

	ALASKA PIPELINE PROJECT DRAFT RESOURCE REPORT 7 APPENDIX 7A	UGAG-UR-SGREG-000010 DECEMBER 2011 REVISION 0
	FERC Docket No. PF09-11-000	

APPENDIX 7A SUMMARY AND MILEPOSTED DATA TABLES BASED ON TERRAIN MAPPING

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TABLE 7A-1

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) and Selected Interpretative and Physical data Associated with Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
5	B	Bedrock, undifferentiated.	ROCK (SURFACE)	BEDROCK_GRADE	1	0	3	Poor to Good	4.7	0.0
2	Br	Residual soil overlying highly weathered bedrock.	ROCK (SURFACE)	BEDROCK_GRADE	0	0	2	Poor to Moderate	2.4	0.0
24	Bu	Unweathered, well-consolidated bedrock.	ROCK (SURFACE)	BEDROCK_GRADE	3	0	21	Poor to Good	23.8	0.4
34	Bu+C/Bu	Unweathered, well-consolidated bedrock. AND Colluvium, undifferentiated. OVER Unweathered, well-consolidated bedrock.	ROCK (SURFACE)	BEDROCK_GRADE	0	26	8	Poor to Good	32.3	1.6
2	Bu+C/Bw	Unweathered, well-consolidated bedrock. AND Colluvium, undifferentiated. OVER Weathered or poorly consolidated bedrock.	ROCK (SURFACE)	BEDROCK_GRADE	0	0	2	Poor to Good	1.6	0.0
204	Bw	Weathered or poorly consolidated bedrock.	ROCK (SURFACE)	BEDROCK_GRADE	65	5	134	Poor to Moderate	203.1	0.6
62	Bw+C/Bw	Weathered or poorly consolidated bedrock. AND Colluvium, undifferentiated. OVER Weathered or poorly consolidated bedrock.	ROCK (SURFACE)	BEDROCK_GRADE	0	35	26	Poor to Moderate	61.6	0.0
131	C	Colluvium, undifferentiated.	COLLUVIAL_TU	GRANULAR_FREQ	0	16	114	Poor to Good	63.8	66.9
411	C/Bw	Colluvium, undifferentiated. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	60	19	332	Poor to Good	379.3	31.3
6	C/Bw+Bu	Colluvium, undifferentiated. OVER Weathered or poorly consolidated bedrock. AND Unweathered, well-consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	6	Poor to Good	6.4	0.1
212	C/Bw+Bw	Colluvium, undifferentiated. OVER Weathered or poorly consolidated bedrock. AND Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	41	2	169	Poor to Good	201.4	10.6
4	C/EI	Colluvium, undifferentiated. OVER Loess.	COLLUVIAL_TU	FINE_GR_FEW	0	0	4	Poor to Good	0.1	3.9
2	C/Fpa	Colluvium, undifferentiated. OVER Abandoned floodplain.	COLLUVIAL_TU	GRANULAR_FREQ	0	0	2	Poor to Good	1.6	0.5
36	C/Gt-It	Colluvium, undifferentiated. OVER Glacial till of the Iktalik glaciation of Wisconsin age, includes Phase I, Phase II, and Late Re-	COLLUVIAL_TS	GRANULAR_FREQ	0	1	35	Poor to Good	4.2	32.0

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Alaska Pipeline Project

Cumulative Area (Acres) and Selected Interpretative and Physical data Associated with Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
		advance.								
27	C+F	Colluvium, undifferentiated. AND Fluvial deposits, undifferentiated.	COLLUVIAL_TU	GRANULAR_FREQ	17	0	10	Poor to Good	18.8	8.4
1	Ca	Avalanche deposits.	COLLUVIAL_TS	FINE_GR_FREQ	0	0	1	Poor to Moderate	0.3	0.4
2	Cg	Rock Glaciers.	COLLUVIAL_TU	GRANULAR_FREQ	0	0	2	Good	0.0	1.8
21	Cl	Landslide deposits.	COLLUVIAL_TS	GRANULAR_FREQ	5	0	16	Poor to Moderate	12.3	8.5
605	Cr	Re-transported silt deposits.	COLLUVIAL_TU	FINE_GR_NO	11	9	585	Poor	418.0	186.3
1	Cr/B	Re-transported silt deposits. OVER Bedrock, undifferentiated.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	1	Poor	1.3	0.0
21	Cr/Bw	Re-transported silt deposits. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	1	6	13	Poor	19.0	1.6
12	Cr/Bw+Bw	Re-transported silt deposits. OVER Weathered or poorly consolidated bedrock. AND Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	12	Poor	3.6	8.6
192	Cr/EI	Re-transported silt deposits. OVER Loess.	COLLUVIAL_TU	FINE_GR_NO	1	5	186	Poor	51.7	140.3
69	Cr/Es	Re-transported silt deposits. OVER Eolian sand deposits, undifferentiated.	COLLUVIAL_TU	FINE_GR_NO	0	0	69	Poor	14.5	54.5
2	Cr/Ff	Re-transported silt deposits. OVER Alluvial fans, undifferentiated.	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	0	2	0	Poor	1.8	0.1
47	Cr/Ff-c	Re-transported silt deposits. OVER Moderate angle coarse-grained alluvial fans.	COLLUVIAL_TU	FINE_GR_OVER_GRAIN_FREQ	0	3	44	Poor	26.1	20.8
65	Cr/Fpa	Re-transported silt deposits. OVER Abandoned floodplain.	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	1	1	63	Poor	56.5	8.4
1	Cr/Fpc	Re-transported silt deposits. OVER Creek or small watercourse.	COLLUVIAL_TU	FINE_GR_OVER_GRAIN_FEW	0	0	1	Poor	0.4	0.9
2	Cr/Fpl	Re-transported silt deposits. OVER Low flow creek floodplain with associated lacustrine deposits.	COLLUVIAL_TU	FINE_GR_NO	0	0	2	Poor	2.3	0.0
75	Cr/Fpt	Re-transported silt deposits. OVER Fluvial terrace.	COLLUVIAL_TU	FINE_GR_OVER_GRAIN_FREQ	0	6	69	Poor	57.2	18.0
35	Cr/G+Cr/GF	Re-transported silt deposits. OVER Glacial deposits, undifferentiated. AND Re-	COLLUVIAL_TU	FINE_GR_OVER_GRAIN_FREQ	0	0	35	Poor	29.1	6.1

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Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
		transported silt deposits. OVER Glaciofluvial deposits, undifferentiated.								
2	Cr/GFo-Do+FF-f/GFo-Do	Re-transported silt deposits. OVER Outwash of the Donnelly glaciation of Late Wisconsin age. AND Fine-grained alluvial fans. OVER Outwash of the Donnelly glaciation of Late Wisconsin age.	COLLUVIAL_TS	FINE_GR_OVER_GRA_N_FREQ	0	0	2	Poor	1.3	1.0
107	Cr/GFo-It	Re-transported silt deposits. OVER Outwash of the Iktalik glaciation of Wisconsin age. Includes Phase I, Phase II, and Late Re-advance.	COLLUVIAL_TU	FINE_GR_OVER_GRA_N_FREQ	0	0	107	Poor	84.5	22.9
6	Cr/GL	Re-transported silt deposits. OVER Glaciolacustrine deposits, undifferentiated.	COLLUVIAL_TU	FINE_GR_NO	0	0	6	Poor	4.0	1.6
15	Cr/Gt-De	Re-transported silt deposits. OVER Glacial till of the Delta glaciation of Wisconsin (?) age.	COLLUVIAL_TU	FINE_GR_OVER_GRA_N_FREQ	0	0	15	Poor	12.6	2.6
2	Cr/Gt-Do	Re-transported silt deposits. OVER Glacial till of the Donnelly glaciation of Late Wisconsin age.	COLLUVIAL_TU	FINE_GR_OVER_GRA_N_FREQ	0	1	1	Poor	1.6	0.0
24	Cr/Gt-It	Re-transported silt deposits. OVER Glacial till of the Iktalik glaciation of Wisconsin age, includes Phase I, Phase II, and Late Re-advance.	COLLUVIAL_TU	FINE_GR_OVER_GRA_N_FREQ	0	0	24	Poor	13.1	11.2
32	Cr/Gt-Sa	Re-transported silt deposits. OVER Glacial till of the Sagavanirktok River glaciation of Middle Pleistocene age. Includes Early and Late Phases.	COLLUVIAL_TU	FINE_GR_OVER_GRA_N_FREQ	0	0	32	Poor	23.7	8.6
2	Cr+Fpc	Re-transported silt deposits. AND Creek or small watercourse.	COLLUVIAL_TU	FINE_GR_FEW	0	0	2	Poor	0.4	2.0
7	Cr+O	Re-transported silt deposits. AND Organic deposits, undifferentiated.	COLLUVIAL_TU	PEAT	0	0	7	Poor	6.9	0.0
96	Cr-s	Sandy Re-transported Deposits	COLLUVIAL_TU	SAND	5	1	90	Poor	51.0	45.1
62	Cr-s/Es	Sandy Re-transported Deposits OVER Eolian sand deposits, undifferentiated.	COLLUVIAL_TU	SAND	7	12	43	Poor	29.6	32.8
198	Cs	Solifluction deposits.	COLLUVIAL_TU	GRAVEL_NO	0	1	197	Moderate	87.2	110.6
376	Cs/Bw	Solifluction deposits. OVER Weathered or	ROCK (SHALLOW)	BEDROCK_DITCH	9	0	367	Moderate	275.8	100.5

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Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
		poorly consolidated bedrock.								
53	Cs/Bw+Bw	Solifluction deposits. OVER Weathered or poorly consolidated bedrock. AND Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	4	0	50	Moderate	41.0	12.5
2	Cs/Ff	Solifluction deposits. OVER Alluvial fans, undifferentiated.	COLLUVIAL_TU	GRANULAR_FEW	0	0	2	Moderate	0.3	1.8
3	Cs/Ff-c	Solifluction deposits. OVER Moderate angle coarse-grained alluvial fans.	COLLUVIAL_TU	GRANULAR_FREQ	0	0	3	Moderate	3.1	0.0
4	Cs/Fpt	Solifluction deposits. OVER Fluvial terrace.	COLLUVIAL_TU	GRANULAR_FEW	0	0	4	Moderate	0.5	3.3
50	Cs/GFo-It	Solifluction deposits. OVER Outwash of the Itkillik glaciation of Wisconsin age. Includes Phase I, Phase II, and Late Re-advance.	COLLUVIAL_TU	GRANULAR_FREQ	0	0	50	Moderate	49.5	0.2
7	Cs/Gt	Solifluction deposits. OVER Glacial till, undifferentiated.	COLLUVIAL_TU	GRANULAR_FREQ	0	0	7	Moderate	3.1	3.9
111	Cs/Gt-An	Solifluction deposits. OVER Glacial till of the Anaktuvuk River glaciation of Early Pleistocene age.	COLLUVIAL_TU	GRANULAR_FREQ	0	0	111	Moderate	44.0	67.1
53	Cs/Gt-Gu	Solifluction deposits. OVER Glacial till of the Gunsight Mountain glaciation of Late Pliocene age.	COLLUVIAL_TU	GRANULAR_FREQ	0	0	53	Moderate	22.8	30.0
896	Cs/Gt-It	Solifluction deposits. OVER Glacial till of the Itkillik glaciation of Wisconsin age, includes Phase I, Phase II, and Late Re-advance.	COLLUVIAL_TU	GRANULAR_FREQ	1	15	880	Moderate	411.5	484.8
550	Cs/Gt-Sa	Solifluction deposits. OVER Glacial till of the Sagavanirktok River glaciation of Middle Pleistocene age. Includes Early and Late Phases.	COLLUVIAL_TU	GRANULAR_FREQ	2	1	547	Moderate	266.3	283.7
15	Ct	Talus.	COLLUVIAL_TU	GRANULAR_FREQ	1	0	14	Good	2.0	13.5
1418	El	Loess.	EOLIAN_TU	FINE_GR_NO	107	72	1238	Poor to Good	298.2	1119.3
659	El/Bw	Loess. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	77	15	567	Poor to Good	480.6	178.6
113	El/Bw+Bw	Loess. OVER Weathered or poorly consolidated bedrock. AND Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	11	8	94	Poor to Good	77.4	35.4

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					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
31	EI/Bw+C/Bw	Loess. OVER Weathered or poorly consolidated bedrock. AND Colluvium, undifferentiated. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	0	1	30	Poor to Good	28.7	2.5
7	EI/Fpa-f	Loess. OVER Fine-grained overbank deposits.	EOLIAN_TU	FINE_GR_NO	0	7	0	Poor to Good	7.5	0.0
3	EI/Fpc	Loess. OVER Creek or small watercourse.	EOLIAN_TU	FINE_GR_NO	0	0	3	Poor to Good	3.0	0.0
10	EI/Fpt	Loess. OVER Fluvial terrace.	EOLIAN_TU	FINE_GR_OVER_GRA N_FREQ	0	0	10	Poor to Good	5.5	4.0
6	EI/GFo	Loess. OVER Glacial outwash.	EOLIAN_TS	FINE_GR_OVER_GRA N_FREQ	6	0	0	Poor to Good	6.4	0.0
100	EI/GFo-De	Loess. OVER Outwash of the Delta glaciation of Wisconsin(?) age.	EOLIAN_TS	FINE_GR_OVER_GRA N_FREQ	70	0	30	Poor to Good	80.3	19.8
481	EI/GFo-Do	Loess. OVER Outwash of the Donnelly glaciation of Late Wisconsin age.	EOLIAN_TS	FINE_GR_OVER_GRA N_FREQ	225	75	181	Poor to Good	375.9	105.1
119	EI/GFo-Do+Fpc/GFo-Do	Loess. OVER Outwash of the Donnelly glaciation of Late Wisconsin age. AND Creek or small watercourse. OVER Outwash of the Donnelly glaciation of Late Wisconsin age.	EOLIAN_TS	GRANULAR_FREQ	20	6	93	Poor to Good	111.2	8.1
43	EI/GFo-It	Loess. OVER Outwash of the Itkillik glaciation of Wisconsin age. Includes Phase I, Phase II, and Late Re-advance.	EOLIAN_TS	FINE_GR_OVER_GRA N_FREQ	0	0	43	Poor to Good	42.6	0.2
16	EI/Gt-Do	Loess. OVER Glacial till of the Donnelly glaciation of Late Wisconsin age.	EOLIAN_TS	FINE_GR_OVER_GRA N_FREQ	2	0	13	Poor to Good	6.5	9.6
12	EI/Gt-An	Loess. OVER Glacial till of the Anaktuvuk River glaciation of Early Pleistocene age.	EOLIAN_TS	FINE_GR_OVER_GRA N_FREQ	0	0	12	Poor to Good	7.3	4.4
41	EI/Gt-It	Loess. OVER Glacial till of the Itkillik glaciation of Wisconsin age, includes Phase I, Phase II, and Late Re-advance.	EOLIAN_TS	FINE_GR_OVER_GRA N_FREQ	0	0	41	Poor to Good	25.9	15.2
62	EI/Gt-Sa	Loess. OVER Glacial till of the Sagavanirktok River glaciation of Middle Pleistocene age. Includes Early and Late Phases.	EOLIAN_TS	FINE_GR_OVER_GRA N_FREQ	0	0	62	Poor to Good	50.5	11.2
48	EI+Cr	Loess. AND Re-transported silt deposits.	EOLIAN_TU	FINE_GR_NO	0	0	48	Poor to Good	21.3	26.7

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					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
318	Elf	Floodplain loess.	EOLIAN_TU	FINE_GR_NO	18	28	272	Poor	271.5	46.4
6	EII/CI	Lowland loess. OVER Landslide deposits.	EOLIAN_TU	FINE_GR_OVER_GRA_N_FREQ	0	0	6	Poor to Moderate	5.8	0.0
88	EII	Lowland loess.	EOLIAN_TU	FINE_GR_NO	0	9	80	Poor to Moderate	61.8	26.5
42	EII/Fpa-f	Lowland loess. OVER Fine-grained overbank deposits.	EOLIAN_TU	FINE_GR_NO	0	0	42	Poor to Moderate	31.4	10.5
94	EII/GFo-Gu	Lowland loess. OVER Outwash of the Gunsight Mountain glaciation of Late Pliocene age.	EOLIAN_TS	FINE_GR_OVER_GRA_N_FREQ	0	0	94	Poor to Moderate	94.0	0.1
209	EII/Mc+Es/Mc	Lowland loess. OVER Marine coastal plain. AND Eolian sand deposits, undifferentiated. OVER Marine coastal plain.	EOLIAN_TU	FINE_GR_NO	0	0	209	Poor to Moderate	203.2	5.6
211	EII/Mc+Ess/Mc	Lowland loess. OVER Marine coastal plain. AND Sand sheet. OVER Marine coastal plain.	EOLIAN_TU	FINE_GR_NO	0	0	211	Poor to Moderate	210.9	0.0
371	Es	Eolian sand deposits, undifferentiated.	EOLIAN_TU	SAND	117	15	240	Moderate to Good	191.8	179.2
2	Es/Bu	Eolian sand deposits, undifferentiated. OVER Unweathered, well-consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	2	Moderate to Good	1.9	0.4
403	Es/Bw	Eolian sand deposits, undifferentiated. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	203	13	187	Moderate to Good	309.4	93.8
15	Es/Fpl	Eolian sand deposits, undifferentiated. OVER Low flow creek floodplain with associated lacustrine deposits.	EOLIAN_TU	SAND	0	1	14	Moderate to Good	14.6	0.0
6	Es/Fpt	Eolian sand deposits, undifferentiated. OVER Fluvial terrace.	EOLIAN_TU	GRANULAR_FREQ	0	0	6	Moderate to Good	2.5	3.5
7	Es/Fpt-s	Eolian sand deposits, undifferentiated. OVER Fluvial terrace of sandy floodplains	EOLIAN_TU	SAND	0	0	7	Moderate to Good	6.8	0.6
3	Es/GL	Eolian sand deposits, undifferentiated. OVER Glaciolacustrine deposits, undifferentiated.	EOLIAN_TU	FINE_GR_NO	0	0	3	Moderate to Good	1.8	0.7
459	Esd	Sand dune.	EOLIAN_TS	SAND	110	36	313	Good	169.3	289.7

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Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
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151	Ess/Bw	Sand sheet. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	89	3	60	Moderate to Good	110.3	41.0
19	Fd	Delta.	ALLUVIAL_TU	GRAVEL_NO	1	0	18	Poor to Good	15.9	3.1
122	Ff	Alluvial fans, undifferentiated.	ALLUVIAL_TS	GRAVEL_NO	3	26	93	Good	77.3	44.3
4	Ff/Bw	Alluvial fans, undifferentiated. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	4	Good	4.4	0.0
2	Ff/Es	Alluvial fans, undifferentiated. OVER Eolian sand deposits, undifferentiated.	ALLUVIAL_TU	GRAVEL_NO	0	0	2	Good	0.0	1.7
8	Ff/Fp-c	Alluvial fans, undifferentiated. OVER Coarse-grained channel deposits.	ALLUVIAL_TS	GRANULAR_FREQ	8	0	0	Good	7.6	0.0
6	Ff/Fpt	Alluvial fans, undifferentiated. OVER Fluvial terrace.	ALLUVIAL_TU	GRANULAR_FREQ	0	0	6	Good	5.8	0.3
17	Ff/GFo-De	Alluvial fans, undifferentiated. OVER Outwash of the Delta glaciation of Wisconsin(?) age.	ALLUVIAL_TS	GRANULAR_FREQ	0	2	15	Good	16.6	0.8
4	Ff/GFo-It	Alluvial fans, undifferentiated. OVER Outwash of the Itkillik glaciation of Wisconsin age. Includes Phase I, Phase II, and Late Re-advance.	ALLUVIAL_TS	GRANULAR_FREQ	0	0	4	Good	4.5	0.0
5	Ff/GL	Alluvial fans, undifferentiated. OVER Glaciolacustrine deposits, undifferentiated.	ALLUVIAL_TU	GRAVEL_NO	0	0	5	Good	0.6	4.2
3	Ff/Gt	Alluvial fans, undifferentiated. OVER Glacial till, undifferentiated.	ALLUVIAL_TS	GRANULAR_FREQ	0	0	3	Good	3.4	0.0
261	Ffa	Alpine fan.	ALLUVIAL_TS	GRANULAR_FREQ	2	0	259	Good	261.2	0.1
984	Ff-c	Moderate angle coarse-grained alluvial fans.	ALLUVIAL_TS	GRANULAR_FREQ	418	162	405	Good	832.0	152.4
15	Ff-c/Gt-Sa	Moderate angle coarse-grained alluvial fans. OVER Glacial till of the Sagavanirktok River glaciation of Middle Pleistocene age. Includes Early and Late Phases.	ALLUVIAL_TS	GRANULAR_FREQ	0	1	14	Good	1.3	13.3
11	Ff-c+Cr	Moderate angle coarse-grained alluvial fans. AND Re-transported silt deposits.	ALLUVIAL_TU	GRANULAR_FREQ	0	0	11	Good	5.4	5.7
56	Ff-f	Fine-grained alluvial fans.	ALLUVIAL_TU	FINE_GR_NO	3	3	50	Moderate	45.5	10.3
27	Ff-f/Ff-c	Fine-grained alluvial fans. OVER Moderate angle coarse-grained alluvial fans.	ALLUVIAL_TS	FINE_GR_OVER_GRA_N_FREQ	6	13	8	Moderate	27.4	0.0

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					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
1	Ff-f/Fpa	Fine-grained alluvial fans. OVER Abandoned floodplain.	ALLUVIAL_TU	FINE_GR_OVER_GRAVEL	0	0	1	Moderate	1.1	0.1
15	Fp	Floodplain alluvium.	ALLUVIAL_TU	GRAVEL_NO	9	1	4	Poor to Good	6.2	8.4
6	Fp+Cr	Floodplain alluvium. AND Re-transported silt deposits.	ALLUVIAL_TU	GRAVEL_NO	0	0	6	Poor to Good	4.6	1.0
468	Fpa	Abandoned floodplain.	ALLUVIAL_TU	GRAVEL_NO	54	5	409	Poor to Good	363.3	104.9
26	Fpa/Ff-c	Abandoned floodplain. OVER Moderate angle coarse-grained alluvial fans.	ALLUVIAL_TS	GRANULAR_FREQ	6	20	0	Poor to Good	23.5	2.2
5	Fpa/Fpl	Abandoned floodplain. OVER Low flow creek floodplain with associated lacustrine deposits.	ALLUVIAL_TU	GRAVEL_NO	0	0	4	Poor to Good	4.8	0.0
189	Fpa/GL	Abandoned floodplain. OVER Glaciolacustrine deposits, undifferentiated.	ALLUVIAL_TU	GRAVEL_NO	51	10	127	Poor to Good	120.8	67.8
22	Fpa-f	Fine-grained overbank deposits.	ALLUVIAL_TU	FINE_GR_NO	0	4	18	Poor	21.6	0.7
42	Fpa-f/Ff-c	Fine-grained overbank deposits. OVER Moderate angle coarse-grained alluvial fans.	ALLUVIAL_TS	FINE_GR_OVER_GRA_N_FREQ	6	0	36	Poor	33.0	8.7
249	Fpa-f/Fpa-c	Fine-grained overbank deposits. OVER Coarse-grained channel deposits.	ALLUVIAL_TU	FINE_GR_OVER_GRA_N_FREQ	34	16	199	Poor	221.7	27.3
26	Fpa-s	Fine-grained sandy floodplains.	ALLUVIAL_TU	SAND	0	0	26	Poor to Moderate	24.6	1.6
17	Fpa-s/Es	Fine-grained sandy floodplains. OVER Eolian sand deposits, undifferentiated.	ALLUVIAL_TU	SAND	0	1	17	Poor to Moderate	14.6	2.8
142	Fpb-c	Coarse-grained channel deposits.	ALLUVIAL_TS	GRANULAR_FREQ	100	2	41	Good	129.5	12.9
19	Fpb-c/GL	Coarse-grained channel deposits. OVER Glaciolacustrine deposits, undifferentiated.	ALLUVIAL_TU	GRANULAR_FREQ	16	1	2	Good	16.9	2.6
41	Fpb-f/Fpb-c	Fine-grained overbank deposits. OVER Coarse-grained channel deposits.	ALLUVIAL_TS	FINE_GR_OVER_GRA_N_FREQ	33	2	6	Poor	30.7	10.0
145	Fpc	Creek or small watercourse.	ALLUVIAL_TU	GRANULAR_FEW	8	6	130	Poor to Good	88.8	55.9
10	Fp-c	Coarse-grained channel deposits.	ALLUVIAL_TS	GRANULAR_FEW	2	0	7	Good	9.5	0.0
1	Fpc/B	Creek or small watercourse. OVER Bedrock, undifferentiated.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	1	Poor to Good	0.6	0.0
2	Fpc/Bw	Creek or small watercourse. OVER	ROCK (SHALLOW)	BEDROCK_DITCH	1	0	1	Poor to	1.0	0.9

TABLE 7A-1

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Alaska Pipeline Project

Cumulative Area (Acres) and Selected Interpretative and Physical data Associated with Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
		Weathered or poorly consolidated bedrock.						Good		
7	Fpc/Bw+Cr/Bw	Creek or small watercourse. OVER Weathered or poorly consolidated bedrock. AND Re-transported silt deposits. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	7	Poor to Good	5.5	1.1
3	Fpc/Cr-s	Creek or small watercourse. OVER Sandy Re-transported Deposits	ALLUVIAL_TU	GRANULAR_FEW	0	0	3	Poor to Good	2.6	0.4
2	Fpc/Es	Creek or small watercourse. OVER Eolian sand deposits, undifferentiated.	ALLUVIAL_TU	GRANULAR_FEW	0	0	1	Poor to Good	0.6	1.1
3	Fpc/Fpt	Creek or small watercourse. OVER Fluvial terrace.	ALLUVIAL_TU	GRANULAR_FEW_OVE R GRAN_FREQ	0	0	3	Poor to Good	2.9	0.0
9	Fpc/GFo-De	Creek or small watercourse. OVER Outwash of the Delta glaciation of Wisconsin(?) age.	ALLUVIAL_TU	GRANULAR_FREQ	5	2	2	Poor to Good	5.6	2.9
1	Fpc/Gt-Sa	Creek or small watercourse. OVER Glacial till of the Sagavanirktok River glaciation of Middle Pleistocene age. Includes Early and Late Phases.	ALLUVIAL_TU	GRANULAR_FREQ	0	0	1	Poor to Good	1.4	0.0
1	Fpc+Cr	Creek or small watercourse. AND Re-transported silt deposits.	ALLUVIAL_TU	FINE_GR_FEW	0	0	1	Poor to Good	0.6	0.3
3	Fp-f/Fp-c	Fine-grained overbank deposits. OVER Coarse-grained channel deposits.	ALLUVIAL_TU	FINE_GR_OVER_GRA N_FEW	2	0	1	Poor	3.3	0.0
44	Fpl	Low flow creek floodplain with associated lacustrine deposits.	ALLUVIAL_TU	FINE_GR_NO	1	2	41	Poor	42.9	0.7
102	Fpm	Meander floodplain.	ALLUVIAL_TU	GRAVEL_NO	57	3	42	Poor to Good	68.8	33.0
2	Fpm/GL	Meander floodplain. OVER Glaciolacustrine deposits, undifferentiated.	ALLUVIAL_TU	GRAVEL_NO	1	0	1	Poor to Good	1.7	0.4
11	Fpm-c	Coarse-grained channel deposits.	ALLUVIAL_TS	GRANULAR_FREQ	11	0	0	Good	10.2	0.5
10	Fpm-c/Fpm-c	Coarse-grained channel deposits. OVER Coarse-grained channel deposits.	ALLUVIAL_TS	GRANULAR_FREQ	9	0	1	Good	9.7	0.0
6	Fpm-f	Fine-grained overbank deposits.	ALLUVIAL_TU	SAND	1	3	1	Poor	4.6	1.1
15	Fpm-f/Ff-c	Fine-grained overbank deposits. OVER Moderate angle coarse-grained alluvial fans.	ALLUVIAL_TU	GRANULAR_FREQ	1	1	14	Poor	9.2	6.3
2	Fpm-f/Fpl	Fine-grained overbank deposits. OVER Low flow creek floodplain with associated	ALLUVIAL_TU	SAND	0	0	2	Poor	1.7	0.7

TABLE 7A-1

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Alaska Pipeline Project

Cumulative Area (Acres) and Selected Interpretative and Physical data Associated with Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
		lacustrine deposits.								
116	Fpm-f/Fpm-c	Fine-grained overbank deposits. OVER Coarse-grained channel deposits.	ALLUVIAL_TU	FINE_GR_OVER_GRA_N_FREQ	58	22	35	Poor	79.3	36.3
1	Fpm-s	Fine-grained sandy floodplains	ALLUVIAL_TU	SAND	0	0	1	Poor to Moderate	0.7	0.4
7	Fpm-s/Fpl	Fine-grained sandy floodplains OVER Low flow creek floodplain with associated lacustrine deposits.	ALLUVIAL_TU	SAND	0	1	6	Poor to Moderate	5.5	1.8
469	Fpt	Fluvial terrace.	ALLUVIAL_TU	GRANULAR_FREQ	54	5	410	Good	415.4	53.4
9	Fpt/Bw	Fluvial terrace. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	2	0	7	Good	7.3	2.0
13	Fpt-s	Fluvial terrace of sandy floodplains	ALLUVIAL_TU	SAND	0	0	13	Poor to Moderate	12.6	0.5
39	G+GF	Glacial deposits, undifferentiated. AND Glaciofluvial deposits, undifferentiated.	DRIFT_TS	FINE_GR_FREQ	1	1	37	Poor to Moderate	32.2	7.2
3	GfK	Kames and kame terraces.	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	0	3	Good	2.7	0.0
16	GfO	Glacial outwash.	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	0	15	Good	14.6	0.9
61	GfO-De	Outwash of the Delta glaciation of Wisconsin(?) age.	GLACIOFLUVIAL_TS	GRANULAR_FREQ	37	0	23	Moderate to Good	42.9	17.6
246	GfO-Do	Outwash of the Donnelly glaciation of Late Wisconsin age.	GLACIOFLUVIAL_TS	GRANULAR_FREQ	203	13	30	Good	241.3	4.2
14	GfO-It	Outwash of the Itkillik glaciation of Wisconsin age. Includes Phase I, Phase II, and Late Re-advance.	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	0	13	Good	13.0	0.5
45	GfO-Sa	Outwash of the Sagavanirktok River glaciation of Middle Pleistocene age. Includes early and late phases.	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	0	45	Moderate to Good	28.7	16.2
61	GL	Glaciolacustrine deposits, undifferentiated.	LACUSTRINE_TU	FINE_GR_NO	0	0	61	Poor	24.4	36.9
35	Gt-An	Glacial till of the Anaktuvuk River glaciation of Early Pleistocene age.	MORAINAL_TS	FINE_GR_FREQ	0	0	35	Poor to Moderate	27.8	7.4
3	Gt-An/Bw	Glacial till of the Anaktuvuk River glaciation of Early Pleistocene age. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	3	Poor to Moderate	3.2	0.0
18	Gt-An/Bw+Bw	Glacial till of the Anaktuvuk River glaciation of Early Pleistocene age. OVER Weathered	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	18	Poor to Moderate	18.3	0.1

TABLE 7A-1

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Alaska Pipeline Project

Cumulative Area (Acres) and Selected Interpretative and Physical data Associated with Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
		or poorly consolidated bedrock. AND Weathered or poorly consolidated bedrock.								
166	Gt-De	Glacial till of the Delta glaciation of Wisconsin (?) age.	MORAINAL_TS	FINE_GR_FREQ	75	2	89	Poor to Moderate	110.9	55.1
173	Gt-Do	Glacial till of the Donnelly glaciation of Late Wisconsin age.	MORAINAL_TS	FINE_GR_FREQ	7	49	117	Moderate to Good	86.3	87.0
238	Gt-It	Glacial till of the Itkillik glaciation of Wisconsin age, includes Phase I, Phase II, and Late Re-advance.	MORAINAL_TS	FINE_GR_FREQ	1	3	233	Moderate	133.0	104.6
5	Gt-It/B	Glacial till of the Itkillik glaciation of Wisconsin age, includes Phase I, Phase II, and Late Re-advance. OVER Bedrock, undifferentiated.	ROCK (SHALLOW)	BEDROCK_DITCH	0	0	5	Moderate	2.6	2.0
313	Gt-It/Bw	Glacial till of the Itkillik glaciation of Wisconsin age, includes Phase I, Phase II, and Late Re-advance. OVER Weathered or poorly consolidated bedrock.	ROCK (SHALLOW)	BEDROCK_DITCH	74	24	215	Moderate	308.2	4.4
37	Gt-It+GFk	Glacial till of the Itkillik glaciation of Wisconsin age, includes Phase I, Phase II, and Late Re-advance. AND Kames and kame terraces.	MORAINAL_TS	GRANULAR_FREQ	0	0	36	Moderate	27.9	8.8
107	Gt-Sa	Glacial till of the Sagavanirktok River glaciation of Middle Pleistocene age. Includes Early and Late Phases.	MORAINAL_TS	FINE_GR_FREQ	0	0	107	Poor to Moderate	82.2	24.7
4	H	Human-made deposits, undifferentiated.	ALLUVIAL_TS	FINE_GR_FEW	3	0	1	Poor to Good	3.5	0.0
30	Hf	Fills and embankments.	ALLUVIAL_TS	GRAVEL_NO	0	6	24	Moderate to Good	10.8	19.1
1	Hf/EI	Fills and embankments. OVER Loess.	ALLUVIAL_TS	GRAVEL_NO	0	0	1	Moderate to Good	0.4	0.5
7	Ht	Tailings.	ALLUVIAL_TS	GRAVEL_NO	7	0	0	Good	2.3	5.1
1	Ht+Fpc	Tailings. AND Creek or small watercourse.	ALLUVIAL_TU	GRANULAR_FEW	0	0	1	Good	1.1	0.2
1	Lt	Thaw lake.	LACUSTRINE_TU	FINE_GR_NO	0	0	1	Poor	0.0	1.4
70	Lt/Mc	Thaw lake. OVER Marine coastal plain.	LACUSTRINE_TU	FINE_GR_NO	0	0	70	Poor	70.2	0.1
8	Lt/Mc+Fpc/	Thaw lake. OVER Marine coastal plain. AND	LACUSTRINE_TU	FINE_GR_NO	0	0	8	Poor	7.6	0.0

TABLE 7A-1

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Alaska Pipeline Project

Cumulative Area (Acres) and Selected Interpretative and Physical data Associated with Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
	Mc	Creek or small watercourse. OVER Marine coastal plain.								
4	O	Organic deposits, undifferentiated.	ORGANIC_TU	PEAT	0	0	4	Poor	3.8	0.0
7	O/Cr	Organic deposits, undifferentiated. OVER Re-transported silt deposits.	ORGANIC_TU	PEAT_FINE_GR_NO	0	0	7	Poor	4.2	2.8
4	O/EI	Organic deposits, undifferentiated. OVER Loess.	ORGANIC_TU	PEAT_FINE_GR_NO	0	0	4	Poor	2.5	1.0
29	O/EIf	Organic deposits, undifferentiated. OVER Floodplain loess.	ORGANIC_TU	PEAT_FINE_GR_NO	2	0	27	Poor	29.1	0.1
3	O/Ff	Organic deposits, undifferentiated. OVER Alluvial fans, undifferentiated.	ORGANIC_TU	PEAT_GRAVEL_NO	0	3	0	Poor	2.9	0.0
15	O/Ff-c	Organic deposits, undifferentiated. OVER Moderate angle coarse-grained alluvial fans.	ORGANIC_TU	PEAT_GRANULAR_FR_EQ	2	14	0	Poor	15.3	0.0
1	O/Ff-f	Organic deposits, undifferentiated. OVER Fine-grained alluvial fans.	ORGANIC_TU	PEAT_FINE_GR_NO	1	0	0	Poor	0.7	0.0
10	O/Fpa	Organic deposits, undifferentiated. OVER Abandoned floodplain.	ORGANIC_TU	PEAT_GRAVEL_NO	1	0	9	Poor	9.7	0.4
5	O/Fpa-f	Organic deposits, undifferentiated. OVER Fine-grained overbank deposits.	ORGANIC_TU	PEAT_FINE_GR_NO	0	0	5	Poor	2.3	2.3
2	O/Fpl	Organic deposits, undifferentiated. OVER Low flow creek floodplain with associated lacustrine deposits.	ORGANIC_TU	PEAT_FINE_GR_NO	0	0	2	Poor	1.6	0.0
22	O/Fpm	Organic deposits, undifferentiated. OVER Meander floodplain.	ORGANIC_TU	PEAT_GRAVEL_NO	0	0	22	Poor	21.9	0.0
1	O/Fpt	Organic deposits, undifferentiated. OVER Fluvial terrace.	ORGANIC_TU	PEAT_FINE_GR_NO	0	0	1	Poor	0.6	0.0
23	O/G+O/GF	Organic deposits, undifferentiated. OVER Glacial deposits, undifferentiated. AND Organic deposits, undifferentiated. OVER Glaciofluvial deposits, undifferentiated.	ORGANIC_TU	PEAT_FINE_GR_FREQ	0	0	23	Poor	18.5	4.4
6	O/GFo	Organic deposits, undifferentiated. OVER Glacial outwash.	ORGANIC_TU	PEAT_GRANULAR_FR_EQ	0	4	2	Poor	5.8	0.0
1	O/Gt-Do	Organic deposits, undifferentiated. OVER Glacial till of the Donnelly glaciation of Late Wisconsin age.	ORGANIC_TU	PEAT_GRANULAR_FR_EQ	1	0	0	Poor	1.3	0.0

TABLE 7A-1

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Alaska Pipeline Project

Cumulative Area (Acres) and Selected Interpretative and Physical data Associated with Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Terrain Unit Name ^c	Surface Soil Group ^d	Ditch Soil Group ^e	Permafrost (acres) ^f			Surface Drainage ^g	Erosion Potential (acres) ^h	
					Unfrozen	Discontinuous	Frozen		Highly Erodible	Not Highly Erodible
7	O/L	Organic deposits, undifferentiated. OVER Lacustrine deposits, undifferentiated.	ORGANIC_TU	PEAT_FINE_GR_NO	0	0	7	Poor	7.1	0.0
29	W	Water bodies, undifferentiated.	WATER	WATER	7	1	22	NA	29.0	0.2

- ^a Total acres is the cumulative acres of the terrain unit within the construction footprint (right-of-way plus additional temporary workspace) of the Alaska Mainline. Acreage data for right-of-way width was determined using Geographic Information System footprint that accurately depicts variable right-of-way footprint as described in Section 1.4 of Resource Report 1 and Appendices 1H and 1J. Some terrain units have two acreage values because the terrain unit was located in a different permafrost zone and had different permafrost characteristics. Values total to 16,213.6 acres.
- ^b Terrain unit symbol as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.
- ^c Full terrain unit name indicating surface and subsurface geological components.
- ^d Surface soil group was developed based on the texture and composition of the uppermost layer within the terrain unit. The TU and TS modifiers indicate "thaw-sensitive" soils, and "Thaw-stable" soils, respectively, based on estimated values for the percentage of the unit that is frozen and substrate ice content of individual terrain unit components.
- ^e Ditch Soil group was based on the assumed textural characteristics of the subsurface layers of the terrain map unit that are consistent with the geologic description and assuming that the ditch would be excavated to a depth of 7 feet. _Gr = grained, _gran = coarse granular, _no, _few, and _freq = no, few, and frequent rocks cobbles and boulders can be expected, respectively.
- ^f Permafrost indicates the estimated acres of the terrain unit that are expected to have shallow permafrost based on the location of the terrain unit in areas of Continuous, Discontinuous, or Absent permafrost zones as indicated in Jorgenson, T. K Yoshikawa, M Kanevskiy, Y Shur, V. Romanovsky, S. Marchenko, G. Grosse, J Brown and B. Huges. 2008. Permafrost Characteristics of Alaska. Proceedings Ninth International Conference on Permafrost. Fairbanks, AK. Values for individual geologic components of the terrain units were averaged and incorporated into the assessment.
- ^g Surface Drainage was determined as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.
- ^h Highly erodible soils were determined for the surface terrain unit were determined as described in Section 7.3.2 of Resource Report 7.

TABLE 7A-2

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) in Longitudinal and Cross Slope Classes for Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
5	B	0.3	1.6	1.7	0.4	0.1	0.1	0.1	0.1	0.2	0.0	0.0	2.6	0.2	1.4	0.5	0.0	0.0	0.0
2	Br	0.0	0.0	0.4	0.9	1.1	0.0	0.0	0.0	0.0	1.6	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0
24	Bu	3.1	4.1	4.3	4.4	4.4	1.7	1.1	1.0	0.0	3.3	2.8	2.9	2.7	5.6	1.6	5.1	0.2	0.0
34	Bu+C/Bu	4.6	7.2	8.7	5.4	2.9	1.3	2.7	1.0	0.0	0.0	0.7	6.2	3.7	4.6	2.9	12.5	3.4	0.0
2	Bu+C/Bw	0.3	0.3	0.2	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.1	1.1	0.5	0.0	0.0	0.0	0.0	0.0
204	Bw	24.9	42.4	58.7	25.3	23.1	12.0	11.1	3.6	2.5	30.2	35.1	46.4	33.0	32.9	13.7	10.8	1.5	0.0
62	Bw+C/Bw	17.3	17.3	11.6	3.4	2.6	3.7	5.3	0.5	0.0	3.4	17.0	18.4	14.6	7.5	0.7	0.0	0.0	0.0
131	C	89.1	27.2	8.8	2.5	1.5	0.8	0.5	0.2	0.0	21.0	28.1	69.7	6.9	3.0	1.0	1.0	0.0	0.0
411	C/Bw	61.8	91.6	108.3	52.0	52.8	20.2	17.6	3.6	2.8	73.5	84.7	133.4	60.9	31.4	9.3	13.1	4.3	0.0
6	C/Bw+Bu	2.4	2.0	0.9	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	2.1	3.8	0.0
212	C/Bw+Bw	29.3	44.1	76.9	24.9	15.4	5.6	9.9	4.9	0.9	28.7	67.4	62.7	19.9	11.9	7.5	13.0	0.9	0.0
4	C/EI	0.0	0.2	0.0	0.8	1.9	1.0	0.0	0.1	0.0	2.6	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
2	C/Fpa	0.2	0.7	0.8	0.5	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	C/Gt-It	15.9	13.0	6.6	0.8	0.0	0.0	0.0	0.0	0.0	0.2	1.6	13.6	14.4	6.4	0.0	0.0	0.0	0.0
27	C+F	18.0	7.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.4	17.6	0.0	0.0	0.0	0.0	0.0	0.0
1	Ca	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2	Cg	0.0	0.0	0.1	0.2	0.3	0.2	0.1	0.5	0.5	0.0	0.0	1.2	0.6	0.0	0.0	0.0	0.0	0.0
21	CI	4.4	8.4	5.0	2.2	0.5	0.2	0.0	0.1	0.0	0.1	2.7	10.1	4.8	0.0	0.9	1.5	0.6	0.0
605	Cr	310.2	196.7	83.0	7.1	4.4	1.4	1.4	0.4	0.2	360.7	175.7	56.9	8.9	2.4	0.0	0.0	0.0	0.0
1	Cr/B	0.1	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
21	Cr/Bw	1.4	4.0	5.1	4.3	3.9	0.6	1.0	0.0	0.2	0.0	2.0	7.9	6.1	4.0	0.5	0.0	0.0	0.0
12	Cr/Bw+Bw	0.0	0.0	0.3	5.3	5.0	0.9	0.7	0.0	0.0	3.0	5.6	1.6	1.2	0.9	0.0	0.0	0.0	0.0
192	Cr/EI	41.0	62.6	53.7	24.1	7.3	1.8	1.0	0.3	0.1	35.5	61.8	63.0	20.1	11.5	0.1	0.0	0.0	0.0
69	Cr/Es	15.0	25.1	20.2	4.5	3.7	0.5	0.0	0.0	0.0	10.4	19.6	30.1	5.3	3.3	0.5	0.0	0.0	0.0
2	Cr/Ff	0.8	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	Cr/Ff-c	28.9	15.3	2.5	0.0	0.1	0.0	0.0	0.0	0.0	8.4	17.8	10.6	10.1	0.0	0.0	0.0	0.0	0.0
65	Cr/Fpa	50.7	11.0	1.6	0.6	0.5	0.3	0.1	0.0	0.0	49.0	9.6	5.1	1.1	0.0	0.0	0.0	0.0	0.0

TABLE 7A-2

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) in Longitudinal and Cross Slope Classes for Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
1	Cr/Fpc	0.6	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	Cr/Fpl	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	Cr/Fpt	47.4	19.8	4.7	1.4	1.0	0.4	0.4	0.2	0.0	48.6	14.8	11.1	0.7	0.0	0.0	0.0	0.0	0.0
35	Cr/G+Cr/G F	22.4	8.9	3.0	0.8	0.0	0.0	0.1	0.0	0.0	19.1	12.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0
2	Cr/GFo- Do+FF- f/GFo-Do	0.2	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.3	1.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0
107	Cr/GFo-It	75.5	26.4	3.7	0.7	0.6	0.5	0.1	0.0	0.0	57.9	40.6	6.2	2.2	0.5	0.0	0.0	0.0	0.0
6	Cr/GL	3.0	2.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	5.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	Cr/Gt-De	9.6	3.9	1.5	0.2	0.0	0.0	0.0	0.0	0.0	6.2	7.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
2	Cr/Gt-Do	0.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	Cr/Gt-It	13.8	7.8	1.8	0.1	0.6	0.1	0.0	0.0	0.0	12.0	1.8	8.8	1.6	0.0	0.0	0.0	0.0	0.0
32	Cr/Gt-Sa	18.0	5.7	8.5	0.0	0.0	0.0	0.0	0.0	0.0	20.2	10.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0
2	Cr+Fpc	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Cr+O	5.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96	Cr-s	33.4	35.5	15.1	5.7	2.9	1.2	1.2	0.8	0.4	29.5	41.7	19.2	3.4	1.6	0.3	0.4	0.0	0.0
62	Cr-s/Es	26.8	26.5	8.5	0.0	0.0	0.2	0.1	0.2	0.0	3.7	29.6	21.4	5.2	2.4	0.0	0.0	0.0	0.0
198	Cs	71.0	85.4	23.6	13.2	3.3	1.0	0.2	0.0	0.0	33.2	76.3	71.4	16.9	0.0	0.0	0.0	0.0	0.0
376	Cs/Bw	77.1	118.9	107.2	27.5	24.3	13.2	7.0	1.1	0.0	63.8	125.5	153.5	27.7	5.7	0.0	0.0	0.0	0.0
53	Cs/Bw+Bw	1.1	10.5	22.2	15.6	3.7	0.2	0.2	0.0	0.0	8.4	21.8	16.6	4.3	2.0	0.4	0.0	0.0	0.0
2	Cs/Ff	1.4	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0
3	Cs/Ff-c	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Cs/Fpt	2.3	0.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.5	1.8	0.0	0.0	0.0	0.0	0.0
50	Cs/GFo-It	48.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	47.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Cs/Gt	3.6	3.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0
111	Cs/Gt-An	37.9	42.6	25.6	4.0	1.0	0.0	0.0	0.0	0.0	22.1	37.4	37.3	6.6	7.6	0.0	0.0	0.0	0.0
53	Cs/Gt-Gu	12.1	31.5	8.1	1.1	0.0	0.0	0.0	0.0	0.0	20.1	16.4	16.3	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-2

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) in Longitudinal and Cross Slope Classes for Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
896	Cs/Gt-It	403.0	326.7	137.8	15.1	6.9	3.1	2.4	1.1	0.1	179.0	251.0	305.9	97.3	51.5	8.4	2.4	0.7	0.0
550	Cs/Gt-Sa	202.9	201.0	120.4	19.0	5.3	0.9	0.3	0.0	0.0	163.4	219.9	108.4	35.9	17.8	4.5	0.0	0.0	0.0
15	Ct	5.4	3.7	3.2	0.5	0.5	0.2	0.2	1.1	0.7	0.5	2.5	8.8	1.0	1.9	0.2	0.4	0.0	0.0
1418	EI	303.5	302.9	326.7	174.4	168.8	77.3	54.0	8.6	1.4	375.1	347.5	376.7	162.6	102.3	34.8	18.1	0.5	0.0
659	EI/Bw	90.1	144.9	154.6	91.3	95.1	46.7	30.3	3.5	2.7	98.2	159.9	201.3	78.4	80.5	22.4	17.4	1.0	0.0
113	EI/Bw+Bw	11.6	26.4	36.8	21.0	11.3	3.2	1.9	0.7	0.0	17.9	31.0	29.1	28.9	3.8	2.0	0.1	0.0	0.0
31	EI/Bw+C/Bw	16.0	11.0	2.8	1.2	0.1	0.0	0.0	0.0	0.0	7.3	18.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0
7	EI/Fpa-f	7.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EI/Fpc	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EI/Fpt	4.0	2.2	3.0	0.3	0.0	0.0	0.0	0.0	0.0	3.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EI/GFo	6.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	EI/GFo-De	87.6	9.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	92.2	7.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
481	EI/GFo-Do	406.2	61.9	11.4	1.0	0.3	0.1	0.0	0.2	0.0	426.2	31.2	21.2	1.8	0.7	0.0	0.0	0.0	0.0
119	EI/GFo-Do+Fpc/GFo-Do	96.1	20.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	106.9	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	EI/GFo-It	41.7	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	41.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	EI/Gt-Do	5.6	5.3	2.6	1.4	0.8	0.0	0.2	0.0	0.2	2.7	6.9	6.1	0.0	0.4	0.0	0.0	0.0	0.0
12	EI/Gt-An	5.9	3.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	1.3	7.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0
41	EI/Gt-It	12.3	17.7	10.2	1.0	0.0	0.0	0.0	0.0	0.0	7.9	23.5	9.2	0.5	0.0	0.0	0.0	0.0	0.0
62	EI/Gt-Sa	36.7	20.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	28.9	26.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0
48	EI+Cr	25.4	13.5	5.9	2.4	0.7	0.1	0.0	0.0	0.0	8.6	16.4	17.6	4.1	1.3	0.0	0.0	0.0	0.0
318	EIf	221.4	74.8	17.9	2.2	0.8	0.5	0.1	0.1	0.1	238.9	66.9	11.2	0.9	0.0	0.0	0.0	0.0	0.0
6	EII/CI	4.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88	EII	51.2	22.7	11.7	1.9	0.6	0.3	0.0	0.0	0.0	50.0	25.3	12.5	0.6	0.0	0.0	0.0	0.0	0.0
42	EII/Fpa-f	39.2	2.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94	EII/GFo-Gu	90.4	3.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	89.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-2

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) in Longitudinal and Cross Slope Classes for Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
209	Ell/Mc+Es/Mc	202.8	5.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	206.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211	Ell/Mc+Ess/Mc	208.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	209.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
371	Es	155.6	97.7	56.9	21.0	17.4	8.0	11.2	2.9	0.2	144.9	103.7	84.7	25.5	9.0	1.8	1.3	0.1	0.0
2	Es/Bu	0.6	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
403	Es/Bw	67.4	86.8	107.5	54.2	47.6	20.0	11.4	5.6	2.7	99.5	91.3	78.7	63.7	49.3	16.2	4.5	0.0	0.0
15	Es/Fpl	12.8	1.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	13.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Es/Fpt	1.1	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Es/Fpt-s	6.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Es/GL	1.2	1.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.9	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
459	Esd	143.3	126.2	101.1	36.2	25.4	11.0	10.0	3.2	2.6	123.2	161.3	116.6	40.7	12.9	4.1	0.1	0.0	0.0
151	Ess/Bw	13.6	25.0	40.1	26.6	25.9	10.4	6.6	2.3	0.8	21.8	28.1	21.3	12.1	24.9	25.7	15.7	1.6	0.0
19	Fd	9.5	8.0	1.1	0.2	0.1	0.0	0.0	0.0	0.0	10.2	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122	Ff	72.0	34.3	11.9	2.6	0.3	0.3	0.0	0.3	0.0	43.5	37.8	20.4	6.7	12.0	1.2	0.0	0.0	0.0
4	Ff/Bw	0.5	0.9	1.2	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.7	0.2	0.0	0.0	0.0
2	Ff/Es	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.3	0.0	0.0	0.0	0.0
8	Ff/Fp-c	3.3	3.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Ff/Fpt	3.8	1.6	0.5	0.0	0.0	0.1	0.0	0.0	0.0	5.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	Ff/GFo-De	8.1	7.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.9	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Ff/GFo-It	3.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Ff/GL	1.3	1.7	1.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0
3	Ff/Gt	2.1	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261	Ffa	107.9	92.4	42.8	9.1	5.8	2.3	1.0	0.1	0.0	8.9	59.1	132.4	26.3	23.4	7.5	3.8	0.0	0.0
984	Ff-c	615.3	240.9	95.4	17.8	9.4	3.2	1.9	0.5	0.0	538.5	204.2	158.6	56.3	22.4	2.8	1.6	0.0	0.0
15	Ff-c/Gt-Sa	3.6	7.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	13.0	1.0	0.0	0.0	0.0	0.0	0.0
11	Ff-c+Cr	7.2	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	5.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0
56	Ff-f	31.3	18.6	4.9	0.7	0.3	0.0	0.0	0.1	0.0	31.2	12.5	12.1	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-2

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) in Longitudinal and Cross Slope Classes for Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
27	Ff-f/Ff-c	27.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	Ff-f/Fpa	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
15	Fp	4.5	5.5	3.5	1.0	0.0	0.0	0.1	0.0	0.0	5.6	3.6	3.4	1.1	0.9	0.0	0.0	0.0	0.0
6	Fp+Cr	3.0	1.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	4.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468	Fpa	428.6	32.9	5.3	0.6	0.4	0.0	0.3	0.0	0.0	446.4	13.7	5.6	1.8	0.6	0.0	0.0	0.0	0.0
26	Fpa/Ff-c	21.5	2.6	1.4	0.1	0.0	0.0	0.0	0.0	0.0	22.0	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
5	Fpa/Fpl	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189	Fpa/GL	139.2	32.2	15.1	1.0	1.0	0.0	0.1	0.0	0.0	137.7	40.7	8.5	1.7	0.0	0.0	0.0	0.0	0.0
22	Fpa-f	20.3	1.1	0.3	0.2	0.3	0.0	0.0	0.0	0.0	20.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
42	Fpa-f/Ff-c	37.1	2.1	1.4	0.8	0.3	0.0	0.0	0.0	0.0	40.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
249	Fpa-f/Fpa-c	219.7	21.0	6.0	1.5	0.5	0.3	0.1	0.0	0.0	238.8	5.2	1.8	1.2	2.0	0.0	0.0	0.0	0.0
26	Fpa-s	20.0	5.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	Fpa-s/Es	12.2	3.0	1.4	0.1	0.4	0.3	0.1	0.0	0.0	12.2	3.8	1.3	0.2	0.0	0.0	0.0	0.0	0.0
142	Fpb-c	96.9	36.4	7.2	0.9	0.6	0.1	0.3	0.0	0.1	103.3	30.0	8.8	0.1	0.2	0.0	0.0	0.0	0.0
19	Fpb-c/GL	9.9	4.9	2.1	0.6	1.0	0.5	0.4	0.0	0.0	14.7	4.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
41	Fpb-f/Fpb-c	23.2	8.7	7.1	0.8	0.3	0.5	0.0	0.0	0.0	25.6	13.6	1.1	0.0	0.4	0.0	0.0	0.0	0.0
145	Fpc	64.1	41.8	22.1	7.2	4.6	2.2	1.7	1.1	0.1	80.0	40.8	19.6	2.8	1.3	0.4	0.0	0.0	0.0
10	Fp-c	6.1	1.6	1.6	0.2	0.1	0.0	0.0	0.0	0.0	9.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	Fpc/B	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
2	Fpc/Bw	0.2	0.1	0.0	0.6	0.6	0.2	0.1	0.0	0.0	0.3	0.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
7	Fpc/Bw+Cr/Bw	1.6	3.2	1.1	0.4	0.3	0.0	0.0	0.0	0.0	2.3	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
3	Fpc/Cr-s	2.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
2	Fpc/Es	0.4	0.0	0.4	0.2	0.2	0.2	0.3	0.0	0.0	0.8	0.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0
3	Fpc/Fpt	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	Fpc/GFo-De	4.5	2.2	1.5	0.3	0.0	0.0	0.0	0.0	0.0	6.9	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1	Fpc/Gt-Sa	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-2

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) in Longitudinal and Cross Slope Classes for Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
1	Fpc+Cr	0.1	0.1	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Fp-f/Fp-c	1.7	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	Fpl	41.7	0.9	0.3	0.5	0.2	0.0	0.0	0.0	0.0	39.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102	Fpm	56.8	20.8	16.2	3.6	1.7	0.6	0.5	0.9	0.6	76.5	21.5	3.3	0.0	0.3	0.2	0.0	0.0	0.0
2	Fpm/GL	0.8	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	Fpm-c	8.1	1.9	0.4	0.0	0.2	0.0	0.0	0.0	0.0	9.4	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0
10	Fpm-c/Fpm-c	6.7	1.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Fpm-f	3.6	0.9	0.2	0.2	0.6	0.1	0.0	0.0	0.0	3.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	Fpm-f/Ff-c	14.2	0.8	0.1	0.0	0.2	0.0	0.1	0.0	0.1	15.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2	Fpm-f/Fpl	1.9	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	1.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116	Fpm-f/Fpm-c	79.7	22.3	10.1	1.7	0.6	0.5	0.5	0.1	0.0	107.6	5.8	2.1	0.1	0.0	0.0	0.0	0.0	0.0
1	Fpm-s	0.2	0.4	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	Fpm-s/Fpl	5.9	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469	Fpt	439.8	19.9	6.7	1.2	0.6	0.2	0.2	0.0	0.2	441.7	23.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0
9	Fpt/Bw	3.6	2.5	1.5	0.6	0.3	0.1	0.4	0.3	0.0	4.2	3.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0
13	Fpt-s	12.4	0.5	0.0	0.1	0.0	0.1	0.0	0.0	0.0	12.3	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0
39	G+GF	19.9	11.9	5.6	1.4	0.3	0.1	0.2	0.0	0.0	25.3	12.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0
3	GFk	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	GFo	11.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	5.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0
61	GFo-De	25.6	22.7	10.9	0.9	0.3	0.0	0.0	0.2	0.0	5.0	23.9	30.9	0.7	0.0	0.0	0.0	0.0	0.0
246	GFo-Do	198.9	35.9	5.7	1.9	1.7	0.5	0.7	0.1	0.0	210.9	26.8	7.5	0.1	0.2	0.0	0.0	0.0	0.0
14	GFo-It	8.8	1.9	0.7	1.0	0.5	0.3	0.0	0.0	0.4	10.4	2.4	0.1	0.6	0.0	0.0	0.0	0.0	0.0
45	GFo-Sa	34.4	9.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	3.5	25.3	14.6	1.5	0.0	0.0	0.0	0.0	0.0
61	GL	40.2	16.6	3.8	0.4	0.2	0.0	0.0	0.0	0.0	23.7	6.4	30.0	1.2	0.0	0.0	0.0	0.0	0.0
35	Gt-An	16.6	11.3	5.4	1.1	0.4	0.1	0.1	0.1	0.0	17.6	10.7	6.8	0.0	0.0	0.0	0.0	0.0	0.0
3	Gt-An/Bw	1.4	0.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-2

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) in Longitudinal and Cross Slope Classes for Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
18	Gt-An/Bw+Bw	4.8	6.3	6.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	3.2	3.5	6.4	5.3	0.0	0.0	0.0	0.0
166	Gt-De	51.1	59.3	32.9	11.7	6.5	2.8	1.6	0.0	0.0	53.8	62.2	43.5	5.5	1.0	0.0	0.0	0.0	0.0
173	Gt-Do	33.3	46.6	45.0	19.1	15.4	6.8	4.0	2.1	1.1	31.9	55.0	57.3	19.0	8.8	0.5	0.8	0.0	0.0
238	Gt-It	93.3	81.4	43.6	10.1	6.9	0.9	1.0	0.4	0.2	45.5	70.1	70.6	34.8	14.8	2.0	0.0	0.0	0.0
5	Gt-It/B	0.9	1.6	0.6	0.5	0.5	0.1	0.2	0.0	0.0	1.7	0.8	1.0	1.0	0.0	0.0	0.0	0.0	0.0
313	Gt-It/Bw	106.2	100.6	68.3	21.3	10.2	3.4	2.1	0.2	0.3	15.5	19.6	45.2	84.3	62.1	36.9	41.9	7.0	0.0
37	Gt-It+GFk	11.7	13.1	7.1	3.1	0.9	0.1	0.3	0.1	0.2	11.8	17.2	6.5	1.2	0.0	0.0	0.0	0.0	0.0
107	Gt-Sa	50.4	40.9	11.8	2.7	0.7	0.2	0.1	0.0	0.0	41.6	40.9	22.6	1.7	0.0	0.0	0.0	0.0	0.0
4	H	1.5	0.9	0.6	0.0	0.2	0.1	0.1	0.0	0.0	1.1	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
30	Hf	3.5	6.4	6.6	3.9	2.3	2.2	4.3	0.6	0.1	6.0	7.0	7.3	5.1	2.6	1.2	0.6	0.0	0.0
1	Hf/EI	0.2	0.1	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
7	Ht	1.7	1.4	1.3	1.0	1.1	0.1	0.4	0.0	0.2	4.5	1.6	1.1	0.1	0.0	0.0	0.0	0.0	0.0
1	Ht+Fpc	0.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	Lt	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	Lt/Mc	69.4	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	70.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	Lt/Mc+Fpc/Mc	7.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	O	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	O/Cr	2.4	3.1	1.2	0.3	0.0	0.0	0.0	0.0	0.0	3.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	O/EI	2.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
29	O/EIf	24.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
3	O/Ff	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	O/Ff-c	13.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	O/Ff-f	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	O/Fpa	9.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	O/Fpa-f	3.1	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	O/Fpl	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-2

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Area (Acres) in Longitudinal and Cross Slope Classes for Terrain Units along the Alaska Mainline

Total Acres ^a	Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
22	O/Fpm	19.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	O/Fpt	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	O/G+O/GF	18.7	3.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	21.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	O/GFo	5.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1	O/Gt-Do	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	O/L	6.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	W	26.3	2.0	0.4	0.1	0.0	0.3	0.0	0.2	0.0	28.2	0.5	0.1	0.2	0.3	0.0	0.0	0.0	0.0

^a Total acres is the cumulative acres of the terrain unit within the construction footprint (right-of-way plus additional temporary workspace) of the Alaska Mainline. Acreage data for right-of-way width was determined using Geographic Information System footprint that accurately depicts variable right-of-way footprint as described in Section 1.4 of Resource Report 1 and Appendices 1H and 1J. Some terrain units have two acreage values because the terrain unit was located in a different permafrost zone and had different permafrost characteristics. Values total to 16,213.6 acres.

^b Terrain unit symbol as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.

^c Longitudinal and cross slope gradients determined as indicated and discussed in Sections 7.2.4, 7.3.7, and 7.5.1.3 of Resource Report 7.

TABLE 7A-3

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
0.0	0.1	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	1.1	0.0
0.1	0.1	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.1	0.0
0.1	0.1	W	WATER	WATER	0	0	100	0.00	NA	0.4	0.0
0.1	0.6	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	8.9	0.0
0.6	0.6	W	WATER	WATER	0	0	100	0.00	NA	0.3	0.0
0.6	0.6	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.1	0.0
0.6	0.6	W	WATER	WATER	0	0	100	0.00	NA	1.4	0.0
0.6	0.7	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.6	0.1
0.7	1.4	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	14.1	0.0
1.4	1.4	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.6	0.0
1.4	1.4	W	WATER	WATER	0	0	100	0.00	NA	0.4	0.0
1.4	1.5	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	1.1	0.0
1.5	1.5	W	WATER	WATER	0	0	100	0.00	NA	0.6	0.0
1.5	1.7	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	3.8	0.0
1.7	2.8	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	18.8	0.0
2.8	4.2	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	22.5	5.8
4.2	4.3	Fpm	ALLUVIAL_TU	GRAVEL_NO	100	0	100	5.00	Poor to Good	0.5	0.7
4.3	5.1	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	17.0	0.0
5.1	5.5	Lt/Mc+Fpc /Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	7.6	0.0
5.5	6.3	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	15.5	0.0
6.3	6.4	W	WATER	WATER	0	0	100	0.00	NA	1.4	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
6.4	7.0	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	11.3	0.0
7.0	7.0	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	1.4	0.0
7.0	7.1	W	WATER	WATER	0	0	100	0.00	NA	0.1	0.0
7.1	7.1	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.0	0.0
7.1	7.2	W	WATER	WATER	0	0	100	0.00	NA	3.1	0.0
7.2	8.9	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	30.4	0.0
8.9	8.9	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.6	0.0
8.9	9.0	W	WATER	WATER	0	0	100	0.00	NA	1.2	0.0
9.0	9.2	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	3.2	0.0
9.2	9.3	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	2.7	0.0
9.3	9.5	W	WATER	WATER	0	0	100	0.00	NA	3.3	0.0
9.5	9.7	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	4.2	0.0
9.7	10.0	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	4.4	0.0
10.0	10.0	W	WATER	WATER	0	0	100	0.00	NA	0.5	0.0
10.0	10.1	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	2.6	0.0
10.1	11.1	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	18.3	0.0
11.1	11.4	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	5.3	0.0
11.4	11.4	W	WATER	WATER	0	0	100	0.00	NA	0.4	0.0
11.4	11.4	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.0	0.0
11.4	11.5	W	WATER	WATER	0	0	100	0.00	NA	0.5	0.0
11.5	11.7	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	4.7	0.0
11.7	11.8	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	1.8	0.0

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
11.8	12.2	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	7.1	0.0
12.2	15.9	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	67.5	0.0
15.9	16.4	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	9.2	0.0
16.4	16.8	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	6.9	0.0
16.8	16.9	W	WATER	WATER	0	0	100	0.00	NA	1.5	0.0
16.9	17.8	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	16.8	0.0
17.8	17.8	O/Fpt	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	4.50	Poor	0.6	0.0
17.8	20.2	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	43.6	0.0
20.2	20.3	Fpc/Fpt	ALLUVIAL_TU	GRANULAR_FEW_OVER_GRAN_FREQ	100	0	100	4.50	Poor to Good	2.9	0.0
20.3	22.7	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	21.7	22.2
22.7	22.8	W	WATER	WATER	0	0	100	0.00	NA	1.5	0.0
22.8	27.0	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	77.2	0.0
27.0	27.0	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	1.0	0.0
27.0	27.1	W	WATER	WATER	0	0	100	0.00	NA	0.8	0.0
27.1	27.1	EII/Mc+Es s/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	0.4	0.0
27.1	27.1	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	0.2	0.0
27.1	27.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	2.4	0.0
27.2	31.1	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	71.5	0.0
31.1	31.3	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	4.3	0.0
31.3	35.1	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	67.9	0.0
35.1	35.2	EII/Mc+Es/	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to	2.2	0.0

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
		Mc							Moderate		
35.2	35.5	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	6.6	0.0
35.5	35.6	W	WATER	WATER	0	0	100	0.00	NA	0.8	0.0
35.6	35.9	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	6.1	0.0
35.9	35.9	W	WATER	WATER	0	0	100	0.00	NA	0.7	0.0
35.9	36.3	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	7.3	0.0
36.3	36.3	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.3	0.0
36.3	36.7	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	6.3	0.0
36.7	36.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.8	0.0
36.7	41.8	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	33.7	61.9
41.8	41.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.4	0.0
41.8	42.6	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	12.2	2.8
42.6	42.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.5	0.0
42.7	43.6	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	18.1	0.0
43.6	43.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	2.9	0.0
43.8	43.8	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	1.7	0.2
43.8	44.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to	6.1	0.0

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
								Good			
44.1	46.9	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	52.9	0.0
46.9	46.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.0
46.9	47.1	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	3.3	0.0
47.1	47.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	2.1	0.0
47.2	53.9	EII/Mc+Es/ Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	119.0	5.4
53.9	53.9	W	WATER	WATER	0	0	100	0.00	NA	0.5	0.0
53.9	54.3	EII/Mc+Es/ Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	7.2	0.0
54.3	54.4	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.2	0.0
54.4	55.4	EII/Mc+Es/ Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	22.8	0.0
55.4	55.4	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.3	0.0
55.4	55.8	EII/Mc+Es/ Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	6.8	0.0
55.8	55.9	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	1.0	0.0
55.9	55.9	EII/Mc+Es/ Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	1.4	0.0
55.9	55.9	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	0.2	0.0
55.9	56.2	EII/Mc+Es/ Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	5.3	0.0
56.2	56.5	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	5.3	0.0
56.5	57.6	EII/Mc+Es/ Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	18.9	0.1

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
57.6	58.1	Lt/Mc	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.50	Poor	9.6	0.0
58.1	59.2	EII/Mc+Es/Mc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.25	Poor to Moderate	19.5	0.1
59.2	63.7	EII/GFo-Gu	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	3.50	Poor to Moderate	89.8	0.0
63.7	63.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.9	0.1
63.7	63.9	EII/GFo-Gu	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Moderate	4.3	0.1
63.9	64.2	EII/CI	EOLIAN_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor to Moderate	5.8	0.0
64.2	64.3	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	2.9	0.1
64.3	64.4	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Poor to Good	0.7	0.0
64.4	64.4	EI/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.33	Poor to Good	1.9	0.0
64.4	65.9	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Poor to Good	29.0	1.0
65.9	65.9	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	0.1	0.1
65.9	66.7	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Poor to Good	14.1	4.1
66.7	67.2	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	11.7	1.5
67.2	67.3	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.6	0.7
67.3	67.4	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	1.6	0.0
67.4	67.6	CI	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Poor to Moderate	0.0	5.4
67.6	67.8	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	3.8	0.0
67.8	68.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Poor to	6.0	1.7

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
68.1	68.3	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	4.2	0.0
68.3	68.4	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Poor to Good	1.4	0.2
68.4	68.6	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	0.9	3.1
68.6	68.6	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.3	0.4
68.6	68.6	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	0.2	0.1
68.6	68.7	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Moderate	0.7	0.0
68.7	69.1	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	7.9	1.5
69.1	69.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.5	0.2
69.1	69.5	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	3.1	4.1
69.5	70.0	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Poor to Good	9.7	0.9
70.0	70.3	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	6.6	0.4
70.3	70.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.3	0.0
70.4	70.7	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	5.6	0.2
70.7	70.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.8	0.0
70.7	70.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.9	0.0
70.7	70.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.4	0.0
70.7	71.2	Cs/Gt-Gu	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate	4.2	4.3
71.2	71.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.1	0.0
71.2	71.2	Cs/Gt-Gu	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate	0.0	0.0
71.2	71.3	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to	1.5	0.0

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
71.3	71.4	Cs/Gt-Gu	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate	0.5	2.4
71.4	71.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.0	0.0
71.5	72.7	Cs/Gt-Gu	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate	16.1	10.6
72.7	72.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.2	1.7
72.8	73.0	Cs/Gt-Gu	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate	1.4	1.0
73.0	73.0	El/Gt-An	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	0.0	0.5
73.0	73.3	Cs/Gt-Gu	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate	0.6	5.9
73.3	73.5	El/Gt-An	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	1.4	3.1
73.5	73.8	Cs/Gt-Gu	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate	0.0	5.8
73.8	73.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.6
73.8	73.9	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Moderate	0.0	2.8
73.9	74.0	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Moderate	1.5	0.0
74.0	74.0	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Moderate	0.5	0.2
74.0	74.1	Cs/Fpt	COLLUVIAL_TU	GRANULAR_FEW	100	0	100	3.50	Moderate	0.0	2.6
74.1	75.1	GFo-Sa	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Moderate to Good	11.4	10.7
75.1	75.2	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	1.3	0.0
75.2	75.3	GFo-Sa	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Moderate to Good	0.6	1.7
75.3	75.3	Cs/Fpt	COLLUVIAL_TU	GRANULAR_FEW	100	0	100	3.50	Moderate	0.5	0.7
75.3	76.0	GFo-Sa	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Moderate to Good	12.4	3.5

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
76.0	76.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.5
76.1	76.2	GfO-Sa	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Moderate to Good	3.6	0.3
76.2	76.3	Fpb-f/Fpb-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor	1.4	0.0
76.3	78.1	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	29.7	5.0
78.1	78.3	Fp-c	ALLUVIAL_TS	GRANULAR_FEW	0	100	100	1.00	Good	4.6	0.0
78.3	78.4	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	2.8	0.7
78.4	78.5	GfO-Sa	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Moderate to Good	0.6	0.0
78.5	78.5	Fp-c	ALLUVIAL_TS	GRANULAR_FEW	0	100	100	1.00	Good	1.6	0.0
78.5	78.6	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	1.3	0.0
78.6	78.6	Fp-c	ALLUVIAL_TS	GRANULAR_FEW	0	100	100	1.00	Good	1.0	0.0
78.6	82.8	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	68.1	15.0
82.8	82.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.6	0.0
82.8	82.8	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	0.1	0.0
82.8	83.1	El/Gt-An	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	5.9	0.7
83.1	83.2	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Moderate	0.9	1.6
83.2	83.3	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.3	1.0
83.3	84.1	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	9.0	6.4
84.1	84.2	Cr	COLLUVIAL_TU	FINE GR NO	100	0	100	5.00	Poor	2.0	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
84.2	84.5	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	6.1	0.0
84.5	84.7	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	4.3	0.0
84.7	84.8	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	0.6	0.7
84.8	84.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.2	0.0
84.9	85.0	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	3.2	0.0
85.0	85.5	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	9.1	0.0
85.5	85.9	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	7.4	2.8
85.9	86.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	2.4	0.6
86.1	86.6	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	5.1	7.7
86.6	86.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.6	0.4
86.7	86.7	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Moderate	0.7	0.0
86.7	87.3	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	5.5	6.3
87.3	87.3	Fpt	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	0.9	0.0
87.3	87.4	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.0	0.7
87.4	89.1	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	16.3	18.6
89.1	89.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	8.1	0.0
89.5	90.1	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	8.6	4.8
90.1	90.3	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	1.3	2.0
90.3	90.3	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	0.0	0.2
90.3	90.4	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	0.0	2.6
90.4	90.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to	0.3	0.5

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
90.5	91.2	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	99	4.00	Moderate	2.1	12.9
91.2	91.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	1.2
91.2	91.9	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	1.3	11.8
91.9	91.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.7	0.0
91.9	92.1	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	2.9	0.5
92.1	92.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.1	0.0
92.2	92.5	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	6.0	0.0
92.5	92.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.1	0.0
92.6	93.1	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	0.9	9.2
93.1	93.1	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.6	0.0
93.1	93.2	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	0.1	0.0
93.2	93.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.1	0.0
93.3	93.7	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	7.3	0.3
93.7	93.8	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	1.4	0.0
93.8	94.8	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	18.0	4.1
94.8	94.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.2	0.0
94.9	95.2	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	4.3	2.9
95.2	95.2	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	0.1	0.0
95.2	95.3	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	1.9	0.0
95.3	95.5	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	3.6	0.0
95.5	95.5	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	0.1	0.0

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
95.5	95.7	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	1.7	3.6
95.7	95.9	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	0.8	2.1
95.9	95.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.0	0.0
95.9	97.0	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	21.2	0.6
97.0	97.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.1	0.0
97.0	97.2	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	3.5	0.0
97.2	97.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.8	0.0
97.2	98.3	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	6.8	14.2
98.3	98.5	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	4.3	0.0
98.5	99.4	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	7.3	10.9
99.4	100.0	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	3.7	9.1
100.0	100.1	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.7	0.0
100.1	100.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.9	0.3
100.1	100.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	1.7
100.2	101.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	11.6	9.4
101.2	101.2	El/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	0.0	1.2
101.2	101.3	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	1.7
101.3	101.4	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.3	0.8
101.4	101.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	1.9
101.5	101.5	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.3	0.8
101.5	102.0	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	8.2	1.8
102.0	102.1	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	2.1	0.0
102.1	102.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	3.1	0.0

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
102.2	102.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.9	0.0
102.3	102.8	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	10.8	1.3
102.8	103.0	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	0.7	1.9
103.0	103.7	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	15.0	0.0
103.7	103.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.0	0.0
103.7	104.4	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	14.6	0.2
104.4	104.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.7	0.0
104.5	104.7	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	4.4	0.0
104.7	104.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.8
104.7	105.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	14.3	2.0
105.5	105.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.7
105.5	105.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	7.3	0.6
105.9	106.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.5	0.1
106.0	106.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	8.8	2.7
106.5	106.6	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.6	0.0
106.6	106.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	6.7	0.4
106.9	107.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.2	0.0
107.0	107.0	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.2	0.4
107.0	107.1	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	0.6	1.3

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
107.1	107.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.1	1.3
107.2	107.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.6	0.0
107.2	107.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	3.0	6.0
107.6	107.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.8	0.4
107.7	107.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	3.5	1.6
107.9	108.0	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	1.2	0.0
108.0	108.1	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.8	0.8
108.1	108.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.8	4.6
108.4	108.4	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.8	0.0
108.4	109.0	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	12.3	0.0
109.0	109.1	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.8	0.0
109.1	109.3	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	2.2	1.6
109.3	109.3	GFo-It	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	1.0	0.0
109.3	109.5	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	83	17	83	3.00	Poor	3.1	0.2
109.5	109.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	90	10	90	5.00	Poor to Good	1.5	0.3
109.5	109.8	EI/GFo-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	1.50	Poor to Good	4.9	0.0
109.8	109.9	GFo-It	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	2.3	0.1
109.9	111.2	EI/GFo-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	1.50	Poor to Good	29.4	0.0
111.2	111.4	GFo-It	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	4.4	0.0
111.4	111.5	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	4.00	Poor to Moderate	2.6	0.0
111.5	114.1	Cs/GFo-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	49.5	0.2
114.1	114.4	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to	6.3	0.0

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
114.4	114.5	EI/GFo-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	1.50	Poor to Good	2.4	0.0
114.5	115.0	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	9.1	0.2
115.0	115.2	EI/GFo-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	1.50	Poor to Good	5.6	0.2
115.2	115.7	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	1.0	8.7
115.7	115.7	EI/GFo-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	1.50	Poor to Good	0.1	0.0
115.7	116.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	2.0	6.8
116.2	116.2	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	1.5	0.2
116.2	116.3	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	0.8
116.3	116.3	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	0.2	0.0
116.3	116.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	2.7	1.5
116.5	116.7	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	4.5	0.3
116.7	117.3	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	6.3	5.7
117.3	118.0	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	10.4	4.4
118.0	118.1	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	0.5	2.7
118.1	118.4	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	5.6
118.4	118.4	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	0.0	0.8
118.4	119.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	5.2	10.1
119.2	119.4	EI/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	5.2	0.0

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
119.4	119.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.6	0.6
119.5	119.5	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.0	0.0
119.5	120.3	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	16.1	1.7
120.3	120.3	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.3	0.0
120.3	120.4	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.3	0.0
120.4	120.6	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	5.0	0.0
120.6	120.7	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	1.1
120.7	121.2	El/Gt-It	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	9.9	1.4
121.2	122.4	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	4.7	20.3
122.4	122.4	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.6	0.8
122.4	122.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	1.2
122.5	122.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.4	0.3
122.5	123.0	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.3	9.7
123.0	123.2	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.0	2.8
123.2	123.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	5.4	2.2
123.5	123.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.1	0.1
123.5	124.3	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	13.8	2.2
124.3	124.5	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	2.8	0.6
124.5	125.3	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	17.6	0.0
125.3	125.7	Cr/Gt-Sa	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor	6.2	0.0
125.7	125.9	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	5.2	0.0
125.9	126.1	Cr/Gt-Sa	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor	4.0	0.0
126.1	126.4	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	4.8	0.0

TABLE 7A-3

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Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
126.4	126.6	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	5.2	0.0
126.6	127.0	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	8.5	0.0
127.0	127.1	Cr/Gt-Sa	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor	1.6	0.0
127.1	127.5	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	3.00	Poor to Moderate	7.3	0.8
127.5	127.6	Cr/Gt-Sa	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor	0.8	0.9
127.6	128.2	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	13.1	0.1
128.2	128.4	Cr/Gt-Sa	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor	3.7	0.0
128.4	128.6	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	4.0	0.0
128.6	128.7	Cr/Gt-Sa	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor	2.5	0.0
128.7	129.4	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	13.5	1.9
129.4	129.5	Fpc/Gt-Sa	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Poor to Good	1.4	0.0
129.5	129.7	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	4.5	1.2
129.7	129.8	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	1.0	0.0
129.8	130.3	Cr/Gt-Sa	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor	4.8	7.7
130.3	130.3	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	0.0	0.4
130.3	130.4	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	3.00	Poor to Moderate	0.4	1.4
130.4	131.7	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	10.3	16.0
131.7	131.8	GFo-It	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	3.7	0.0
131.8	132.0	Fpm	ALLUVIAL_TU	GRAVEL_NO	93	7	93	3.00	Poor to Good	3.7	0.2
132.0	132.1	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	0.0	2.4
132.1	132.1	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	3.00	Poor to Moderate	0.0	0.8
132.1	132.3	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	0.0	2.7

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
132.3	132.3	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	3.00	Poor to Moderate	0.0	1.0
132.3	132.6	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	5.1	0.6
132.6	132.8	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	3.00	Poor to Moderate	3.4	0.1
132.8	133.0	El/Gt-Sa	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor to Good	0.0	6.3
133.0	134.6	Cs/Gt-Sa	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	4.00	Moderate	14.4	19.0
134.6	136.3	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	12.8	23.1
136.3	136.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	6.2
136.6	137.0	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	3.6	5.8
137.0	137.7	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	14.8
137.7	137.9	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.0	3.6
137.9	137.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	1.5
137.9	138.0	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.0	1.7
138.0	138.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	3.1	2.0
138.2	138.3	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	1.7	0.0
138.3	138.4	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.5	2.6
138.4	138.7	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.1	7.7
138.7	139.4	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	8.7	8.4
139.4	139.5	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.6	0.0
139.5	140.1	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	7.3	7.2
140.1	140.2	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	1.1	0.0
140.2	140.3	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.9	2.1
140.3	140.4	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	1.0	0.3
140.4	144.4	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	22.7	62.8
144.4	144.8	GL	LACUSTRINE_TU	FINE_GR_NO	100	0	100	5.00	Poor	8.4	1.5

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
144.8	145.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	8.4
145.2	145.5	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	0.0	6.8
145.5	145.7	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	4.1
145.7	145.7	GL	LACUSTRINE_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.5
145.7	145.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	3.6
145.9	146.0	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	0.0	1.5
146.0	146.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	4.1
146.2	146.4	GL	LACUSTRINE_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	5.1
146.4	147.1	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.3	12.1
147.1	148.0	GL	LACUSTRINE_TU	FINE_GR_NO	100	0	100	5.00	Poor	9.3	12.2
148.0	148.1	Es/GL	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Moderate to Good	1.8	0.7
148.1	148.2	Fpm	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	1.2	0.4
148.2	148.4	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	1.2	4.0
148.4	148.5	Bu+C/Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.67	Poor to Good	3.4	0.0
148.5	149.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.6	22.3
149.6	149.7	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	2.2	0.0
149.7	149.8	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.1	3.2
149.8	150.5	GL	LACUSTRINE_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	13.7
150.5	150.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	9.6
150.9	151.2	Ff/GL	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.50	Good	0.6	4.2
151.2	151.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	1.2
151.2	151.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	96	1.00	Good	2.4	5.2
151.5	152.3	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	97	3	97	3.50	Moderate	5.3	12.2

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
152.3	152.4	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.4	0.0
152.4	152.5	GL	LACUSTRINE_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.4	0.0
152.5	152.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	2.5	0.0
152.6	152.9	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	6.3	0.0
152.9	153.2	GL	LACUSTRINE_TU	FINE_GR_NO	100	0	100	5.00	Poor	4.3	3.9
153.2	154.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	11.2	7.1
154.1	154.6	C/Gt-It	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.50	Poor to Good	1.6	9.6
154.6	154.7	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	3.1	0.0
154.7	157.6	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	63.9	0.0
157.6	158.0	C/Gt-It	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.50	Poor to Good	1.0	8.3
158.0	159.4	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	33.0	0.0
159.4	159.4	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	1.5	0.0
159.4	159.4	C/Gt-It	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.50	Poor to Good	0.3	0.0
159.4	159.8	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	8.5	0.0
159.8	160.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	80	1.00	Good	4.6	0.7
160.1	160.2	C/Gt-It	COLLUVIAL_TS	GRANULAR_FREQ	0	100	82	2.50	Poor to Good	1.0	2.1
160.2	160.4	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	91	1.00	Good	0.7	3.8
160.4	160.4	Ca	COLLUVIAL_TS	FINE_GR_FREQ	0	100	83	2.00	Poor to Moderate	0.3	0.4
160.4	160.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	97	1.00	Good	10.6	1.5
160.9	162.3	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	30.8	0.0
162.3	162.5	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	4.3	0.2
162.5	162.6	Ct	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	0.2	0.0

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
162.6	163.6	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	1.7	21.5
163.6	163.7	Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Good	2.0	0.0
163.7	164.1	C/Gt-It	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.50	Poor to Good	0.3	10.4
164.1	164.6	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	14.9	0.0
164.6	165.6	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	97	1.00	Good	21.3	2.7
165.6	165.7	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	3.7	0.0
165.7	165.9	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	5.0	0.0
165.9	166.1	Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Good	5.8	0.0
166.1	166.2	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	1.1	0.0
166.2	166.4	Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Good	4.6	0.0
166.4	166.4	C/Gt-It	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.50	Poor to Good	0.1	0.5
166.4	166.4	Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Good	1.1	0.1
166.4	166.5	C/Gt-It	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.50	Poor to Good	0.0	1.2
166.5	166.7	Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Good	3.4	0.0
166.7	167.1	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	11.7	0.0
167.1	167.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.5	18.9
167.9	168.5	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	15.7	0.0
168.5	168.8	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	2.8	4.4
168.8	169.1	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	5.9	0.9
169.1	169.6	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	85	2.00	Good	11.9	0.0

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
169.6	169.8	Ff/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Good	4.4	0.0
169.8	170.6	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.67	Poor to Good	16.6	0.0
170.6	171.2	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	14.9	0.0
171.2	171.2	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	100	1.00	Moderate to Good	0.0	0.8
171.2	171.5	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	5.5	0.0
171.5	171.5	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	100	1.00	Moderate to Good	0.1	1.3
171.5	171.5	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	1.2	0.0
171.5	171.6	Cg	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Good	0.0	1.8
171.6	171.7	Ct	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	0.0	2.9
171.7	171.7	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	100	1.00	Moderate to Good	0.0	0.2
171.7	171.8	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	1.7	1.4
171.8	171.9	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	100	1.00	Moderate to Good	0.1	0.5
171.9	172.0	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	98	1.50	Moderate	3.7	0.0
172.0	172.0	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Moderate	0.4	0.0
172.0	172.1	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	2.4	0.0
172.1	172.2	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	100	1.00	Moderate to Good	1.5	0.0
172.2	172.4	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Moderate	4.3	0.0
172.4	173.1	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	98	1.00	Moderate to Good	4.4	15.0
173.1	173.2	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Good	2.8	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
173.2	173.4	CI	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Poor to Moderate	0.0	3.1
173.4	173.6	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Good	6.0	0.0
173.6	173.9	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	5.9	0.0
173.9	174.2	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Good	7.7	0.0
174.2	174.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.2	5.9
174.5	174.5	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	95	1.00	Good	0.5	0.2
174.5	174.6	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	70	1.00	Moderate to Good	2.1	0.7
174.6	175.1	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	96	4	96	3.50	Moderate	0.2	11.1
175.1	175.2	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	1.8	0.0
175.2	175.3	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.2	2.3
175.3	175.4	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	2.6	0.0
175.4	176.5	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	14.3	12.0
176.5	176.7	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	5.3	0.4
176.7	177.1	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	7.0	1.3
177.1	177.2	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.9	2.7
177.2	177.2	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	0.0	0.0
177.2	179.2	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	33	1.00	Good	46.6	0.0
179.2	179.3	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	1.8	0.0
179.3	179.4	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	4.4	0.0
179.4	180.1	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	20.3	0.0
180.1	180.2	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Moderate	1.8	0.0
180.2	180.2	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	0.4	0.0

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
180.2	180.2	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Moderate	0.9	0.0
180.2	180.3	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	1.2	0.0
180.3	180.3	Bu+C/Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.67	Poor to Good	1.6	0.0
180.3	180.4	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	1.7	0.0
180.4	180.4	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.67	Poor to Good	0.6	0.0
180.4	180.5	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	0.9	0.0
180.5	180.5	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.67	Poor to Good	1.3	0.0
180.5	181.0	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Good	12.3	0.0
181.0	181.4	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	25	1.00	Good	9.5	0.0
181.4	181.4	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.00	Poor to Good	1.5	0.0
181.4	181.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	34	1.00	Good	10.1	0.3
181.8	182.4	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	72	1.50	Moderate	13.1	0.1
182.4	182.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	70	1.00	Good	0.0	3.0
182.5	182.8	C/Bw+Bu	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	99	1.67	Poor to Good	6.4	0.0
182.8	183.2	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	9.4	0.0
183.2	183.6	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	0.0	8.9
183.6	183.6	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	70	1.00	Good	0.0	1.3
183.6	184.0	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	70	1.50	Moderate	8.0	0.0
184.0	184.2	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	70	1.00	Good	0.1	4.1
184.2	184.2	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	70	1.50	Moderate	1.3	0.0
184.2	184.3	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	87	1.00	Good	0.0	2.6

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
184.3	184.7	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	9.7	0.0
184.7	184.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	84	1.00	Good	0.4	3.5
184.9	184.9	C/Bw+Bu	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.67	Poor to Good	0.0	0.0
184.9	185.5	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	14.3	0.0
185.5	186.0	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.0	12.8
186.0	186.1	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	48	1.50	Moderate	2.3	0.2
186.1	186.2	Fpb-f/Fpb- c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.50	Poor	0.0	0.4
186.2	186.3	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	21	1.50	Moderate	3.5	0.0
186.3	186.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	5	1.00	Good	5.3	0.2
186.5	186.6	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	1.50	Moderate	3.0	0.0
186.6	186.7	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	2.3	0.0
186.7	187.3	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	1.50	Moderate	14.1	0.0
187.3	187.6	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	20	1.00	Good	7.2	0.0
187.6	187.8	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	6.0	0.0
187.8	187.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	1.8	0.0
187.9	190.4	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	61	1.50	Moderate	51.5	0.0
190.4	190.4	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.4	0.2
190.4	190.4	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	100	1.00	Moderate to Good	0.0	0.6
190.4	190.4	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	75	1.00	Good	1.3	0.1
190.4	190.5	Fpa	ALLUVIAL_TU	GRAVEL_NO	97	3	97	3.00	Poor to Good	1.5	0.5
190.5	190.7	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	3.8	0.3
190.7	190.7	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	0.0	0.2

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
190.7	190.8	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	1.3	0.8
190.8	190.8	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	0.2	0.0
190.8	190.8	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	0.7	0.3
190.8	192.1	Fpa	ALLUVIAL_TU	GRAVEL_NO	67	33	67	3.00	Poor to Good	13.2	11.9
192.1	192.2	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	3.6	0.0
192.2	192.4	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	53	1.00	Good	4.6	0.3
192.4	192.6	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	2.3	3.3
192.6	192.7	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	1.9	0.0
192.7	192.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.0	2.2
192.8	193.4	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	48	1.50	Moderate	15.3	0.3
193.4	194.4	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	32	1.00	Good	17.4	6.5
194.4	195.9	Fpa	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	29.5	0.0
195.9	196.7	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	3	1.50	Moderate	19.6	0.0
196.7	196.7	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Good	0.7	0.0
196.7	196.9	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	33	1.50	Moderate	3.6	0.0
196.9	196.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	0.3	0.0
196.9	196.9	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	0	1.00	Moderate to Good	0.3	0.0
196.9	196.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	29	1.00	Good	1.2	0.0
196.9	196.9	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	81	1.00	Moderate to Good	0.3	0.0
196.9	197.0	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.5	0.5
197.0	198.1	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	26.4	0.0
198.1	198.2	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	2.9	1.2

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
198.2	200.2	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	47.8	0.0
200.2	200.7	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	97	1.00	Good	1.0	10.4
200.7	201.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	29.7
201.9	202.0	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	98	2.00	Poor to Good	1.1	0.0
202.0	202.1	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	3.5
202.1	202.6	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	0.0	12.0
202.6	203.3	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	15.2
203.3	203.4	Cs/Ff	COLLUVIAL_TU	GRANULAR_FEW	100	0	100	3.50	Moderate	0.3	1.8
203.4	203.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	96	1.00	Good	8.3	1.6
203.8	204.0	Cs/Ff-c	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	3.1	0.0
204.0	204.4	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	5.00	Moderate	2.7	5.5
204.4	204.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	98	1.00	Good	6.7	4.3
204.8	206.8	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	45.9
206.8	207.5	Gt-It/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	15.7	1.0
207.5	207.7	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	96	1.00	Good	4.9	0.8
207.7	208.3	Fd	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	9.0	2.4
208.3	209.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	37.0	0.4
209.8	210.2	Fd	ALLUVIAL_TU	GRAVEL_NO	96	4	96	4.00	Poor to Good	6.9	0.7
210.2	211.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	22.4	0.3
211.1	211.5	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	99	1	99	4.00	Poor to Good	4.6	4.9
211.5	211.6	Fpb-f/Fpb-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	1	2.50	Poor	0.4	1.4
211.6	211.7	Fpb-c/GL	ALLUVIAL_TU	GRANULAR_FREQ	0	100	0	3.00	Good	1.7	0.0

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
211.7	213.4	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	81	19	81	4.00	Poor to Good	33.7	1.8
213.4	213.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	2.4	0.0
213.5	213.9	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	9.8	0.0
213.9	214.1	Fpb-c/GL	ALLUVIAL_TU	GRANULAR_FREQ	53	47	53	3.00	Good	4.8	0.0
214.1	214.2	Fpb-f/Fpb-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.50	Poor	2.3	0.0
214.2	214.3	Fpb-c/GL	ALLUVIAL_TU	GRANULAR_FREQ	0	100	0	3.00	Good	3.2	0.0
214.3	214.4	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	34	66	34	4.00	Poor to Good	1.3	0.0
214.4	215.6	Ffa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.00	Good	30.8	0.0
215.6	215.8	Ff/Gt	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	2.50	Good	3.4	0.0
215.8	216.1	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	6.8	0.2
216.1	216.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.9	0.0
216.1	216.2	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	2.0	0.3
216.2	216.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	9.1	0.0
216.6	216.7	GFk	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	2.7	0.0
216.7	216.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	4.0	0.0
216.9	217.4	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	11.1	0.0
217.4	217.4	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.1	0.0
217.4	217.5	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	1.1	0.0
217.5	217.5	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.5	0.0
217.5	217.7	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	2.8	0.0
217.7	217.7	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	1.4	0.0
217.7	217.8	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	1.8	0.0
217.8	218.9	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	24.3	0.0

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
218.9	219.0	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	2.6	0.0
219.0	219.8	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	17.7	0.0
219.8	219.9	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	2.3	0.0
219.9	220.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	6.5	0.0
220.2	220.2	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	1.1	0.0
220.2	220.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	10.1	0.0
220.6	221.3	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	15.2	0.0
221.3	221.4	Cr/Gt-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	98	2	98	3.50	Poor	1.5	0.3
221.4	221.4	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	13	2.00	Moderate	1.3	0.0
221.4	221.5	Fpm	ALLUVIAL_TU	GRAVEL_NO	85	15	85	3.00	Poor to Good	1.5	1.6
221.5	222.0	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	88	1.00	Good	10.6	0.7
222.0	222.1	Fpm	ALLUVIAL_TU	GRAVEL_NO	42	58	42	3.00	Poor to Good	1.9	0.8
222.1	222.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	9.4	0.0
222.5	222.5	Cr/Gt-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.5	0.0
222.5	223.3	Cr/Ff-c	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	16.8	0.7
223.3	223.5	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	4.8	0.0
223.5	223.6	W	WATER	WATER	0	0	100	0.00	NA	0.6	0.0
223.6	223.6	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	1.0	0.3
223.6	223.7	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	1.7	0.0
223.7	223.8	Fpm	ALLUVIAL_TU	GRAVEL_NO	87	13	87	3.00	Poor to Good	1.8	0.5
223.8	224.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	7.8	0.2
224.1	225.0	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	17.2	0.6
225.0	225.3	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	6.9	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
225.3	225.9	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	10.2	0.2
225.9	226.4	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	13.2	0.0
226.4	226.5	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.9	0.0
226.5	227.4	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	5.6	13.0
227.4	227.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	70	1.00	Good	1.8	0.0
227.5	228.1	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	4	96	4	4.00	Poor to Good	6.0	9.9
228.1	228.3	Fpb-f/Fpb-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.50	Poor	2.0	2.4
228.3	228.4	Fpb-c/GL	ALLUVIAL_TU	GRANULAR_FREQ	0	100	0	3.00	Good	1.1	1.8
228.4	228.6	Fpb-f/Fpb-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	2	2.50	Poor	6.5	0.2
228.6	228.6	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	42	1.00	Moderate to Good	0.0	0.0
228.6	228.7	Fpb-c/GL	ALLUVIAL_TU	GRANULAR_FREQ	84	16	84	3.00	Good	1.4	0.1
228.7	229.5	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	13.4	5.1
229.5	229.5	Fpb-c/GL	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Good	0.5	0.4
229.5	230.4	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	51	49	51	4.00	Poor to Good	14.2	5.2
230.4	230.8	Fpb-f/Fpb-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.50	Poor	8.3	1.1
230.8	230.9	Fpb-c/GL	ALLUVIAL_TU	GRANULAR_FREQ	0	100	0	3.00	Good	4.0	0.2
230.9	231.0	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	0	100	0	4.00	Poor to Good	10.3	0.0
231.0	231.6	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	32	68	32	3.50	Poor	8.0	6.6
231.6	231.7	Cr/Ff	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	85	15	85	3.50	Poor	1.8	0.1

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
231.7	231.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	3.1	1.1
231.9	232.1	Fpm	ALLUVIAL_TU	GRAVEL_NO	86	14	86	3.00	Poor to Good	1.6	4.5
232.1	233.1	Gt-It+GFk	MORAINAL_TS	GRANULAR_FREQ	0	100	97	1.50	Moderate	18.3	2.8
233.1	233.3	Cr/Gt-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	1.4	3.9
233.3	233.4	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.1	1.9
233.4	233.5	Gt-It+GFk	MORAINAL_TS	GRANULAR_FREQ	0	100	100	1.50	Moderate	0.0	1.2
233.5	233.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.0	0.7
233.5	233.6	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	0.2	2.0
233.6	233.6	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.9	0.3
233.6	233.9	Gt-It+GFk	MORAINAL_TS	GRANULAR_FREQ	0	100	100	1.50	Moderate	6.1	0.2
233.9	234.0	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.4	0.2
234.0	234.0	Gt-It+GFk	MORAINAL_TS	GRANULAR_FREQ	0	100	100	1.50	Moderate	0.6	0.8
234.0	234.0	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.2	0.2
234.0	234.0	Gt-It+GFk	MORAINAL_TS	GRANULAR_FREQ	0	100	100	1.50	Moderate	0.0	1.2
234.0	234.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	3.1
234.2	234.7	Ff-c+Cr	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Good	5.4	5.7
234.7	235.0	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	6.3	0.1
235.0	235.2	Gt-It+GFk	MORAINAL_TS	GRANULAR_FREQ	0	100	100	1.50	Moderate	0.8	2.6
235.2	235.4	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	2.8	2.1
235.4	235.5	Gt-It+GFk	MORAINAL_TS	GRANULAR_FREQ	0	100	100	1.50	Moderate	2.0	0.0
235.5	235.7	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	5.3	0.0
235.7	235.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	1.8	0.0
235.8	235.9	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	2.3	0.1
235.9	236.2	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	3.8	1.4
236.2	237.5	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	21.5	9.4

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
237.5	237.6	GFo-It	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	92	1.00	Good	1.7	0.4
237.6	237.7	Cr	COLLUVIAL_TU	FINE_GR_NO	95	5	95	5.00	Poor	1.8	0.0
237.7	237.8	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	2.5	0.0
237.8	239.1	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	66	34	66	4.00	Poor to Good	9.9	17.7
239.1	239.2	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.3	2.8
239.2	239.9	Fpm	ALLUVIAL_TU	GRAVEL_NO	61	39	61	3.00	Poor to Good	13.7	2.2
239.9	240.6	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	14.2	0.0
240.6	240.6	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	96	4	96	4.00	Poor	0.6	0.0
240.6	240.8	Fpa	ALLUVIAL_TU	GRAVEL_NO	91	9	91	3.00	Poor to Good	3.3	0.0
240.8	241.0	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	3.2	1.0
241.0	242.4	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	29.1	1.5
242.4	243.2	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Good	16.8	0.4
243.2	243.4	Ff/GFo-It	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.50	Good	4.5	0.0
243.4	243.9	Cr/GFo-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	89	11	89	3.00	Poor	10.2	0.1
243.9	244.1	Fpm	ALLUVIAL_TU	GRAVEL_NO	61	39	61	3.00	Poor to Good	2.9	2.0
244.1	244.2	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	2.2	0.3
244.2	244.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	0.0	0.4
244.2	244.4	Gt-It/B	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	1.50	Moderate	2.6	2.0
244.4	244.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	2.3	2.1
244.6	244.9	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	3.1	1.9
244.9	245.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	14.1	0.0
245.6	246.5	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	18.9	1.9

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
246.5	249.2	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.50	Moderate	41.1	15.0
249.2	249.3	Fp	ALLUVIAL_TU	GRAVEL_NO	34	66	34	5.00	Poor to Good	0.5	1.1
249.3	251.6	Cs/Gt-It	COLLUVIAL_TU	GRANULAR_FREQ	89	11	89	3.50	Moderate	23.9	29.4
251.6	252.1	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	62	2.00	Good	7.6	2.6
252.1	252.4	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	63	37	63	4.00	Poor to Good	3.9	4.4
252.4	253.1	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	99	2.00	Moderate	0.0	15.5
253.1	253.3	Cr/Gt-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.0	4.6
253.3	253.4	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.0	1.5
253.4	253.5	Cr/Gt-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.0	1.6
253.5	253.5	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.0	0.3
253.5	253.5	Cr/Gt-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.0	0.8
253.5	253.8	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	0.1	6.1
253.8	253.9	Cs/Gt	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Moderate	0.9	2.1
253.9	253.9	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	0.0	0.2
253.9	254.1	Cs/Gt	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	4.00	Moderate	2.2	1.8
254.1	254.2	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	1.8	0.7
254.2	254.2	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	0.1	0.3
254.2	254.3	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Moderate	2.9	0.0
254.3	254.5	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	4.3	0.0
254.5	254.8	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	5.3	0.0
254.8	255.0	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	1.4	2.8

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
255.0	255.1	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	87	2.00	Poor to Moderate	1.7	0.4
255.1	255.1	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	0.0	0.6
255.1	255.8	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	93	2.00	Poor to Moderate	13.4	2.0
255.8	255.9	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	1.0	0.2
255.9	255.9	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	0.7	0.2
255.9	256.2	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	4.9	0.1
256.2	256.3	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	1.2	1.4
256.3	256.3	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	98	2	98	3.50	Poor	0.9	0.3
256.3	256.4	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	97	3	97	3.50	Poor	1.2	0.0
256.4	256.5	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	2.3	0.3
256.5	256.6	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	2.0	0.0
256.6	256.6	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.9	0.0
256.6	256.7	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	2.3	0.0
256.7	256.9	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	1.3	2.6
256.9	257.3	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	6.3	0.9

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
257.3	257.4	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	1.3	0.2
257.4	257.4	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	0.2	0.0
257.4	257.5	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	2.3	0.0
257.5	257.5	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	0.4	0.0
257.5	257.6	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	1.8	0.1
257.6	257.7	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	1.0	0.9
257.7	257.7	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.0	1.8
257.7	257.9	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	3.9	0.0
257.9	258.0	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.7	0.0
258.0	258.1	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	2.6	0.0
258.1	258.2	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	2.4	0.1
258.2	258.3	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	1.7	0.0
258.3	258.5	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	5.4	0.0
258.5	258.7	G+GF	DRIFT_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	2.1	1.7
258.7	258.8	Cr/G+Cr/G F	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	1.1	0.5

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
258.8	258.9	O/G+O/G F	ORGANIC_TU	PEAT_FINE_GR_FREQ	100	0	100	3.50	Poor	1.8	0.0
258.9	259.3	Cr/Gt-It	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	9.6	0.0
259.3	260.5	Gt-It	MORAINAL_TS	FINE_GR_FREQ	0	100	98	2.00	Moderate	10.8	14.4
260.5	260.8	O/L	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	4.50	Poor	7.1	0.0
260.8	263.6	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	8.2	54.0
263.6	263.7	Fpa	ALLUVIAL_TU	GRAVEL_NO	67	33	67	3.00	Poor to Good	2.4	0.1
263.7	263.7	Fp-f/Fp-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FEW	0	100	0	2.00	Poor	0.8	0.0
263.7	263.8	Fp-c	ALLUVIAL_TS	GRANULAR_FEW	0	100	0	1.00	Good	1.3	0.0
263.8	263.9	Fp-f/Fp-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FEW	0	100	0	2.00	Poor	1.5	0.0
263.9	263.9	Fp-c	ALLUVIAL_TS	GRANULAR_FEW	0	100	0	1.00	Good	1.0	0.0
263.9	264.1	Ff/Fpt	ALLUVIAL_TU	GRANULAR_FREQ	51	49	51	4.00	Good	5.8	0.3
264.1	264.2	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	5.00	Poor	0.7	0.0
264.2	265.8	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	96	4	96	3.00	Moderate	3.8	32.7
265.8	265.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	92	1.00	Good	2.2	0.4
265.9	266.6	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	6.0	8.9
266.6	266.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	6.1	0.1
266.9	267.8	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	15.4	4.1
267.8	267.9	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	1.8	0.0
267.9	268.1	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	0.7	2.5
268.1	268.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.4	0.4
268.1	268.1	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	0.8	0.0
268.1	268.7	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	5.5	8.9
268.7	268.9	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to	0.0	2.6

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
								Moderate			
268.9	268.9	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	1.3	0.9
268.9	269.3	Ff-c/Gt-Sa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.50	Good	0.6	6.8
269.3	269.4	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	1.2	2.1
269.4	269.7	Ff-c/Gt-Sa	ALLUVIAL_TS	GRANULAR_FREQ	0	100	99	1.50	Good	0.7	6.5
269.7	270.0	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	0.2	6.3
270.0	270.3	Ff-f	ALLUVIAL_TU	FINE_GR_NO	100	0	100	3.00	Moderate	2.2	5.7
270.3	270.7	Cs/Gt-Sa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	0.0	7.7
270.7	271.0	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	6.3	0.4
271.0	271.1	Lt	LACUSTRINE_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	1.4
271.1	271.5	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	9.2	0.0
271.5	271.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.3	0.0
271.5	271.6	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	1.2	0.1
271.6	271.6	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.3	0.2
271.6	272.0	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	7.9	0.0
272.0	272.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.5	0.0
272.0	272.0	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	0.9	0.0
272.0	272.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.5	0.0
272.1	274.8	Gt-Sa	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	43.9	17.5

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
274.8	275.2	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	5.00	Poor	5.4	2.0
275.2	275.9	Fpa	ALLUVIAL_TU	GRAVEL_NO	63	37	63	3.00	Poor to Good	12.6	2.5
275.9	275.9	Fp	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	0.6	0.7
275.9	276.0	Fp-f/Fp-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FEW	100	0	100	2.00	Poor	1.0	0.0
276.0	276.0	Fp	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	0.2	0.3
276.0	276.1	Fpa	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	3.1	0.0
276.1	276.1	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	5.00	Poor	0.3	0.0
276.1	276.4	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	5.5	0.0
276.4	276.4	Gt-An	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	0.0	0.0
276.4	276.4	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	0.0	0.6
276.4	277.7	Gt-An	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	18.7	7.3
277.7	277.8	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	5.00	Poor	0.8	1.3
277.8	277.8	Fpm-f	ALLUVIAL_TU	SAND	90	10	90	5.00	Poor	0.9	0.7
277.8	278.0	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Good	2.6	0.6
278.0	279.1	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	15.5	8.4
279.1	279.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.9	0.0
279.1	279.4	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	2.4	3.7
279.4	279.5	Gt- An/Bw+B w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Moderate	2.0	0.0
279.5	279.6	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	0.0	1.5

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
279.6	279.7	Gt-An/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Moderate	1.4	0.0
279.7	279.9	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	1.7	2.8
279.9	280.4	Gt-An/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Moderate	12.1	0.0
280.4	280.6	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	0.0	3.9
280.6	280.8	Gt-An/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Moderate	2.8	0.1
280.8	280.8	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	1.7	0.0
280.8	281.0	Gt-An	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	3.7	0.0
281.0	281.2	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	3.0	0.7
281.2	281.4	Gt-An	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	5.3	0.0
281.4	281.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.7	0.0
281.5	282.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	11.4	0.6
282.0	283.7	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	13.6	20.2
283.7	283.8	Gt-An/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.00	Poor to Moderate	3.2	0.0
283.8	283.9	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	0.7	1.0
283.9	284.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.0	0.2
284.0	284.5	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	1.6	8.9
284.5	284.5	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	90	2.00	Poor to Moderate	1.5	0.0

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
284.5	284.6	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	68	32	68	5.00	Poor	0.6	1.8
284.6	284.7	Fpm/GL	ALLUVIAL_TU	GRAVEL_NO	80	20	80	5.00	Poor to Good	1.7	0.4
284.7	284.8	Fpa/GL	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	0.1	1.8
284.8	285.0	Cr/GL	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	4.0	1.6
285.0	285.7	Cs/Gt-An	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Moderate	2.3	11.3
285.7	285.9	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	7.7	0.0
285.9	286.0	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	3.1	0.0
286.0	286.1	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	1.9	0.0
286.1	286.5	Bw+C/Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.33	Poor to Moderate	7.4	0.0
286.5	286.6	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	1.0	1.7
286.6	287.1	Bw+C/Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.33	Poor to Moderate	10.7	0.0
287.1	287.2	Cs/Bw+B _w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.67	Moderate	2.4	0.0
287.2	287.3	Bw+C/Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	92	2.33	Poor to Moderate	0.7	0.0
287.3	287.5	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	78	2.33	Poor to Good	4.2	0.0
287.5	287.5	B	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	3.00	Poor to Good	0.8	0.0
287.5	288.0	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	39	2.33	Poor to Good	9.0	0.0
288.0	288.9	Cs/Bw+B _w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	60	2.67	Moderate	15.5	4.2
288.9	289.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.9	0.0

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
289.0	289.1	Fp+Cr	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	1.8	0.2
289.1	289.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	5.7	0.2
289.3	289.5	Fp+Cr	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Poor to Good	2.8	0.7
289.5	289.5	Cr/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor	0.0	0.6
289.5	289.7	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.2	0.4
289.7	290.0	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	78	2.33	Poor to Good	6.5	0.0
290.0	290.1	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.3	2.0
290.1	290.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.5
290.1	290.2	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	0.1	3.2
290.2	290.4	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.1	0.3
290.4	290.7	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	34	2.33	Poor to Good	7.4	0.8
290.7	290.8	Cr	COLLUVIAL_TU	FINE_GR_NO	0	100	0	5.00	Poor	0.2	0.0
290.8	291.0	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.33	Poor to Good	4.9	0.8
291.0	291.1	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	0.7	0.0
291.1	291.1	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.33	Poor to Good	0.7	0.0
291.1	291.2	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	2.4	0.0
291.2	291.3	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.33	Poor to Good	1.0	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
291.3	291.4	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	17	2.50	Poor to Good	2.6	0.0
291.4	291.4	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	1.1	0.2
291.4	291.5	Fpa	ALLUVIAL_TU	GRAVEL_NO	79	21	79	3.00	Poor to Good	0.1	0.4
291.5	291.7	Fpm	ALLUVIAL_TU	GRAVEL_NO	30	70	30	5.00	Poor to Good	2.9	1.9
291.7	291.7	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	0.0	0.2
291.7	292.0	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	5.4	0.8
292.0	292.1	Cr/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor	1.9	0.0
292.1	292.2	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	3.2	0.0
292.2	292.2	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.2	0.0
292.2	292.4	Cr/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor	2.9	0.0
292.4	292.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.2	0.1
292.4	292.4	Cr/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor	1.1	0.3
292.4	292.8	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	7.0	1.4
292.8	293.1	Cr	COLLUVIAL_TU	FINE_GR_NO	86	14	86	5.00	Poor	3.9	1.0
293.1	293.3	Fpa	ALLUVIAL_TU	GRAVEL_NO	9	91	9	3.00	Poor to Good	3.9	0.1
293.3	293.6	Fpm	ALLUVIAL_TU	GRAVEL_NO	88	12	88	5.00	Poor to Good	6.6	0.6
293.6	295.9	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	41.3	8.3
295.9	296.8	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	7.7	10.8
296.8	296.9	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	1.9	0.3

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
296.9	296.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.0	0.3
296.9	297.0	Cs/Bw+B w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.67	Moderate	0.0	0.5
297.0	297.4	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	8.0	0.0
297.4	297.9	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	0.9	9.4
297.9	298.4	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	12.3	0.0
298.4	298.6	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	3.9	0.0
298.6	299.4	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	16.2	0.0
299.4	300.0	Cr/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Poor	3.6	8.6
300.0	300.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	1.0
300.0	300.5	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	10.5	0.8
300.5	300.8	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	5.2	0.0
300.8	300.9	Br	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	2.4	0.0
300.9	301.6	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	32	3.00	Moderate	1.4	12.0
301.6	301.6	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	0.6	0.2
301.6	301.7	Fpm	ALLUVIAL_TU	GRAVEL_NO	83	17	83	5.00	Poor to Good	2.1	0.4
301.7	302.1	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	7.0	1.8
302.1	302.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	2.3
302.2	302.7	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	6.6	5.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
302.7	303.3	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	46	2.33	Poor to Good	10.2	0.8
303.3	303.3	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	0.9	0.0
303.3	303.4	Fpm	ALLUVIAL_TU	GRAVEL_NO	1	99	1	5.00	Poor to Good	1.8	0.3
303.4	303.4	Fpa	ALLUVIAL_TU	GRAVEL_NO	99	1	99	3.00	Poor to Good	0.3	0.0
303.4	303.6	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	0.3	3.2
303.6	303.8	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	1.7	2.3
303.8	304.1	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	63	2.00	Poor to Moderate	5.8	0.0
304.1	304.4	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	31	2.33	Poor to Good	7.0	0.0
304.4	304.5	Fpm	ALLUVIAL_TU	GRAVEL_NO	91	9	91	5.00	Poor to Good	1.6	0.5
304.5	305.4	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	0.0	18.0
305.4	307.3	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	30.0	8.8
307.3	307.5	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	4.6	0.6
307.5	307.8	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	78	2.00	Poor to Moderate	5.6	0.0
307.8	307.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.1	0.9
307.8	307.9	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	93	2.00	Poor to Moderate	2.5	0.0
307.9	308.0	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.1	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
308.0	308.2	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	4.2	0.0
308.2	308.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	94	6	94	5.00	Poor to Good	0.0	0.9
308.2	308.7	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	99	2.00	Poor to Moderate	10.5	0.0
308.7	308.8	B	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	3.00	Poor to Good	2.6	0.0
308.8	309.1	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	6.9	0.0
309.1	309.4	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	2.0	4.9
309.4	309.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.2	0.2
309.5	310.0	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	11.3	0.1
310.0	310.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.6	0.0
310.0	310.1	Fpm	ALLUVIAL_TU	GRAVEL_NO	77	23	77	5.00	Poor to Good	1.2	0.7
310.1	310.6	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	9.5	0.5
310.6	310.6	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	0.6	0.6
310.6	310.7	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	1.2	0.0
310.7	310.8	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	1.0	0.6
310.8	311.0	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	6.3	0.0
311.0	311.7	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	12.7	0.0
311.7	312.4	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	16.2	0.0
312.4	312.7	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	6.6	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
312.7	313.2	Cs	COLLUVIAL_TU	GRAVEL_NO	99	1	99	4.00	Moderate	9.0	0.7
313.2	313.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.4	0.4
313.2	313.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	9.0	0.0
313.7	315.1	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	1.7	29.3
315.1	315.6	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	98	2.33	Poor to Good	8.6	4.4
315.6	315.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.0	0.9
315.7	316.0	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	7.7	0.0
316.0	316.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.3	1.1
316.1	316.8	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	15.8	0.0
316.8	317.1	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	3.4	2.8
317.1	317.2	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	0.9	0.0
317.2	317.2	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	1.0	0.0
317.2	317.4	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	3.1	0.0
317.4	317.7	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	6.6	0.0
317.7	317.9	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	5.2	0.0
317.9	318.3	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	7.5	0.0
318.3	319.1	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	17.7	0.0
319.1	319.2	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	2.1	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
319.2	319.5	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	6.5	0.0
319.5	319.5	Cr/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor	0.3	0.1
319.5	320.3	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	17.5	0.0
320.3	320.4	Cr/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor	2.2	0.2
320.4	321.8	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	21.3	8.7
321.8	321.9	Fpc/Bw+C r/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor to Good	1.2	0.0
321.9	322.1	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	5.3	0.8
322.1	322.2	Fpc/Bw+C r/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor to Good	1.3	0.1
322.2	322.2	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	0.1	0.2
322.2	322.6	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	5.0	5.0
322.6	322.6	Fpc/Bw+C r/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor to Good	0.5	0.4
322.6	323.2	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	11.3	1.2
323.2	323.4	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	0.0	4.1
323.4	324.5	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	15.0	7.6
324.5	325.0	Cs	COLLUVIAL_TU	GRAVEL_NO	99	1	99	4.00	Moderate	7.4	4.4
325.0	325.1	Fpc+Cr	ALLUVIAL_TU	FINE_GR_FEW	97	3	97	5.00	Poor to Good	0.6	0.3
325.1	325.7	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	2.3	10.9
325.7	326.3	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	12.7	0.0
326.3	326.3	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	0.0	0.9
326.3	326.4	Fpc/Bw+C r/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor to Good	1.5	0.3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
326.4	326.5	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	3.2	0.0
326.5	326.8	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	6.8	0.0
326.8	326.9	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	0.9	0.0
326.9	326.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.3	0.5
326.9	327.1	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	3.5	0.0
327.1	327.1	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.4	0.1
327.1	327.1	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	0.5	0.6
327.1	327.6	Cs/Bw+B w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.67	Moderate	10.9	0.3
327.6	327.7	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	3.8	0.0
327.7	328.2	Cs/Bw+B w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.67	Moderate	10.0	0.0
328.2	328.4	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	3.4	0.1
328.4	328.8	Cs/Bw+B w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.67	Moderate	2.0	7.6
328.8	328.9	Fpc/Bw+C r/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor to Good	0.9	0.3
328.9	329.3	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	8.9	0.0
329.3	331.4	Cs	COLLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Moderate	22.6	22.5
331.4	332.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	11.8	10.7
332.4	332.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.2	0.8
332.5	335.8	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	43.5	23.6
335.8	335.8	EI/Fpt	EOLIAN_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor to Good	0.1	1.2

TABLE 7A-3

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
335.8	336.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.3	3.3
336.0	336.1	EI/Fpt	EOLIAN_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor to Good	0.0	1.8
336.1	336.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	5.4	11.1
336.9	337.2	O/Fpa	ORGANIC_TU	PEAT_GRAVEL_NO	100	0	100	4.00	Poor	5.0	0.0
337.2	337.2	Fpm	ALLUVIAL_TU	GRAVEL_NO	95	5	95	5.00	Poor to Good	0.4	0.6
337.2	337.3	O/Fpa	ORGANIC_TU	PEAT_GRAVEL_NO	100	0	100	4.00	Poor	2.1	0.0
337.3	337.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.7	0.0
337.3	337.4	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	2.6	0.4
337.4	337.5	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.1
337.5	337.6	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	64	36	64	5.00	Good	0.8	0.8
337.6	337.7	EI	EOLIAN_TU	FINE_GR_NO	0	100	0	3.00	Poor to Good	0.7	0.0
337.7	337.7	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	63	37	63	5.00	Good	1.5	0.0
337.7	339.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	20.6	13.0
339.4	339.7	Cr+O	COLLUVIAL_TU	PEAT	100	0	100	5.00	Poor	6.9	0.0
339.7	340.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	4.8	1.7
340.0	340.2	Fpt/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	87	3.50	Good	4.9	0.0
340.2	340.6	EI/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	1.5	5.7
340.6	340.6	Cr/Fpc	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FEW	100	0	100	5.00	Poor	0.4	0.9
340.6	340.6	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	0.6

TABLE 7A-3

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
340.6	340.8	Fpt/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Good	2.3	0.6
340.8	341.0	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.0	2.6
341.0	341.1	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	63	2.33	Poor to Good	2.2	2.5
341.1	341.6	El	EOLIAN_TU	FINE_GR_NO	96	4	96	3.00	Poor to Good	6.6	3.6
341.6	341.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.7	0.0
341.7	341.8	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.9	0.2
341.8	342.2	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	93	2.33	Poor to Good	4.0	5.0
342.2	342.3	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.8
342.3	342.3	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	0.3	0.4
342.3	342.5	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.5
342.5	342.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.1	1.1
342.6	342.7	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	1.5	0.2
342.7	342.8	Fpt/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Good	0.1	1.3
342.8	342.9	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	1.2	1.5
342.9	343.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	6.8	0.0
343.2	343.6	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	7.9	0.0
343.6	343.7	Fpm	ALLUVIAL_TU	GRAVEL_NO	100	0	100	5.00	Poor to Good	0.0	3.0
343.7	343.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
343.7	344.8	El+Cr	EOLIAN_TU	FINE_GR_NO	100	0	100	4.00	Poor to Good	6.1	16.8
344.8	344.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.3	1.2
344.8	344.9	El+Cr	EOLIAN_TU	FINE_GR_NO	100	0	100	4.00	Poor to Good	0.0	1.2
344.9	345.0	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	2.2	0.0
345.0	345.2	El+Cr	EOLIAN_TU	FINE_GR_NO	100	0	100	4.00	Poor to Good	0.5	4.4
345.2	346.1	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	71	2.33	Poor to Good	12.7	6.4
346.1	346.4	C/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.33	Poor to Good	7.3	0.0
346.4	346.5	Fpc/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	10	3.50	Poor to Good	1.0	0.3
346.5	347.8	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	84	2.33	Poor to Good	15.7	13.7
347.8	347.8	Fpc/B	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	4.00	Poor to Good	0.6	0.0
347.8	347.9	Cr/B	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	4.00	Poor	1.3	0.0
347.9	347.9	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	1.2	0.0
347.9	348.0	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	1.2	0.0
348.0	348.9	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	22.8	0.1
348.9	349.3	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	6.7	0.1
349.3	349.3	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to	0.3	0.9

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
349.3	349.5	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	84	2.50	Poor to Good	1.1	3.8
349.5	349.6	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	93	2.00	Poor to Moderate	2.2	0.0
349.6	349.9	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	4.5	2.0
349.9	350.3	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.33	Poor to Good	7.0	0.0
350.3	350.4	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.2	0.2
350.4	350.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	4.0	0.2
350.6	350.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.9	0.0
350.7	351.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	20.9	0.3
351.6	351.7	El/Bw+C/B w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.0	0.0
351.7	351.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	4.5	0.0
351.9	352.2	El/Bw+C/B w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	98	2.50	Poor to Good	7.4	0.6
352.2	352.3	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.7	0.4
352.3	352.6	El/Bw+C/B w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	6.1	0.6
352.6	352.7	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	2.4	0.4
352.7	352.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	4.3	0.0
352.9	353.3	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	3.4	4.9

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
353.3	353.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.1	0.1
353.4	353.4	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.9	0.0
353.4	353.7	El/Bw+C/B _w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	5.8	0.5
353.7	353.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.8	0.0
353.8	353.8	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.4	0.0
353.8	354.2	El/Bw+C/B _w	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	7.5	0.7
354.2	354.9	El+Cr	EOLIAN_TU	FINE_GR_NO	100	0	100	4.00	Poor to Good	12.8	4.3
354.9	355.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.8	0.0
355.0	355.1	El+Cr	EOLIAN_TU	FINE_GR_NO	100	0	100	4.00	Poor to Good	2.0	0.0
355.1	355.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.0	0.0
355.2	355.3	El	EOLIAN_TU	FINE_GR_NO	93	7	93	3.00	Poor to Good	3.2	0.7
355.3	355.7	El/Bw+Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	70	2.33	Poor to Good	5.9	1.6
355.7	356.2	El	EOLIAN_TU	FINE_GR_NO	94	6	94	3.00	Poor to Good	6.1	4.9
356.2	356.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.7	0.0
356.4	357.1	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	14.5	0.0
357.1	357.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	5.5	0.0
357.3	357.8	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	4.2	5.8

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
357.8	357.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.5	0.3
357.8	358.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.0	1.4
358.0	358.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	7.6	7.3
358.7	358.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.2	0.0
358.7	358.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.1	0.0
358.8	358.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.9
358.8	358.9	EI	EOLIAN_TU	FINE_GR_NO	78	22	78	3.00	Poor to Good	0.7	1.5
358.9	359.3	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	7.4	1.3
359.3	359.3	Ff-f/Fpa	ALLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	3.00	Moderate	1.1	0.1
359.3	359.7	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	13.5	0.0
359.7	359.9	Fpm-f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	4.8	2.6
359.9	360.2	W	WATER	WATER	0	0	6	0.00	NA	7.5	0.2
360.2	360.6	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	12.9
360.6	360.8	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.1	2.2
360.8	361.1	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	2.7	4.0
361.1	361.1	Hf/EI	ALLUVIAL_TS	GRAVEL_NO	0	100	100	2.00	Moderate to Good	0.4	0.5
361.1	363.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	8.3	42.6
363.3	363.3	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.5	0.0
363.3	363.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to	0.9	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
363.3	363.4	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	2.1	0.0
363.4	364.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	3.6	8.3
364.0	364.0	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.2	0.0
364.0	364.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	5.6	2.7
364.4	364.5	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.7	0.0
364.5	364.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	4.6	1.2
364.7	364.8	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	1.3	0.0
364.8	364.8	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	1.0	0.0
364.8	364.9	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.5	0.0
364.9	365.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	12.5	5.2
365.7	365.8	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	2.4	0.0
365.8	367.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	10.0	16.8
367.2	367.3	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	3.1	0.0
367.3	367.9	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	11.2
367.9	368.2	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	5.5	0.8
368.2	368.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.7
368.4	368.4	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.9

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
368.4	368.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	5.9
368.7	369.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.6	7.0
369.1	369.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	4.8
369.3	369.5	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	2.4	1.2
369.5	369.6	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.7	2.4
369.6	369.6	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.3	0.5
369.6	369.9	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	1.5	3.9
369.9	370.0	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	1.3	0.1
370.0	370.4	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	5.6	2.7
370.4	370.4	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	1.3	0.4
370.4	371.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	11.0
371.0	373.0	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	98	2.50	Poor to Good	34.9	11.6
373.0	373.2	EI	EOLIAN_TU	FINE_GR_NO	80	20	80	3.00	Poor to Good	0.0	3.6
373.2	373.3	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.1	3.4
373.3	373.5	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	4.1
373.5	373.8	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	3.6	1.8
373.8	374.8	EI	EOLIAN_TU	FINE_GR_NO	91	9	91	3.00	Poor to Good	13.2	9.5

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
374.8	375.0	O/Cr	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	1.8	2.1
375.0	375.0	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	2.0
375.0	375.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	4.0
375.2	375.5	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	35	2.50	Poor to Good	0.3	4.9
375.5	375.6	EI	EOLIAN_TU	FINE_GR_NO	22	78	22	3.00	Poor to Good	0.3	3.3
375.6	375.7	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.1	2.2
375.7	376.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	5.5
376.0	376.2	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	3.0	1.1
376.2	376.5	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	6.5
376.5	376.7	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	2.3	0.8
376.7	376.8	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.0
376.8	377.1	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	3.6	3.2
377.1	377.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.5	2.3
377.2	377.3	Fp	ALLUVIAL_TU	GRAVEL_NO	100	0	100	3.00	Poor to Good	0.8	1.1
377.3	377.8	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	9.7	0.0
377.8	377.8	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.7	0.0
377.8	377.9	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	1.0	0.0

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
377.9	377.9	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	1.1	0.0
377.9	378.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	2.7	0.1
378.1	378.1	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	1.4	0.0
378.1	378.2	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	1.7	0.0
378.2	378.6	EI	EOLIAN_TU	FINE_GR_NO	57	43	57	3.00	Poor to Good	0.2	8.2
378.6	378.8	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	4.3	0.0
378.8	379.6	EI	EOLIAN_TU	FINE_GR_NO	73	27	73	3.00	Poor to Good	3.5	12.8
379.6	379.9	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	52	2.50	Poor to Good	4.3	1.6
379.9	379.9	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.2	1.0
379.9	380.1	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	2.8	0.7
380.1	380.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.2	0.6
380.1	380.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.3	1.6
380.2	381.0	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	3.6	13.6
381.0	381.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.2	5.0
381.3	381.4	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.7	0.4

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
381.4	383.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	4.6	35.0
383.3	383.4	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	3.7	0.0
383.4	384.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	20.1
384.4	384.4	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	1.2	0.0
384.4	384.5	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.9
384.5	384.9	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	6.3	1.2
384.9	385.0	O/Fpm	ORGANIC_TU	PEAT_GRAVEL_NO	100	0	100	5.00	Poor	2.3	0.0
385.0	385.2	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	3.5	0.0
385.2	385.4	Fpm	ALLUVIAL_TU	GRAVEL_NO	45	55	45	5.00	Poor to Good	5.8	1.2
385.4	385.6	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	36	64	36	3.00	Poor	3.4	0.0
385.6	385.7	O/Fpa	ORGANIC_TU	PEAT_GRAVEL_NO	86	14	86	4.00	Poor	1.6	0.4
385.7	385.8	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	2.1	0.5
385.8	385.9	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	5.00	Poor	1.1	0.0
385.9	386.5	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.7	12.2
386.5	387.1	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	12.4	1.0
387.1	387.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	1.0

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
387.2	388.4	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	25.6	0.2
388.4	391.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	11.6	52.8
391.4	391.5	Fpa-f	ALLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.4	0.2
391.5	391.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.2	0.0
391.5	391.5	Fpa-f	ALLUVIAL_TU	FINE_GR_NO	94	6	94	4.00	Poor	0.6	0.0
391.5	391.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	98	2	98	5.00	Poor to Good	0.2	0.3
391.5	391.7	Fpa-f	ALLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	3.5	0.2
391.7	391.8	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	0.0	2.5
391.8	391.9	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	1.0	0.0
391.9	392.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.0	2.3
392.1	392.7	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	11.7	1.4
392.7	392.7	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	1.6	0.0
392.7	392.9	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.3
392.9	393.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.2	3.6
393.1	393.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.1	3.5
393.3	393.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.7	2.1
393.5	393.7	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	3.7	1.0

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
393.7	393.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.8	1.7
393.9	394.2	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	4.5	3.4
394.2	394.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.0	0.6
394.4	394.4	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	1.5	0.1
394.4	394.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.1	0.7
394.6	394.9	El	EOLIAN_TU	FINE_GR_NO	99	1	99	3.00	Poor to Good	0.2	6.3
394.9	394.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	93	7	93	5.00	Poor to Good	0.9	0.0
394.9	397.1	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	1.4	44.5
397.1	397.9	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	23	2.50	Poor to Good	14.3	2.6
397.9	398.2	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	7.1	0.2
398.2	398.4	El	EOLIAN_TU	FINE_GR_NO	18	82	18	3.00	Poor to Good	0.2	4.1
398.4	399.2	Cr/El	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	7.0	10.6
399.2	399.3	Cr	COLLUVIAL_TU	FINE_GR_NO	89	11	89	5.00	Poor	1.2	0.0
399.3	399.3	Fpc	ALLUVIAL_TU	GRANULAR_FEW	81	19	81	5.00	Poor to Good	0.4	0.5
399.3	399.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.1	1.2
399.4	399.4	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	1.2	0.0
399.4	399.7	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.7	4.3
399.7	400.7	El	EOLIAN_TU	FINE_GR_NO	92	8	92	3.00	Poor to	0.1	21.9

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
400.7	400.9	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.0	3.5
400.9	401.0	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.5	0.0
401.0	401.2	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	94	2.00	Poor to Moderate	3.8	0.0
401.2	401.2	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.7	0.6
401.2	402.1	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	18.2
402.1	402.5	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	6.0	3.5
402.5	402.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.6	0.8
402.5	402.6	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	1.4	0.0
402.6	403.0	Cs/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate	4.3	3.2
403.0	403.3	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	7.1	0.0
403.3	403.4	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	44	2.00	Poor to Moderate	2.4	0.0
403.4	403.5	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	0.9	0.0
403.5	403.7	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	4.7	0.0
403.7	404.3	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	13	2.50	Poor to Good	12.4	0.4
404.3	404.4	C/Fpa	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Poor to Good	1.6	0.5
404.4	405.5	Fpa-f/Fpa-	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	22.0	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
		c									
405.5	405.5	O/Fpa	ORGANIC_TU	PEAT_GRAVEL_NO	100	0	100	4.00	Poor	1.1	0.0
405.5	405.9	Fpm	ALLUVIAL_TU	GRAVEL_NO	77	23	77	5.00	Poor to Good	2.4	6.5
405.9	406.3	Fpa-f/Fpa- c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	39	61	39	3.00	Poor	4.2	5.4
406.3	406.3	O/Ff-f	ORGANIC_TU	PEAT_FINE_GR_NO	0	100	0	4.00	Poor	0.7	0.0
406.3	407.9	Ff-f	ALLUVIAL_TU	FINE_GR_NO	87	13	87	3.00	Moderate	29.7	2.4
407.9	407.9	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.4	0.0
407.9	408.1	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	3.7
408.1	409.8	EI	EOLIAN_TU	FINE_GR_NO	78	22	78	3.00	Poor to Good	0.0	36.4
409.8	410.3	Cr/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	78	3.50	Poor	9.6	0.4
410.3	410.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.6	0.3
410.3	410.6	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	6.2	0.4
410.6	410.8	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.8
410.8	411.0	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	4.6
411.0	411.1	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.6
411.1	411.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.4	0.6
411.2	411.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	6.3
411.5	411.6	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.7
411.6	411.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.9

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
411.7	411.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	1.2
411.7	411.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.6
411.8	412.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	4.1
412.0	412.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.5
412.0	412.1	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.5
412.1	412.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.1	3.9
412.4	412.4	Fpc	ALLUVIAL_TU	GRANULAR_FEW	96	4	96	5.00	Poor to Good	0.0	0.6
412.4	412.5	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	96	3.00	Good	0.0	2.4
412.5	412.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.8
412.5	412.8	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	5.1
412.8	413.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	96	2.50	Poor to Good	2.9	4.7
413.1	413.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.5	12.3
413.7	413.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.8
413.7	414.0	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	4.2	2.4
414.0	415.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	11.3	11.1
415.1	415.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.7	4.1
415.4	415.4	Fpc	ALLUVIAL_TU	GRANULAR_FEW	99	1	99	5.00	Poor to Good	0.8	1.0

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
415.4	415.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	2.9
415.6	415.8	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	5.9
415.8	416.2	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	61	2.50	Poor to Good	7.7	0.2
416.2	416.7	EI	EOLIAN_TU	FINE_GR_NO	15	85	15	3.00	Poor to Good	1.0	8.6
416.7	417.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	6.9	15.9
417.8	417.9	O/Cr	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	2.5	0.7
417.9	419.8	Cr	COLLUVIAL_TU	FINE_GR_NO	99	1	99	5.00	Poor	31.5	9.1
419.8	419.9	Fpm-f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	82	18	82	3.00	Poor	3.0	0.0
419.9	420.1	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	79	2.50	Poor to Good	4.0	0.7
420.1	420.7	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	33	2.50	Poor to Good	12.4	1.0
420.7	421.1	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	42	58	42	4.00	Poor	0.6	9.2
421.1	421.4	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	64	2.50	Poor to Good	2.5	5.7
421.4	422.5	EI	EOLIAN_TU	FINE_GR_NO	76	24	76	3.00	Poor to Good	2.4	20.7
422.5	422.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.2	2.6
422.7	423.0	EI	EOLIAN_TU	FINE_GR_NO	31	69	31	3.00	Poor to Good	0.0	6.9
423.0	423.2	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	3.4	0.2
423.2	423.2	Cr/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Poor	0.9	0.0
423.2	423.5	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	14	2.50	Poor to Good	7.6	0.4

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
423.5	423.6	EI	EOLIAN_TU	FINE_GR_NO	30	70	30	3.00	Poor to Good	0.0	1.6
423.6	423.7	Cr	COLLUVIAL_TU	FINE_GR_NO	30	70	30	5.00	Poor	0.0	2.4
423.7	424.0	EI	EOLIAN_TU	FINE_GR_NO	36	64	36	3.00	Poor to Good	1.2	5.8
424.0	424.1	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.3	0.0
424.1	424.2	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	71	2.00	Poor to Moderate	2.4	0.0
424.2	424.4	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	59	41	59	4.00	Poor	5.2	0.0
424.4	424.6	Fpm	ALLUVIAL_TU	GRAVEL_NO	84	16	84	5.00	Poor to Good	4.9	0.0
424.6	425.0	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.8	7.8
425.0	425.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	9.6
425.4	425.9	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.0	9.5
425.9	426.3	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	8.2	0.0
426.3	426.4	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	83	2.00	Poor to Moderate	2.3	0.0
426.4	426.9	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	76	2.50	Poor to Good	9.6	1.9
426.9	427.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	5.0
427.2	427.4	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	5.5
427.4	427.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.5
427.5	427.5	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	1.2
427.5	427.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.4	1.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
427.6	427.6	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.8	0.0
427.6	427.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.6	0.2
427.7	427.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.6	0.3
427.7	429.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	31.3
429.2	429.6	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	7.2	1.9
429.6	429.8	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	4.8	0.0
429.8	430.5	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	14.8
430.5	430.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	3.3
430.7	430.9	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	4.8
430.9	431.2	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	6.9	0.0
431.2	431.4	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	4.2
431.4	431.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.4	0.4
431.4	431.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	6.0
431.7	433.6	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	38.1	0.8
433.6	433.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	4.2
433.7	433.8	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	1.1	0.2
433.8	434.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.1

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
434.0	434.3	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	7.1	0.0
434.3	434.5	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.9
434.5	435.0	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	11.3	0.0
435.0	435.1	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.8
435.1	435.3	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.7	0.7
435.3	435.6	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	1.7	3.9
435.6	435.7	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.0	2.1
435.7	435.8	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	1.1
435.8	435.9	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.2	0.0
435.9	436.1	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	5.3
436.1	436.5	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	8.0	0.0
436.5	436.7	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.1	4.6
436.7	437.5	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	14.2	2.8
437.5	437.7	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	6.1
437.7	438.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	14.3	7.4
438.6	438.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to	0.8	0.5

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
								Good			
438.7	438.7	Cr	COLLUVIAL_TU	FINE_GR_NO	91	9	91	5.00	Poor	0.7	0.4
438.7	439.2	EI	EOLIAN_TU	FINE_GR_NO	99	1	99	3.00	Poor to Good	0.0	10.4
439.2	440.5	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	18.3	9.0
440.5	441.1	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	12.8
441.1	441.8	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	11.3	3.8
441.8	442.1	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	5.6
442.1	442.1	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.8
442.1	442.1	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.2	0.6
442.1	442.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.8	0.3
442.2	442.3	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.9	1.4
442.3	442.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	8.0
442.7	443.0	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	74	2.50	Poor to Good	6.6	0.8
443.0	443.5	EI	EOLIAN_TU	FINE_GR_NO	71	29	71	3.00	Poor to Good	0.5	10.6
443.5	443.6	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	5.00	Poor	0.5	1.0
443.6	444.2	O/Fpm	ORGANIC_TU	PEAT_GRAVEL_NO	100	0	100	5.00	Poor	10.5	0.0
444.2	444.2	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	1.7	0.0
444.2	444.3	Fpm	ALLUVIAL_TU	GRAVEL_NO	100	0	100	5.00	Poor to Good	1.3	0.5
444.3	445.0	Fpa-f/Fpa-	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	78	22	78	3.00	Poor	14.9	0.0

TABLE 7A-3

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
		c									
445.0	445.4	Fpm-c/Fpm-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	6	1.00	Good	9.7	0.0
445.4	445.6	Cr/Fpt	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	5.00	Poor	0.0	3.2
445.6	445.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.6	2.8
445.8	446.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.1	9.2
446.3	446.6	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	5.9	0.9
446.6	447.0	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	5.9	2.9
447.0	447.8	EI	EOLIAN_TU	FINE_GR_NO	94	6	94	3.00	Poor to Good	0.5	16.8
447.8	448.1	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	4.3	0.0
448.1	448.5	EI	EOLIAN_TU	FINE_GR_NO	84	16	84	3.00	Poor to Good	0.0	9.5
448.5	448.8	Cr	COLLUVIAL_TU	FINE_GR_NO	99	1	99	5.00	Poor	1.0	6.5
448.8	448.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.1	1.3
448.9	448.9	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	0.8
448.9	449.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.0	2.8
449.1	449.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.0
449.2	450.0	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	17.5	0.6
450.0	450.3	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	6.9	0.0

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
450.3	451.7	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	28.9	0.0
451.7	452.6	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	99	2.50	Poor to Good	21.4	0.5
452.6	453.1	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.2	10.9
453.1	453.2	Ht+Fpc	ALLUVIAL_TU	GRANULAR_FEW	98	2	98	3.00	Good	1.1	0.2
453.2	453.4	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	5.3
453.4	454.0	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	30	2.50	Poor to Good	2.7	8.8
454.0	454.4	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	46	2.50	Poor to Good	7.1	2.2
454.4	454.5	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	48	2.50	Poor to Good	0.8	2.0
454.5	454.9	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	48	2.50	Poor to Good	4.5	3.7
454.9	455.2	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	48	2.50	Poor to Good	0.0	6.5
455.2	455.4	El	EOLIAN_TU	FINE_GR_NO	52	48	52	3.00	Poor to Good	0.0	5.6
455.4	455.5	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	0.7	0.2
455.5	455.8	Ht	ALLUVIAL_TS	GRAVEL_NO	0	100	3	1.00	Good	2.3	5.1
455.8	456.1	Cr	COLLUVIAL_TU	FINE_GR_NO	57	43	57	5.00	Poor	3.3	5.7
456.1	456.2	C/El	COLLUVIAL_TU	FINE_GR_FEW	100	0	100	3.00	Poor to Good	0.1	2.0
456.2	456.3	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.3

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
456.3	456.4	C/EI	COLLUVIAL_TU	FINE_GR_FEW	100	0	100	3.00	Poor to Good	0.0	1.9
456.4	456.8	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	95	2.50	Poor to Good	3.6	3.7
456.8	457.0	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	4.9	0.3
457.0	457.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.0	0.5
457.1	457.3	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	5.1	0.6
457.3	457.5	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.8
457.5	458.3	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	97	2.50	Poor to Good	17.5	0.0
458.3	458.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.3	7.3
458.7	459.1	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	10.0	0.1
459.1	459.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.8
459.3	459.6	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	7.4	0.6
459.6	460.1	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	10.4
460.1	462.7	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	86	2.50	Poor to Good	57.1	1.1
462.7	463.1	EI	EOLIAN_TU	FINE_GR_NO	50	50	50	3.00	Poor to Good	0.8	6.6
463.1	463.2	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.2	2.3
463.2	463.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.5	2.2

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
463.3	463.4	Fpc	ALLUVIAL_TU	GRANULAR_FEW	92	8	92	5.00	Poor to Good	0.5	0.3
463.4	463.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.3	1.0
463.4	463.6	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	3.4
463.6	464.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	14.2
464.2	465.2	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	7.6	12.0
465.2	465.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.6	0.0
465.3	465.5	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	3.0	1.3
465.5	465.8	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	2.7	4.5
465.8	465.9	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	2.3	1.0
465.9	467.2	Cr	COLLUVIAL_TU	FINE_GR_NO	97	3	97	5.00	Poor	26.5	0.0
467.2	467.6	Ff-f	ALLUVIAL_TU	FINE_GR_NO	100	0	100	3.00	Moderate	7.8	0.0
467.6	467.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.9	0.0
467.7	467.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.5	0.5
467.7	467.8	Ff-f	ALLUVIAL_TU	FINE_GR_NO	100	0	100	3.00	Moderate	1.5	0.0
467.8	467.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.4	0.0
467.9	468.4	Fpm- f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	85	15	85	3.00	Poor	5.9	3.8
468.4	468.8	Fpa	ALLUVIAL_TU	GRAVEL_NO	91	9	91	3.00	Poor to Good	7.1	3.3
468.8	469.0	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	97	3	97	4.00	Poor	3.8	0.0
469.0	469.0	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.2	0.0
469.0	469.2	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	4.5	0.0
469.2	469.3	Fpc	ALLUVIAL_TU	GRANULAR_FEW	99	1	99	5.00	Poor to Good	2.2	0.0

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
469.3	469.4	Cr/Fpa	COLLUVIAL_TU	FINE_GR_OVER_GRAVEL	100	0	100	4.00	Poor	1.0	0.0
469.4	470.0	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	12.5	0.1
470.0	470.1	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	0.8	0.0
470.1	470.2	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.0	0.0
470.2	470.3	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	1.3	0.0
470.3	471.1	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	15.0	1.0
471.1	471.1	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	97	3	97	5.00	Poor	0.3	0.0
471.1	472.1	Elf	EOLIAN_TU	FINE_GR_NO	88	12	88	5.00	Poor	18.5	2.7
472.1	472.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.2	0.8
472.2	472.4	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.3	2.3
472.4	472.6	El/Fpt	EOLIAN_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor to Good	5.4	1.0
472.6	473.2	El	EOLIAN_TU	FINE_GR_NO	39	61	39	3.00	Poor to Good	1.6	10.9
473.2	473.4	Ff-f	ALLUVIAL_TU	FINE_GR_NO	30	70	30	3.00	Moderate	3.0	0.1
473.4	474.0	El	EOLIAN_TU	FINE_GR_NO	21	79	21	3.00	Poor to Good	0.1	11.8
474.0	474.0	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	1.3	0.0
474.0	475.5	Fpm-f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	36	64	36	3.00	Poor	21.7	12.7
475.5	475.9	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	14	86	14	3.00	Poor	4.2	4.4
475.9	476.6	Elf	EOLIAN_TU	FINE_GR_NO	76	24	76	5.00	Poor	13.8	0.4
476.6	476.6	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	0	100	0	5.00	Poor	0.4	0.0
476.6	477.6	Elf	EOLIAN_TU	FINE_GR_NO	90	10	90	5.00	Poor	19.0	0.2
477.6	477.6	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	93	7	93	5.00	Poor	0.6	0.0

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
477.6	478.3	Elf	EOLIAN_TU	FINE_GR_NO	82	18	82	5.00	Poor	10.5	2.6
478.3	478.3	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	94	6	94	5.00	Poor	1.4	0.0
478.3	478.3	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.2	0.0
478.3	478.4	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	0.5	0.0
478.4	478.8	Elf	EOLIAN_TU	FINE_GR_NO	94	6	94	5.00	Poor	6.4	3.3
478.8	478.9	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	0.2	0.0
478.9	478.9	W	WATER	WATER	0	0	57	0.00	NA	0.4	0.0
478.9	478.9	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	0	100	0	5.00	Poor	0.3	0.0
478.9	479.9	Elf	EOLIAN_TU	FINE_GR_NO	91	9	91	5.00	Poor	18.8	0.0
479.9	479.9	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	0.5	0.0
479.9	480.4	Elf	EOLIAN_TU	FINE_GR_NO	94	6	94	5.00	Poor	8.2	1.9
480.4	480.5	O	ORGANIC_TU	PEAT	100	0	100	5.00	Poor	2.1	0.0
480.5	480.6	Elf	EOLIAN_TU	FINE_GR_NO	87	13	87	5.00	Poor	1.7	0.0
480.6	480.8	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	4.8	0.0
480.8	480.9	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.5	0.0
480.9	480.9	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	1.5	0.0
480.9	481.1	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.6	0.0
481.1	481.2	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	2.3	0.0
481.2	481.5	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.8	5.0
481.5	481.6	Fpc	ALLUVIAL_TU	GRANULAR_FEW	92	8	92	5.00	Poor to Good	1.9	0.6
481.6	481.6	Elf	EOLIAN_TU	FINE_GR_NO	94	6	94	5.00	Poor	1.2	0.0
481.6	481.7	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	2.6	0.0
481.7	481.8	O	ORGANIC_TU	PEAT	100	0	100	5.00	Poor	0.6	0.0
481.8	481.8	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	0.3	0.0
481.8	481.8	O	ORGANIC_TU	PEAT	100	0	100	5.00	Poor	0.2	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
481.8	481.8	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	0.4	0.0
481.8	481.9	O	ORGANIC_TU	PEAT	100	0	100	5.00	Poor	0.9	0.0
481.9	482.2	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	6.7	0.0
482.2	483.9	Elf	EOLIAN_TU	FINE_GR_NO	95	5	95	5.00	Poor	34.2	2.7
483.9	483.9	El	EOLIAN_TU	FINE_GR_NO	86	14	86	3.00	Poor to Good	0.6	0.0
483.9	484.1	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.9	0.5
484.1	484.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.7
484.2	484.5	Elf	EOLIAN_TU	FINE_GR_NO	94	6	94	5.00	Poor	7.3	1.3
484.5	484.6	Fpc	ALLUVIAL_TU	GRANULAR_FEW	59	41	59	5.00	Poor to Good	0.5	0.1
484.6	485.0	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	35	65	35	3.00	Poor	7.4	0.3
485.0	485.1	El	EOLIAN_TU	FINE_GR_NO	29	71	29	3.00	Poor to Good	1.8	1.3
485.1	485.9	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	65	35	65	3.00	Poor	16.4	1.6
485.9	485.9	El	EOLIAN_TU	FINE_GR_NO	0	100	0	3.00	Poor to Good	0.0	0.4
485.9	485.9	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	1.1	0.1
485.9	486.3	Elf	EOLIAN_TU	FINE_GR_NO	71	29	71	5.00	Poor	5.8	2.9
486.3	486.4	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	1.3	0.0
486.4	486.6	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.3	0.0
486.6	486.8	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	4.3	0.0
486.8	487.6	Elf	EOLIAN_TU	FINE_GR_NO	97	3	97	5.00	Poor	17.8	0.4

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
487.6	487.7	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	0.6	0.0
487.7	488.4	Elf	EOLIAN_TU	FINE_GR_NO	91	9	91	5.00	Poor	11.0	3.4
488.4	488.5	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	1.3	0.0
488.5	489.4	Elf	EOLIAN_TU	FINE_GR_NO	91	9	91	5.00	Poor	17.9	3.0
489.4	489.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.4	0.9
489.5	489.5	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.4	0.1
489.5	489.6	O/Elf	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	2.3	0.1
489.6	489.7	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.5	1.8
489.7	489.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.7	0.7
489.8	491.8	Elf	EOLIAN_TU	FINE_GR_NO	97	3	97	5.00	Poor	31.3	10.8
491.8	491.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.1	0.0
491.9	491.9	Elf	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.0	0.0
491.9	492.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.5	4.1
492.2	492.3	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	1.4	0.0
492.3	492.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.0	0.2
492.3	492.6	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	2.8	2.6
492.6	492.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.5	0.0
492.6	492.7	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	1.6	0.0
492.7	493.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	13.6	4.8
493.6	493.8	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	3.1	0.2
493.8	494.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	4.7	0.0
494.0	494.4	EI	EOLIAN_TU	FINE_GR_NO	93	7	93	3.00	Poor to	7.1	0.2

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
								Good			
494.4	494.4	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.6	1.0
494.4	494.5	Cr+Fpc	COLLUVIAL_TU	FINE_GR_FEW	100	0	100	5.00	Poor	0.4	2.0
494.5	494.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.5	2.6
494.8	495.5	EI	EOLIAN_TU	FINE_GR_NO	26	74	26	3.00	Poor to Good	13.4	3.4
495.5	495.7	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	2.50	Poor to Good	3.4	2.9
495.7	495.9	EI	EOLIAN_TU	FINE_GR_NO	0	100	0	3.00	Poor to Good	0.1	4.1
495.9	496.9	Cr	COLLUVIAL_TU	FINE_GR_NO	61	39	61	5.00	Poor	20.9	0.5
496.9	497.0	Fpm	ALLUVIAL_TU	GRAVEL_NO	62	38	62	5.00	Poor to Good	1.2	1.5
497.0	497.1	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	2.5
497.1	497.1	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	0.8	0.2
497.1	498.1	Cr	COLLUVIAL_TU	FINE_GR_NO	92	8	92	5.00	Poor	15.5	4.3
498.1	498.6	EI	EOLIAN_TU	FINE_GR_NO	86	14	86	3.00	Poor to Good	0.1	9.9
498.6	498.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.6	1.4
498.7	498.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.9	0.0
498.8	498.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.3	0.6
498.9	499.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	11.9	9.4
499.9	500.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	9.4
500.4	500.6	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	60	2.50	Poor to Good	4.5	0.4

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
500.6	501.2	El	EOLIAN_TU	FINE_GR_NO	46	54	46	3.00	Poor to Good	0.0	12.3
501.2	501.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	1.4
501.2	501.4	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	3.8	0.0
501.4	501.6	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.9
501.6	501.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.1
501.6	501.7	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	3.8	0.3
501.7	501.9	Fpm-f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	5	95	5	3.00	Poor	2.6	2.9
501.9	502.1	Fpm-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	4.6	0.0
502.1	502.8	Fpm-f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	2	98	2	3.00	Poor	14.4	1.3
502.8	503.3	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	59	41	59	3.00	Poor	4.0	4.5
503.3	504.6	Cr	COLLUVIAL_TU	FINE_GR_NO	88	12	88	5.00	Poor	28.2	1.0
504.6	504.7	Cr/El	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.4	0.6
504.7	504.7	El	EOLIAN_TU	FINE_GR_NO	98	2	98	3.00	Poor to Good	0.7	0.3
504.7	504.7	Cr/El	COLLUVIAL_TU	FINE_GR_NO	57	43	57	4.00	Poor	0.4	0.0
504.7	504.8	El	EOLIAN_TU	FINE_GR_NO	83	17	83	3.00	Poor to Good	2.2	0.1
504.8	504.8	Cr/El	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.1	0.0
504.8	504.9	El	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.6	0.0
504.9	504.9	Cr/El	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	1.3	0.0
504.9	505.0	El	EOLIAN_TU	FINE_GR_NO	90	10	90	3.00	Poor to	2.8	0.3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
505.0	505.1	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	84	16	84	4.00	Poor	3.6	0.0
505.1	505.3	EI	EOLIAN_TU	FINE_GR_NO	74	26	74	3.00	Poor to Good	2.2	2.1
505.3	505.3	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	68	32	68	4.00	Poor	1.0	0.0
505.3	505.5	EI	EOLIAN_TU	FINE_GR_NO	77	23	77	3.00	Poor to Good	1.1	2.2
505.5	505.5	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	65	35	65	4.00	Poor	0.1	0.6
505.5	505.6	EI	EOLIAN_TU	FINE_GR_NO	70	30	70	3.00	Poor to Good	0.0	2.3
505.6	505.7	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	84	16	84	4.00	Poor	0.1	1.4
505.7	505.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.4	2.7
505.9	506.1	Fpm	ALLUVIAL_TU	GRAVEL_NO	48	52	48	5.00	Poor to Good	3.8	0.3
506.1	506.3	Cr	COLLUVIAL_TU	FINE_GR_NO	52	48	52	5.00	Poor	4.2	0.0
506.3	506.3	Fpm	ALLUVIAL_TU	GRAVEL_NO	95	5	95	5.00	Poor to Good	0.8	0.0
506.3	507.1	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	15.0	0.1
507.1	507.3	EII	EOLIAN_TU	FINE_GR_NO	98	2	98	5.00	Poor to Moderate	3.5	0.0
507.3	507.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.9	0.0
507.3	507.4	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	2.4	0.0
507.4	507.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.1	0.0
507.6	507.7	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	2.6	0.0
507.7	507.9	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	96	2.50	Poor to Good	2.3	0.6
507.9	508.3	Cr	COLLUVIAL_TU	FINE_GR_NO	99	1	99	5.00	Poor	2.5	7.2

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
508.3	508.5	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.9	2.5
508.5	508.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	1.9
508.6	509.3	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	14.7
509.3	509.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	0.7
509.3	509.4	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	1.7
509.4	510.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	8.9	11.9
510.4	510.5	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	1.9	1.3
510.5	511.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	2.9	7.1
511.0	511.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.0	0.0
511.0	511.2	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.5	3.2
511.2	511.6	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.6	6.7
511.6	511.6	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	0.4
511.6	511.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.4
511.6	511.6	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.2	0.5
511.6	512.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	11.5
512.2	512.4	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	4.5
512.4	512.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.2	2.2
512.5	512.9	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	2.3	7.1
512.9	512.9	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	0.1
512.9	513.0	Ff-f	ALLUVIAL_TU	FINE_GR_NO	100	0	100	3.00	Moderate	1.0	0.3
513.0	513.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to	0.7	0.5

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
								Good			
513.0	513.3	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	5.1
513.3	513.5	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	6.2
513.5	513.6	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.1	1.6
513.6	514.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	6.8
514.0	514.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	1.6	1.2
514.1	514.3	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	3.4
514.3	514.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.5	0.6
514.3	514.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.3	8.8
514.7	514.7	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.1	0.5
514.7	515.3	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	11.3
515.3	515.6	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	7.9
515.6	515.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.6	1.0
515.7	515.7	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	0.7
515.7	515.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.4	1.1
515.8	515.9	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	1.3
515.9	516.1	Cr/EI	COLLUVIAL_TU	FINE_GR_NO	100	0	100	4.00	Poor	0.0	4.4
516.1	516.5	Cr	COLLUVIAL_TU	FINE_GR_NO	92	8	92	5.00	Poor	1.5	7.7
516.5	516.5	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.4

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
516.5	516.6	Ff-f	ALLUVIAL_TU	FINE_GR_NO	100	0	100	3.00	Moderate	0.4	1.7
516.6	516.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	2.9	5.2
516.9	517.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	1.7
517.0	517.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	0.6
517.0	517.4	EI	EOLIAN_TU	FINE_GR_NO	40	60	40	3.00	Poor to Good	0.0	7.8
517.4	517.4	Cr	COLLUVIAL_TU	FINE_GR_NO	0	100	0	5.00	Poor	0.0	0.2
517.4	517.9	EI	EOLIAN_TU	FINE_GR_NO	13	87	13	3.00	Poor to Good	0.0	9.8
517.9	517.9	Cr	COLLUVIAL_TU	FINE_GR_NO	91	9	91	5.00	Poor	0.0	0.9
517.9	518.0	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.5
518.0	518.6	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	10.4	1.4
518.6	518.6	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	1.4
518.6	518.7	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.3	1.0
518.7	518.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	1.2
518.7	518.9	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	63	2.50	Poor to Good	2.2	0.6
518.9	518.9	EI	EOLIAN_TU	FINE_GR_NO	44	56	44	3.00	Poor to Good	0.0	0.7
518.9	518.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.1	0.3

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
518.9	519.1	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	2.7
519.1	519.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.5	0.5
519.1	519.7	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.2	14.5
519.7	519.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.0	1.2
519.8	520.2	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	0.0	7.5
520.2	520.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.8
520.2	520.4	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.9	2.0
520.4	522.9	Es	EOLIAN_TU	SAND	31	69	31	5.00	Moderate to Good	28.9	24.4
522.9	523.0	H	ALLUVIAL_TS	FINE_GR_FEW	0	100	48	1.00	Poor to Good	3.5	0.0
523.0	523.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	3.7	4.7
523.4	523.4	O/EI	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	4.00	Poor	1.4	0.0
523.4	523.6	Es	EOLIAN_TU	SAND	92	8	92	5.00	Moderate to Good	4.2	0.5
523.6	523.9	EI	EOLIAN_TU	FINE_GR_NO	96	4	96	3.00	Poor to Good	1.8	3.6
523.9	524.0	O/EI	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	4.00	Poor	1.1	1.0
524.0	524.4	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	6.2	4.3
524.4	524.8	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	8.7	0.0

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
524.8	524.9	EI	EOLIAN_TU	FINE_GR_NO	100	0	100	3.00	Poor to Good	1.4	0.0
524.9	525.2	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	5.5	0.9
525.2	525.2	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.7	0.5
525.2	526.1	EII	EOLIAN_TU	FINE_GR_NO	92	8	92	5.00	Poor to Moderate	16.7	0.0
526.1	526.2	Fpm-f	ALLUVIAL_TU	SAND	33	67	33	5.00	Poor	3.7	0.4
526.2	527.0	Fpa-f	ALLUVIAL_TU	FINE_GR_NO	98	2	98	4.00	Poor	17.0	0.3
527.0	528.1	EII/Fpa-f	EOLIAN_TU	FINE_GR_NO	100	0	100	4.50	Poor to Moderate	11.0	10.5
528.1	529.4	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	24.8	0.0
529.4	530.4	EII/Fpa-f	EOLIAN_TU	FINE_GR_NO	100	0	100	4.50	Poor to Moderate	20.5	0.0
530.4	534.0	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	72.3	0.5
534.0	534.1	O/Fpa-f	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	4.50	Poor	2.0	0.0
534.1	534.3	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	0.0	4.2
534.3	534.5	O/Fpa-f	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	4.50	Poor	0.3	2.3
534.5	535.1	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	97	3	97	3.00	Poor	13.8	0.9
535.1	535.5	EI	EOLIAN_TU	FINE_GR_NO	89	11	89	3.00	Poor to Good	1.4	6.1
535.5	536.4	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	11.7	8.6
536.4	537.1	EI/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to	8.1	6.2

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Good		
537.1	537.3	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.3	4.1
537.3	537.4	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.7	0.0
537.4	537.6	Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.00	Poor to Good	4.1	0.0
537.6	537.6	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	0.4	0.1
537.6	537.8	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	84	16	84	3.00	Poor	1.6	3.5
537.8	537.9	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	0	100	0	5.00	Good	3.9	0.0
537.9	538.0	Fpm-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	0.2	0.1
538.0	538.0	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	0	100	0	5.00	Good	0.1	1.3
538.0	538.2	Fpm-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	2.6	0.1
538.2	539.4	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	1	2.00	Poor to Good	21.7	7.8
539.4	539.9	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.00	Poor to Good	0.6	9.6
539.9	540.2	Esd	EOLIAN_TS	SAND	0	100	10	3.00	Good	5.0	0.9
540.2	543.1	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	50	2.00	Poor to Good	58.4	1.0
543.1	543.8	Esd	EOLIAN_TS	SAND	0	100	49	3.00	Good	11.9	3.1
543.8	546.3	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	16	2.00	Poor to Good	45.6	5.9
546.3	546.3	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	0	2.00	Poor to Moderate	1.1	0.0
546.3	546.7	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	33	2.00	Poor to Good	2.0	7.3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
546.7	547.5	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	4	2.00	Poor to Moderate	10.3	5.7
547.5	548.0	EI/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.00	Poor to Good	11.3	0.0
548.0	548.2	EI/GFo	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.00	Poor to Good	6.4	0.0
548.2	552.0	EI/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.00	Poor to Good	28.9	49.9
552.0	554.3	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	3	2.00	Poor to Moderate	32.7	18.5
554.3	554.7	EI/GFo-De	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.00	Poor to Good	6.9	2.6
554.7	554.9	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	0	2.00	Poor to Moderate	5.4	0.0
554.9	557.5	EI/GFo-De	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	14	2.00	Poor to Good	41.6	11.3
557.5	557.6	EI/Fpc	EOLIAN_TU	FINE_GR_NO	100	0	100	4.00	Poor to Good	3.0	0.0
557.6	562.8	EI/GFo-Do+Fpc/G Fo-Do	EOLIAN_TS	GRANULAR_FREQ	0	100	83	2.50	Poor to Good	111.2	8.1
562.8	564.4	EI/GFo-De	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	81	2.00	Poor to Good	31.8	5.9
564.4	564.6	EI/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.00	Poor to Good	2.5	1.3
564.6	564.8	Fpc/GFo-De	ALLUVIAL_TU	GRANULAR_FREQ	61	39	61	3.00	Poor to Good	2.6	0.6
564.8	564.9	Es	EOLIAN_TU	SAND	0	100	0	5.00	Moderate to Good	2.1	0.0
564.9	565.1	Fpc/GFo-	ALLUVIAL_TU	GRANULAR_FREQ	13	87	13	3.00	Poor to	3.1	2.4

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
		De							Good		
565.1	566.9	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	67	2.00	Poor to Good	36.3	5.7
566.9	568.8	Es	EOLIAN_TU	SAND	0	100	0	5.00	Moderate to Good	37.4	0.0
568.8	574.0	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	46	2.00	Poor to Good	115.5	0.4
574.0	574.9	Es	EOLIAN_TU	SAND	19	81	19	5.00	Moderate to Good	16.6	0.3
574.9	575.7	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	6	94	6	5.00	Good	9.4	6.8
575.7	575.8	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	0	100	0	3.00	Poor	4.0	0.0
575.8	576.2	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	0.5	7.9
576.2	576.4	Fpa-f/Fpa-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	0	100	0	3.00	Poor	5.8	0.0
576.4	578.7	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	85	15	85	5.00	Good	33.7	12.9
578.7	580.2	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	93	2.00	Poor to Good	35.3	0.6
580.2	580.3	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Good	1.0	1.7
580.3	580.7	Fpb-f/Fpb-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	69	2.00	Poor	6.6	4.4
580.7	581.1	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Good	8.2	0.4
581.1	582.5	El/GFo-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	80	2.00	Poor to Good	17.8	15.6
582.5	584.8	Gt-Do	MORAINAL_TS	FINE_GR_FREQ	0	100	65	3.00	Moderate to Good	42.2	9.0
584.8	584.9	W	WATER	WATER	0	0	49	0.00	NA	0.6	0.0
584.9	587.4	Gt-Do	MORAINAL_TS	FINE_GR_FREQ	0	100	95	3.00	Moderate to Good	14.0	43.1

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
587.4	587.6	EI/Gt-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	3.00	Poor to Good	2.5	3.7
587.6	587.8	EII	EOLIAN_TU	FINE_GR_NO	100	0	100	5.00	Poor to Moderate	2.2	1.8
587.8	587.9	EI/Gt-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	91	3.00	Poor to Good	1.1	1.6
587.9	588.0	O/Gt-Do	ORGANIC_TU	PEAT_GRANULAR_FREQ	0	100	0	4.00	Poor	1.3	0.0
588.0	588.3	EI/Gt-Do	EOLIAN_TS	FINE_GR_OVER_GRAN_FREQ	0	100	53	3.00	Poor to Good	2.9	4.3
588.3	588.4	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	53	1.00	Good	9.4	0.0
588.4	588.7	Gt-Do	MORAINAL_TS	FINE_GR_FREQ	0	100	56	3.00	Moderate to Good	8.7	0.0
588.7	590.7	GfO-Do	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	18	1.00	Good	45.7	0.7
590.7	590.9	Fpc	ALLUVIAL_TU	GRANULAR_FEW	0	100	0	5.00	Poor to Good	4.3	0.5
590.9	591.8	GfO-Do	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	21.1	0.0
591.8	592.0	C+F	COLLUVIAL_TU	GRANULAR_FREQ	0	100	0	4.00	Poor to Good	4.2	0.0
592.0	593.1	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	8	92	8	5.00	Good	24.5	0.0
593.1	593.3	C+F	COLLUVIAL_TU	GRANULAR_FREQ	51	49	51	4.00	Poor to Good	4.4	0.0
593.3	593.4	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	0	100	0	5.00	Good	2.8	0.0
593.4	594.3	C+F	COLLUVIAL_TU	GRANULAR_FREQ	47	53	47	4.00	Poor to Good	10.1	8.4
594.3	594.3	Fpt	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	5.00	Good	0.0	0.8
594.3	594.7	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	3.00	Good	2.3	6.0
594.7	596.3	C	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Poor to Good	1.9	32.6
596.3	596.5	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	3.00	Good	2.4	2.4

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
596.5	597.4	C	COLLUVIAL_TU	GRANULAR_FREQ	97	3	97	3.00	Poor to Good	3.4	16.0
597.4	597.6	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	44	3.00	Good	5.4	0.4
597.6	599.3	Bw+C/Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	69	2.33	Poor to Moderate	42.8	0.0
599.3	599.7	C	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Poor to Good	9.7	0.0
599.7	599.8	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.7	1.1
599.8	600.5	GfO	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	14.3	0.9
600.5	601.1	C	COLLUVIAL_TU	GRANULAR_FREQ	93	7	93	3.00	Poor to Good	12.7	0.0
601.1	601.4	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	70	3.00	Good	6.3	0.1
601.4	601.4	C	COLLUVIAL_TU	GRANULAR_FREQ	77	23	77	3.00	Poor to Good	1.1	0.0
601.4	601.5	O/GfO	ORGANIC_TU	PEAT_GRANULAR_FREQ	100	0	100	3.00	Poor	0.5	0.0
601.5	601.9	C	COLLUVIAL_TU	GRANULAR_FREQ	81	19	81	3.00	Poor to Good	10.0	0.0
601.9	601.9	GfO	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	70	1.00	Good	0.3	0.0
601.9	602.0	C	COLLUVIAL_TU	GRANULAR_FREQ	70	30	70	3.00	Poor to Good	1.9	0.0
602.0	602.6	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	70	3.00	Good	11.5	0.0
602.6	602.8	O/GfO	ORGANIC_TU	PEAT_GRANULAR_FREQ	70	30	70	3.00	Poor	4.2	0.0
602.8	603.5	C	COLLUVIAL_TU	GRANULAR_FREQ	94	6	94	3.00	Poor to Good	14.3	0.0
603.5	603.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.9	0.0
603.6	603.7	O/GfO	ORGANIC_TU	PEAT_GRANULAR_FREQ	100	0	100	3.00	Poor	0.9	0.0
603.7	603.8	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.4	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
603.8	603.8	O/GFo	ORGANIC_TU	PEAT_GRANULAR_FREQ	100	0	100	3.00	Poor	0.1	0.0
603.8	604.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.3	0.7
604.0	604.4	Ff	ALLUVIAL_TS	GRAVEL_NO	0	100	100	3.00	Good	8.5	0.4
604.4	605.1	C	COLLUVIAL_TU	GRANULAR_FREQ	92	8	92	3.00	Poor to Good	8.1	7.4
605.1	605.4	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	2.50	Poor to Good	2.6	2.8
605.4	605.9	C	COLLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Poor to Good	0.7	10.9
605.9	606.5	C/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	72	2.50	Poor to Good	8.7	3.7
606.5	607.3	Fpa-s	ALLUVIAL_TU	SAND	100	0	100	4.00	Poor to Moderate	18.4	0.2
607.3	607.5	Ct	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	1.5	2.7
607.5	607.6	Bu+C/Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.67	Poor to Good	0.6	0.5
607.6	607.6	Ct	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.3	0.2
607.6	607.7	Bu+C/Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	1.67	Poor to Good	3.2	0.0
607.7	608.0	Ct	COLLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.0	6.4
608.0	608.4	GFo-Do	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	75	1.00	Good	9.0	0.0
608.4	608.7	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	70	1.00	Good	5.8	2.3
608.7	609.0	Bu+C/Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	70	1.67	Poor to Good	5.6	1.2
609.0	609.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	70	1.00	Good	0.0	0.5
609.1	609.4	Bu+C/Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	70	1.67	Poor to Good	7.6	0.0
609.4	609.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	70	1.00	Good	0.0	1.0

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
609.5	610.1	Bu+C/Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	70	1.67	Poor to Good	11.9	0.0
610.1	610.1	Ct	COLLUVIAL_TS	GRANULAR_FREQ	0	100	38	1.00	Good	0.0	1.3
610.1	610.4	Fpm-f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	0	100	0	3.00	Poor	3.8	2.3
610.4	611.7	GFo-Do	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	31.5	0.2
611.7	611.9	Fpm	ALLUVIAL_TU	GRAVEL_NO	0	100	0	5.00	Poor to Good	2.8	1.8
611.9	614.8	GFo-Do	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	8	1.00	Good	64.6	2.8
614.8	615.5	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	15	1.00	Good	13.7	0.0
615.5	616.9	GFo-Do	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	20	1.00	Good	33.3	0.0
616.9	617.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.1	0.0
617.0	617.1	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	0.9	1.2
617.1	617.2	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.2	0.0
617.2	617.4	Cr/Gt-De	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	4.9	0.6
617.4	617.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.9	0.0
617.5	617.5	Cr/Gt-De	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.2	1.0
617.5	618.0	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	8.0	3.1
618.0	618.1	Cr/Gt-De	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	2.4	0.0
618.1	618.3	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	97	2.00	Poor to Moderate	4.1	0.1
618.3	618.3	Cr/Gt-De	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.7	0.0
618.3	618.8	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	95	2.00	Poor to Moderate	10.5	1.2
618.8	619.0	Cr/Gt-De	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	4.1	0.3
619.0	619.1	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to	1.0	2.7

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									Moderate		
619.1	619.2	Cr/Gt-De	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.50	Poor	0.3	0.7
619.2	619.5	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	96	2.00	Poor to Moderate	4.9	3.8
619.5	619.5	Cr/Gt-Do	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	53	47	53	4.00	Poor	0.7	0.0
619.5	619.6	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	94	2.00	Poor to Moderate	1.1	0.0
619.6	619.6	Cr/Gt-Do	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	4.00	Poor	0.9	0.0
619.6	619.8	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	100	2.00	Poor to Moderate	3.2	0.6
619.8	621.1	Gt-Do	MORAINAL_TS	FINE_GR_FREQ	0	100	86	3.00	Moderate to Good	11.0	17.6
621.1	621.2	Fpb-f/Fpb-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	0	2.00	Poor	3.2	0.1
621.2	621.6	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	20.3	0.0
621.6	621.7	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	25	2.00	Poor to Moderate	1.0	0.0
621.7	621.8	Gt-Do	MORAINAL_TS	FINE_GR_FREQ	0	100	50	3.00	Moderate to Good	5.6	0.0
621.8	622.4	Gf-Do	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	85	1.00	Good	11.8	0.4
622.4	622.5	Cr/Gf-Do+Ff-f/Gf-Do	COLLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	100	2.50	Poor	1.3	1.0
622.5	623.5	Gt-Do	MORAINAL_TS	FINE_GR_FREQ	0	100	90	3.00	Moderate to Good	4.8	17.3
623.5	624.5	Gf-Do	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	16	1.00	Good	24.2	0.0
624.5	626.7	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	29	1.00	Good	54.1	0.0
626.7	626.7	Fp	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	0.6	0.0

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
626.7	626.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	1.0	0.0
626.8	626.8	Fp	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	1.0	0.0
626.8	626.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	2.7	0.0
626.9	626.9	Fp	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	0.6	0.0
626.9	627.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	38	1.00	Good	23.0	0.0
627.9	627.9	Fp	ALLUVIAL_TU	GRAVEL_NO	43	57	43	3.00	Poor to Good	0.6	0.3
627.9	629.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	38	1.00	Good	14.6	14.4
629.1	629.4	Ff/Fp-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	2.00	Good	7.6	0.0
629.4	629.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	12.3	0.0
629.8	629.9	Fp	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	0.0	1.0
629.9	630.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	3.7	2.4
630.1	630.2	Fp	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	0.0	1.2
630.2	630.3	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	3.3	0.2
630.3	630.3	Fp	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	0.1	0.7
630.3	630.9	GFo-De	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Moderate to Good	14.1	0.2
630.9	630.9	Fp	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	1.0	0.0
630.9	632.1	GFo-De	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	37	1.00	Moderate to Good	13.4	16.4
632.1	632.8	Ff/GFo-De	ALLUVIAL_TS	GRANULAR_FREQ	0	100	98	2.00	Good	16.6	0.8
632.8	634.1	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	63	2.00	Poor to Moderate	19.1	10.3

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
634.1	634.1	GFo-De	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Moderate to Good	1.7	0.0
634.1	634.4	Gfo-De	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Moderate to Good	6.5	0.0
634.4	634.7	GFo-De	GLACIOFLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Moderate to Good	7.2	1.0
634.7	634.8	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	0	2.00	Poor to Moderate	0.8	0.0
634.8	634.9	Fpb-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	2.5	0.3
634.9	634.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	0.4	0.5
634.9	635.6	Gt-De	MORAINAL_TS	FINE_GR_FREQ	0	100	74	2.00	Poor to Moderate	7.9	8.2
635.6	636.2	Cr/Ff-c	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	0.4	11.7
636.2	636.3	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	100	1.00	Good	0.0	4.3
636.3	636.4	Cr/Ff-c	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	0.0	1.5
636.4	636.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	41	1.00	Good	12.1	1.6
636.9	637.0	Fp	ALLUVIAL_TU	GRAVEL_NO	0	100	0	3.00	Poor to Good	0.1	1.9
637.0	637.8	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	11	1.00	Good	18.0	2.3
637.8	637.9	Cr/Ff-c	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	70	30	70	3.00	Poor	0.4	2.5
637.9	638.6	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	90	1.00	Good	13.9	2.0
638.6	638.9	Cr/Ff-c	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	75	25	75	3.00	Poor	1.9	4.4
638.9	639.4	CI	COLLUVIAL_TU	GRANULAR_FREQ	73	27	73	4.00	Poor to Moderate	12.3	0.0
639.4	639.7	Cr/Ff-c	COLLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	100	0	100	3.00	Poor	6.6	0.0
639.7	640.9	Ff-f/Ff-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	58	2.00	Moderate	27.4	0.0
640.9	641.4	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	10.5	0.0
641.4	641.4	O/Ff-c	ORGANIC_TU	PEAT_GRANULAR_FREQ	0	100	0	3.00	Poor	1.3	0.0

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
641.4	641.5	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	2.4	0.0
641.5	641.9	O/Ff-c	ORGANIC_TU	PEAT_GRANULAR_FREQ	25	75	25	3.00	Poor	7.3	0.0
641.9	641.9	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	25	1.00	Good	0.7	0.0
641.9	642.0	O/Ff-c	ORGANIC_TU	PEAT_GRANULAR_FREQ	25	75	25	3.00	Poor	2.2	0.0
642.0	642.1	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	25	1.00	Good	1.8	0.0
642.1	642.3	O/Ff-c	ORGANIC_TU	PEAT_GRANULAR_FREQ	25	75	25	3.00	Poor	4.5	0.0
642.3	657.4	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	16	1.00	Good	340.5	0.0
657.4	659.5	Fpa-f/Ff-c	ALLUVIAL_TS	FINE_GR_OVER_GRAN_FREQ	0	100	88	2.50	Poor	33.0	8.7
659.5	660.0	Fpm-f/Ff-c	ALLUVIAL_TU	GRANULAR_FREQ	89	11	89	3.00	Poor	9.1	0.8
660.0	660.0	Fpm	ALLUVIAL_TU	GRAVEL_NO	83	17	83	5.00	Poor to Good	0.3	0.3
660.0	660.3	Fpm-f/Ff-c	ALLUVIAL_TU	GRANULAR_FREQ	100	0	100	3.00	Poor	0.1	5.5
660.3	662.3	Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	78	1.00	Good	48.0	0.1
662.3	663.4	Fpa/Ff-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	27	2.00	Poor to Good	23.5	2.2
663.4	663.6	O/Ff	ORGANIC_TU	PEAT_GRAVEL_NO	34	66	34	4.00	Poor	2.9	0.0
663.6	663.9	El/Fpa-f	EOLIAN_TU	FINE_GR_NO	59	41	59	3.50	Poor to Good	7.5	0.0
663.9	665.2	Fpm- f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	82	18	82	3.00	Poor	14.4	10.4
665.2	665.6	O/Fpm	ORGANIC_TU	PEAT_GRAVEL_NO	100	0	100	5.00	Poor	9.1	0.0
665.6	666.0	Fpm- f/Fpm-c	ALLUVIAL_TU	FINE_GR_OVER_GRAN_FREQ	56	44	56	3.00	Poor	8.7	0.2
666.0	666.1	Fpm-c	ALLUVIAL_TS	GRANULAR_FREQ	0	100	0	1.00	Good	2.7	0.3
666.1	666.2	B	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	3.00	Poor to Good	1.2	0.0
666.2	666.6	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	68	2.50	Poor to Good	9.7	0.0

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
666.6	666.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	2.6	0.7
666.7	667.0	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.1	4.2
667.0	667.0	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.3	1.0
667.0	667.2	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	3.0	1.5
667.2	667.5	El/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	28	2.50	Poor to Good	5.5	0.0
667.5	669.4	Esd	EOLIAN_TS	SAND	0	100	20	3.00	Good	3.5	40.5
669.4	670.0	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	23	3.50	Moderate to Good	10.3	3.3
670.0	670.4	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.9	6.3
670.4	670.5	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.2	2.2
670.5	670.5	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	1.8
670.5	670.7	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	1.9	1.4
670.7	670.8	Esd	EOLIAN_TS	SAND	0	100	21	3.00	Good	0.2	2.3
670.8	670.9	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	2.4	0.0
670.9	671.5	Esd	EOLIAN_TS	SAND	0	100	0	3.00	Good	6.3	6.5
671.5	671.5	Cr-s	COLLUVIAL_TU	SAND	39	61	39	4.00	Poor	1.0	0.7
671.5	672.8	Esd	EOLIAN_TS	SAND	0	100	37	3.00	Good	10.5	17.9
672.8	672.9	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	1.9	0.3
672.9	673.1	Esd	EOLIAN_TS	SAND	0	100	85	3.00	Good	0.3	3.7
673.1	673.5	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	1	3.50	Moderate to Good	3.0	7.9
673.5	673.8	Esd	EOLIAN_TS	SAND	0	100	84	3.00	Good	0.0	6.0
673.8	673.9	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.2	1.4
673.9	674.1	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.1	6.5

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
674.1	674.2	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.0	0.8
674.2	674.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	0.9
674.2	674.3	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	1.2
674.3	674.3	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.0	1.2
674.3	674.4	Esd	EOLIAN_TS	SAND	0	100	69	3.00	Good	0.1	2.3
674.4	674.5	Es	EOLIAN_TU	SAND	0	100	0	5.00	Moderate to Good	0.7	2.1
674.5	674.8	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	66	3.50	Moderate to Good	1.4	5.3
674.8	675.0	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.2	3.1
675.0	675.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	4.9
675.2	675.2	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.0	2.0
675.2	675.8	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	7	3.50	Moderate to Good	10.9	0.1
675.8	675.9	Cr-s	COLLUVIAL_TU	SAND	99	1	99	4.00	Poor	0.6	1.6
675.9	676.0	Es	EOLIAN_TU	SAND	82	18	82	5.00	Moderate to Good	1.9	0.6
676.0	676.1	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	1.8	0.0
676.1	676.2	Es	EOLIAN_TU	SAND	83	17	83	5.00	Moderate to Good	1.8	2.1
676.2	676.5	Cr-s	COLLUVIAL_TU	SAND	37	63	37	4.00	Poor	6.1	0.4
676.5	676.5	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	0.0	0.2
676.5	676.6	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	2.0	0.0
676.6	677.4	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	36	3.50	Moderate	12.4	3.5

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									to Good		
677.4	677.5	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	2.7	0.3
677.5	677.8	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	38	3.50	Moderate to Good	7.5	0.6
677.8	677.9	Cr-s	COLLUVIAL_TU	SAND	0	100	0	4.00	Poor	0.1	0.7
677.9	678.0	Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	1.00	Poor to Good	1.3	0.2
678.0	678.0	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	1.4	0.0
678.0	678.1	Bu	ROCK (SURFACE)	BEDROCK_GRADE	0	100	1	1.00	Poor to Good	1.5	0.0
678.1	678.4	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	30	3.50	Moderate to Good	6.2	0.0
678.4	678.5	Esd	EOLIAN_TS	SAND	0	100	59	3.00	Good	1.4	0.6
678.5	678.5	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.5	0.9
678.5	679.1	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	63	3.50	Moderate to Good	6.0	6.9
679.1	679.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.4	4.4
679.4	679.5	Cr-s	COLLUVIAL_TU	SAND	65	35	65	4.00	Poor	0.3	1.8
679.5	679.7	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	50	3.50	Moderate to Good	6.0	0.1
679.7	679.8	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.0	0.3
679.8	679.8	Fpc/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor to Good	0.0	0.6
679.8	679.8	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.0	1.2
679.8	680.2	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	20	3.50	Moderate to Good	4.7	2.4
680.2	680.2	Cr-s	COLLUVIAL_TU	SAND	0	100	0	4.00	Poor	0.0	0.9

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
680.2	680.9	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	37	3.50	Moderate to Good	9.4	6.4
680.9	681.0	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	2.1	0.2
681.0	681.2	Cr-s	COLLUVIAL_TU	SAND	99	1	99	4.00	Poor	3.2	0.7
681.2	681.5	Esd	EOLIAN_TS	SAND	0	100	81	3.00	Good	0.9	7.2
681.5	681.6	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	0.7	0.0
681.6	681.7	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	1.6	0.9
681.7	681.7	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.9	0.4
681.7	681.9	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.5	3.0
681.9	681.9	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.8	0.7
681.9	682.2	Esd	EOLIAN_TS	SAND	0	100	92	3.00	Good	2.7	3.3
682.2	682.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.2
682.2	682.4	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	0.0	4.7
682.4	682.6	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.1	3.1
682.6	682.6	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	1.2	0.1
682.6	682.7	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.0
682.7	682.7	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	0.2	0.4
682.7	683.0	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	40	2.00	Poor to Moderate	6.0	0.0
683.0	683.1	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	90	3.50	Moderate to Good	2.7	0.5
683.1	683.4	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	7.5	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
683.4	683.5	Es/Bu	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.00	Moderate to Good	1.9	0.4
683.5	683.5	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	0.1	0.0
683.5	683.6	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	2.7	0.0
683.6	683.7	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.1	1.9
683.7	683.9	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	98	3.50	Moderate to Good	3.1	0.2
683.9	683.9	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	1	2.00	Poor to Moderate	1.5	0.0
683.9	684.2	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	5.9	0.0
684.2	684.3	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	2	2.00	Poor to Moderate	3.2	0.0
684.3	684.4	Cr-s/Es	COLLUVIAL_TU	SAND	65	35	65	4.50	Poor	0.0	0.1
684.4	684.5	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	99	3.50	Moderate to Good	2.5	1.6
684.5	684.9	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.1	8.6
684.9	685.5	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	90	3.50	Moderate to Good	9.0	4.9
685.5	685.7	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.3	1.3
685.7	685.7	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.2	0.0
685.7	685.9	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	5.2	0.0
685.9	686.0	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	1.6	0.6
686.0	686.1	Es/Fpt	EOLIAN_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate to Good	1.3	1.1
686.1	686.4	Esd	EOLIAN_TS	SAND	0	100	87	3.00	Good	0.7	6.5
686.4	687.0	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	12.3	0.0

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
687.0	687.1	Ff/Es	ALLUVIAL_TU	GRAVEL_NO	100	0	100	4.00	Good	0.0	1.7
687.1	687.1	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.0
687.1	687.4	Ess/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	56	3.50	Moderate to Good	5.8	0.0
687.4	687.6	Es	EOLIAN_TU	SAND	74	26	74	5.00	Moderate to Good	3.1	2.2
687.6	687.7	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.5	1.4
687.7	688.0	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	4.3	2.6
688.0	688.5	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	72	3.50	Moderate to Good	11.9	0.5
688.5	688.6	Es	EOLIAN_TU	SAND	88	12	88	5.00	Moderate to Good	0.1	2.1
688.6	688.6	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	0.1
688.6	688.6	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.1	1.1
688.6	688.8	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	1.1	2.0
688.8	689.0	Es/Fpt	EOLIAN_TU	GRANULAR_FREQ	100	0	100	5.00	Moderate to Good	1.2	2.4
689.0	689.5	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	5.7	6.0
689.5	689.6	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.8
689.6	689.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	43	3.50	Moderate to Good	3.0	0.1
689.7	690.5	Esd	EOLIAN_TS	SAND	0	100	0	3.00	Good	6.4	13.5
690.5	690.6	Cr-s	COLLUVIAL_TU	SAND	88	12	88	4.00	Poor	1.0	4.1
690.6	690.8	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	3.0
690.8	691.1	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate	0.0	6.8

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									to Good		
691.1	692.9	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	72	3.50	Moderate to Good	14.6	21.9
692.9	693.0	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	3.4	0.0
693.0	695.0	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	23	3.50	Moderate to Good	23.7	16.2
695.0	695.5	Es	EOLIAN_TU	SAND	14	86	14	5.00	Moderate to Good	8.3	2.9
695.5	695.5	Fpc/Es	ALLUVIAL_TU	GRANULAR_FEW	44	56	44	5.00	Poor to Good	0.0	1.0
695.5	695.7	Es	EOLIAN_TU	SAND	25	75	25	5.00	Moderate to Good	0.9	3.8
695.7	696.2	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	45	3.50	Moderate to Good	11.0	0.4
696.2	696.5	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.0	5.6
696.5	696.6	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	0.0	2.1
696.6	697.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	80	3.50	Moderate to Good	14.0	9.3
697.7	697.7	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.3	0.3
697.7	698.0	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	4.1	0.2
698.0	698.0	Fpc	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	1.9	0.4
698.0	698.1	Cr-s	COLLUVIAL_TU	SAND	79	21	79	4.00	Poor	1.5	0.6
698.1	699.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	35	3.50	Moderate to Good	27.0	6.4
699.7	700.0	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.4	5.2

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
700.0	700.0	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.0	0.2
700.0	700.0	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.1	0.3
700.0	700.1	Fpc	ALLUVIAL_TU	GRANULAR_FEW	95	5	95	5.00	Poor to Good	1.9	0.8
700.1	700.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	5.8	0.0
700.4	700.5	Hf	ALLUVIAL_TS	GRAVEL_NO	0	100	100	1.00	Moderate to Good	1.9	0.1
700.5	700.8	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	83	2.00	Poor to Moderate	7.7	0.0
700.8	701.0	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	4.4	0.0
701.0	701.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	3.4	3.7
701.4	701.5	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	2.9	0.2
701.5	701.6	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.6	1.4
701.6	701.7	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	1.6	0.2
701.7	701.8	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	2.9	0.0
701.8	702.6	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	5.7	10.3
702.6	702.7	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	2.4
702.7	703.3	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	7	3.50	Moderate to Good	14.0	0.1
703.3	703.4	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	0.2	0.0
703.4	704.5	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate	22.8	1.0

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									to Good		
704.5	704.6	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	3.3	0.0
704.6	704.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	0.4	0.1
704.7	704.7	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	17	2.00	Poor to Moderate	1.8	0.0
704.7	704.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	0.0	0.0
704.7	704.8	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	0.0	0.7
704.8	704.9	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	2.2	0.6
704.9	704.9	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	1.5	0.0
704.9	705.0	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	1.0	0.0
705.0	705.1	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	1.8	0.1
705.1	705.2	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	81	2.00	Poor to Moderate	2.0	0.0
705.2	705.2	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	1.2	0.0
705.2	705.4	Cr-s/Es	COLLUVIAL_TU	SAND	59	41	59	4.50	Poor	4.2	0.5
705.4	705.6	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	55	3.50	Moderate to Good	3.5	0.1
705.6	705.7	Cr-s/Es	COLLUVIAL_TU	SAND	0	100	0	4.50	Poor	0.0	1.4
705.7	705.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	58	3.50	Moderate to Good	1.6	0.0
705.7	705.8	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	2.0	0.0
705.8	706.8	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	80	3.50	Moderate	18.6	2.9

TABLE 7A-3

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Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									to Good		
706.8	706.9	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.5	0.0
706.9	707.4	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	7.7	2.7
707.4	707.8	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	4.4	3.7
707.8	707.9	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	0.5	1.8
707.9	708.2	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	5.7	1.0
708.2	708.2	Fpc/Cr-s	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	4.50	Poor to Good	1.5	0.3
708.2	708.4	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	3.7
708.4	708.5	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	1.5	0.0
708.5	708.6	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	2.4	0.0
708.6	708.6	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	57	2.00	Poor to Moderate	1.6	0.0
708.6	708.8	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	86	3.50	Moderate to Good	2.9	0.0
708.8	709.3	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.4	10.1
709.3	709.3	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	1.6	0.0
709.3	709.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.7	2.1
709.4	709.8	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	6.5	0.5
709.8	709.9	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	4.0	0.0
709.9	710.1	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	3.7	1.2

TABLE 7A-3

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
710.1	710.2	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	2.1	0.2
710.2	710.3	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.1	1.4
710.3	710.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	8.8	0.1
710.7	710.7	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.2
710.7	710.8	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.0	1.4
710.8	710.8	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.0
710.8	711.1	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	6.3	0.4
711.1	711.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.6	4.5
711.4	711.4	Fpc/Es	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	5.00	Poor to Good	0.6	0.1
711.4	711.8	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.9	8.0
711.8	711.8	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.5	0.1
711.8	711.9	Fpc/Cr-s	ALLUVIAL_TU	GRANULAR_FEW	100	0	100	4.50	Poor to Good	1.1	0.1
711.9	711.9	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	1.2	0.0
711.9	712.0	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.9
712.0	713.3	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	98	3.50	Moderate to Good	21.9	4.8
713.3	713.3	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	1.5
713.3	713.6	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	7.2

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Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
713.6	713.7	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	0.8
713.7	713.7	Cr-s	COLLUVIAL_TU	SAND	79	21	79	4.00	Poor	0.6	0.7
713.7	713.9	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	30	3.50	Moderate to Good	3.5	0.0
713.9	714.1	EsD	EOLIAN_TS	SAND	0	100	75	3.00	Good	2.9	1.7
714.1	714.5	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	0.0	9.1
714.5	714.6	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.6	2.0
714.6	714.8	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	2.4	0.9
714.8	715.1	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.1	4.4
715.1	715.1	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	1.3	0.2
715.1	715.3	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.0	2.7
715.3	715.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.3	0.6
715.4	715.5	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	2.0
715.5	715.6	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.9
715.6	715.6	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	0.7
715.6	715.7	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.2
715.7	716.1	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	9.1
716.1	716.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.3
716.2	716.2	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	0.3
716.2	716.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	0.7
716.2	717.3	EsD	EOLIAN_TS	SAND	0	100	100	3.00	Good	7.8	17.3
717.3	717.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate	2.2	0.0

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
									to Good		
717.4	718.7	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	18.0	8.9
718.7	719.3	Fpt-s	ALLUVIAL_TU	SAND	100	0	100	3.00	Poor to Moderate	12.6	0.5
719.3	719.5	Fpa-s	ALLUVIAL_TU	SAND	100	0	100	4.00	Poor to Moderate	1.7	1.1
719.5	719.5	Fpm-s	ALLUVIAL_TU	SAND	100	0	100	5.00	Poor to Moderate	0.7	0.4
719.5	719.5	Fpa-s	ALLUVIAL_TU	SAND	100	0	100	4.00	Poor to Moderate	0.7	0.1
719.5	719.5	W	WATER	WATER	0	0	100	0.00	NA	0.3	0.0
719.5	719.7	Fpa-s	ALLUVIAL_TU	SAND	100	0	100	4.00	Poor to Moderate	2.9	0.2
719.7	720.1	Es/Fpt-s	EOLIAN_TU	SAND	100	0	100	4.00	Moderate to Good	6.8	0.6
720.1	720.3	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	3.7	1.2
720.3	720.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.4	0.0
720.4	720.7	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.3	4.4
720.7	720.9	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	2.9	0.0
720.9	721.0	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.0	1.5
721.0	721.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	3.6	4.3
721.4	722.2	Esd	EOLIAN_TS	SAND	0	100	96	3.00	Good	6.9	10.5
722.2	722.3	Cr-s/Es	COLLUVIAL_TU	SAND	87	13	87	4.50	Poor	1.8	0.4
722.3	722.4	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	1.7	0.0
722.4	722.8	Cr-s/Es	COLLUVIAL_TU	SAND	71	29	71	4.50	Poor	6.7	1.5

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
722.8	723.4	Esd	EOLIAN_TS	SAND	0	100	50	3.00	Good	2.5	10.5
723.4	723.4	Es	EOLIAN_TU	SAND	30	70	30	5.00	Moderate to Good	0.0	0.1
723.4	723.4	Fpa-s/Es	ALLUVIAL_TU	SAND	30	70	30	4.50	Poor to Moderate	0.8	0.0
723.4	723.6	Es	EOLIAN_TU	SAND	30	70	30	5.00	Moderate to Good	2.8	0.0
723.6	724.1	Cr-s/Es	COLLUVIAL_TU	SAND	30	70	30	4.50	Poor	9.2	0.9
724.1	724.1	Esd	EOLIAN_TS	SAND	0	100	30	3.00	Good	0.0	1.7
724.1	724.2	Cr-s/Es	COLLUVIAL_TU	SAND	32	68	32	4.50	Poor	0.0	1.9
724.2	724.6	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.0	6.7
724.6	724.7	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.0	1.6
724.7	724.8	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	1.0	0.0
724.8	724.8	Cr-s	COLLUVIAL_TU	SAND	100	0	100	4.00	Poor	0.2	0.0
724.8	724.9	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	1.6	1.0
724.9	724.9	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	0.1	0.3
724.9	725.0	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.4	2.9
725.0	725.1	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.7	0.0
725.1	725.1	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.1	0.0
725.1	725.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	2.0	0.0
725.2	725.2	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.8	0.0
725.2	725.3	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.9	0.5
725.3	725.3	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.2	0.9

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Alaska Pipeline Project

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AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
725.3	725.5	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	1.0	2.0
725.5	726.0	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.5	8.3
726.0	726.1	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	2.9	0.0
726.1	726.3	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	4.3	0.1
726.3	726.3	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.2	0.0
726.3	726.4	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.6	1.9
726.4	726.5	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.0	0.0
726.5	726.5	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	0.7	0.1
726.5	726.6	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.6	1.7
726.6	726.7	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	1.7
726.7	726.9	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.1	5.0
726.9	727.2	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	4.5	0.6
727.2	727.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.9	0.0
727.2	727.4	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	4.7
727.4	727.8	Cr-s/Es	COLLUVIAL_TU	SAND	100	0	100	4.50	Poor	1.5	4.9
727.8	727.9	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	3.3
727.9	728.3	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	68	3.50	Moderate to Good	8.2	1.2
728.3	728.7	Esd	EOLIAN_TS	SAND	0	100	93	3.00	Good	1.8	6.0
728.7	728.7	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.3	0.0

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Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
728.7	728.8	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	1.6	0.8
728.8	729.1	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	5.8	0.0
729.1	729.1	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.8	0.0
729.1	729.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.1	0.0
729.2	729.4	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	3.4	0.0
729.4	729.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.0	0.0
729.4	729.4	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.3	0.0
729.4	729.5	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.9	0.0
729.5	729.5	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	1.0	0.0
729.5	729.6	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.6	0.0
729.6	729.6	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.6	0.0
729.6	729.7	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	1.3	0.0
729.7	729.9	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	3.8	1.7
729.9	730.0	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	0.1	1.4
730.0	730.2	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	3.0	1.8
730.2	730.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	3.8	0.0
730.4	730.5	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	2.0	0.7
730.5	730.5	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	0.2	0.3
730.5	730.6	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.6	1.0

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Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
730.6	730.8	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	4.2	0.0
730.8	731.0	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	1.2	2.4
731.0	731.0	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	0.1	0.7
731.0	731.3	Esd	EOLIAN_TS	SAND	0	100	86	3.00	Good	0.5	6.4
731.3	731.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	33	3.50	Moderate to Good	4.9	2.5
731.7	731.7	Esd	EOLIAN_TS	SAND	0	100	100	3.00	Good	0.0	1.4
731.7	731.8	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.3	1.3
731.8	732.1	Es	EOLIAN_TU	SAND	96	4	96	5.00	Moderate to Good	3.6	0.9
732.1	732.2	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.6	0.0
732.2	732.2	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	0.6	0.0
732.2	732.6	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	4.6	4.9
732.6	732.9	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	4.3
732.9	733.4	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	3.0	8.2
733.4	733.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	1.9
733.4	733.8	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	7.1
733.8	733.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	2.3
733.9	734.2	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.0	4.0
734.2	734.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.6	0.0
734.4	734.5	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	2.8	0.0
734.5	734.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.7	0.0

TABLE 7A-3

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
734.5	735.0	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	4.0	5.9
735.0	735.2	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	3.9
735.2	735.2	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	98	2	98	5.00	Poor	0.0	1.9
735.2	735.5	Es	EOLIAN_TU	SAND	86	14	86	5.00	Moderate to Good	2.8	2.4
735.5	735.5	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.3	0.1
735.5	735.5	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.8	0.0
735.5	735.6	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	1.0	0.0
735.6	735.7	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.9	1.5
735.7	735.9	Es	EOLIAN_TU	SAND	13	87	13	5.00	Moderate to Good	0.0	5.2
735.9	736.8	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	15.6	2.7
736.8	737.0	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	5.0	0.0
737.0	737.4	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	6.9	0.2
737.4	738.0	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	0	2.00	Poor to Moderate	12.5	0.0
738.0	738.4	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	0	3.50	Moderate to Good	8.0	0.8
738.4	738.7	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	1	2.00	Poor to Moderate	7.5	0.0
738.7	738.8	Es	EOLIAN_TU	SAND	86	14	86	5.00	Moderate to Good	1.1	0.3
738.8	738.9	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.1	0.0
738.9	739.0	Cr/Fpl	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.3	0.0

TABLE 7A-3

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw- Sensitive	Thaw- Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
739.0	739.1	Fpl	ALLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.7	0.0
739.1	739.2	Es/Fpl	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.9	0.0
739.2	739.4	Fpl	ALLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	3.6	0.4
739.4	739.4	Es/Fpl	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.7	0.0
739.4	739.7	Fpl	ALLUVIAL_TU	FINE_GR_NO	97	3	97	5.00	Poor	5.3	0.0
739.7	740.0	Fpm-s/Fpl	ALLUVIAL_TU	SAND	95	5	95	5.00	Poor to Moderate	5.5	1.8
740.0	740.2	Fpa/Fpl	ALLUVIAL_TU	GRAVEL_NO	98	2	98	4.00	Poor to Good	4.8	0.0
740.2	740.3	O/Fpl	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	1.2	0.0
740.3	740.3	W	WATER	WATER	0	0	100	0.00	NA	0.2	0.0
740.3	740.3	O/Fpl	ORGANIC_TU	PEAT_FINE_GR_NO	100	0	100	5.00	Poor	0.4	0.0
740.3	740.8	Fpl	ALLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	8.9	0.0
740.8	741.0	Es/Fpl	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	4.1	0.0
741.0	741.4	Fpl	ALLUVIAL_TU	FINE_GR_NO	97	3	97	5.00	Poor	10.0	0.0
741.4	741.5	Fpm-f/Fpl	ALLUVIAL_TU	SAND	96	4	96	5.00	Poor	1.7	0.7
741.5	742.0	Fpl	ALLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	11.3	0.2
742.0	742.2	Es/Fpl	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	3.6	0.0
742.2	742.2	Fpl	ALLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.0	0.0
742.2	742.4	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.5	0.0
742.4	742.6	Es/Fpl	EOLIAN_TU	SAND	99	1	99	5.00	Moderate to Good	4.3	0.0
742.6	742.6	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	1.1	0.0

TABLE 7A-3

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						
742.6	742.7	Es/Fpl	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.9	0.0
742.7	742.7	Fpa-s/Es	ALLUVIAL_TU	SAND	100	0	100	4.50	Poor to Moderate	0.8	0.0
742.7	743.4	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	1.2	13.3
743.4	743.8	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.0	7.4
743.8	743.9	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	2.9
743.9	744.0	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	2.5	0.3
744.0	744.3	Cr	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	5.8	0.3
744.3	744.3	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	0.0	0.1
744.3	744.4	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	0.3	2.3
744.4	744.5	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	1.6	0.0
744.5	744.6	Bw	ROCK (SURFACE)	BEDROCK_GRADE	0	100	100	2.00	Poor to Moderate	1.9	0.0
744.6	744.7	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Moderate to Good	0.1	0.7
744.7	744.8	Es	EOLIAN_TU	SAND	100	0	100	5.00	Moderate to Good	2.0	1.2
744.8	744.9	Fpa-s	ALLUVIAL_TU	SAND	100	0	100	4.00	Poor to Moderate	1.0	0.0
744.9	745.0	Cr/Es	COLLUVIAL_TU	FINE_GR_NO	100	0	100	5.00	Poor	2.0	1.5
745.0	745.1	Es/Bw	ROCK (SHALLOW)	BEDROCK_DITCH	0	100	100	3.50	Poor	1.6	3.8

TABLE 7A-3

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Individual, Mileposted Terrain Units along the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Surface Soil Group ^c	Ditch Soil Group ^d	Permafrost ^e				Surface Drainage ^g	Erosion Potential (acres) ^h	
Begin	End				Thaw-Sensitive	Thaw-Stable	Frozen	Ice Rank ^f		Highly Erodible	Not Highly Erodible
					Percent						

^a Beginning and ending mileposts (measured along the pipeline centerline) for terrain units crossed by the Alaska Mainline.

^b Terrain unit symbol as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.

^c Surface soil group was developed based on the texture and composition of the uppermost layer within the terrain unit. The TU and TS modifiers indicate "thaw-sensitive" soils, and "Thaw-stable" soils, respectively, based on estimated values for the percentage of the unit that is frozen and substrate ice content of individual terrain unit components.

^d Ditch Soil group was based on the assumed textural characteristics of the subsurface layers of the terrain map unit that are consistent with the geologic description and assuming that the ditch would be excavated to a depth of 7 feet. _Gr = grained, _gran = coarse granular, _no, _few, and _freq = no, few, and frequent rocks cobbles and boulders can be expected, respectively.

^e Permafrost indicates the estimated percentage of thaw-sensitive, thaw-stable, and frozen soils, and the ice rank of the terrain unit crossed by the Alaska Mainline. Values for individual geologic components of the terrain units were averaged and incorporated into the assessment.

^f Ice rank is the estimated ice content for the terrain unit (none = 1, low = 2, moderate = 3, high = 4, very high = 5) that is averaged for the terrain unit components.

^g Surface Drainage was determined as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.

^h Highly erodible soils were determined for the surface terrain unit were determined as described in Section 7.3.2 of Resource Report 7. Data are provided as acreage within the construction footprint and within the terrain unit polygon (right-of-way plus additional temporary workspace). Acreage data for right-of-way width was determined using Geographic Information System footprint that accurately depicts variable right-of-way footprint as described in Section 1.4 of Resource Report 1 and Appendices 1H and 1J.

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
0.0	0.1	EII/Mc+Ess/Mc	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	Lt/Mc	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	W	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.6	Lt/Mc	8.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	0.6	W	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	0.6	Lt/Mc	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	0.6	W	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	0.7	Lt/Mc	0.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	1.4	EII/Mc+Ess/Mc	13.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	1.4	Lt/Mc	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	1.4	W	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	1.5	Lt/Mc	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	1.5	W	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	1.7	Lt/Mc	3.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	2.8	EII/Mc+Ess/Mc	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	4.2	Fpt	27.5	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	27.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	4.3	Fpm	0.3	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	5.1	Fpt	16.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	5.5	Lt/Mc+Fpc/Mc	7.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	6.3	EII/Mc+Ess/Mc	15.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	6.4	W	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	7.0	EII/Mc+Ess/Mc	10.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	7.0	Lt/Mc	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	7.1	W	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	7.1	Lt/Mc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	7.2	W	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	8.9	EII/Mc+Ess/Mc	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	8.9	Lt/Mc	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
8.9	9.0	W	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	9.2	Lt/Mc	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	9.3	Ell/Mc+Ess/Mc	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	9.5	W	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	9.7	Ell/Mc+Ess/Mc	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	10.0	Lt/Mc	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	10.0	W	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	10.1	Lt/Mc	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	11.1	Ell/Mc+Ess/Mc	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	11.4	Lt/Mc	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	11.4	W	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	11.4	Lt/Mc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	11.5	W	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.5	11.7	Lt/Mc	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	11.8	Ell/Mc+Ess/Mc	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	12.2	Lt/Mc	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	15.9	Ell/Mc+Ess/Mc	67.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	16.4	Lt/Mc	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	16.8	Ell/Mc+Ess/Mc	5.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	16.9	W	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	17.8	Ell/Mc+Ess/Mc	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	17.8	O/Fpt	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	20.2	Fpt	41.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	20.3	Fpc/Fpt	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	22.7	Fpt	43.1	0.0	0.6	0.0	0.0	0.0	0.2	0.0	0.0	37.5	5.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	22.8	W	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	27.0	Fpt	77.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.0	27.0	Ell/Mc+Ess/Mc	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
27.0	27.1	W	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	27.1	Ell/Mc+Ess/Mc	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	27.1	Fpt	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	27.2	Fpc	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	31.1	Fpt	71.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	31.3	Fpt	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	35.1	Fpt	67.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	35.2	Ell/Mc+Es/Mc	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	35.5	Fpa	6.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	35.6	W	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.6	35.9	Fpa	5.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.9	35.9	W	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.9	36.3	Fpa	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	36.3	Fpc	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	36.7	Fpa	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	36.7	Fpc	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	41.8	Fpa	93.1	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	95.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	41.8	Fpc	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	42.6	Fpa	13.4	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.6	42.7	Fpc	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	43.6	Fpa	17.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	43.8	Fpc	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	43.8	Fpa	1.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	44.1	Fpc	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	46.9	Fpa	52.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	46.9	Fpc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	47.1	Fpa	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	47.2	Fpc	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
47.2	53.9	ElI/Mc+Es/Mc	123.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	124.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	53.9	W	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	54.3	ElI/Mc+Es/Mc	6.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.3	54.4	Lt/Mc	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	55.4	ElI/Mc+Es/Mc	22.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	55.4	Lt/Mc	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	55.8	ElI/Mc+Es/Mc	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	55.9	Lt/Mc	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	55.9	ElI/Mc+Es/Mc	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	55.9	Lt/Mc	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	56.2	ElI/Mc+Es/Mc	5.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	56.5	Lt/Mc	5.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	57.6	ElI/Mc+Es/Mc	18.1	0.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.6	58.1	Lt/Mc	9.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	59.2	ElI/Mc+Es/Mc	17.1	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	16.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	63.7	ElI/GFo-Gu	87.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	63.7	Fpc	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	63.9	ElI/GFo-Gu	3.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	64.2	ElI/CI	4.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.2	64.3	Cs/Bw	0.2	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0
64.3	64.4	El/Bw	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
64.4	64.4	El/Bw+Bw	0.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0
64.4	65.9	El/Bw	4.5	25.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	16.2	13.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
65.9	65.9	Cs/Bw	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	66.7	El/Bw	5.1	10.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	2.1	7.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0
66.7	67.2	Cs/Bw	0.6	3.8	7.6	1.2	0.0	0.0	0.0	0.0	0.0	0.7	0.8	7.7	4.0	0.0	0.0	0.0	0.0	0.0
67.2	67.3	Fpc	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0
67.3	67.4	Cs/Bw	0.5	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
67.4	67.6	Cl	2.1	1.8	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.6	0.0	0.0	0.0	0.0	0.0
67.6	67.8	Cs/Bw	0.0	1.4	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.4	0.2	0.0	0.0	0.0	0.0
67.8	68.1	El/Bw	4.1	1.2	2.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	2.6	3.6	1.5	0.0	0.0	0.0	0.0	0.0
68.1	68.3	Cs/Bw	0.2	2.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0
68.3	68.4	El/Bw	0.5	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
68.4	68.6	Cs/Bw	0.0	0.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	68.6	Fpc	0.1	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	68.6	Cs/Bw	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
68.6	68.7	Bw	0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
68.7	69.1	Cs/Bw	4.2	3.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2	5.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0
69.1	69.1	Fpc	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	69.5	Cs/Bw	0.0	0.0	6.3	0.9	0.0	0.0	0.0	0.0	0.0	3.1	1.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
69.5	70.0	El/Bw	1.8	5.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	2.8	4.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	70.3	Cs/Bw	0.7	6.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
70.3	70.4	Cr	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	70.7	Cs/Bw	2.9	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	70.7	Cr	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	70.7	Fpc	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	70.7	Cr	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	71.2	Cs/Gt-Gu	3.2	5.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	71.2	Fpc	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	71.2	Cs/Gt-Gu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	71.3	Fpc	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	71.4	Cs/Gt-Gu	0.8	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.4	71.5	Fpc	0.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.5	72.7	Cs/Gt-Gu	7.1	18.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	11.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0
72.7	72.8	Cr	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	73.0	Cs/Gt-Gu	0.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
73.0	73.0	El/Gt-An	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
73.0	73.3	Cs/Gt-Gu	0.5	4.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0
73.3	73.5	El/Gt-An	2.3	1.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0
73.5	73.8	Cs/Gt-Gu	0.0	0.0	4.7	1.1	0.0	0.0	0.0	0.0	0.0	4.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
73.8	73.8	Fpc	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0
73.8	73.9	Cs/Gt-An	0.9	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.6	0.0	0.0	0.0	0.0
73.9	74.0	Bw	0.0	0.3	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.3	0.0	0.0	0.0
74.0	74.0	Cs/Gt-An	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0
74.0	74.1	Cs/Fpt	1.1	0.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	0.0	0.0	0.0	0.0	0.0
74.1	75.1	GFo-Sa	15.7	6.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	11.3	9.2	1.5	0.0	0.0	0.0	0.0	0.0
75.1	75.2	Ff	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.2	75.3	GFo-Sa	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
75.3	75.3	Cs/Fpt	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
75.3	76.0	GFo-Sa	14.2	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.5	10.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
76.0	76.1	Fpc	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
76.1	76.2	GFo-Sa	1.9	1.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.2	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
76.2	76.3	Fpb-f/Fpb-c	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	78.1	Fpa	32.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	34.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.1	78.3	Fp-c	3.9	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	78.4	Fpa	3.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	78.5	GFo-Sa	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5	78.5	Fp-c	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5	78.6	Fpa	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	78.6	Fp-c	0.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	82.8	Fpa	77.1	5.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	80.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	82.8	Cr	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	82.8	Fpa	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	83.1	El/Gt-An	3.5	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
83.1	83.2	Cs/Gt-An	0.8	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
83.2	83.3	Fpc	1.2	0.5	0.2	0.1	0.1	0.0	0.2	0.0	0.0	0.8	0.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0
83.3	84.1	Cs/Gt-Sa	6.0	7.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	9.0	4.7	1.2	0.0	0.0	0.0	0.0	0.0
84.1	84.2	Cr	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.2	84.5	Cs/Gt-Sa	1.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5	84.7	El/Gt-Sa	2.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	84.8	Cs/Gt-Sa	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.8	84.9	Cr	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.9	85.0	Cs/Gt-Sa	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	85.5	Cs/Gt-Sa	8.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5	85.9	Cs/Gt-Sa	6.7	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	7.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
85.9	86.1	Fpc	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
86.1	86.6	Cs/Gt-Sa	2.2	4.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	5.9	5.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
86.6	86.7	Fpc	0.6	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.7	86.7	Bw	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.7	87.3	Cs/Gt-Sa	5.8	3.8	1.9	0.1	0.0	0.0	0.0	0.0	0.0	5.6	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0
87.3	87.3	Fpt	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.3	87.4	Fpc	0.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	89.1	Cs/Gt-Sa	16.6	10.2	7.3	0.8	0.0	0.0	0.0	0.0	0.0	7.0	11.2	15.2	1.4	0.0	0.0	0.0	0.0	0.0
89.1	89.5	Cr	6.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5	90.1	El/Gt-Sa	7.0	2.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	5.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	90.3	Cs/Gt-Sa	0.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.3	90.3	El/Gt-Sa	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.3	90.4	Cs/Gt-Sa	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.4	90.5	Fpc	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
90.5	91.2	Cs/Gt-Sa	8.1	3.9	1.4	0.8	0.7	0.0	0.0	0.0	0.0	0.5	1.3	13.1	0.0	0.0	0.0	0.0	0.0	0.0
91.2	91.2	Fpc	0.0	0.5	0.1	0.0	0.2	0.3	0.0	0.0	0.0	0.7	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
91.2	91.9	Cs/Gt-Sa	7.5	2.0	3.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	3.9	9.2	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acres of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
91.9	91.9	Cr	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9	92.1	Cs/Gt-Sa	0.6	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1	92.2	Cr	2.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.2	92.5	Cs/Gt-Sa	5.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5	92.6	Cr	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.6	93.1	Cs/Gt-Sa	4.1	5.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.1	93.1	Cr	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.1	93.2	Cs/Gt-Sa	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.2	93.3	Cr	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	93.7	Cs/Gt-Sa	1.5	4.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	93.8	El/Gt-Sa	0.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.8	94.8	Cs/Gt-Sa	10.1	10.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	7.1	13.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0
94.8	94.9	Fpc	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.9	95.2	Cs/Gt-Sa	0.8	3.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	3.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.2	95.2	El/Gt-Sa	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.2	95.3	Cs/Gt-Sa	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	95.5	El/Gt-Sa	3.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	95.5	El/Gt-Sa	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	95.7	Cs/Gt-Sa	2.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0
95.7	95.9	Cs/Gt-Sa	0.5	0.5	1.7	0.2	0.0	0.0	0.0	0.0	0.0	1.3	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
95.9	95.9	Cr	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.9	97.0	Cs/Gt-Sa	12.3	8.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	8.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	97.0	Cr	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	97.2	Cs/Gt-Sa	1.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.2	97.2	Cr	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.2	98.3	Cs/Gt-Sa	0.0	6.9	10.7	3.1	0.1	0.0	0.0	0.0	0.0	13.8	7.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
98.3	98.5	El/Gt-Sa	2.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5	99.4	Cs/Gt-Sa	1.8	6.3	9.9	0.3	0.0	0.0	0.0	0.0	0.0	8.3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
99.4	100.0	Cs/Gt-It	1.3	2.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	10.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
100.0	100.1	Cr	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.1	100.1	Fpc	0.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.1	100.2	Cr	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.2	101.2	Cs/Gt-It	6.7	9.1	4.6	0.6	0.0	0.0	0.0	0.0	0.0	4.7	11.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0
101.2	101.2	El/Gt-It	0.2	0.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
101.2	101.3	Cs/Gt-It	0.0	0.0	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
101.3	101.4	Fpc	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.4	101.5	Cs/Gt-It	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
101.5	101.5	Gt-It	0.0	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.0	0.2	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
101.5	102.0	Cs/Gt-It	4.7	5.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	6.6	1.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0
102.0	102.1	Gt-It	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.1	102.2	Cs/Gt-It	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.2	102.3	Cr	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.3	102.8	Cs/Gt-It	7.3	4.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	8.0	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
102.8	103.0	El/Gt-It	0.2	0.1	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
103.0	103.7	Cs/Gt-It	13.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	103.7	Fpc	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.7	104.4	Cs/Gt-It	12.3	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	11.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	104.5	Fpc	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5	104.7	Cs/Gt-It	2.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	104.7	Fpc	0.0	0.1	0.1	0.3	0.3	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	105.5	Cs/Gt-It	12.5	1.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	8.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
105.5	105.5	Fpc	0.0	0.0	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
105.5	105.9	Cs/Gt-It	4.4	2.5	0.7	0.3	0.1	0.0	0.0	0.0	0.0	3.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	106.0	Fpc	0.4	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.0	106.5	Cs/Gt-It	6.0	5.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	4.9	3.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0
106.5	106.6	Fpc	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
106.6	106.9	Cs/Gt-It	5.3	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	107.0	Fpc	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	107.0	Cs/Gt-It	0.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	107.1	El/Gt-It	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
107.1	107.2	Cs/Gt-It	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0
107.2	107.2	Cr	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.2	107.6	Cs/Gt-It	2.1	4.2	1.8	0.7	0.1	0.0	0.0	0.0	0.0	5.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.6	107.7	Fpc	0.5	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
107.7	107.9	Cs/Gt-It	3.3	0.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
107.9	108.0	El/Gt-It	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	108.1	Cs/Gt-It	0.4	1.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	108.4	Cr	4.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	108.4	Gt-It	0.0	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	109.0	Cs/Gt-It	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	109.1	Cr	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.1	109.3	Cs/Gt-It	0.7	1.8	1.1	0.3	0.0	0.0	0.0	0.0	0.0	1.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.3	109.3	GFo-It	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.3	109.5	Cr/GFo-It	2.7	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	3.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5	109.5	Fpc	0.3	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5	109.8	El/GFo-It	4.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.8	109.9	GFo-It	1.5	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.9	111.2	El/GFo-It	29.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.2	111.4	GFo-It	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.4	111.5	ElI	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	114.1	Cs/GFo-It	48.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	47.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.1	114.4	Fpa	6.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.4	114.5	El/GFo-It	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5	115.0	Fpa	7.2	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
115.0	115.2	El/GFo-It	5.3	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.2	115.7	Cr/GFo-It	7.3	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	115.7	El/GFo-It	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	116.2	Cs/Gt-It	2.9	4.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.2	116.2	El/Gt-It	0.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.2	116.3	Cs/Gt-It	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.3	116.3	El/Gt-It	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.3	116.5	Cs/Gt-It	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
116.5	116.7	Gt-It	2.4	2.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.5	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
116.7	117.3	El/Gt-It	3.4	3.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	8.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0
117.3	118.0	Cs/Gt-It	4.6	7.9	2.0	0.5	0.0	0.0	0.0	0.0	0.0	5.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	118.1	El/Gt-It	1.0	1.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0
118.1	118.4	Cs/Gt-It	4.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.4	0.0	0.0	0.0	0.0	0.0
118.4	118.4	El/Gt-It	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0
118.4	119.2	Cs/Gt-It	8.3	4.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	6.6	3.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0
119.2	119.4	El/Gt-It	2.2	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.4	119.5	Cs/Gt-It	0.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5	119.5	Gt-It	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5	120.3	Cs/Gt-It	7.1	10.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.4	12.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
120.3	120.3	Gt-It	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.3	120.4	Cs/Gt-It	0.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.4	120.6	Gt-It	1.4	2.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	3.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.6	120.7	Cs/Gt-It	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.7	121.2	El/Gt-It	3.4	7.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.1	9.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
121.2	122.4	Cs/Gt-It	2.5	12.5	10.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	7.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0
122.4	122.4	Gt-It	0.0	0.4	0.2	0.1	0.2	0.0	0.3	0.0	0.0	0.1	0.4	0.2	0.6	0.0	0.0	0.0	0.0	0.0
122.4	122.5	Cs/Gt-It	0.0	0.0	0.6	0.2	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.4	0.3	0.5	0.0	0.0	0.0	0.0
122.5	122.5	Fpc	0.2	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
122.5	123.0	Cs/Gt-It	1.5	5.6	3.6	0.2	0.0	0.0	0.0	0.0	0.0	0.8	1.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0
123.0	123.2	Gt-It	0.8	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0
123.2	123.5	Cs/Gt-It	3.7	3.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0
123.5	123.5	Cr	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	124.3	Cs/Gt-It	3.4	12.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	6.7	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.3	124.5	Cr/GFo-It	3.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5	125.3	El/Gt-Sa	12.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.3	125.7	Cr/Gt-Sa	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.7	125.9	El/Gt-Sa	1.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.9	126.1	Cr/Gt-Sa	3.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.1	126.4	Cs/Gt-Sa	0.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.4	126.6	El/Gt-Sa	4.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.6	127.0	Cs/Gt-Sa	3.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	127.1	Cr/Gt-Sa	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.1	127.5	Gt-Sa	5.5	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
127.5	127.6	Cr/Gt-Sa	0.4	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	128.2	Cs/Gt-Sa	9.2	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.8	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.2	128.4	Cr/Gt-Sa	3.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.4	128.6	Cs/Gt-Sa	2.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.6	128.7	Cr/Gt-Sa	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.7	129.4	Cs/Gt-Sa	6.7	6.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	3.9	10.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
129.4	129.5	Fpc/Gt-Sa	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5	129.7	Cs/Gt-Sa	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	3.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.7	129.8	Cs/Gt-Sa	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.8	130.3	Cr/Gt-Sa	3.2	1.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	2.5	8.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0
130.3	130.3	Cs/Gt-Sa	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
130.3	130.4	Gt-Sa	0.3	0.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
130.4	131.7	Cs/Gt-Sa	2.5	10.9	8.9	3.6	0.3	0.0	0.0	0.0	0.0	10.7	8.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
131.7	131.8	GFo-It	2.5	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.8	132.0	Fpm	2.5	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.0	132.1	Cs/Gt-Sa	0.0	0.0	0.6	1.8	0.0	0.0	0.0	0.0	0.0	1.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.1	132.1	Gt-Sa	0.0	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
132.1	132.3	Cs/Gt-Sa	0.0	0.0	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
132.3	132.3	Gt-Sa	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
132.3	132.6	Cs/Gt-Sa	2.9	2.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	5.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
132.6	132.8	Gt-Sa	2.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
132.8	133.0	El/Gt-Sa	2.8	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
133.0	134.6	Cs/Gt-Sa	10.2	6.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6	15.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0
134.6	136.3	Gt-It	11.0	10.5	11.6	1.7	0.7	0.0	0.2	0.0	0.0	1.5	11.3	18.9	4.0	0.1	0.0	0.0	0.0	0.0
136.3	136.6	Cs/Gt-It	2.6	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	5.2	0.0	0.0	0.0	0.0	0.0
136.6	137.0	Gt-It	4.4	3.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	2.7	3.1	0.0	0.0	0.0	0.0	0.0
137.0	137.7	Cs/Gt-It	8.4	5.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.3	0.0	0.0	0.0	0.0	0.0
137.7	137.9	Gt-It	1.9	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.7	0.0	0.0	0.0	0.0	0.0
137.9	137.9	Cs/Gt-It	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	0.0	0.0	0.0	0.0	0.0
137.9	138.0	Gt-It	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0
138.0	138.2	Cs/Gt-It	2.1	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
138.2	138.3	Gt-It	0.3	0.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.3	138.4	Cs/Gt-It	1.4	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0
138.4	138.7	Gt-It	3.4	2.3	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	6.8	0.9	0.0	0.0	0.0	0.0	0.0
138.7	139.4	Cs/Gt-It	5.8	6.4	4.4	0.4	0.0	0.0	0.0	0.0	0.0	3.2	9.0	4.4	0.6	0.0	0.0	0.0	0.0	0.0
139.4	139.5	Gt-It	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.5	140.1	Cs/Gt-It	6.3	7.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0
140.1	140.2	Gt-It	0.1	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.2	140.3	Cs/Gt-It	0.8	1.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.3	140.4	Gt-It	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
140.4	144.4	Cs/Gt-It	28.1	31.4	24.9	1.1	0.0	0.0	0.0	0.0	0.0	8.3	28.1	43.6	5.5	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
144.4	144.8	GL	8.2	1.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	6.3	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
144.8	145.2	Cs/Gt-It	4.5	3.3	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0
145.2	145.5	Ff	4.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0
145.5	145.7	Cs/Gt-It	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
145.7	145.7	GL	0.2	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
145.7	145.9	Cs/Gt-It	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0
145.9	146.0	Ff	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
146.0	146.2	Cs/Gt-It	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
146.2	146.4	GL	4.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0
146.4	147.1	Cs/Gt-It	5.6	5.1	2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.3	12.1	0.0	0.0	0.0	0.0	0.0	0.0
147.1	148.0	GL	11.0	7.6	2.7	0.2	0.1	0.0	0.0	0.0	0.0	12.2	2.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0
148.0	148.1	Es/GL	1.2	1.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.9	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
148.1	148.2	Fpm	0.8	0.4	0.1	0.0	0.0	0.0	0.1	0.1	0.0	1.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
148.2	148.4	Fpa/GL	2.5	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
148.4	148.5	Bu+C/Bu	0.2	1.3	0.9	0.5	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.4	1.5	1.5	0.0	0.0	0.0	0.0
148.5	149.6	Cs/Gt-It	7.1	9.5	3.8	1.3	0.9	0.1	0.1	0.0	0.0	0.0	0.9	11.8	8.7	1.5	0.0	0.0	0.0	0.0
149.6	149.7	Ffa	0.5	1.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.0	0.0	0.0	0.0	0.0
149.7	149.8	Cs/Gt-It	0.5	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.4	0.0	0.0	0.0	0.0	0.0
149.8	150.5	GL	7.3	5.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.2	0.0	0.0	0.0	0.0	0.0
150.5	150.9	Cs/Gt-It	2.5	4.5	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.1	3.8	1.7	0.0	0.0	0.0	0.0
150.9	151.2	Ff/GL	1.3	1.7	1.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0
151.2	151.2	Cs/Gt-It	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
151.2	151.5	Ff-c	1.8	2.3	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.5	4.3	0.9	0.0	0.0	0.0	0.0	0.0
151.5	152.3	Cs/Gt-It	4.1	7.0	6.0	0.2	0.1	0.0	0.0	0.0	0.0	0.7	4.9	5.4	5.2	1.3	0.0	0.0	0.0	0.0
152.3	152.4	Ff-c	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.4	152.5	GL	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5	152.6	Cs/Gt-It	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	152.9	Ff	4.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
152.9	153.2	GL	6.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.4	1.0	2.8	1.0	0.0	0.0	0.0	0.0	0.0
153.2	154.1	Ff-c	10.0	6.3	0.9	0.4	0.4	0.0	0.2	0.0	0.0	0.6	10.9	3.3	1.9	1.4	0.0	0.0	0.0	0.0
154.1	154.6	C/Gt-It	5.9	5.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	9.6	0.0	0.0	0.0	0.0	0.0	0.0
154.6	154.7	Ff-c	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.7	157.6	Ffa	35.6	24.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	3.3	27.3	31.5	1.9	0.0	0.0	0.0	0.0	0.0
157.6	158.0	C/Gt-It	6.0	2.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	3.6	2.2	0.0	0.0	0.0	0.0
158.0	159.4	Ffa	14.6	12.9	3.8	0.9	0.8	0.0	0.0	0.0	0.0	0.0	2.1	20.2	7.8	3.0	0.0	0.0	0.0	0.0
159.4	159.4	Ff-c	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.4	159.4	C/Gt-It	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.4	159.8	Ffa	3.7	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	5.8	1.9	0.0	0.0	0.0	0.0	0.0
159.8	160.1	Ff-c	2.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0
160.1	160.2	C/Gt-It	0.3	1.1	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.7	0.0	0.0	0.0	0.0
160.2	160.4	Ff-c	0.9	1.7	1.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.7	1.1	1.7	1.0	0.0	0.0	0.0	0.0
160.4	160.4	Ca	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
160.4	160.9	Ff-c	3.0	8.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.2	7.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0
160.9	162.3	Ffa	17.2	11.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.6	25.5	1.5	0.0	0.0	0.0	0.0	0.0
162.3	162.5	Fpa	2.3	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
162.5	162.6	Ct	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.6	163.6	Ff-c	5.7	8.8	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	17.0	4.5	0.0	0.0	0.0	0.0	0.0
163.6	163.7	Bu	0.4	0.5	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.0	0.0	0.0	0.0	0.0
163.7	164.1	C/Gt-It	3.2	3.7	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	1.9	0.0	0.0	0.0	0.0
164.1	164.6	Ffa	4.0	8.5	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	2.1	0.0	0.0	0.0	0.0	0.0
164.6	165.6	Ff-c	9.6	10.7	3.3	0.3	0.0	0.0	0.2	0.0	0.0	4.0	17.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
165.6	165.7	Fpb-c	0.7	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.7	165.9	Ffa	0.2	2.5	1.1	0.6	0.6	0.0	0.0	0.0	0.0	1.8	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
165.9	166.1	Bu	1.0	1.0	0.5	1.5	1.7	0.0	0.0	0.0	0.0	1.6	0.8	0.5	0.5	1.0	1.0	0.5	0.0	0.0
166.1	166.2	Ffa	0.0	0.4	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0
166.2	166.4	Bu	0.5	0.5	0.9	0.8	1.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.4	3.3	0.2	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
166.4	166.4	C/Gt-It	0.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0
166.4	166.4	Bu	0.5	0.1	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.0	0.0	0.0	0.0
166.4	166.5	C/Gt-It	0.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0
166.5	166.7	Bu	0.5	1.1	1.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	3.1	0.0	0.0	0.0	0.0
166.7	167.1	Ffa	1.2	2.0	4.6	2.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	3.3	2.1	5.3	1.0	0.0	0.0	0.0
167.1	167.9	Cs/Gt-It	8.6	9.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	6.3	2.7	0.0	0.0	0.0	0.0
167.9	168.5	Ffa	3.8	4.4	7.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.9	2.8	7.9	0.0	0.0	0.0	0.0
168.5	168.8	Cs/Gt-It	4.0	2.1	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0
168.8	169.1	Fpb-c	3.8	1.3	0.8	0.7	0.2	0.0	0.0	0.0	0.0	3.3	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
169.1	169.6	Ffa	1.6	3.5	6.1	0.7	0.0	0.0	0.0	0.0	0.0	2.4	1.9	6.9	0.8	0.0	0.0	0.0	0.0	0.0
169.6	169.8	Ff/Bw	0.5	0.9	1.2	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.7	0.2	0.0	0.0	0.0
169.8	170.6	C/Bw+Bw	1.5	5.0	4.5	3.2	1.6	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.1	4.1	3.7	7.9	0.9	0.0
170.6	171.2	Ffa	3.6	4.0	4.1	1.4	1.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.9	4.4	5.9	3.8	0.0	0.0
171.2	171.2	Hf	0.0	0.1	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0
171.2	171.5	Ffa	0.8	0.9	2.3	1.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.9	1.0	1.6	0.0	0.0	0.0	0.0
171.5	171.5	Hf	0.1	0.6	0.1	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
171.5	171.5	Ffa	0.3	0.6	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0
171.5	171.6	Cg	0.0	0.0	0.1	0.2	0.3	0.2	0.1	0.5	0.5	0.0	0.0	1.2	0.6	0.0	0.0	0.0	0.0	0.0
171.6	171.7	Ct	0.0	0.0	0.0	0.2	0.5	0.2	0.2	1.1	0.7	0.5	0.8	1.0	0.5	0.0	0.0	0.0	0.0	0.0
171.7	171.7	Hf	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.7	171.8	Gt-It/Bw	0.0	0.2	0.4	0.4	1.0	0.3	0.5	0.1	0.3	0.9	1.3	0.1	0.2	0.6	0.0	0.0	0.0	0.0
171.8	171.9	Hf	0.1	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
171.9	172.0	Gt-It/Bw	0.3	1.9	0.5	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	1.3	1.0	0.7	0.8	0.0	0.0	0.0
172.0	172.0	Bw	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
172.0	172.1	Gt-It/Bw	0.0	1.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.1	0.4	0.0	0.0	0.0	0.0
172.1	172.2	Hf	0.0	0.6	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.2	172.4	Bw	0.8	1.5	1.1	0.4	0.4	0.0	0.0	0.0	0.0	0.7	1.4	0.6	0.6	1.1	0.0	0.0	0.0	0.0
172.4	173.1	Hf	2.1	3.5	3.3	2.5	1.7	1.6	4.1	0.6	0.0	2.9	3.4	5.2	4.9	1.3	1.1	0.6	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
173.1	173.2	C/Bw	0.5	0.8	0.3	0.2	0.1	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.6	0.0
173.2	173.4	Cl	0.1	0.9	1.0	0.4	0.4	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.5	0.6	0.0
173.4	173.6	C/Bw	0.3	0.7	1.3	1.2	1.6	0.3	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	2.0	3.8	0.2	0.0
173.6	173.9	Ffa	0.5	0.4	1.2	0.4	0.7	1.9	0.8	0.0	0.0	0.0	2.4	0.8	1.0	1.0	0.6	0.0	0.0	0.0
173.9	174.2	C/Bw	0.4	0.8	1.5	1.2	2.8	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.6	0.4	3.2	3.5	0.0
174.2	174.5	Cs/Gt-It	0.0	0.4	0.9	2.3	0.5	1.0	0.9	0.2	0.0	0.1	0.1	0.3	0.6	1.2	1.3	1.7	0.7	0.0
174.5	174.5	Fpb-c	0.1	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.5	174.6	Hf	1.0	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.3	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
174.6	175.1	Cs/Gt-It	3.7	4.9	2.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.5	7.6	3.3	0.0	0.0	0.0	0.0	0.0
175.1	175.2	Ffa	0.4	0.2	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.4	1.2	0.2	0.0	0.0	0.0	0.0	0.0
175.2	175.3	Gt-It	0.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0
175.3	175.4	Ffa	1.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
175.4	176.5	Gt-It	8.2	12.2	5.2	0.3	0.5	0.0	0.0	0.0	0.0	5.8	8.6	7.1	4.8	0.0	0.0	0.0	0.0	0.0
176.5	176.7	Fpb-c	2.5	3.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
176.7	177.1	Gt-It	3.2	4.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	3.1	4.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
177.1	177.2	Fpb-c	1.0	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0
177.2	177.2	Ffa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.2	179.2	Fpb-c	32.4	13.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	28.0	16.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0
179.2	179.3	Fpa	1.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.3	179.4	Fpb-c	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.4	180.1	Gt-It/Bw	3.9	4.4	9.8	1.3	0.6	0.1	0.1	0.0	0.0	2.8	1.2	6.2	4.3	5.8	0.0	0.0	0.0	0.0
180.1	180.2	Bw	0.4	0.4	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.3	0.0	0.0	0.0	0.0
180.2	180.2	Gt-It/Bw	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
180.2	180.2	Bw	0.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
180.2	180.3	Gt-It/Bw	0.6	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0
180.3	180.3	Bu+C/Bw	0.3	0.3	0.2	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.1	1.1	0.5	0.0	0.0	0.0	0.0	0.0
180.3	180.4	Gt-It/Bw	0.0	0.0	0.3	1.0	0.5	0.0	0.0	0.0	0.0	0.5	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
180.4	180.4	C/Bw+Bw	0.0	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acres of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
180.4	180.5	Gt-It/Bw	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.1	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
180.5	180.5	C/Bw+Bw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.5	0.2	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
180.5	181.0	C/Bw	1.8	3.7	1.8	0.2	0.4	0.3	2.5	1.4	0.2	0.0	0.0	4.8	4.0	3.5	0.0	0.0	0.0	0.0
181.0	181.4	Fpb-c	3.9	4.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	6.0	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
181.4	181.4	C/Bw	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0
181.4	181.8	Ff-c	3.2	4.3	1.6	0.3	0.4	0.3	0.1	0.1	0.0	0.0	0.9	5.7	3.6	0.3	0.0	0.0	0.0	0.0
181.8	182.4	Gt-It/Bw	4.2	3.7	3.6	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.7	3.9	3.7	0.0	0.0
182.4	182.5	Ff-c	0.6	0.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.9	0.4	0.0	0.0	0.0	0.0
182.5	182.8	C/Bw+Bu	2.4	2.0	0.9	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	2.1	3.8	0.0
182.8	183.2	Gt-It/Bw	1.2	1.7	3.4	1.7	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	2.9	5.4	0.0
183.2	183.6	Ff	2.0	3.3	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	4.1	1.2	0.0	0.0	0.0
183.6	183.6	Ff-c	0.0	0.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
183.6	184.0	Gt-It/Bw	1.0	1.3	3.2	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.3	4.4	0.0	0.0
184.0	184.2	Ff-c	0.7	1.0	1.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.5	0.5	0.4	0.0	0.0
184.2	184.2	Gt-It/Bw	0.7	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0
184.2	184.3	Ff-c	0.1	1.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0
184.3	184.7	Gt-It/Bw	3.5	2.2	2.5	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	4.8	3.1	0.0	0.0
184.7	184.9	Ff-c	2.2	0.9	0.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.7	0.9	0.0	0.0	0.0	0.0
184.9	184.9	C/Bw+Bu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.9	185.5	Gt-It/Bw	5.2	4.3	4.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	10.9	1.5	0.0
185.5	186.0	Ff-c	1.6	3.1	7.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	2.6	0.0	0.0	0.0	0.0
186.0	186.1	Gt-It/Bw	0.8	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.1	0.0	0.0	0.0	0.0
186.1	186.2	Fpb-f/Fpb-c	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
186.2	186.3	Gt-It/Bw	1.1	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0
186.3	186.5	Ff-c	0.3	1.5	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.0	1.3	0.0	0.0	0.0
186.5	186.6	Gt-It/Bw	0.4	0.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1	0.0	0.0
186.6	186.7	Ff-c	0.3	0.6	0.4	0.6	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.2	0.0	0.0
186.7	187.3	Gt-It/Bw	5.7	5.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	4.8	6.8	1.2	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
187.3	187.6	Ff-c	1.7	2.0	3.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0
187.6	187.8	Gt-It/Bw	1.5	3.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	1.1	2.3	1.1	0.0	0.0
187.8	187.9	Ff-c	0.6	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.5	0.0	0.0	0.0	0.0
187.9	190.4	Gt-It/Bw	11.7	16.3	13.6	6.9	2.4	0.6	0.0	0.0	0.0	2.6	3.6	2.9	4.7	13.2	12.1	12.2	0.1	0.0
190.4	190.4	Fpb-c	0.0	0.2	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
190.4	190.4	Hf	0.0	0.2	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.4	190.4	Fpb-c	0.4	0.4	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.4	190.5	Fpa	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.4	0.8	0.0	0.0	0.0	0.0	0.0
190.5	190.7	Gt-It/Bw	1.0	2.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.1	0.0	0.0	0.0	0.0
190.7	190.7	Fpa	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
190.7	190.8	Gt-It/Bw	0.6	0.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0
190.8	190.8	Fpa	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
190.8	190.8	Gt-It/Bw	0.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0
190.8	192.1	Fpa	19.4	4.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	19.2	1.6	3.2	1.0	0.1	0.0	0.0	0.0	0.0
192.1	192.2	Gt-It/Bw	0.4	0.8	0.7	0.6	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.5	1.5	1.6	0.0	0.0	0.0	0.0
192.2	192.4	Fpb-c	4.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0
192.4	192.6	Ff-c	1.7	2.7	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0
192.6	192.7	Gt-It/Bw	1.3	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.4	0.0	0.0	0.0	0.0	0.0
192.7	192.8	Ff-c	0.1	0.7	0.7	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	2.1	0.0	0.0	0.0	0.0	0.0
192.8	193.4	Gt-It/Bw	6.3	4.5	3.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.6	2.6	10.0	0.0	0.0	0.0	0.0
193.4	194.4	Ff-c	6.9	13.3	3.2	0.1	0.4	0.0	0.0	0.0	0.0	5.2	12.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0
194.4	195.9	Fpa	27.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	4.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
195.9	196.7	Gt-It/Bw	9.2	5.0	1.7	1.8	0.4	1.2	0.3	0.1	0.0	0.7	5.0	3.8	7.4	2.1	0.4	0.3	0.0	0.0
196.7	196.7	C/Bw	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0
196.7	196.9	Gt-It/Bw	0.6	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.5	0.4	0.2	0.0	0.0	0.0
196.9	196.9	Ff-c	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
196.9	196.9	Hf	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
196.9	196.9	Ff-c	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
196.9	196.9	Hf	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.9	197.0	Ff-c	0.6	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
197.0	198.1	Gt-lt/Bw	13.2	11.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	14.1	10.9	0.0	0.0	0.0	0.0	0.0
198.1	198.2	Ff-c	1.6	1.8	0.0	0.3	0.4	0.0	0.0	0.0	0.0	1.1	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
198.2	200.2	Gt-lt/Bw	22.6	20.2	4.4	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	5.6	41.1	1.2	0.0	0.0	0.0	0.0
200.2	200.7	Ff-c	2.7	4.7	2.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	6.5	4.7	0.2	0.0	0.0	0.0	0.0
200.7	201.9	Cs/Gt-lt	15.0	11.4	2.7	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.5	7.7	21.3	0.0	0.0	0.0	0.0
201.9	202.0	C/Bw	0.0	0.6	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0
202.0	202.1	Cs/Gt-lt	0.4	2.0	0.3	0.2	0.3	0.0	0.2	0.2	0.0	0.0	0.0	0.0	1.6	1.9	0.0	0.0	0.0	0.0
202.1	202.6	Ff	2.3	3.6	4.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.5	6.7	0.0	0.0	0.0	0.0
202.6	203.3	Cs/Gt-lt	8.2	5.1	1.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	11.8	3.4	0.0	0.0	0.0	0.0	0.0
203.3	203.4	Cs/Ff	1.4	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0
203.4	203.8	Ff-c	3.9	6.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0
203.8	204.0	Cs/Ff-c	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.0	204.4	Cs	6.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0
204.4	204.8	Ff-c	4.6	5.6	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.9	6.0	3.8	0.4	0.0	0.0	0.0	0.0	0.0
204.8	206.8	Cs/Gt-lt	17.2	17.6	7.6	1.9	0.9	0.4	0.3	0.0	0.0	0.0	0.0	13.3	10.9	15.0	6.1	0.7	0.0	0.0
206.8	207.5	Gt-lt/Bw	8.7	4.1	1.5	1.4	0.8	0.3	0.0	0.0	0.0	7.4	5.2	3.3	0.9	0.0	0.0	0.0	0.0	0.0
207.5	207.7	Ff-c	1.3	3.0	0.3	0.1	0.1	0.6	0.2	0.0	0.0	2.5	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
207.7	208.3	Fd	4.9	5.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	4.4	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.3	209.8	Ff-c	25.9	10.2	0.7	0.5	0.0	0.2	0.0	0.0	0.0	16.7	20.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
209.8	210.2	Fd	4.6	2.3	0.4	0.1	0.1	0.0	0.0	0.0	0.0	5.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.2	211.1	Ff-c	13.8	7.5	0.8	0.1	0.5	0.0	0.0	0.0	0.0	15.4	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.1	211.5	Fpa/GL	6.5	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	8.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.5	211.6	Fpb-f/Fpb-c	1.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.6	211.7	Fpb-c/GL	0.4	0.7	0.2	0.3	0.1	0.0	0.0	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.7	213.4	Fpa/GL	29.9	4.0	1.3	0.1	0.1	0.0	0.0	0.0	0.0	27.3	6.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
213.4	213.5	Ff-c	2.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
213.5	213.9	Fpa/GL	8.8	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.9	214.1	Fpb-c/GL	2.8	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.1	214.2	Fpb-f/Fpb-c	1.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.2	214.3	Fpb-c/GL	2.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.3	214.4	Fpa/GL	0.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
214.4	215.6	Ffa	18.3	10.4	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.7	16.2	13.9	0.0	0.0	0.0	0.0	0.0	0.0
215.6	215.8	Ff/Gt	2.1	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.8	216.1	Ff	4.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
216.1	216.1	Ff-c	0.3	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.1	216.2	Ff	1.5	0.3	0.2	0.0	0.2	0.2	0.0	0.0	0.0	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.2	216.6	Cs/Gt-It	6.6	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.6	216.7	GfK	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.7	216.9	Cs/Gt-It	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.9	217.4	Gt-It	8.6	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	5.1	4.7	0.0	0.0	0.0	0.0	0.0
217.4	217.4	Cs/Gt-It	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
217.4	217.5	Gt-It	0.3	0.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
217.5	217.5	Cs/Gt-It	0.9	0.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0
217.5	217.7	Gt-It	2.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.2	0.0	0.0	0.0	0.0
217.7	217.7	Cs/Gt-It	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.0	0.0	0.0	0.0	0.0
217.7	217.8	Gt-It	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0
217.8	218.9	Cs/Gt-It	19.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	15.6	2.2	0.0	0.0	0.0	0.0
218.9	219.0	Gt-It	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0
219.0	219.8	Cs/Gt-It	15.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	14.0	0.0	0.0	0.0	0.0	0.0	0.0
219.8	219.9	Gt-It	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.2	0.0	0.0	0.0	0.0	0.0
219.9	220.2	Cs/Gt-It	5.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0
220.2	220.2	Gt-It	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
220.2	220.6	Cs/Gt-It	8.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
220.6	221.3	Gt-It	9.5	4.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	4.1	10.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
221.3	221.4	Cr/Gt-It	1.2	0.3	0.1	0.0	0.2	0.0	0.0	0.0	0.0	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.4	221.4	Gt-It	0.1	0.4	0.3	0.1	0.4	0.0	0.0	0.0	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.4	221.5	Fpm	1.0	0.5	0.7	0.0	0.1	0.1	0.2	0.3	0.1	0.5	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
221.5	222.0	Ff-c	5.9	2.2	2.4	0.6	0.1	0.0	0.0	0.0	0.0	4.4	6.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0
222.0	222.1	Fpm	1.1	0.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	1.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.1	222.5	Ff-c	6.1	2.4	0.8	0.0	0.1	0.0	0.0	0.0	0.0	5.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.5	222.5	Cr/Gt-It	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.5	223.3	Cr/Ff-c	12.4	4.2	0.9	0.0	0.1	0.0	0.0	0.0	0.0	2.4	15.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
223.3	223.5	Cr/Fpt	4.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.5	223.6	W	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.6	223.6	Cr/Fpt	1.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.6	223.7	Ff-c	1.2	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.7	223.8	Fpm	1.2	0.8	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.5	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
223.8	224.1	Ff-c	5.6	1.8	0.1	0.1	0.1	0.0	0.0	0.0	0.0	4.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.1	225.0	Cr/Fpt	14.1	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.0	225.3	Fpa/GL	6.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.3	225.9	Cr/Fpt	9.2	0.8	0.3	0.0	0.1	0.0	0.0	0.0	0.0	10.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.9	226.4	Ff-c	11.4	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	8.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.4	226.5	Cr/Fpt	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.5	227.4	Fpa/GL	16.2	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.4	227.5	Ff-c	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.5	228.1	Fpa/GL	11.3	2.7	1.1	0.1	0.7	0.0	0.0	0.0	0.0	12.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.1	228.3	Fpb-f/Fpb-c	2.7	0.7	0.4	0.3	0.3	0.0	0.0	0.0	0.0	4.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.3	228.4	Fpb-c/GL	1.0	0.1	0.4	0.0	0.8	0.3	0.3	0.0	0.0	0.7	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
228.4	228.6	Fpb-f/Fpb-c	4.8	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	5.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.6	228.6	Hf	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.6	228.7	Fpb-c/GL	0.6	0.3	0.4	0.0	0.0	0.2	0.1	0.0	0.0	0.4	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
228.7	229.5	Fpa/GL	9.7	4.8	3.2	0.6	0.2	0.0	0.1	0.0	0.0	9.3	8.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acres of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
229.5	229.5	Fpb-c/GL	0.4	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229.5	230.4	Fpa/GL	13.4	3.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.4	230.8	Fpb-f/Fpb-c	5.2	2.3	1.0	0.5	0.0	0.5	0.0	0.0	0.0	3.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.8	230.9	Fpb-c/GL	2.7	1.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	3.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.9	231.0	Fpa/GL	8.5	0.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
231.0	231.6	Cr/Fpt	6.4	7.0	0.7	0.1	0.1	0.0	0.2	0.1	0.0	1.4	6.5	6.2	0.4	0.0	0.0	0.0	0.0	0.0
231.6	231.7	Cr/Ff	0.8	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.7	231.9	Ff-c	2.3	1.2	0.5	0.1	0.1	0.0	0.0	0.0	0.0	2.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.9	232.1	Fpm	4.6	0.5	0.7	0.1	0.0	0.1	0.0	0.0	0.0	4.2	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
232.1	233.1	Gt-It+GFk	6.2	6.6	5.2	2.2	0.4	0.0	0.1	0.1	0.2	7.3	11.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0
233.1	233.3	Cr/Gt-It	2.4	1.3	0.9	0.1	0.5	0.1	0.0	0.0	0.0	0.9	1.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
233.3	233.4	Ff-c	0.3	0.4	0.2	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0
233.4	233.5	Gt-It+GFk	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0
233.5	233.5	Ff-c	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
233.5	233.6	Cr/Fpa	0.7	0.4	0.5	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.1	1.8	0.3	0.0	0.0	0.0	0.0	0.0
233.6	233.6	Ff-c	0.0	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
233.6	233.9	Gt-It+GFk	2.3	2.3	0.7	0.7	0.0	0.1	0.2	0.0	0.0	4.3	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
233.9	234.0	Cs/Gt-It	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.0	234.0	Gt-It+GFk	0.1	0.5	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
234.0	234.0	Cs/Gt-It	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
234.0	234.0	Gt-It+GFk	0.6	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0
234.0	234.2	Cs/Gt-It	1.4	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.0	0.0	0.0	0.0	0.0	0.0
234.2	234.7	Ff-c+Cr	7.2	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	5.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0
234.7	235.0	Cr/GFo-It	4.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	5.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
235.0	235.2	Gt-It+GFk	1.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0
235.2	235.4	Cr/GFo-It	1.8	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	3.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.4	235.5	Gt-It+GFk	0.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.5	235.7	Cr/GFo-It	3.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
235.7	235.8	Ff-c	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.8	235.9	Cr/GFo-It	2.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.9	236.2	Ff-c	2.6	1.5	0.4	0.3	0.3	0.2	0.0	0.0	0.0	0.9	3.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
236.2	237.5	Cr/GFo-It	17.3	10.2	2.1	0.3	0.6	0.3	0.1	0.0	0.0	11.0	12.1	5.0	2.2	0.5	0.0	0.0	0.0	0.0
237.5	237.6	GFo-It	1.2	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.4	0.9	0.5	0.1	0.6	0.0	0.0	0.0	0.0	0.0
237.6	237.7	Cr	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.7	237.8	Cr/Fpt	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.8	239.1	Fpa/GL	18.5	6.5	2.4	0.1	0.0	0.0	0.0	0.0	0.0	25.3	0.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0
239.1	239.2	Ff-c	1.6	0.5	0.5	0.4	0.0	0.1	0.0	0.0	0.0	0.2	0.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0
239.2	239.9	Fpm	11.8	2.5	1.3	0.0	0.3	0.0	0.0	0.0	0.0	6.4	9.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
239.9	240.6	Fpa	13.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.6	240.6	Cr/Fpa	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.6	240.8	Fpa	2.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.8	241.0	Cr/Fpt	3.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
241.0	242.4	Cr/GFo-It	25.0	5.1	0.2	0.3	0.0	0.1	0.0	0.0	0.0	15.8	13.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
242.4	243.2	Ff	10.7	6.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.8	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.2	243.4	Ff/GFo-It	3.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.4	243.9	Cr/GFo-It	8.0	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.9	244.1	Fpm	3.1	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.1	244.2	Ff-c	1.7	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
244.2	244.2	Cs/Gt-It	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
244.2	244.4	Gt-It/B	0.9	1.6	0.6	0.5	0.5	0.1	0.2	0.0	0.0	1.7	0.8	1.0	1.0	0.0	0.0	0.0	0.0	0.0
244.4	244.6	Cs/Gt-It	1.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0
244.6	244.9	Gt-It	1.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0
244.9	245.6	Cs/Gt-It	7.1	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.6	246.5	Gt-It	10.7	5.9	1.9	0.6	1.0	0.6	0.0	0.3	0.0	15.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
246.5	249.2	Cs/Gt-It	25.8	21.7	7.3	0.7	0.4	0.1	0.0	0.0	0.0	22.5	25.9	7.6	0.0	0.0	0.0	0.0	0.0	0.0
249.2	249.3	Fp	0.7	0.6	0.2	0.0	0.0	0.0	0.1	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
249.3	251.6	Cs/Gt-It	13.9	19.3	12.7	2.5	2.1	1.1	0.6	0.8	0.1	0.5	10.0	27.4	12.1	2.1	1.1	0.0	0.0	0.0
251.6	252.1	Ff	8.3	1.3	0.3	0.1	0.2	0.0	0.0	0.0	0.0	9.4	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
252.1	252.4	Fpa/GL	5.7	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.9	1.9	0.7	1.7	0.0	0.0	0.0	0.0	0.0
252.4	253.1	Gt-It	7.9	5.3	1.8	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	5.7	6.4	2.0	0.0	0.0	0.0
253.1	253.3	Cr/Gt-It	3.1	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0
253.3	253.4	Gt-It	0.4	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.9	0.0	0.0	0.0	0.0
253.4	253.5	Cr/Gt-It	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	0.0	0.0	0.0	0.0	0.0
253.5	253.5	Gt-It	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
253.5	253.5	Cr/Gt-It	0.2	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0
253.5	253.8	Gt-It	1.3	1.2	1.1	1.3	0.6	0.0	0.4	0.2	0.2	0.0	0.2	0.5	1.6	4.0	0.0	0.0	0.0	0.0
253.8	253.9	Cs/Gt	1.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0
253.9	253.9	G+GF	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
253.9	254.1	Cs/Gt	2.4	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0
254.1	254.2	Gt-It	0.0	0.5	1.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
254.2	254.2	G+GF	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
254.2	254.3	Gt-It	0.9	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
254.3	254.5	O/G+O/GF	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
254.5	254.8	Cr/G+Cr/GF	4.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
254.8	255.0	O/G+O/GF	3.8	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.0	255.1	G+GF	0.8	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.1	255.1	O/G+O/GF	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.1	255.8	G+GF	8.7	4.2	2.2	0.2	0.0	0.0	0.0	0.0	0.0	9.2	6.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
255.8	255.9	Cr/G+Cr/GF	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
255.9	255.9	G+GF	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
255.9	256.2	Cr/G+Cr/GF	4.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.2	256.3	G+GF	0.4	0.8	0.9	0.1	0.3	0.0	0.0	0.0	0.0	0.5	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
256.3	256.3	Cr/G+Cr/GF	0.2	0.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.3	256.4	O/G+O/GF	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
256.4	256.5	Cr/G+Cr/GF	1.1	1.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.5	256.6	O/G+O/GF	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.6	256.6	Cr/G+Cr/GF	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.6	256.7	O/G+O/GF	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.7	256.9	Cr/G+Cr/GF	1.0	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0
256.9	257.3	G+GF	4.2	2.1	0.4	0.2	0.0	0.0	0.2	0.0	0.0	4.4	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
257.3	257.4	Cr/G+Cr/GF	0.4	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.4	257.4	O/G+O/GF	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.4	257.5	Cr/G+Cr/GF	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.5	257.5	G+GF	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.5	257.6	Cr/G+Cr/GF	0.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.6	257.7	O/G+O/GF	1.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.7	257.7	Cr/G+Cr/GF	0.1	0.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.7	257.9	G+GF	2.2	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.9	258.0	Cr/G+Cr/GF	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.0	258.1	O/G+O/GF	2.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.1	258.2	G+GF	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
258.2	258.3	O/G+O/GF	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.3	258.5	Cr/G+Cr/GF	5.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.5	258.7	G+GF	0.9	1.1	1.1	0.6	0.0	0.1	0.0	0.0	0.0	3.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.7	258.8	Cr/G+Cr/GF	0.9	0.5	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.7	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
258.8	258.9	O/G+O/GF	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.9	259.3	Cr/Gt-It	5.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
259.3	260.5	Gt-It	2.7	6.3	9.9	3.8	2.3	0.4	0.0	0.0	0.0	3.4	8.4	8.9	3.3	1.3	0.0	0.0	0.0	0.0
260.5	260.8	O/L	6.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.8	263.6	Cs/Gt-Sa	24.0	22.2	7.4	4.0	3.4	0.9	0.3	0.0	0.0	5.1	11.1	11.8	16.3	13.4	4.5	0.0	0.0	0.0
263.6	263.7	Fpa	1.3	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.7	263.7	Fp-f/Fp-c	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
263.7	263.8	Fp-c	0.3	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.8	263.9	Fp-f/Fp-c	0.6	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.9	263.9	Fp-c	0.3	0.0	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.9	264.1	Ff/Fpt	3.8	1.6	0.5	0.0	0.0	0.1	0.0	0.0	0.0	5.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.1	264.2	Cr/Fpt	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.2	265.8	Cs/Gt-Sa	7.6	9.3	16.0	3.3	0.3	0.0	0.0	0.0	0.0	3.5	8.8	7.0	12.9	4.4	0.0	0.0	0.0	0.0
265.8	265.9	Ff-c	0.3	1.3	0.5	0.2	0.3	0.0	0.0	0.0	0.0	1.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.9	266.6	Cs/Gt-Sa	4.6	6.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	1.8	7.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0
266.6	266.9	Ff-c	2.6	2.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
266.9	267.8	Cs/Gt-Sa	10.1	7.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	4.7	14.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
267.8	267.9	Gt-Sa	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
267.9	268.1	Cs/Gt-Sa	2.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
268.1	268.1	Fpc	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
268.1	268.1	Cs/Gt-Sa	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
268.1	268.7	Ff-c	6.9	4.3	2.2	0.6	0.5	0.0	0.0	0.0	0.0	1.7	4.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0
268.7	268.9	Gt-Sa	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
268.9	268.9	Cs/Gt-Sa	0.5	0.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.6	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
268.9	269.3	Ff-c/Gt-Sa	2.0	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	5.9	1.0	0.0	0.0	0.0	0.0	0.0
269.3	269.4	Cs/Gt-Sa	0.6	2.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0
269.4	269.7	Ff-c/Gt-Sa	1.6	3.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0
269.7	270.0	Cs/Gt-Sa	2.2	3.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.4	1.6	0.0	0.0	0.0	0.0	0.0
270.0	270.3	Ff-f	3.2	3.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0
270.3	270.7	Cs/Gt-Sa	4.1	2.8	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.2	2.5	0.0	0.0	0.0	0.0	0.0
270.7	271.0	Gt-Sa	3.8	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	4.4	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
271.0	271.1	Lt	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271.1	271.5	Gt-Sa	5.7	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271.5	271.5	Fpc	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271.5	271.6	Gt-Sa	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
271.6	271.6	Fpc	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271.6	272.0	Gt-Sa	4.6	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	2.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.0	272.0	Fpc	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.0	272.0	Gt-Sa	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.0	272.1	Fpc	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.1	274.8	Gt-Sa	23.9	27.7	7.3	2.1	0.4	0.0	0.1	0.0	0.0	19.9	24.1	15.7	1.7	0.0	0.0	0.0	0.0	0.0
274.8	275.2	Cr/Fpt	2.8	3.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	2.8	2.8	1.7	0.1	0.0	0.0	0.0	0.0	0.0
275.2	275.9	Fpa	10.0	3.6	1.2	0.0	0.2	0.0	0.2	0.0	0.0	14.2	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
275.9	275.9	Fp	0.1	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.9	276.0	Fp-f/Fp-c	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.0	276.0	Fp	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.0	276.1	Fpa	2.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.1	276.1	Cr/Fpt	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.1	276.4	Cr/Fpa	4.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.4	276.4	Gt-An	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.4	276.4	Cr/Fpa	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
276.4	277.7	Gt-An	13.7	6.0	4.5	1.1	0.4	0.1	0.1	0.1	0.0	13.5	5.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0
277.7	277.8	Cr/Fpt	0.1	0.4	1.2	0.2	0.0	0.1	0.0	0.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
277.8	277.8	Fpm-f	0.4	0.5	0.1	0.0	0.5	0.1	0.0	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
277.8	278.0	Fpt	1.4	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	1.5	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
278.0	279.1	Cs/Gt-An	15.5	7.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	3.6	11.9	3.7	4.7	0.0	0.0	0.0	0.0	0.0
279.1	279.1	Fpc	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
279.1	279.4	Cs/Gt-An	0.0	3.6	1.2	1.4	0.0	0.0	0.0	0.0	0.0	4.0	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
279.4	279.5	Gt-An/Bw+Bw	0.1	0.2	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.6	0.0	0.0	0.0	0.0	0.0
279.5	279.6	Cs/Gt-An	0.0	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9	0.0	0.0	0.0	0.0
279.6	279.7	Gt-An/Bw+Bw	0.3	0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0
279.7	279.9	Cs/Gt-An	0.6	1.8	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0
279.9	280.4	Gt-An/Bw+Bw	3.4	4.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	5.8	3.8	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acres of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
280.4	280.6	Cs/Gt-An	1.2	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0
280.6	280.8	Gt-An/Bw+Bw	1.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
280.8	280.8	Cs/Gt-An	0.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.8	281.0	Gt-An	0.6	2.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.0	281.2	Cs/Gt-An	2.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.2	281.4	Gt-An	2.3	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.4	281.5	Fpc	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.5	282.0	Cr	7.7	3.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	10.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
282.0	283.7	Cs/Gt-An	14.7	15.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	4.6	11.0	18.3	0.0	0.0	0.0	0.0	0.0	0.0
283.7	283.8	Gt-An/Bw	1.4	0.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
283.8	283.9	Cs/Gt-An	0.0	0.2	1.2	0.3	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
283.9	284.0	Fpc	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.0	284.5	Cs/Gt-An	1.2	3.4	4.9	0.6	0.4	0.0	0.0	0.0	0.0	0.0	4.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0
284.5	284.5	Bw	0.0	0.0	0.4	0.1	0.2	0.1	0.2	0.2	0.2	0.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
284.5	284.6	Cr/Fpt	0.4	0.6	0.4	0.6	0.1	0.3	0.0	0.0	0.0	0.6	0.2	1.5	0.1	0.0	0.0	0.0	0.0	0.0
284.6	284.7	Fpm/GL	0.8	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.7	284.8	Fpa/GL	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.8	285.0	Cr/GL	3.0	2.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	5.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.0	285.7	Cs/Gt-An	0.1	3.1	8.6	1.1	0.6	0.0	0.0	0.0	0.0	5.1	4.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0
285.7	285.9	Cs/Bw	0.0	0.0	4.3	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0
285.9	286.0	Bw	0.0	0.0	0.3	1.0	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.1	1.6	1.4	0.0	0.0	0.0
286.0	286.1	Cs/Bw	0.0	0.0	0.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.8	0.0	0.0	0.0	0.0
286.1	286.5	Bw+C/Bw	0.0	0.0	0.0	0.0	0.4	2.9	3.8	0.3	0.0	0.0	0.8	1.0	2.0	3.6	0.0	0.0	0.0	0.0
286.5	286.6	Cs/Bw	0.0	0.0	0.6	1.2	0.5	0.3	0.2	0.0	0.0	0.3	1.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0
286.6	287.1	Bw+C/Bw	1.2	1.9	3.2	0.9	1.4	0.5	1.3	0.1	0.0	0.9	4.5	0.9	2.0	2.3	0.0	0.0	0.0	0.0
287.1	287.2	Cs/Bw+Bw	0.0	0.0	0.1	2.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.0
287.2	287.3	Bw+C/Bw	0.0	0.0	0.0	0.2	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0
287.3	287.5	C/Bw+Bw	0.0	0.0	1.9	0.8	1.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.4	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
287.5	287.5	B	0.0	0.0	0.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0
287.5	288.0	C/Bw+Bw	0.0	0.0	5.9	2.4	0.6	0.1	0.0	0.0	0.0	0.0	3.8	1.9	3.3	0.0	0.0	0.0	0.0	0.0
288.0	288.9	Cs/Bw+Bw	0.0	2.4	10.2	4.5	2.4	0.2	0.0	0.0	0.0	2.6	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0
288.9	289.0	Cr	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.0	289.1	Fp+Cr	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.1	289.3	Cr	4.1	1.7	0.1	0.2	0.0	0.0	0.0	0.0	0.0	2.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.3	289.5	Fp+Cr	1.7	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.5	289.5	Cr/Bw	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.5	289.7	C/Bw	0.0	0.0	1.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.7	290.0	C/Bw+Bw	1.1	1.7	2.9	0.8	0.0	0.0	0.0	0.0	0.0	1.3	4.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
290.0	290.1	Cr	0.5	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0
290.1	290.1	Fpc	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
290.1	290.2	Cs	0.0	0.2	1.4	1.5	0.2	0.0	0.0	0.0	0.0	1.8	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
290.2	290.4	C/Bw	0.0	0.0	0.2	1.4	0.7	0.0	0.0	0.0	0.0	1.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.4	290.7	C/Bw+Bw	0.5	0.8	3.6	1.6	1.4	0.3	0.0	0.0	0.0	0.9	4.6	2.0	0.5	0.2	0.0	0.0	0.0	0.0
290.7	290.8	Cr	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
290.8	291.0	C/Bw+Bw	0.9	0.3	1.2	1.6	1.6	0.0	0.0	0.0	0.0	0.0	1.2	3.8	0.6	0.1	0.0	0.0	0.0	0.0
291.0	291.1	C/Bw	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
291.1	291.1	C/Bw+Bw	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0
291.1	291.2	C/Bw	0.0	0.1	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.2	0.0	0.0	0.0	0.0
291.2	291.3	C/Bw+Bw	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.0
291.3	291.4	C/Bw	0.6	0.9	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.6	0.4	0.0	0.0	0.0	0.0
291.4	291.4	C/Bw+Bw	0.1	0.0	0.0	0.1	0.3	0.0	0.5	0.3	0.0	0.1	0.1	0.0	0.2	0.9	0.0	0.0	0.0	0.0
291.4	291.5	Fpa	0.1	0.0	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
291.5	291.7	Fpm	1.4	1.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0
291.7	291.7	Cs	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
291.7	292.0	C/Bw+Bw	0.7	0.9	1.2	1.1	2.3	0.0	0.0	0.0	0.0	0.9	2.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
292.0	292.1	Cr/Bw	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
292.1	292.2	C/Bw+Bw	0.6	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.3	0.0	0.0	0.0	0.0	0.0
292.2	292.2	C/Bw	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
292.2	292.4	Cr/Bw	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.4	0.0	0.0	0.0	0.0	0.0
292.4	292.4	Cr	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
292.4	292.4	Cr/Bw	0.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3	1.1	0.0	0.0	0.0	0.0
292.4	292.8	C/Bw	0.1	0.8	3.0	2.4	1.9	0.2	0.1	0.0	0.0	0.8	1.4	1.5	4.5	0.2	0.0	0.0	0.0	0.0
292.8	293.1	Cr	1.1	2.8	0.6	0.0	0.1	0.0	0.3	0.0	0.0	3.4	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
293.1	293.3	Fpa	3.2	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.3	293.6	Fpm	5.0	1.3	0.6	0.1	0.1	0.0	0.0	0.0	0.0	6.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.6	295.9	Cs/Bw	15.0	31.9	2.5	0.1	0.2	0.0	0.0	0.0	0.0	7.9	15.6	21.1	5.0	0.0	0.0	0.0	0.0	0.0
295.9	296.8	Cs	12.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	10.8	0.0	0.0	0.0	0.0	0.0	0.0
296.8	296.9	Cs/Bw	0.4	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
296.9	296.9	Fpc	0.3	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
296.9	297.0	Cs/Bw+Bw	0.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.0	297.4	Bw	0.0	0.4	2.3	0.6	1.3	0.5	2.1	0.9	0.0	4.2	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
297.4	297.9	Cs/Bw	0.0	0.4	5.6	3.8	0.3	0.2	0.0	0.0	0.0	2.0	7.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0
297.9	298.4	Bw	2.7	3.1	2.3	0.6	1.8	1.0	0.8	0.0	0.0	1.8	1.4	1.7	5.8	1.6	0.0	0.0	0.0	0.0
298.4	298.6	Cs/Bw	2.3	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.9	0.6	0.0	0.0	0.0	0.0
298.6	299.4	Bw	4.1	4.1	3.0	1.5	2.1	1.3	0.1	0.0	0.0	5.7	2.9	3.7	2.4	1.4	0.0	0.0	0.0	0.0
299.4	300.0	Cr/Bw+Bw	0.0	0.0	0.3	5.3	5.0	0.9	0.7	0.0	0.0	3.0	5.6	1.6	1.2	0.9	0.0	0.0	0.0	0.0
300.0	300.0	Fpc	0.5	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0
300.0	300.5	Cs/Bw	0.0	0.0	6.0	5.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	7.9	3.5	0.0	0.0	0.0	0.0	0.0
300.5	300.8	Bw	0.5	1.3	1.9	0.5	0.6	0.3	0.0	0.0	0.0	0.0	2.1	2.8	0.3	0.0	0.0	0.0	0.0	0.0
300.8	300.9	Br	0.0	0.0	0.4	0.9	1.1	0.0	0.0	0.0	0.0	1.6	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0
300.9	301.6	Cs/Bw	0.0	0.0	0.2	0.7	3.7	4.8	3.0	0.9	0.0	10.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301.6	301.6	Bw	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.4	0.3	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
301.6	301.7	Fpm	1.4	0.2	0.3	0.1	0.0	0.1	0.0	0.2	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301.7	302.1	Cr/Fpa	4.8	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	4.2	2.7	1.2	0.6	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
302.1	302.2	Fpc	0.0	0.0	1.3	0.9	0.1	0.0	0.0	0.0	0.0	0.7	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
302.2	302.7	Cs/Bw	0.0	0.0	0.0	1.5	5.9	3.3	0.8	0.0	0.0	1.9	3.1	1.1	2.4	3.1	0.0	0.0	0.0	0.0
302.7	303.3	C/Bw+Bw	0.1	0.4	0.9	2.3	2.2	1.8	3.2	0.0	0.0	2.1	4.7	2.9	1.2	0.0	0.0	0.0	0.0	0.0
303.3	303.3	Bw	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	0.1	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
303.3	303.4	Fpm	0.2	0.9	0.4	0.0	0.0	0.0	0.0	0.2	0.3	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.4	303.4	Fpa	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.4	303.6	Cs/Bw	0.0	0.0	0.2	0.0	2.5	0.4	0.4	0.0	0.0	0.7	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
303.6	303.8	C/Bw+Bw	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.5	0.0	0.0	2.3	1.1	0.3	0.3	0.0	0.0	0.0	0.0
303.8	304.1	Bw	0.3	0.5	1.8	0.4	0.9	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	1.9	1.9	2.0	0.0	0.0
304.1	304.4	C/Bw+Bw	0.0	0.0	0.3	1.0	0.7	1.3	1.6	1.8	0.4	0.0	0.0	0.0	0.0	1.2	3.2	2.6	0.0	0.0
304.4	304.5	Fpm	0.8	0.6	0.2	0.2	0.0	0.0	0.2	0.0	0.2	1.1	0.5	0.0	0.0	0.3	0.2	0.0	0.0	0.0
304.5	305.4	Cs	0.0	0.1	3.6	9.8	3.1	1.0	0.2	0.0	0.0	0.2	0.7	14.6	2.6	0.0	0.0	0.0	0.0	0.0
305.4	307.3	Cs/Bw	8.5	10.7	12.8	2.5	3.1	0.9	0.2	0.0	0.0	14.2	16.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0
307.3	307.5	C/Bw	0.0	0.1	2.3	2.1	0.5	0.2	0.0	0.0	0.0	1.2	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
307.5	307.8	Bw	0.0	0.0	0.5	1.0	3.2	0.7	0.2	0.1	0.0	1.3	2.3	1.6	0.5	0.0	0.0	0.0	0.0	0.0
307.8	307.8	Fpc	0.1	0.0	0.0	0.3	0.0	0.0	0.3	0.3	0.0	0.1	0.2	0.4	0.3	0.0	0.0	0.0	0.0	0.0
307.8	307.9	Bw	0.6	0.6	0.6	0.3	0.1	0.0	0.2	0.1	0.0	0.3	0.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
307.9	308.0	C/Bw	0.3	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
308.0	308.2	Bw	0.9	1.0	0.9	1.1	0.1	0.2	0.1	0.0	0.0	1.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
308.2	308.2	Fpc	0.2	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0
308.2	308.7	Bw	1.7	3.1	3.5	1.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	8.1	2.5	0.0	0.0	0.0	0.0	0.0
308.7	308.8	B	0.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
308.8	309.1	Bw	0.4	1.1	3.5	1.7	0.2	0.0	0.0	0.0	0.0	1.8	0.5	4.3	0.4	0.0	0.0	0.0	0.0	0.0
309.1	309.4	Cs	0.0	1.1	4.2	1.6	0.0	0.0	0.0	0.0	0.0	6.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.4	309.5	Fpc	0.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.5	310.0	Cs	1.3	9.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.0	310.0	Fpc	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.0	310.1	Fpm	0.0	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
310.1	310.6	Cs	2.6	7.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	6.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.6	310.6	Cs/Bw	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.6	310.7	C/Bw+Bw	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.7	310.8	Cs/Bw	0.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.8	311.0	C/Bw+Bw	3.7	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	5.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
311.0	311.7	Cs/Bw	10.8	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.0	0.0	0.0	0.0	0.0	0.0	0.0
311.7	312.4	C/Bw	5.1	8.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	6.7	1.2	0.0	0.0	0.0	0.0
312.4	312.7	Cs/Bw	4.1	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0
312.7	313.2	Cs	3.7	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	7.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
313.2	313.2	Fpc	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
313.2	313.7	Cr	8.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
313.7	315.1	Cs	17.2	13.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	15.1	14.2	0.0	0.0	0.0	0.0	0.0
315.1	315.6	C/Bw+Bw	4.6	4.0	3.9	0.2	0.3	0.0	0.0	0.0	0.0	2.1	6.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
315.6	315.7	Fpc	0.2	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315.7	316.0	C/Bw+Bw	5.1	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	4.1	2.0	0.0	0.0	0.0	0.0	0.0
316.0	316.1	Fpc	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
316.1	316.8	C/Bw+Bw	0.3	3.1	9.2	2.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	9.5	6.1	0.2	0.0	0.0	0.0	0.0
316.8	317.1	Cs/Bw	0.1	0.2	3.8	1.8	0.2	0.0	0.1	0.0	0.0	0.0	2.8	3.1	0.3	0.0	0.0	0.0	0.0	0.0
317.1	317.2	C/Bw+Bw	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
317.2	317.2	Bw	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
317.2	317.4	C/Bw+Bw	0.1	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
317.4	317.7	Cs/Bw	0.0	0.3	5.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0
317.7	317.9	C/Bw+Bw	1.9	1.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0
317.9	318.3	Cs/Bw	4.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0
318.3	319.1	C/Bw+Bw	3.1	6.8	6.2	1.6	0.0	0.0	0.0	0.0	0.0	9.7	6.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0
319.1	319.2	Cs/Bw	0.3	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0
319.2	319.5	C/Bw+Bw	0.3	1.2	4.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
319.5	319.5	Cr/Bw	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
319.5	320.3	C/Bw+Bw	1.9	5.5	8.2	1.7	0.2	0.0	0.0	0.0	0.0	2.7	7.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0
320.3	320.4	Cr/Bw	0.7	0.8	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0
320.4	321.8	Cs/Bw	4.5	10.0	15.2	0.1	0.1	0.0	0.0	0.0	0.0	0.9	10.8	18.1	0.2	0.0	0.0	0.0	0.0	0.0
321.8	321.9	Fpc/Bw+Cr/Bw	0.2	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
321.9	322.1	Cs/Bw	1.4	2.3	1.7	0.2	0.5	0.0	0.0	0.0	0.0	0.0	1.7	3.8	0.6	0.0	0.0	0.0	0.0	0.0
322.1	322.2	Fpc/Bw+Cr/Bw	0.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
322.2	322.2	Cs/Bw	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.2	322.6	Cs	1.8	5.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0
322.6	322.6	Fpc/Bw+Cr/Bw	0.1	0.5	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.6	323.2	Cs/Bw	4.5	5.3	1.2	1.2	0.4	0.0	0.0	0.0	0.0	0.1	1.5	10.8	0.0	0.0	0.0	0.0	0.0	0.0
323.2	323.4	Cs	1.4	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
323.4	324.5	Cs/Bw	4.3	10.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
324.5	325.0	Cs	3.4	5.0	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.8	10.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
325.0	325.1	Fpc+Cr	0.1	0.1	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.1	325.7	Cs/Bw	0.4	2.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	10.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.7	326.3	C/Bw+Bw	1.3	2.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0
326.3	326.3	Cs	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.3	326.4	Fpc/Bw+Cr/Bw	0.7	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.4	326.5	Cs	1.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.5	326.8	Cs/Bw	3.1	3.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0
326.8	326.9	Cs	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.9	326.9	Cr	0.3	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.9	327.1	Cs	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.1	327.1	Cr	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.1	327.1	Cs	0.0	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.1	327.6	Cs/Bw+Bw	0.4	3.1	5.0	2.7	0.0	0.0	0.0	0.0	0.0	1.3	2.9	3.9	3.1	0.0	0.0	0.0	0.0	0.0
327.6	327.7	C/Bw+Bw	1.2	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.7	328.2	Cs/Bw+Bw	0.6	4.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	7.7	1.2	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
328.2	328.4	C/Bw+Bw	0.0	0.1	2.8	0.5	0.1	0.0	0.0	0.0	0.0	0.2	1.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
328.4	328.8	Cs/Bw+Bw	0.0	0.0	2.1	6.3	1.1	0.0	0.0	0.0	0.0	4.1	4.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
328.8	328.9	Fpc/Bw+Cr/Bw	0.5	0.3	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
328.9	329.3	Cs/Bw	3.3	4.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.5	0.0	0.0	0.0	0.0	0.0
329.3	331.4	Cs	15.1	24.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	3.1	24.3	17.6	0.1	0.0	0.0	0.0	0.0	0.0
331.4	332.4	El	8.6	11.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	16.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
332.4	332.5	Cr	0.2	0.0	0.1	0.1	0.6	0.0	0.0	0.0	0.0	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
332.5	335.8	El	32.7	31.2	2.8	0.3	0.0	0.0	0.0	0.0	0.0	54.1	12.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
335.8	335.8	El/Fpt	0.4	0.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335.8	336.0	Cr	0.0	0.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.0	336.1	El/Fpt	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.1	336.9	Cr	3.8	9.8	2.6	0.2	0.0	0.0	0.0	0.0	0.0	15.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.9	337.2	O/Fpa	4.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.2	337.2	Fpm	0.3	0.2	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.2	337.3	O/Fpa	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.3	337.3	El	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.3	337.4	C/Bw+Bw	0.0	0.4	1.6	0.4	0.3	0.1	0.3	0.0	0.0	0.5	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
337.4	337.5	El	0.0	0.0	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.5	337.6	Fpt	0.0	0.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.6	337.7	El	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.7	337.7	Fpt	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.7	339.4	El	22.9	9.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
339.4	339.7	Cr+O	5.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
339.7	340.0	El	4.4	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.0	340.2	Fpt/Bw	2.9	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.2	340.6	El/Bw+Bw	0.7	0.8	2.0	2.3	1.5	0.0	0.0	0.0	0.0	3.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.6	340.6	Cr/Fpc	0.6	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.6	340.6	El	0.0	0.0	0.0	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
340.6	340.8	Fpt/Bw	0.7	0.5	0.3	0.4	0.3	0.1	0.4	0.3	0.0	0.5	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
340.8	341.0	El/Bw	0.3	0.3	1.9	2.0	0.3	0.0	0.0	0.0	0.0	0.0	2.6	1.7	0.3	0.0	0.0	0.0	0.0	0.0
341.0	341.1	El/Bw+Bw	0.6	1.2	2.0	0.8	0.3	0.0	0.0	0.0	0.0	0.7	1.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0
341.1	341.6	El	4.9	3.7	1.1	0.4	0.0	0.0	0.0	0.0	0.0	4.2	4.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0
341.6	341.7	Cr	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
341.7	341.8	El	0.1	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
341.8	342.2	El/Bw+Bw	1.2	3.8	2.7	1.4	0.0	0.0	0.0	0.0	0.0	4.2	4.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
342.2	342.3	El	0.0	0.1	2.7	1.0	0.0	0.0	0.0	0.0	0.0	0.5	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0
342.3	342.3	El/Bw+Bw	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
342.3	342.5	El	0.4	0.6	1.2	0.8	0.6	0.0	0.0	0.0	0.0	1.0	1.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0
342.5	342.6	Cr	0.2	0.3	1.2	0.5	0.0	0.0	0.0	0.0	0.0	1.1	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
342.6	342.7	El	0.9	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.7	342.8	Fpt/Bw	0.0	0.1	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.8	342.9	El	0.0	1.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.9	343.2	Cr	1.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
343.2	343.6	Cr/Fpa	6.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
343.6	343.7	Fpm	1.8	0.4	0.1	0.2	0.3	0.1	0.0	0.1	0.0	2.6	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
343.7	343.7	Cr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
343.7	344.8	El+Cr	14.7	5.2	1.9	0.4	0.6	0.1	0.0	0.0	0.0	0.0	6.7	14.7	1.4	0.0	0.0	0.0	0.0	0.0
344.8	344.8	Fpc	0.1	0.3	0.3	0.2	0.0	0.2	0.1	0.3	0.0	0.6	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0
344.8	344.9	El+Cr	0.0	0.0	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0
344.9	345.0	El/Bw+Bw	0.2	0.9	0.5	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	2.0	0.2	0.0	0.0	0.0	0.0
345.0	345.2	El+Cr	0.9	1.4	1.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.6	1.3	0.0	0.0	0.0	0.0
345.2	346.1	El/Bw+Bw	1.5	4.5	6.9	4.8	0.6	0.5	0.1	0.2	0.0	2.6	4.5	7.7	4.2	0.0	0.0	0.0	0.0	0.0
346.1	346.4	C/Bw+Bw	0.4	0.1	2.2	0.6	1.3	1.3	1.0	0.4	0.0	0.3	0.5	1.1	1.9	0.8	0.2	2.5	0.0	0.0
346.4	346.5	Fpc/Bw	0.1	0.0	0.0	0.4	0.4	0.2	0.1	0.0	0.0	0.2	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0
346.5	347.8	El/Bw+Bw	0.7	4.6	10.8	4.3	5.5	2.1	1.0	0.3	0.0	6.0	11.2	7.1	5.0	0.0	0.0	0.0	0.0	0.0
347.8	347.8	Fpc/B	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
347.8	347.9	Cr/B	0.1	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
347.9	347.9	El/Bw+Bw	0.0	0.0	0.2	0.2	0.0	0.1	0.5	0.2	0.0	0.0	0.0	0.5	0.0	0.3	0.3	0.0	0.0	0.0
347.9	348.0	Bw	0.1	0.0	0.1	0.2	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.0	0.0
348.0	348.9	El/Bw+Bw	5.0	6.2	5.4	3.3	2.8	0.1	0.0	0.0	0.0	0.0	2.0	5.2	12.6	1.3	1.7	0.1	0.0	0.0
348.9	349.3	Bw	0.0	1.6	3.7	1.3	0.1	0.0	0.0	0.0	0.0	3.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349.3	349.3	Fpc	0.0	0.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349.3	349.5	El/Bw	0.0	1.1	2.2	1.0	0.6	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349.5	349.6	Bw	0.4	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
349.6	349.9	El/Bw	1.6	2.5	2.0	0.2	0.1	0.0	0.0	0.0	0.0	0.4	3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
349.9	350.3	El/Bw+Bw	0.2	2.2	2.7	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.1	3.8	2.0	0.0	0.0	0.0	0.0
350.3	350.4	El/Bw	0.0	0.4	1.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.6	0.4	0.0	0.0	0.0	0.0	0.0
350.4	350.6	Cr	3.1	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350.6	350.7	Fpc	1.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350.7	351.6	Cr	15.2	5.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	9.4	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
351.6	351.7	El/Bw+C/Bw	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
351.7	351.9	Cr	3.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
351.9	352.2	El/Bw+C/Bw	3.3	3.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	2.2	5.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
352.2	352.3	Fpc	0.2	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.3	352.6	El/Bw+C/Bw	3.7	2.3	0.2	0.4	0.1	0.0	0.0	0.0	0.0	4.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.6	352.7	El	1.6	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.7	352.9	Cr	3.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.9	353.3	El	3.7	4.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0
353.3	353.4	Cr	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
353.4	353.4	Fpc	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353.4	353.7	El/Bw+C/Bw	3.9	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353.7	353.8	Fpc	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353.8	353.8	El	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353.8	354.2	El/Bw+C/Bw	3.4	2.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
354.2	354.9	El+Cr	8.2	6.5	2.3	0.1	0.0	0.0	0.0	0.0	0.0	6.7	9.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
354.9	355.0	Cr	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355.0	355.1	El+Cr	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355.1	355.2	Cr	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355.2	355.3	El	0.9	2.6	0.1	0.3	0.0	0.0	0.0	0.0	0.0	1.1	2.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0
355.3	355.7	El/Bw+Bw	1.5	1.4	2.2	1.7	0.1	0.3	0.2	0.0	0.0	1.0	2.5	2.8	1.3	0.0	0.0	0.0	0.0	0.0
355.7	356.2	El	8.1	0.7	1.1	0.9	0.3	0.0	0.0	0.0	0.0	3.5	4.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0
356.2	356.4	Cr	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
356.4	357.1	El	13.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.1	357.3	Cr	3.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.3	357.8	El	6.8	2.9	0.3	0.0	0.1	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.8	357.8	Fpc	0.0	0.0	0.0	0.1	0.3	0.1	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.8	358.0	Cr	1.4	1.1	0.7	0.1	0.1	0.0	0.0	0.0	0.0	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.0	358.7	El	2.0	6.4	4.7	1.1	0.7	0.1	0.0	0.0	0.0	7.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.7	358.7	Cr	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.7	358.8	Fpc	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.8	358.8	Cr	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.8	358.9	El	0.3	0.6	0.5	0.1	0.7	0.0	0.0	0.0	0.0	0.4	0.3	0.4	1.1	0.0	0.0	0.0	0.0	0.0
358.9	359.3	Cr/Fpa	7.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	4.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0
359.3	359.3	Ff-f/Fpa	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
359.3	359.7	Cr/Fpa	13.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359.7	359.9	Fpm-f/Fpm-c	6.8	0.3	0.0	0.0	0.0	0.0	0.3	0.1	0.0	7.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359.9	360.2	W	6.7	0.1	0.3	0.1	0.0	0.3	0.0	0.2	0.0	7.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.2	360.6	El	0.3	0.0	0.2	1.3	4.0	3.2	3.5	0.3	0.0	0.5	3.8	3.7	2.4	0.0	1.0	1.4	0.0	0.0
360.6	360.8	El/Bw	0.5	1.4	1.9	0.3	0.2	0.0	0.0	0.0	0.0	1.1	3.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
360.8	361.1	El	2.5	1.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	3.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
361.1	361.1	Hf/El	0.2	0.1	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
361.1	363.3	El	6.9	7.7	24.2	7.5	2.7	0.7	0.9	0.1	0.0	15.9	15.6	12.1	4.5	2.2	0.5	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
363.3	363.3	Cr/EI	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
363.3	363.3	EI	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
363.3	363.4	Cr/EI	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
363.4	364.0	EI	0.5	5.5	4.2	1.2	0.6	0.0	0.0	0.0	0.0	5.0	6.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0
364.0	364.0	Cr/EI	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.0	364.4	EI	1.2	4.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	4.3	3.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
364.4	364.5	Cr/EI	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.5	364.7	EI	2.2	2.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.7	364.8	Cr/EI	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.8	364.8	EI	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.8	364.9	Cr/EI	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.9	365.7	EI	3.9	8.0	5.6	0.1	0.0	0.0	0.0	0.0	0.0	7.9	9.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
365.7	365.8	Cr/EI	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
365.8	367.2	EI	2.9	9.7	12.9	1.4	0.0	0.0	0.0	0.0	0.0	23.4	0.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0
367.2	367.3	EI/Bw	0.5	1.0	1.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
367.3	367.9	EI	0.8	2.1	2.9	3.0	2.3	0.0	0.0	0.0	0.0	0.0	0.9	7.9	2.1	0.2	0.0	0.0	0.0	0.0
367.9	368.2	EI/Bw	0.7	0.7	0.3	0.9	3.1	0.5	0.0	0.0	0.0	0.0	0.8	1.4	0.7	2.8	0.6	0.0	0.0	0.0
368.2	368.4	EI	0.0	0.0	0.0	0.0	1.7	0.6	0.6	0.8	0.0	2.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
368.4	368.4	Fpc	0.0	0.0	0.1	0.0	0.1	0.5	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.5	0.0	0.0	0.0	0.0
368.4	368.7	EI	0.4	0.2	2.0	1.0	0.9	0.7	0.6	0.0	0.0	0.0	0.0	2.1	2.8	1.0	0.0	0.0	0.0	0.0
368.7	369.1	EI/Bw	0.0	0.2	1.7	4.4	1.1	0.1	0.1	0.0	0.0	4.6	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
369.1	369.3	EI	0.2	0.0	1.0	0.9	0.7	1.5	0.4	0.0	0.0	0.0	0.0	3.2	0.5	1.0	0.0	0.0	0.0	0.0
369.3	369.5	Cr/EI	0.8	1.8	0.9	0.1	0.1	0.0	0.0	0.0	0.0	0.0	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
369.5	369.6	EI	0.4	0.4	2.1	0.2	0.0	0.0	0.0	0.0	0.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
369.6	369.6	Cr/EI	0.0	0.3	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
369.6	369.9	EII	1.9	1.1	1.8	0.2	0.3	0.2	0.0	0.0	0.0	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
369.9	370.0	Cr/EI	1.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
370.0	370.4	EII	2.5	3.8	1.7	0.3	0.0	0.0	0.0	0.0	0.0	3.0	4.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
370.4	370.4	Cr/EI	0.8	0.4	0.2	0.3	0.0	0.0	0.0	0.1	0.0	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
370.4	371.0	EI	0.0	0.0	0.6	3.4	2.2	0.8	2.8	1.2	0.0	0.0	1.4	3.0	2.2	4.4	0.0	0.0	0.0	0.0
371.0	373.0	EI/Bw	5.5	7.7	13.4	7.5	6.9	3.2	2.3	0.0	0.0	7.4	9.1	19.0	2.6	6.4	2.0	0.0	0.0	0.0
373.0	373.2	EI	0.1	0.2	0.1	0.5	0.8	0.0	0.8	0.4	0.8	0.3	0.3	0.1	0.2	0.8	0.8	1.1	0.0	0.0
373.2	373.3	Cr/EI	0.6	0.3	0.5	0.3	1.2	0.1	0.5	0.1	0.0	0.3	1.3	1.0	0.4	0.6	0.0	0.0	0.0	0.0
373.3	373.5	EI	0.1	0.4	0.9	1.0	0.9	0.4	0.4	0.1	0.0	0.9	1.5	1.3	0.4	0.0	0.0	0.0	0.0	0.0
373.5	373.8	EI/Bw	0.4	2.1	1.3	0.6	0.3	0.3	0.3	0.0	0.0	1.3	1.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
373.8	374.8	EI	8.9	7.4	4.7	1.0	0.5	0.1	0.1	0.0	0.0	7.9	11.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0
374.8	375.0	O/Cr	2.4	0.6	0.5	0.3	0.0	0.0	0.0	0.0	0.0	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.0	375.0	Cr/EI	0.0	0.0	1.3	0.7	0.0	0.0	0.0	0.0	0.0	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.0	375.2	EI	0.0	0.0	0.1	2.1	1.5	0.3	0.0	0.0	0.0	0.0	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0
375.2	375.5	EI/Bw	0.0	0.1	0.1	0.0	3.4	0.8	0.8	0.0	0.0	2.5	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
375.5	375.6	EI	0.0	0.0	0.3	0.7	1.4	1.1	0.1	0.0	0.0	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.6	375.7	Cr/EI	0.3	0.6	0.6	0.5	0.3	0.1	0.0	0.0	0.0	0.1	1.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
375.7	376.0	EI	0.5	0.5	2.0	0.9	1.4	0.2	0.1	0.0	0.0	0.0	0.0	0.4	1.9	3.3	0.0	0.0	0.0	0.0
376.0	376.2	EI/Bw	0.0	0.0	1.0	1.2	0.8	1.1	0.0	0.0	0.0	0.3	0.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0
376.2	376.5	EI	0.0	0.5	2.0	1.1	1.8	0.6	0.6	0.0	0.0	0.9	2.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0
376.5	376.7	Cr/EI	0.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
376.7	376.8	EI	0.0	0.0	1.8	0.8	0.3	0.0	0.0	0.0	0.0	0.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
376.8	377.1	Cs/Bw	0.2	0.1	1.1	1.1	1.8	0.9	1.5	0.2	0.0	0.2	3.4	1.1	2.0	0.0	0.0	0.0	0.0	0.0
377.1	377.2	EI	0.0	0.3	0.9	0.9	0.6	0.0	0.0	0.0	0.0	1.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
377.2	377.3	Fp	0.3	0.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
377.3	377.8	EI/Bw	0.4	1.2	1.2	1.1	1.5	0.5	1.6	0.7	1.6	0.0	0.1	0.9	1.0	2.5	1.1	3.7	0.5	0.0
377.8	377.8	C/Bw	0.0	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0
377.8	377.9	EI/Bw	0.1	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.8	0.0	0.0
377.9	377.9	C/Bw	0.2	0.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.7	0.1	0.0	0.0
377.9	378.1	EI/Bw	0.0	0.2	0.5	0.3	1.3	0.1	0.2	0.2	0.0	0.1	0.2	1.0	0.6	0.9	0.0	0.0	0.0	0.0
378.1	378.1	Bw	0.1	0.0	0.3	0.5	0.5	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.5	0.5	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
378.1	378.2	El/Bw	0.0	0.0	0.0	0.0	0.3	0.6	0.8	0.0	0.0	0.0	0.0	0.2	1.0	0.5	0.0	0.0	0.0	0.0
378.2	378.6	El	0.1	0.3	0.5	0.5	1.6	2.4	2.9	0.1	0.0	0.0	0.6	2.3	3.5	2.1	0.0	0.0	0.0	0.0
378.6	378.8	Bw	0.4	0.2	0.7	0.6	0.8	1.1	0.6	0.0	0.0	0.0	0.0	1.0	0.6	2.6	0.0	0.0	0.0	0.0
378.8	379.6	El	5.5	5.1	2.1	1.6	1.5	0.3	0.1	0.0	0.0	0.3	3.4	10.7	1.8	0.0	0.0	0.0	0.0	0.0
379.6	379.9	El/Bw	0.1	0.2	1.4	1.7	1.3	0.5	0.4	0.2	0.0	0.8	2.1	1.0	1.8	0.1	0.0	0.0	0.0	0.0
379.9	379.9	El	0.1	0.5	0.3	0.0	0.2	0.1	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.9	380.1	Ell	0.7	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.1	380.1	Fpc	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.1	380.2	El	0.4	0.6	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0
380.2	381.0	Ell	4.7	6.6	4.9	0.7	0.2	0.1	0.0	0.0	0.0	0.0	7.3	9.4	0.6	0.0	0.0	0.0	0.0	0.0
381.0	381.3	El	0.5	1.0	1.8	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.4	3.9	1.0	0.0	0.0	0.0	0.0	0.0
381.3	381.4	C/Bw	1.1	0.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	1.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
381.4	383.3	El	12.0	14.0	12.4	1.0	0.1	0.1	0.0	0.0	0.0	5.0	8.5	25.9	0.2	0.0	0.0	0.0	0.0	0.0
383.3	383.4	El/Bw	1.3	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.3	0.0	0.0	0.0	0.0	0.0
383.4	384.4	El	0.8	3.7	8.2	4.0	2.3	0.5	0.6	0.0	0.0	0.5	2.4	10.7	5.3	1.1	0.0	0.0	0.0	0.0
384.4	384.4	El/Bw	0.0	0.0	0.3	0.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.3	0.0	0.0	0.0	0.0
384.4	384.5	El	0.0	0.0	0.2	0.0	1.3	1.1	0.2	0.0	0.0	1.2	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
384.5	384.9	Fpa-f/Fpa-c	3.7	2.5	0.7	0.2	0.2	0.2	0.0	0.0	0.0	5.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
384.9	385.0	O/Fpm	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.0	385.2	Fpa-f/Fpa-c	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.2	385.4	Fpm	4.3	1.1	0.7	0.9	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.4	385.6	Fpa-f/Fpa-c	3.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.6	385.7	O/Fpa	1.3	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.7	385.8	Fpa-f/Fpa-c	1.8	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.8	385.9	Cr/Fpt	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.9	386.5	El	0.3	1.4	0.4	0.9	8.5	0.9	0.3	0.0	0.2	0.9	8.2	3.5	0.2	0.0	0.0	0.0	0.0	0.0
386.5	387.1	C/Bw	1.3	3.5	3.9	0.2	4.3	0.2	0.0	0.0	0.0	0.5	2.6	6.6	3.7	0.0	0.0	0.0	0.0	0.0
387.1	387.2	El	0.4	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
387.2	388.4	C/Bw	5.6	6.2	8.4	1.9	3.0	0.7	0.0	0.0	0.0	6.1	6.4	8.7	1.6	2.3	0.8	0.0	0.0	0.0
388.4	391.4	El	11.5	11.4	22.7	7.4	7.3	1.8	1.9	0.5	0.0	16.8	20.5	23.3	3.5	0.4	0.0	0.0	0.0	0.0
391.4	391.5	Fpa-f	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
391.5	391.5	Fpc	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
391.5	391.5	Fpa-f	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
391.5	391.5	Fpc	0.1	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
391.5	391.7	Fpa-f	3.2	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
391.7	391.8	Cr/Fpa	0.4	0.6	0.7	0.3	0.5	0.0	0.0	0.0	0.0	1.5	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
391.8	391.9	Bw	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.4	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.0	0.0
391.9	392.1	El/Bw	0.0	0.0	0.0	0.0	1.5	1.6	1.1	0.1	0.0	0.4	1.8	1.8	0.2	0.0	0.0	0.0	0.0	0.0
392.1	392.7	C/Bw	4.5	2.9	2.1	0.7	1.6	1.1	0.1	0.0	0.0	3.1	4.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0
392.7	392.7	El/Bw	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
392.7	392.9	El	1.9	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.8	0.0	0.0	0.0	0.0	0.0
392.9	393.1	El/Bw	0.8	2.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
393.1	393.3	El	0.0	0.7	1.3	1.6	0.0	0.0	0.0	0.0	0.0	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
393.3	393.5	Cr	0.1	2.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
393.5	393.7	El/Bw	0.9	1.3	1.6	0.7	0.3	0.0	0.0	0.0	0.0	0.5	1.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0
393.7	393.9	Cr	0.1	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
393.9	394.2	El/Bw	2.7	1.8	2.8	0.6	0.0	0.0	0.0	0.0	0.0	1.3	4.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
394.2	394.4	Cr	1.1	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
394.4	394.4	El/Bw	0.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0
394.4	394.6	Cr	0.4	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
394.6	394.9	El	2.2	2.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.9	4.4	0.0	0.0	0.0	0.0	0.0
394.9	394.9	Fpc	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.9	397.1	El	3.9	5.3	16.8	6.8	7.7	3.9	1.6	0.0	0.0	2.4	11.3	14.1	10.4	7.3	0.2	0.0	0.0	0.0
397.1	397.9	El/Bw	1.5	2.5	2.6	2.1	5.0	2.3	1.0	0.0	0.0	0.1	2.9	6.0	3.0	4.6	0.4	0.0	0.0	0.0
397.9	398.2	C/Bw	0.0	0.0	1.2	1.5	1.5	1.3	1.1	0.8	0.0	3.9	2.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
398.2	398.4	El	0.0	0.0	0.0	0.1	1.4	2.2	0.6	0.0	0.0	0.0	0.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
398.4	399.2	Cr/EI	0.4	6.9	8.3	2.2	0.0	0.0	0.0	0.0	0.0	8.5	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
399.2	399.3	Cr	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
399.3	399.3	Fpc	0.3	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
399.3	399.4	Cr	0.1	0.3	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
399.4	399.4	Bw	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.8	0.1	0.2	0.5	0.3	0.2	0.0	0.0	0.0	0.0
399.4	399.7	EI/Bw	0.0	0.1	0.0	0.1	1.0	1.9	1.4	0.5	0.0	2.2	2.1	0.3	0.3	0.1	0.0	0.0	0.0	0.0
399.7	400.7	EI	1.6	1.5	4.0	4.7	6.4	2.4	1.4	0.0	0.0	3.1	1.3	3.7	3.5	7.5	1.1	1.9	0.0	0.0
400.7	400.9	EI/Bw	0.0	0.0	0.0	2.3	1.2	0.0	0.0	0.0	0.0	0.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400.9	401.0	C/Bw	0.0	0.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
401.0	401.2	Bw	0.0	0.5	0.9	0.1	0.2	0.1	1.5	0.3	0.0	0.9	2.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
401.2	401.2	C/Bw	0.0	0.0	0.0	0.2	0.2	0.3	0.5	0.0	0.0	0.4	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
401.2	402.1	EI	0.4	0.5	1.4	2.0	7.8	5.0	1.1	0.1	0.0	0.8	11.1	5.0	1.3	0.0	0.0	0.0	0.0	0.0
402.1	402.5	EI/Bw	0.0	0.2	4.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0
402.5	402.5	Cr	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
402.5	402.6	C/Bw	0.1	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
402.6	403.0	Cs/Bw	0.0	0.0	0.4	1.1	3.0	2.3	0.7	0.0	0.0	1.1	2.0	3.9	0.5	0.0	0.0	0.0	0.0	0.0
403.0	403.3	C/Bw	0.6	1.6	2.6	1.4	0.7	0.2	0.0	0.0	0.0	0.3	0.8	1.2	0.6	0.8	1.8	1.6	0.0	0.0
403.3	403.4	Bw	0.1	0.8	1.1	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.4	0.6	1.1	0.0	0.0	0.0
403.4	403.5	C/Bw	0.3	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
403.5	403.7	Bw	0.6	1.3	1.0	0.2	0.7	0.2	0.5	0.3	0.0	0.1	0.8	0.6	1.1	0.5	1.2	0.4	0.0	0.0
403.7	404.3	C/Bw	0.0	0.1	1.9	1.9	5.8	1.9	1.0	0.0	0.0	6.4	1.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0
404.3	404.4	C/Fpa	0.2	0.7	0.8	0.5	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
404.4	405.5	Fpa-f/Fpa-c	20.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
405.5	405.5	O/Fpa	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
405.5	405.9	Fpm	3.5	2.9	1.4	0.9	0.3	0.0	0.0	0.0	0.0	8.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
405.9	406.3	Fpa-f/Fpa-c	7.8	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406.3	406.3	O/Ff-f	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406.3	407.9	Ff-f	17.8	11.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	22.6	7.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
407.9	407.9	C/Bw	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
407.9	408.1	Cr/EI	0.0	0.6	1.7	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0
408.1	409.8	EI	8.2	4.8	11.7	7.8	2.7	0.9	0.2	0.0	0.0	0.0	0.0	17.1	14.1	5.1	0.0	0.0	0.0	0.0
409.8	410.3	Cr/Bw	0.0	0.0	0.9	3.6	3.9	0.6	1.0	0.0	0.0	0.0	0.3	3.7	2.6	2.9	0.5	0.0	0.0	0.0
410.3	410.3	EI	0.0	0.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
410.3	410.6	C/Bw	0.1	1.0	2.1	1.8	1.3	0.2	0.0	0.0	0.0	0.7	0.5	0.6	2.8	0.8	0.5	0.7	0.0	0.0
410.6	410.8	EI	0.0	0.0	0.2	1.1	0.9	0.4	0.1	0.0	0.0	1.3	0.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
410.8	411.0	Cr/EI	0.0	0.0	0.0	4.3	0.2	0.0	0.0	0.0	0.0	2.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
411.0	411.1	EI	0.0	0.0	0.5	1.7	0.3	0.0	0.0	0.0	0.0	0.1	0.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
411.1	411.2	Fpc	0.5	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
411.2	411.5	Cr	1.5	2.9	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.9	1.2	0.0	0.0	0.0	0.0	0.0
411.5	411.6	EI	1.5	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.2	0.0	0.0	0.0	0.0	0.0
411.6	411.7	Cr	0.0	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0
411.7	411.7	EI	0.2	0.0	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.0	0.0	0.0	0.0	0.0
411.7	411.8	Cr	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0
411.8	412.0	EI	1.0	1.1	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.7	3.3	0.1	0.0	0.0	0.0	0.0	0.0
412.0	412.0	Cr	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
412.0	412.1	EI	0.2	0.5	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.6	0.0	0.0	0.0	0.0	0.0
412.1	412.4	Cr	0.1	3.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
412.4	412.4	Fpc	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.4	412.5	Ff	0.7	0.3	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.3	0.0	0.0	0.0	0.0
412.5	412.5	Fpc	0.1	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0
412.5	412.8	EI	0.0	0.1	0.0	0.1	0.0	0.3	3.6	1.0	0.0	0.2	0.3	2.1	0.9	0.8	0.9	0.0	0.0	0.0
412.8	413.1	EI/Bw	0.3	0.4	2.7	0.7	1.2	0.7	1.5	0.0	0.0	0.7	3.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0
413.1	413.7	EI	0.2	0.3	2.9	4.0	4.4	0.9	0.1	0.0	0.0	7.5	2.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
413.7	413.7	Fpc	0.0	0.1	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
413.7	414.0	C/Bw	1.4	1.1	1.0	0.6	0.3	0.3	0.2	0.8	0.9	1.2	1.2	1.0	2.0	1.2	0.0	0.0	0.0	0.0
414.0	415.1	EI/Bw	1.2	2.6	9.8	6.3	1.8	0.7	0.0	0.0	0.0	6.4	7.3	6.2	1.7	0.8	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
415.1	415.4	Cr	0.6	3.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
415.4	415.4	Fpc	0.7	0.2	0.3	0.2	0.0	0.2	0.1	0.0	0.0	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
415.4	415.6	Cr	0.0	0.0	0.3	0.7	1.2	0.6	0.1	0.0	0.0	0.0	0.5	0.3	1.8	0.3	0.0	0.0	0.0	0.0
415.6	415.8	El	0.0	0.0	0.6	1.4	1.7	1.3	0.8	0.2	0.0	0.0	0.0	1.4	3.3	1.2	0.0	0.0	0.0	0.0
415.8	416.2	El/Bw	0.7	2.9	3.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.6	4.1	1.1	0.0	0.0	0.0	0.0
416.2	416.7	El	0.0	0.4	3.3	5.4	0.6	0.0	0.0	0.0	0.0	0.4	4.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0
416.7	417.8	Cr	0.4	9.6	12.6	0.3	0.0	0.0	0.0	0.0	0.0	1.4	15.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0
417.8	417.9	O/Cr	0.0	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
417.9	419.8	Cr	19.6	19.2	1.6	0.1	0.0	0.0	0.0	0.0	0.0	24.5	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
419.8	419.9	Fpm-f/Fpm-c	1.9	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
419.9	420.1	C/Bw	0.9	0.2	0.1	0.0	0.1	0.5	1.3	0.1	1.4	0.4	1.3	0.6	0.8	0.9	0.6	0.0	0.0	0.0
420.1	420.7	El/Bw	3.6	4.8	2.5	1.9	0.6	0.1	0.0	0.0	0.0	0.0	2.0	10.6	0.8	0.0	0.0	0.0	0.0	0.0
420.7	421.1	Cr/El	0.0	1.8	4.6	2.3	0.9	0.2	0.0	0.0	0.0	3.7	2.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0
421.1	421.4	El/Bw	1.1	1.3	3.6	1.4	0.6	0.2	0.0	0.0	0.0	2.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421.4	422.5	El	12.7	6.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	5.3	16.3	0.0	0.0	0.0	0.0	0.0	0.0
422.5	422.7	Cr	1.3	2.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0
422.7	423.0	El	0.0	2.5	3.2	0.5	0.7	0.0	0.0	0.0	0.0	0.0	1.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0
423.0	423.2	C/Bw	0.8	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0
423.2	423.2	Cr/Bw	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
423.2	423.5	C/Bw	1.8	1.2	1.9	1.9	1.0	0.1	0.0	0.0	0.0	0.0	4.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0
423.5	423.6	El	0.0	0.1	0.7	0.2	0.5	0.0	0.0	0.0	0.0	0.1	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
423.6	423.7	Cr	0.2	0.8	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0
423.7	424.0	El	0.7	1.2	2.2	2.3	0.5	0.0	0.0	0.0	0.0	3.3	2.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0
424.0	424.1	C/Bw	0.1	0.5	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7	0.4	0.4	0.0	0.0	0.0	0.0
424.1	424.2	Bw	0.0	0.7	0.5	0.0	0.3	0.4	0.2	0.2	0.0	0.0	0.0	0.1	0.3	0.5	0.4	0.8	0.2	0.0
424.2	424.4	Cr/Fpa	3.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
424.4	424.6	Fpm	2.7	1.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
424.6	425.0	Cr/El	0.5	1.1	3.6	2.1	1.2	0.0	0.0	0.0	0.0	0.9	1.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
425.0	425.4	El	0.0	0.0	0.3	3.0	4.9	1.3	0.0	0.0	0.0	3.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
425.4	425.9	El/Bw	0.0	0.0	0.0	0.0	2.7	4.1	2.8	0.0	0.0	9.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
425.9	426.3	C/Bw	2.6	3.5	0.6	1.4	0.2	0.0	0.0	0.0	0.0	1.5	0.0	1.1	5.5	0.0	0.0	0.0	0.0	0.0
426.3	426.4	Bw	0.5	0.6	0.1	0.4	0.3	0.1	0.1	0.2	0.0	0.0	0.5	1.0	0.8	0.0	0.0	0.0	0.0	0.0
426.4	426.9	C/Bw	0.9	1.3	1.1	0.4	1.9	2.9	3.1	0.0	0.0	0.6	1.4	6.4	3.2	0.0	0.0	0.0	0.0	0.0
426.9	427.2	El	0.0	0.0	0.1	0.8	3.3	0.7	0.1	0.0	0.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0
427.2	427.4	Cr/El	0.2	0.4	3.0	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.4	0.0	0.0	0.0	0.0	0.0
427.4	427.5	Cr	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
427.5	427.5	Cr/El	0.2	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
427.5	427.6	Cr	0.6	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
427.6	427.6	Fpc	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
427.6	427.7	Cr	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
427.7	427.7	Fpc	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
427.7	429.2	El	6.2	4.7	11.7	2.6	5.0	1.1	0.0	0.0	0.0	1.9	3.3	15.4	7.3	1.6	1.9	0.0	0.0	0.0
429.2	429.6	El/Bw	0.0	0.5	7.1	1.3	0.2	0.0	0.0	0.0	0.0	0.6	1.3	6.2	1.0	0.0	0.0	0.0	0.0	0.0
429.6	429.8	C/Bw	1.7	2.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	1.1	0.0	0.0	0.0	0.0	0.0
429.8	430.5	El	0.5	2.3	5.7	5.7	0.6	0.0	0.0	0.0	0.0	0.0	2.0	6.9	5.8	0.0	0.0	0.0	0.0	0.0
430.5	430.7	Cr	0.8	0.3	0.6	0.0	0.5	0.5	0.7	0.0	0.0	0.0	0.4	1.1	0.9	0.9	0.0	0.0	0.0	0.0
430.7	430.9	Cr/El	0.8	1.1	0.9	0.3	0.8	0.5	0.2	0.1	0.0	0.0	0.0	0.0	2.2	2.4	0.1	0.0	0.0	0.0
430.9	431.2	C/Bw	0.0	1.1	1.1	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.6	0.0	0.0	0.0	0.0	0.0
431.2	431.4	Cr/El	0.2	0.3	1.0	2.1	0.3	0.3	0.1	0.0	0.0	0.0	0.0	3.7	0.5	0.0	0.0	0.0	0.0	0.0
431.4	431.4	Cr	0.1	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
431.4	431.7	El	0.0	0.0	0.0	0.6	0.6	1.5	2.6	0.7	0.1	0.0	0.1	0.3	2.5	2.6	0.6	0.0	0.0	0.0
431.7	433.6	El/Bw	11.0	11.2	6.2	4.5	3.9	1.2	0.4	0.5	0.0	0.0	0.5	8.4	15.3	13.6	1.2	0.0	0.0	0.0
433.6	433.7	El	0.0	0.0	1.9	1.2	0.6	0.2	0.2	0.0	0.0	0.0	0.0	0.0	1.6	2.6	0.0	0.0	0.0	0.0
433.7	433.8	El/Bw	0.1	0.4	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.0	0.0	0.0
433.8	434.0	El	0.2	0.7	1.3	0.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.6	0.0	0.0	0.0
434.0	434.3	El/Bw	0.0	0.4	4.0	1.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.3	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
434.3	434.5	El	1.2	0.9	0.3	0.3	0.7	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	2.4	1.4	0.0	0.0	0.0
434.5	435.0	El/Bw	3.9	4.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	3.9	1.8	0.0	0.0	0.0	0.0
435.0	435.1	El	1.1	0.4	0.6	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	1.5	0.0	0.0	0.0	0.0
435.1	435.3	El/Bw	0.7	0.8	0.5	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0
435.3	435.6	El	0.6	2.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9	2.4	0.4	0.0	0.0	0.0	0.0	0.0
435.6	435.7	El/Bw	3.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.7	0.0	0.0	0.0	0.0
435.7	435.8	El	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
435.8	435.9	El/Bw	0.1	0.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0
435.9	436.1	El	0.0	0.4	3.3	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	5.2	0.0	0.0	0.0	0.0
436.1	436.5	El/Bw	0.0	1.4	4.9	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.9	3.1	0.0	0.0	0.0
436.5	436.7	El	1.6	1.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.0	1.1	0.0	0.0	0.0
436.7	437.5	El/Bw	0.0	3.7	9.2	3.4	0.6	0.1	0.0	0.0	0.0	1.5	3.5	10.9	1.1	0.0	0.0	0.0	0.0	0.0
437.5	437.7	El	0.0	0.0	2.9	3.0	0.1	0.0	0.0	0.0	0.0	0.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
437.7	438.6	Cr	10.6	4.5	5.5	0.7	0.2	0.0	0.0	0.0	0.0	15.2	5.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
438.6	438.7	Fpc	0.4	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
438.7	438.7	Cr	0.7	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
438.7	439.2	El	0.0	0.0	0.9	5.3	1.2	2.3	0.4	0.2	0.0	6.0	4.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
439.2	440.5	El/Bw	1.5	2.1	2.9	13.0	7.7	0.1	0.0	0.0	0.0	1.5	7.5	17.3	1.0	0.0	0.0	0.0	0.0	0.0
440.5	441.1	El	1.2	1.4	2.9	3.6	3.6	0.1	0.0	0.0	0.0	0.0	0.0	6.8	4.2	1.7	0.0	0.0	0.0	0.0
441.1	441.8	El/Bw	1.2	1.6	2.3	2.0	6.0	2.1	0.0	0.0	0.0	0.7	4.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0
441.8	442.1	El	0.0	0.4	1.3	2.4	1.5	0.1	0.0	0.0	0.0	2.7	1.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0
442.1	442.1	Cr	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442.1	442.1	Cr/El	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442.1	442.2	Cr	0.5	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442.2	442.3	Cr/El	0.6	0.5	0.6	0.4	0.2	0.2	0.0	0.0	0.0	0.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442.3	442.7	El	0.0	0.0	1.2	0.5	2.4	3.8	0.2	0.0	0.0	0.0	5.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0
442.7	443.0	El/Bw	0.7	1.0	1.6	1.6	1.3	0.1	0.2	0.8	0.0	0.1	1.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0
443.0	443.5	El	0.1	0.8	1.3	1.1	2.3	3.1	2.2	0.0	0.0	5.0	3.5	0.9	1.5	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
443.5	443.6	Cr/Fpt	0.0	0.7	0.3	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
443.6	444.2	O/Fpm	9.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
444.2	444.2	Fpa-f/Fpa-c	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
444.2	444.3	Fpm	1.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
444.3	445.0	Fpa-f/Fpa-c	13.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445.0	445.4	Fpm-c/Fpm-c	6.7	1.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445.4	445.6	Cr/Fpt	2.5	0.3	0.2	0.0	0.1	0.0	0.1	0.0	0.0	2.9	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
445.6	445.8	Cr	0.1	1.9	3.3	0.0	0.1	0.0	0.0	0.0	0.0	4.2	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
445.8	446.3	El	0.1	1.0	1.2	3.1	3.4	0.5	0.2	0.0	0.0	1.3	2.7	2.7	2.4	0.4	0.0	0.0	0.0	0.0
446.3	446.6	El/Bw	0.0	0.0	0.0	0.0	1.8	2.0	2.9	0.0	0.0	0.0	0.1	2.3	4.5	0.0	0.0	0.0	0.0	0.0
446.6	447.0	C/Bw	0.4	0.5	1.7	0.8	1.6	2.2	1.5	0.1	0.0	1.3	3.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0
447.0	447.8	El	0.5	0.6	3.4	1.6	2.1	2.1	6.6	0.4	0.0	4.2	6.0	3.8	2.1	1.2	0.0	0.0	0.0	0.0
447.8	448.1	C/Bw	0.1	1.1	1.4	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.0	0.0	0.0	0.0	0.0
448.1	448.5	El	0.6	0.4	0.8	1.4	4.5	1.9	0.0	0.0	0.0	0.1	0.6	3.8	5.0	0.0	0.0	0.0	0.0	0.0
448.5	448.8	Cr	1.3	1.7	3.1	1.3	0.0	0.0	0.0	0.0	0.0	0.8	3.1	3.4	0.2	0.0	0.0	0.0	0.0	0.0
448.8	448.9	Fpc	0.8	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
448.9	448.9	Cr/El	0.0	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
448.9	449.1	El/Bw	0.0	0.0	0.0	0.0	0.1	1.1	1.7	0.0	0.0	0.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.1	449.2	El	0.0	0.0	0.0	0.4	1.8	0.8	0.0	0.0	0.0	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.2	450.0	El/Bw	2.7	6.2	7.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	4.4	7.4	5.7	0.0	0.0	0.0	0.0
450.0	450.3	C/Bw	2.4	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	2.6	0.0	0.0	0.0	0.0
450.3	451.7	El/Bw	12.4	9.8	4.0	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3	8.8	2.4	0.3	0.0
451.7	452.6	C/Bw	3.2	7.2	7.2	1.0	2.5	0.8	0.0	0.0	0.0	13.5	3.0	3.2	0.4	0.9	0.2	0.8	0.0	0.0
452.6	453.1	El	0.0	0.1	0.2	3.8	4.0	1.6	0.6	0.8	0.0	5.8	3.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0
453.1	453.2	Ht+Fpc	0.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
453.2	453.4	El	0.0	0.0	0.6	2.5	2.0	0.2	0.0	0.0	0.0	3.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
453.4	454.0	El/Bw	0.0	0.0	0.0	0.1	3.9	4.1	3.2	0.1	0.0	5.7	3.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0
454.0	454.4	C/Bw	0.0	0.5	1.2	1.6	4.3	1.1	0.6	0.1	0.0	2.5	1.3	5.0	0.6	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
454.4	454.5	El/Bw	0.0	0.0	0.0	0.0	0.9	1.5	0.3	0.0	0.0	0.3	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
454.5	454.9	C/Bw	0.0	0.0	0.7	4.2	2.3	0.5	0.6	0.0	0.0	3.3	4.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
454.9	455.2	El/Bw	0.0	0.0	0.0	0.2	5.1	0.8	0.3	0.0	0.0	3.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
455.2	455.4	El	0.0	0.0	0.0	0.9	3.4	1.2	0.1	0.0	0.0	2.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
455.4	455.5	Bw	0.0	0.0	0.0	0.6	0.2	0.0	0.1	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
455.5	455.8	Ht	1.7	1.4	1.3	1.0	1.1	0.1	0.4	0.0	0.2	4.5	1.6	1.1	0.1	0.0	0.0	0.0	0.0	0.0
455.8	456.1	Cr	1.7	3.1	2.7	0.3	0.4	0.3	0.0	0.3	0.2	2.5	4.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
456.1	456.2	C/El	0.0	0.2	0.0	0.0	0.8	1.0	0.0	0.1	0.0	0.9	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
456.2	456.3	El	0.0	0.0	0.0	0.0	0.6	1.5	0.2	0.0	0.0	0.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
456.3	456.4	C/El	0.0	0.0	0.0	0.8	1.1	0.0	0.0	0.0	0.0	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
456.4	456.8	El/Bw	0.0	0.0	0.0	0.3	1.8	4.0	1.2	0.0	0.0	0.6	3.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0
456.8	457.0	C/Bw	1.1	1.1	1.3	0.3	1.2	0.1	0.0	0.0	0.0	0.6	2.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
457.0	457.1	El/Bw	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
457.1	457.3	C/Bw	2.0	1.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
457.3	457.5	El	0.0	0.1	2.9	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.1	0.0	0.0	0.0	0.0	0.0
457.5	458.3	C/Bw	1.1	4.7	7.1	3.6	1.1	0.0	0.0	0.0	0.0	4.8	3.5	2.5	4.1	2.7	0.0	0.0	0.0	0.0
458.3	458.7	El	0.6	2.6	2.9	0.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.3	4.9	1.8	0.0	0.0	0.0
458.7	459.1	C/Bw	1.1	1.8	5.1	2.0	0.1	0.0	0.0	0.0	0.0	5.1	1.5	1.4	2.1	0.0	0.0	0.0	0.0	0.0
459.1	459.3	El	0.4	0.8	0.8	1.2	0.5	0.1	0.1	0.0	0.0	0.0	0.0	1.2	2.0	0.5	0.0	0.0	0.0	0.0
459.3	459.6	C/Bw	3.6	1.9	1.4	0.7	0.3	0.0	0.0	0.0	0.0	0.7	1.6	5.3	0.4	0.0	0.0	0.0	0.0	0.0
459.6	460.1	El	2.9	2.3	2.7	0.7	1.4	0.3	0.0	0.0	0.0	0.8	0.7	2.2	1.5	3.7	1.5	0.0	0.0	0.0
460.1	462.7	C/Bw	12.0	16.7	20.5	4.0	2.0	1.8	1.2	0.0	0.0	8.0	10.5	27.1	7.5	5.2	0.0	0.0	0.0	0.0
462.7	463.1	El	0.0	0.0	0.1	0.1	1.3	4.5	1.5	0.0	0.0	5.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
463.1	463.2	Cr/El	0.0	0.2	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.7	1.2	0.5	0.0	0.0	0.0	0.0	0.0
463.2	463.3	Cr	0.0	0.4	2.1	0.1	0.0	0.0	0.0	0.0	0.0	1.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
463.3	463.4	Fpc	0.1	0.2	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
463.4	463.4	Cr	0.0	1.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
463.4	463.6	Cr/El	0.0	0.0	2.2	1.2	0.0	0.0	0.0	0.0	0.0	2.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
463.6	464.2	El	0.3	0.6	1.6	1.9	6.3	3.0	0.6	0.0	0.0	0.5	1.7	7.3	2.4	2.4	0.0	0.0	0.0	0.0
464.2	465.2	Cr/El	3.9	11.6	4.0	0.1	0.0	0.0	0.0	0.0	0.0	3.1	7.9	8.3	0.4	0.0	0.0	0.0	0.0	0.0
465.2	465.3	Cr	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
465.3	465.5	Cr/El	3.4	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
465.5	465.8	El	3.6	2.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.5	0.0	0.0	0.0	0.0	0.0	0.0
465.8	465.9	Cr/El	0.0	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
465.9	467.2	Cr	23.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
467.2	467.6	Ff-f	6.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
467.6	467.7	Cr	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
467.7	467.7	Fpc	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
467.7	467.8	Ff-f	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
467.8	467.9	Cr	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
467.9	468.4	Fpm-f/Fpm-c	5.0	2.2	1.6	0.5	0.1	0.3	0.1	0.0	0.0	8.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468.4	468.8	Fpa	8.7	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468.8	469.0	Cr/Fpa	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469.0	469.0	Elf	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469.0	469.2	Cr/Fpa	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469.2	469.3	Fpc	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469.3	469.4	Cr/Fpa	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469.4	470.0	Elf	10.2	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	11.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
470.0	470.1	O/Elf	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
470.1	470.2	Elf	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
470.2	470.3	O/Elf	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
470.3	471.1	Elf	13.8	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
471.1	471.1	O/Elf	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
471.1	472.1	Elf	15.1	5.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	14.0	6.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
472.1	472.2	Fpc	0.2	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
472.2	472.4	Elf	1.4	1.9	1.1	0.1	0.2	0.0	0.0	0.0	0.0	1.6	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acres of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
472.4	472.6	El/Fpt	3.7	2.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
472.6	473.2	El	3.9	4.2	2.8	1.3	0.4	0.0	0.0	0.0	0.0	2.2	2.0	5.9	2.6	0.0	0.0	0.0	0.0	0.0
473.2	473.4	Ff-f	1.6	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0
473.4	474.0	El	4.3	2.2	2.7	2.3	0.3	0.1	0.1	0.0	0.0	0.3	0.6	4.8	6.4	0.0	0.0	0.0	0.0	0.0
474.0	474.0	El/Bw	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.1	0.0	0.0	0.0	0.1	1.2	0.0	0.0	0.0	0.0
474.0	475.5	Fpm-f/Fpm-c	26.5	5.2	1.6	0.3	0.4	0.2	0.1	0.0	0.0	33.0	1.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0
475.5	475.9	Fpa-f/Fpa-c	5.7	1.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	8.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.9	476.6	Elf	11.3	2.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	13.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
476.6	476.6	O/Elf	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
476.6	477.6	Elf	13.0	5.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	15.9	3.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
477.6	477.6	O/Elf	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
477.6	478.3	Elf	7.0	3.9	1.5	0.6	0.3	0.0	0.0	0.0	0.0	9.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.3	478.3	O/Elf	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.3	478.3	Elf	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.3	478.4	O/Elf	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.4	478.8	Elf	8.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.8	478.9	O/Elf	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.9	478.9	W	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.9	478.9	O/Elf	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.9	479.9	Elf	16.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
479.9	479.9	O/Elf	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
479.9	480.4	Elf	5.4	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
480.4	480.5	O	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
480.5	480.6	Elf	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
480.6	480.8	O/Elf	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
480.8	480.9	Elf	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
480.9	480.9	O/Elf	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
480.9	481.1	Elf	3.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
481.1	481.2	O/Elf	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.2	481.5	Elf	4.1	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.5	481.6	Fpc	0.9	0.8	0.3	0.2	0.3	0.0	0.0	0.0	0.0	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.6	481.6	Elf	0.2	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.6	481.7	O/Elf	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.7	481.8	O	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.8	481.8	O/Elf	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.8	481.8	O	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.8	481.8	O/Elf	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.8	481.9	O	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.9	482.2	O/Elf	5.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
482.2	483.9	Elf	26.1	9.5	1.0	0.2	0.0	0.0	0.0	0.0	0.0	28.3	6.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
483.9	483.9	El	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
483.9	484.1	Elf	3.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
484.1	484.2	Fpc	0.2	0.0	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
484.2	484.5	Elf	6.3	1.0	0.5	0.2	0.0	0.5	0.1	0.0	0.0	5.4	3.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
484.5	484.6	Fpc	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
484.6	485.0	Fpa-f/Fpa-c	7.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
485.0	485.1	El	2.0	0.6	0.0	0.2	0.1	0.0	0.2	0.0	0.0	1.7	0.1	0.5	0.8	0.0	0.0	0.0	0.0	0.0
485.1	485.9	Fpa-f/Fpa-c	15.4	1.0	1.2	0.2	0.2	0.0	0.0	0.0	0.0	16.9	0.2	0.2	0.2	0.5	0.0	0.0	0.0	0.0
485.9	485.9	El	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
485.9	485.9	El/Bw	0.2	0.1	0.2	0.3	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	0.0	0.0
485.9	486.3	Elf	6.1	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.4	0.2	0.9	0.0	0.0	0.0	0.0	0.0
486.3	486.4	Fpa-f/Fpa-c	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
486.4	486.6	Elf	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
486.6	486.8	Fpa-f/Fpa-c	4.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
486.8	487.6	Elf	14.6	3.2	0.0	0.1	0.1	0.0	0.0	0.1	0.1	13.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
487.6	487.7	O/Elf	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acres of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
487.7	488.4	Elf	10.5	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
488.4	488.5	O/Elf	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
488.5	489.4	Elf	10.3	9.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	10.5	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
489.4	489.5	Fpc	0.2	0.1	0.4	0.3	0.3	0.0	0.1	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
489.5	489.5	Elf	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
489.5	489.6	O/Elf	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
489.6	489.7	Elf	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0
489.7	489.8	Fpc	0.3	0.2	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
489.8	491.8	Elf	23.5	11.2	6.3	0.9	0.1	0.0	0.0	0.0	0.0	16.5	19.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0
491.8	491.9	Cr	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
491.9	491.9	Elf	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
491.9	492.2	Cr	4.7	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.2	492.3	Ell	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.3	492.3	Cr	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.3	492.6	Ell	3.0	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
492.6	492.6	Cr	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.6	492.7	Ell	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
492.7	493.6	Cr	8.9	8.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	17.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
493.6	493.8	El	2.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
493.8	494.0	Cr	2.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
494.0	494.4	El	4.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	6.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
494.4	494.4	Cr/El	0.6	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0
494.4	494.5	Cr+Fpc	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
494.5	494.8	Cr	2.1	2.9	0.9	0.2	0.0	0.0	0.0	0.0	0.0	5.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
494.8	495.5	El	3.5	6.6	5.7	0.3	0.6	0.1	0.0	0.0	0.0	6.3	7.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0
495.5	495.7	El/Bw	0.0	1.4	2.4	1.0	1.5	0.0	0.0	0.0	0.0	1.6	3.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
495.7	495.9	El	0.0	0.0	0.1	0.9	3.2	0.0	0.0	0.0	0.0	1.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
495.9	496.9	Cr	14.4	6.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	14.1	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
496.9	497.0	Fpm	1.0	0.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.0	497.1	Cr	1.4	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.1	497.1	Ell	0.7	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.1	498.1	Cr	9.7	9.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	15.0	4.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
498.1	498.6	El	2.3	1.8	2.6	2.4	0.8	0.1	0.0	0.0	0.0	0.0	0.8	1.7	0.5	2.9	3.8	0.2	0.0	0.0
498.6	498.7	Fpc	1.9	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
498.7	498.8	Cr	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.8	498.9	Fpc	1.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
498.9	499.9	Cr	2.9	13.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	10.3	4.4	3.5	0.0	0.0	0.0	0.0	0.0
499.9	500.4	El	0.0	0.1	0.9	2.2	2.3	2.3	1.6	0.0	0.0	1.2	1.7	5.8	0.3	0.3	0.0	0.0	0.0	0.0
500.4	500.6	El/Bw	0.3	0.9	1.4	1.0	0.9	0.3	0.0	0.0	0.0	0.3	0.6	0.7	0.7	1.0	1.5	0.0	0.0	0.0
500.6	501.2	El	0.4	0.5	0.4	1.0	4.6	2.7	2.6	0.1	0.0	0.0	0.3	1.9	1.0	1.8	2.4	5.0	0.0	0.0
501.2	501.2	Cr	0.2	0.4	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	0.0
501.2	501.4	El/Bw	0.6	0.3	1.2	0.7	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.0	0.1	0.0
501.4	501.6	El	0.0	0.0	0.0	0.7	0.7	0.6	0.6	0.4	0.0	0.0	0.0	0.1	0.2	1.6	1.1	0.0	0.0	0.0
501.6	501.6	Cr	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
501.6	501.7	Fpa-f/Fpa-c	1.9	1.8	0.1	0.1	0.0	0.1	0.1	0.0	0.0	3.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
501.7	501.9	Fpm-f/Fpm-c	2.6	1.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
501.9	502.1	Fpm-c	2.6	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
502.1	502.8	Fpm-f/Fpm-c	8.4	4.3	2.9	0.1	0.0	0.0	0.0	0.0	0.0	15.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
502.8	503.3	Fpa-f/Fpa-c	6.3	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
503.3	504.6	Cr	24.5	4.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	24.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
504.6	504.7	Cr/El	0.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
504.7	504.7	El	0.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
504.7	504.7	Cr/El	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
504.7	504.8	El	1.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
504.8	504.8	Cr/El	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
504.8	504.9	El	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
504.9	504.9	Cr/EI	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
504.9	505.0	EI	0.6	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
505.0	505.1	Cr/EI	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
505.1	505.3	EI	1.4	1.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
505.3	505.3	Cr/EI	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
505.3	505.5	EI	1.8	0.9	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0
505.5	505.5	Cr/EI	0.1	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
505.5	505.6	EI	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
505.6	505.7	Cr/EI	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
505.7	505.9	Cr	3.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0
505.9	506.1	Fpm	2.7	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
506.1	506.3	Cr	3.3	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
506.3	506.3	Fpm	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
506.3	507.1	Cr	14.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	14.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.1	507.3	EII	2.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.3	507.3	Cr	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.3	507.4	EII	1.1	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.4	507.6	Cr	1.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.6	507.7	Cr/EI	0.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.7	507.9	EI/Bw	2.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.9	508.3	Cr	3.4	3.0	3.2	0.1	0.0	0.0	0.0	0.0	0.0	6.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
508.3	508.5	Cr/EI	0.4	2.4	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.1	1.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0
508.5	508.6	Cr	0.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0
508.6	509.3	Cr/EI	3.9	5.3	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	2.8	0.0	0.0	0.0	0.0	0.0
509.3	509.3	EI	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0
509.3	509.4	Cr/EI	0.1	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.4	0.0	0.0	0.0	0.0
509.4	510.4	EI	9.8	5.1	4.4	1.4	0.1	0.0	0.0	0.0	0.0	7.8	4.5	7.9	0.6	0.0	0.0	0.0	0.0	0.0
510.4	510.5	Cr/EI	2.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
510.5	511.0	El	1.2	1.8	4.0	3.0	0.0	0.0	0.0	0.0	0.0	3.1	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
511.0	511.0	Cr	0.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
511.0	511.2	Cr/El	1.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
511.2	511.6	El	0.5	2.0	3.2	0.6	0.5	0.3	0.2	0.0	0.0	0.0	2.9	2.1	1.3	1.1	0.0	0.0	0.0	0.0
511.6	511.6	Cr/El	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
511.6	511.6	Cr	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
511.6	511.6	Fpc	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
511.6	512.2	El	1.7	3.2	4.1	1.6	0.8	0.0	0.1	0.0	0.0	0.1	1.1	2.9	4.0	3.4	0.0	0.0	0.0	0.0
512.2	512.4	Cr/El	0.7	1.7	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.0	1.0	0.0	0.0	0.0	0.0
512.4	512.5	Cr	1.0	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.5	0.4	0.0	0.0	0.0	0.0	0.0
512.5	512.9	El	1.3	1.1	4.8	0.9	0.9	0.1	0.0	0.1	0.2	2.1	5.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0
512.9	512.9	Cr/El	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
512.9	513.0	Ff-f	0.1	0.7	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
513.0	513.0	Fpc	0.3	0.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.0	513.3	Cr/El	0.0	0.2	3.8	0.7	0.1	0.2	0.2	0.0	0.0	1.3	1.2	2.0	0.5	0.2	0.0	0.0	0.0	0.0
513.3	513.5	El	2.7	1.4	1.2	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.8	3.6	0.7	0.0	0.0
513.5	513.6	Cr/El	0.5	0.4	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.5	0.5	0.0	0.0	0.0	0.0	0.0
513.6	514.0	El	0.0	0.1	1.9	2.2	2.0	0.5	0.2	0.0	0.0	0.0	0.6	1.0	2.3	2.1	0.7	0.0	0.0	0.0
514.0	514.1	El/Bw	0.4	0.4	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.0	0.6	0.1	0.0	0.0	0.0	0.0
514.1	514.3	El	0.0	0.0	0.8	2.3	0.3	0.0	0.0	0.0	0.0	0.3	0.7	1.8	0.6	0.0	0.0	0.0	0.0	0.0
514.3	514.3	Cr	0.1	0.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
514.3	514.7	El	3.6	3.5	1.1	0.2	0.1	0.1	0.3	0.2	0.0	0.0	0.5	1.1	0.6	2.1	2.1	2.8	0.0	0.0
514.7	514.7	Cr	0.0	0.3	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
514.7	515.3	Cr/El	3.8	4.2	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	7.7	2.9	0.0	0.0	0.0	0.0
515.3	515.6	El	0.6	0.6	2.0	1.5	1.6	0.6	1.1	0.0	0.0	0.9	1.2	1.0	1.7	1.0	0.9	1.2	0.0	0.0
515.6	515.7	Fpc	0.2	0.8	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0
515.7	515.7	Cr/El	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
515.7	515.8	Fpc	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
515.8	515.9	El	0.1	0.1	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.0	0.0	0.0	0.0	0.0
515.9	516.1	Cr/El	1.8	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.2	2.9	0.0	0.0	0.0	0.0
516.1	516.5	Cr	3.7	3.1	2.0	0.1	0.4	0.0	0.0	0.0	0.0	1.2	2.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0
516.5	516.5	Fpc	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
516.5	516.6	Ff-f	0.7	0.6	0.4	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
516.6	516.9	Fpc	1.4	4.3	2.0	0.0	0.0	0.2	0.0	0.0	0.0	3.5	1.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0
516.9	517.0	El	0.1	0.1	0.5	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.8	0.6	0.0	0.0	0.0	0.0
517.0	517.0	Fpc	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0
517.0	517.4	El	1.8	1.2	3.5	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.7	2.4	2.9	0.0	0.0
517.4	517.4	Cr	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
517.4	517.9	El	1.5	3.1	3.5	0.9	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.9	1.1	3.0	4.4	0.3	0.0	0.0
517.9	517.9	Cr	0.3	0.2	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
517.9	518.0	El	0.0	0.0	0.0	0.0	0.0	0.5	2.0	0.0	0.0	0.8	0.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0
518.0	518.6	El/Bw	1.7	1.2	3.1	1.9	1.4	1.1	1.1	0.2	0.0	0.7	0.5	1.6	0.3	4.4	1.5	2.8	0.0	0.0
518.6	518.6	El	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.3	0.0	0.0	0.0	0.1	0.7	0.6	0.0	0.0	0.0	0.0
518.6	518.7	Fpc	0.3	0.3	0.0	0.1	0.2	0.3	0.1	0.0	0.0	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0
518.7	518.7	El	0.0	0.1	0.1	0.2	0.1	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.5	0.0
518.7	518.9	El/Bw	0.0	0.0	0.5	0.2	0.6	1.0	0.5	0.0	0.0	0.2	0.2	0.9	0.4	0.2	0.1	0.6	0.1	0.0
518.9	518.9	El	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0
518.9	518.9	Fpc	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
518.9	519.1	El	1.0	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	1.1	1.2	0.0	0.0	0.0	0.0
519.1	519.1	El/Bw	0.4	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
519.1	519.7	El	4.5	3.2	5.3	0.6	0.3	0.4	0.2	0.1	0.2	0.5	0.3	7.7	4.3	2.0	0.0	0.0	0.0	0.0
519.7	519.8	Fpc	0.3	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0
519.8	520.2	El	0.9	4.5	2.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	5.7	0.0	0.0	0.0	0.0	0.0
520.2	520.2	Cr	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0
520.2	520.4	Fpc	2.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.8	1.6	0.4	0.0	0.0	0.0	0.0	0.0
520.4	522.9	Es	8.5	11.1	13.6	6.0	5.6	3.1	3.1	2.3	0.2	20.0	18.0	7.6	2.6	2.6	1.1	1.3	0.1	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
522.9	523.0	H	1.5	0.9	0.6	0.0	0.2	0.1	0.1	0.0	0.0	1.1	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
523.0	523.4	Es	3.6	3.3	1.3	0.1	0.2	0.0	0.0	0.0	0.0	2.1	3.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0
523.4	523.4	O/EI	1.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
523.4	523.6	Es	1.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0
523.6	523.9	EI	1.2	3.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
523.9	524.0	O/EI	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
524.0	524.4	EI	5.4	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0
524.4	524.8	EII	8.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
524.8	524.9	EI	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
524.9	525.2	EII	6.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	5.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
525.2	525.2	Fpc	0.5	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
525.2	526.1	EII	15.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
526.1	526.2	Fpm-f	3.2	0.3	0.1	0.2	0.1	0.0	0.0	0.0	0.0	1.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
526.2	527.0	Fpa-f	16.2	0.8	0.0	0.2	0.1	0.0	0.0	0.0	0.0	16.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
527.0	528.1	EII/Fpa-f	18.8	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
528.1	529.4	Fpa-f/Fpa-c	24.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
529.4	530.4	EII/Fpa-f	20.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
530.4	534.0	Fpa-f/Fpa-c	71.2	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	72.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.0	534.1	O/Fpa-f	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.1	534.3	Fpa-f/Fpa-c	3.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.3	534.5	O/Fpa-f	1.3	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.5	535.1	Fpa-f/Fpa-c	12.6	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	13.2	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
535.1	535.5	EI	0.0	4.6	0.5	0.5	0.9	0.3	0.7	0.0	0.0	1.5	2.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0
535.5	536.4	EI/Bw	1.5	2.6	1.7	2.2	7.0	3.4	1.8	0.0	0.0	5.6	5.4	7.8	1.4	0.0	0.0	0.0	0.0	0.0
536.4	537.1	EI/Bw	1.7	2.0	4.8	1.2	2.1	2.0	0.3	0.0	0.0	4.3	6.2	3.1	0.6	0.0	0.0	0.0	0.0	0.0
537.1	537.3	EI/Bw	0.2	0.1	0.4	1.6	3.2	0.8	0.0	0.0	0.0	1.7	2.8	0.9	1.0	0.0	0.0	0.0	0.0	0.0
537.3	537.4	EI/Bw	0.1	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0
537.4	537.6	Bu	0.0	0.0	0.1	1.1	0.6	0.7	0.7	1.0	0.0	1.2	1.4	1.0	0.5	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
537.6	537.6	El/Bw	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
537.6	537.8	Fpa-f/Fpa-c	1.9	1.6	1.0	0.5	0.1	0.0	0.0	0.0	0.0	1.4	0.3	0.8	1.0	1.5	0.0	0.0	0.0	0.0
537.8	537.9	Fpt	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
537.9	538.0	Fpm-c	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
538.0	538.0	Fpt	0.8	0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
538.0	538.2	Fpm-c	2.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
538.2	539.4	El/GFo-Do	24.8	3.6	1.0	0.0	0.0	0.0	0.0	0.2	0.0	29.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
539.4	539.9	El/GFo-Do	7.4	2.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	10.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
539.9	540.2	EsD	2.3	1.4	1.4	0.6	0.2	0.1	0.0	0.0	0.0	3.1	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
540.2	543.1	El/GFo-Do	53.5	5.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	58.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543.1	543.8	EsD	11.3	2.6	0.7	0.3	0.1	0.0	0.0	0.0	0.0	13.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543.8	546.3	El/GFo-Do	47.8	2.7	0.5	0.3	0.3	0.0	0.0	0.0	0.0	51.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
546.3	546.3	Gt-De	0.5	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
546.3	546.7	El/GFo-Do	6.6	2.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.7	1.8	0.7	0.0	0.0	0.0	0.0
546.7	547.5	Gt-De	9.5	3.6	1.4	1.0	0.0	0.5	0.0	0.0	0.0	9.6	0.7	2.6	2.4	0.7	0.0	0.0	0.0	0.0
547.5	548.0	El/GFo-Do	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
548.0	548.2	El/GFo	6.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
548.2	552.0	El/GFo-Do	62.0	14.0	2.7	0.1	0.0	0.0	0.0	0.0	0.0	77.1	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
552.0	554.3	Gt-De	19.1	21.5	7.8	1.5	0.8	0.2	0.3	0.0	0.0	12.5	20.5	17.7	0.5	0.0	0.0	0.0	0.0	0.0
554.3	554.7	El/GFo-De	3.6	3.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	7.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
554.7	554.9	Gt-De	4.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
554.9	557.5	El/GFo-De	48.9	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	51.4	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
557.5	557.6	El/Fpc	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
557.6	562.8	El/GFo-Do+Fpc/GFo-Do	96.1	20.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	106.9	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
562.8	564.4	El/GFo-De	35.1	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	33.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
564.4	564.6	El/GFo-Do	2.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
564.6	564.8	Fpc/GFo-De	1.4	1.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	1.5	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
564.8	564.9	Es	1.1	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
564.9	565.1	Fpc/GFo-De	3.2	0.8	1.3	0.2	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
565.1	566.9	El/GFo-Do	25.7	12.0	3.9	0.2	0.0	0.0	0.0	0.0	0.0	37.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
566.9	568.8	Es	35.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	36.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
568.8	574.0	El/GFo-Do	106.7	8.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	110.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
574.0	574.9	Es	15.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
574.9	575.7	Fpt	14.6	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	15.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.7	575.8	Fpa-f/Fpa-c	2.2	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.8	576.2	Fpb-c	6.4	1.5	0.4	0.0	0.1	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.2	576.4	Fpa-f/Fpa-c	5.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.4	578.7	Fpt	36.5	7.3	2.4	0.3	0.0	0.2	0.0	0.0	0.0	45.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.7	580.2	El/GFo-Do	30.1	4.9	0.8	0.0	0.0	0.1	0.0	0.0	0.0	34.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.2	580.3	Fpt	2.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
580.3	580.7	Fpb-f/Fpb-c	4.8	1.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0
580.7	581.1	Fpt	6.6	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	5.5	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
581.1	582.5	El/GFo-Do	28.8	4.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	4.0	14.1	15.3	0.0	0.0	0.0	0.0	0.0	0.0
582.5	584.8	Gt-Do	10.5	16.0	13.7	4.8	3.8	2.1	0.3	0.0	0.0	13.3	18.6	12.7	4.5	2.1	0.0	0.0	0.0	0.0
584.8	584.9	W	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	0.0
584.9	587.4	Gt-Do	10.7	14.3	15.6	5.8	6.8	2.3	1.6	0.0	0.0	9.2	14.7	20.6	8.1	4.1	0.3	0.0	0.0	0.0
587.4	587.6	El/Gt-Do	2.6	1.9	1.2	0.6	0.0	0.0	0.0	0.0	0.0	1.3	2.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0
587.6	587.8	Ell	0.9	1.6	1.1	0.4	0.0	0.0	0.0	0.0	0.0	1.1	1.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
587.8	587.9	El/Gt-Do	1.0	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
587.9	588.0	O/Gt-Do	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
588.0	588.3	El/Gt-Do	2.0	1.9	1.3	0.8	0.8	0.0	0.2	0.0	0.2	1.4	3.6	1.8	0.0	0.4	0.0	0.0	0.0	0.0
588.3	588.4	Fpb-c	6.0	3.2	0.0	0.0	0.0	0.1	0.0	0.0	0.1	8.7	0.3	0.1	0.1	0.2	0.0	0.0	0.0	0.0
588.4	588.7	Gt-Do	1.5	2.6	1.1	1.0	1.0	0.6	0.3	0.4	0.1	0.8	3.5	3.2	0.8	0.5	0.0	0.0	0.0	0.0
588.7	590.7	GFo-Do	38.5	7.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	43.1	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
590.7	590.9	Fpc	2.3	1.5	0.7	0.2	0.2	0.0	0.0	0.0	0.0	4.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
590.9	591.8	GFo-Do	17.2	3.0	0.7	0.1	0.1	0.0	0.0	0.0	0.0	20.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
591.8	592.0	C+F	3.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
592.0	593.1	Fpt	19.9	2.8	1.2	0.3	0.3	0.0	0.0	0.0	0.0	21.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
593.1	593.3	C+F	4.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
593.3	593.4	Fpt	2.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
593.4	594.3	C+F	10.6	6.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0
594.3	594.3	Fpt	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
594.3	594.7	Ff	5.3	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
594.7	596.3	C	22.5	11.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.9	29.9	2.7	0.0	0.0	0.0	0.0	0.0
596.3	596.5	Ff	2.8	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0
596.5	597.4	C	12.0	6.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	3.2	0.2	16.0	0.0	0.0	0.0	0.0	0.0	0.0
597.4	597.6	Ff	2.6	1.3	1.3	0.1	0.0	0.1	0.0	0.3	0.0	5.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
597.6	599.3	Bw+C/Bw	16.1	15.3	8.4	2.3	0.5	0.3	0.0	0.0	0.0	2.5	11.6	16.5	10.7	1.6	0.0	0.0	0.0	0.0
599.3	599.7	C	3.2	3.1	2.7	0.1	0.5	0.2	0.0	0.0	0.0	0.0	1.7	7.8	0.2	0.0	0.0	0.0	0.0	0.0
599.7	599.8	Fpc	1.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
599.8	600.5	GFo	11.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	5.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0
600.5	601.1	C	11.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
601.1	601.4	Ff	3.1	3.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
601.4	601.4	C	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0
601.4	601.5	O/GFo	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
601.5	601.9	C	9.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0
601.9	601.9	GFo	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
601.9	602.0	C	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
602.0	602.6	Ff	9.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
602.6	602.8	O/GFo	4.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
602.8	603.5	C	13.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.5	603.6	Cr	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
603.6	603.7	O/GFo	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.7	603.8	Cr	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.8	603.8	O/GFo	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.8	604.0	Cr	2.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
604.0	604.4	Ff	7.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
604.4	605.1	C	12.9	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	7.5	7.0	0.0	0.0	0.0	0.0	0.0	0.0
605.1	605.4	C/Bw	0.1	0.6	2.2	0.9	1.1	0.4	0.0	0.0	0.0	2.7	0.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0
605.4	605.9	C	1.8	1.9	3.5	2.0	1.0	0.6	0.5	0.2	0.0	0.3	0.4	1.9	4.0	3.0	1.0	1.0	0.0	0.0
605.9	606.5	C/Bw	0.4	1.1	1.5	1.2	4.5	1.5	2.2	0.1	0.0	0.7	4.2	1.5	1.0	2.9	2.0	0.2	0.0	0.0
606.5	607.3	Fpa-s	14.8	3.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
607.3	607.5	Ct	2.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.8	0.3	1.4	0.2	0.0	0.0	0.0
607.5	607.6	Bu+C/Bu	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0
607.6	607.6	Ct	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
607.6	607.7	Bu+C/Bu	1.0	1.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.8	0.4	0.0
607.7	608.0	Ct	2.7	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.3	0.5	0.0	0.0	0.0	0.0
608.0	608.4	GFo-Do	7.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
608.4	608.7	Ff-c	2.2	4.0	1.1	0.2	0.4	0.3	0.0	0.0	0.0	1.0	5.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
608.7	609.0	Bu+C/Bu	0.1	0.0	0.5	0.3	1.2	1.1	2.5	1.0	0.0	0.0	0.0	1.2	0.4	1.0	0.8	3.4	0.0	0.0
609.0	609.1	Ff-c	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0
609.1	609.4	Bu+C/Bu	0.7	2.0	2.0	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.4	0.8	0.7	3.4	1.0	0.0
609.4	609.5	Ff-c	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0
609.5	610.1	Bu+C/Bu	2.5	2.8	3.3	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	3.9	1.4	1.4	0.9	2.3	2.1	0.0
610.1	610.1	Ct	0.0	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
610.1	610.4	Fpm-f/Fpm-c	2.4	1.8	1.4	0.6	0.0	0.0	0.0	0.0	0.0	2.2	2.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0
610.4	611.7	GFo-Do	28.7	1.9	0.7	0.3	0.0	0.0	0.2	0.0	0.0	29.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
611.7	611.9	Fpm	3.2	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
611.9	614.8	GFo-Do	61.8	3.8	0.4	0.7	0.5	0.2	0.2	0.0	0.0	62.6	2.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0
614.8	615.5	Fpb-c	12.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
615.5	616.9	GFo-Do	27.5	3.9	1.1	0.3	0.0	0.4	0.1	0.1	0.0	27.3	2.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0
616.9	617.0	Cr	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
617.0	617.1	Gt-De	0.5	1.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.7	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
617.1	617.2	Cr	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
617.2	617.4	Cr/Gt-De	2.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
617.4	617.5	Cr	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
617.5	617.5	Cr/Gt-De	0.1	0.1	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
617.5	618.0	Gt-De	1.2	4.1	4.4	1.2	0.1	0.0	0.0	0.0	0.0	3.5	4.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0
618.0	618.1	Cr/Gt-De	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
618.1	618.3	Gt-De	0.0	1.7	2.0	0.4	0.1	0.0	0.0	0.0	0.0	3.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
618.3	618.3	Cr/Gt-De	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
618.3	618.8	Gt-De	3.6	4.3	2.9	0.5	0.3	0.0	0.0	0.0	0.0	6.2	4.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
618.8	619.0	Cr/Gt-De	3.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
619.0	619.1	Gt-De	0.5	0.5	0.8	1.0	0.4	0.4	0.0	0.0	0.0	0.3	0.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
619.1	619.2	Cr/Gt-De	0.3	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
619.2	619.5	Gt-De	1.0	2.4	2.9	1.7	0.6	0.0	0.0	0.0	0.0	3.0	2.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0
619.5	619.5	Cr/Gt-Do	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.5	619.6	Gt-De	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.6	619.6	Cr/Gt-Do	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.6	619.8	Gt-De	1.1	1.1	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.5	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0
619.8	621.1	Gt-Do	6.3	7.7	7.0	3.6	1.5	0.5	0.9	0.6	0.7	5.5	10.9	8.7	1.9	0.5	0.2	0.8	0.0	0.0
621.1	621.2	Fpb-f/Fpb-c	2.7	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
621.2	621.6	Fpb-c	18.0	2.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	20.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
621.6	621.7	Bw	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.6	0.3	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
621.7	621.8	Gt-Do	0.3	1.2	0.9	0.6	0.5	0.4	0.4	1.1	0.3	0.0	1.3	1.7	2.0	0.7	0.0	0.0	0.0	0.0
621.8	622.4	GFo-Do	4.9	5.2	0.9	0.3	0.7	0.0	0.2	0.0	0.0	11.5	0.1	0.3	0.1	0.2	0.0	0.0	0.0	0.0
622.4	622.5	Cr/GFo-Do+Ff-f/GFo-	0.2	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.3	1.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
		Do																		
622.5	623.5	Gt-Do	4.0	4.8	6.7	3.3	1.8	0.9	0.5	0.0	0.0	3.1	6.0	10.3	1.8	0.9	0.0	0.0	0.0	0.0
623.5	624.5	Gf-Do	13.2	9.1	1.3	0.2	0.4	0.0	0.0	0.0	0.0	7.8	15.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0
624.5	626.7	Ff-c	46.2	7.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	46.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
626.7	626.7	Fp	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
626.7	626.8	Ff-c	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
626.8	626.8	Fp	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
626.8	626.9	Ff-c	1.6	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
626.9	626.9	Fp	0.2	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
626.9	627.9	Ff-c	12.9	4.5	3.4	0.4	0.6	0.6	0.5	0.2	0.0	1.1	18.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0
627.9	627.9	Fp	0.2	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
627.9	629.1	Ff-c	15.1	10.1	3.2	0.5	0.0	0.2	0.0	0.0	0.0	0.0	14.6	14.4	0.0	0.0	0.0	0.0	0.0	0.0
629.1	629.4	Ff/Fp-c	3.3	3.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
629.4	629.8	Ff-c	2.6	6.2	3.1	0.3	0.1	0.0	0.0	0.0	0.0	1.7	0.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0
629.8	629.9	Fp	0.2	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
629.9	630.1	Ff-c	2.2	2.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.1	0.0	0.0	0.0	0.0	0.0
630.1	630.2	Fp	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
630.2	630.3	Ff-c	0.2	2.6	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
630.3	630.3	Fp	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
630.3	630.9	Gf-De	4.5	4.0	5.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.1	10.5	0.7	0.0	0.0	0.0	0.0	0.0
630.9	630.9	Fp	0.4	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
630.9	632.1	Gf-De	15.3	11.4	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	10.2	19.6	0.0	0.0	0.0	0.0	0.0	0.0
632.1	632.8	Ff/Gf-De	8.1	7.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	5.9	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
632.8	634.1	Gt-De	5.7	10.3	6.6	2.3	2.8	1.0	0.5	0.0	0.0	7.7	13.8	6.5	1.3	0.0	0.0	0.0	0.0	0.0
634.1	634.1	Gf-De	0.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
634.1	634.4	Gf-De	2.9	2.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
634.4	634.7	Gf-De	2.5	3.9	1.0	0.3	0.3	0.0	0.0	0.2	0.0	3.1	4.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0
634.7	634.8	Gt-De	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
634.8	634.9	Fpb-c	0.7	1.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
634.9	634.9	Ff-c	0.2	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0
634.9	635.6	Gt-De	3.3	6.3	2.2	1.7	1.2	0.7	0.8	0.0	0.0	1.5	6.6	6.4	1.3	0.3	0.0	0.0	0.0	0.0
635.6	636.2	Cr/Ff-c	6.8	4.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5	8.2	0.0	0.0	0.0	0.0	0.0
636.2	636.3	Ff-c	1.7	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.2	0.0	0.0	0.0	0.0	0.0
636.3	636.4	Cr/Ff-c	0.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	0.0	0.0	0.0	0.0	0.0
636.4	636.9	Ff-c	5.4	4.7	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	7.5	3.1	0.0	0.0	0.0	0.0
636.9	637.0	Fp	0.6	0.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.9	0.0	0.0	0.0	0.0
637.0	637.8	Ff-c	1.7	3.8	9.2	4.1	1.4	0.0	0.1	0.0	0.0	0.7	2.0	10.8	4.9	2.0	0.0	0.0	0.0	0.0
637.8	637.9	Cr/Ff-c	1.5	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
637.9	638.6	Ff-c	7.5	5.5	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	3.7	1.2	0.0	0.0	0.0	0.0
638.6	638.9	Cr/Ff-c	2.4	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	4.1	0.8	0.0	0.0	0.0	0.0	0.0
638.9	639.4	Cl	2.2	5.7	2.9	1.4	0.1	0.0	0.0	0.0	0.0	0.1	2.7	8.2	1.2	0.0	0.0	0.0	0.0	0.0
639.4	639.7	Cr/Ff-c	5.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
639.7	640.9	Ff-f/Ff-c	27.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
640.9	641.4	Ff-c	9.2	1.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
641.4	641.4	O/Ff-c	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
641.4	641.5	Ff-c	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
641.5	641.9	O/Ff-c	6.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
641.9	641.9	Ff-c	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
641.9	642.0	O/Ff-c	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
642.0	642.1	Ff-c	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
642.1	642.3	O/Ff-c	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
642.3	657.4	Ff-c	295.0	42.2	3.2	0.1	0.0	0.0	0.0	0.0	0.0	339.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
657.4	659.5	Fpa-f/Ff-c	37.1	2.1	1.4	0.8	0.3	0.0	0.0	0.0	0.0	40.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.5	660.0	Fpm-f/Ff-c	9.5	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
660.0	660.0	Fpm	0.3	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
660.0	660.3	Fpm-f/Ff-c	4.7	0.5	0.1	0.0	0.2	0.0	0.1	0.0	0.1	5.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
660.3	662.3	Ff-c	39.8	5.6	1.8	0.1	0.4	0.1	0.3	0.0	0.0	43.6	1.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0
662.3	663.4	Fpa/Ff-c	21.5	2.6	1.4	0.1	0.0	0.0	0.0	0.0	0.0	22.0	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
663.4	663.6	O/Ff	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
663.6	663.9	El/Fpa-f	7.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
663.9	665.2	Fpm-f/Fpm-c	20.1	3.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	24.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.2	665.6	O/Fpm	8.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
665.6	666.0	Fpm-f/Fpm-c	5.9	2.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	8.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
666.0	666.1	Fpm-c	2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0
666.1	666.2	B	0.0	0.1	0.2	0.3	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.8	0.5	0.0	0.0	0.0
666.2	666.6	El/Bw	1.2	2.4	2.8	1.1	1.9	0.3	0.0	0.0	0.0	0.0	0.0	1.1	5.1	3.4	0.0	0.0	0.0	0.0
666.6	666.7	Es/Bw	1.8	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.6	0.6	1.1	0.0	0.0	0.0	0.0
666.7	667.0	Esd	2.2	1.9	1.9	0.1	0.0	0.0	0.2	0.0	0.0	0.0	2.3	2.9	1.1	0.0	0.0	0.0	0.0	0.0
667.0	667.0	Cr	0.3	0.3	0.3	0.1	0.2	0.0	0.2	0.0	0.0	0.1	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0
667.0	667.2	Esd	0.6	2.5	1.0	0.1	0.2	0.1	0.0	0.0	0.0	0.1	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
667.2	667.5	El/Bw	0.7	0.8	0.8	0.2	0.9	0.9	1.3	0.0	0.0	0.0	0.1	0.4	0.2	0.3	0.5	4.0	0.0	0.0
667.5	669.4	Esd	3.3	8.8	10.2	6.7	6.9	4.1	3.3	0.8	0.0	7.9	11.0	12.9	6.0	5.6	0.5	0.1	0.0	0.0
669.4	670.0	Es/Bw	1.8	1.6	3.3	1.7	2.4	1.8	0.9	0.1	0.0	3.2	1.3	3.2	3.0	1.5	1.3	0.0	0.0	0.0
670.0	670.4	Esd	0.6	3.7	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.8	3.3	0.0	0.0	0.0	0.0	0.0
670.4	670.5	Cr-s	0.4	1.4	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.0	0.0	0.0	0.0	0.0	0.0
670.5	670.5	Esd	0.3	0.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0
670.5	670.7	Cr-s	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0
670.7	670.8	Esd	0.9	1.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.8	0.8	0.0	0.0	0.0
670.8	670.9	Es/Bw	0.9	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.9	0.0	0.0	0.0	0.0
670.9	671.5	Esd	1.8	3.2	3.1	2.1	1.0	0.9	0.1	0.5	0.0	2.5	5.5	3.6	1.1	0.0	0.0	0.0	0.0	0.0
671.5	671.5	Cr-s	0.1	0.6	0.3	0.2	0.1	0.2	0.1	0.0	0.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.5	672.8	Esd	6.2	6.7	7.4	3.3	2.1	0.9	1.5	0.3	0.0	6.7	7.6	12.0	1.8	0.3	0.0	0.0	0.0	0.0
672.8	672.9	Cr-s	1.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
672.9	673.1	Esd	0.5	0.0	0.8	0.5	0.9	0.1	1.1	0.0	0.0	2.0	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
673.1	673.5	Ess/Bw	0.4	1.6	2.6	1.9	3.4	0.8	0.1	0.0	0.0	5.8	4.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
673.5	673.8	Esd	1.3	1.5	1.3	0.8	0.6	0.5	0.0	0.0	0.0	0.0	0.8	2.4	2.8	0.0	0.0	0.0	0.0	0.0
673.8	673.9	Cr-s	0.2	0.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0
673.9	674.1	Esd	4.0	1.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.2	3.0	0.0	0.0	0.0	0.0	0.0
674.1	674.2	Cr-s	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
674.2	674.2	Es	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
674.2	674.3	Esd	0.3	0.3	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
674.3	674.3	Cr-s	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
674.3	674.4	Esd	0.0	0.4	1.2	0.5	0.3	0.0	0.0	0.0	0.0	0.3	0.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0
674.4	674.5	Es	0.0	0.1	0.6	0.2	1.2	0.3	0.3	0.0	0.0	0.5	1.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
674.5	674.8	Ess/Bw	0.1	0.7	1.4	3.2	1.3	0.0	0.0	0.0	0.0	3.1	2.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0
674.8	675.0	Cr-s	0.1	0.2	0.9	1.6	0.3	0.2	0.0	0.0	0.0	1.3	0.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
675.0	675.2	Es	0.7	1.2	1.9	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	1.6	2.0	1.3	0.0	0.0	0.0	0.0
675.2	675.2	Cr-s	0.4	0.8	0.1	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.3	0.3	0.4	0.0	0.0
675.2	675.8	Ess/Bw	1.0	2.8	2.8	1.8	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.8	0.6	0.7	1.4	7.6	0.0	0.0
675.8	675.9	Cr-s	0.4	0.1	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
675.9	676.0	Es	1.6	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.6	1.4	0.4	0.0	0.1	0.0	0.0	0.0	0.0
676.0	676.1	Bw	0.1	0.0	0.1	0.2	0.5	0.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.6	0.0	0.0
676.1	676.2	Es	1.6	0.2	0.3	1.1	0.7	0.0	0.0	0.0	0.0	0.0	1.7	1.4	0.3	0.5	0.0	0.0	0.0	0.0
676.2	676.5	Cr-s	4.0	2.1	0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
676.5	676.5	Ess/Bw	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
676.5	676.6	Bw	0.0	0.0	0.0	0.0	0.1	1.5	0.4	0.0	0.0	0.9	0.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0
676.6	677.4	Ess/Bw	1.0	1.1	3.3	2.6	1.6	2.4	1.9	1.4	0.5	4.5	2.0	3.8	2.5	3.1	0.0	0.0	0.0	0.0
677.4	677.5	Cr-s	2.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
677.5	677.8	Ess/Bw	1.1	1.3	1.9	0.9	2.1	0.6	0.1	0.0	0.0	0.3	0.3	0.5	0.0	0.8	2.1	2.5	1.6	0.0
677.8	677.9	Cr-s	0.3	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0
677.9	678.0	Bu	0.1	0.0	0.4	0.2	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.3	0.0	0.0
678.0	678.0	Ess/Bw	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.2	0.1	0.1	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
678.0	678.1	Bu	0.1	0.8	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
678.1	678.4	Ess/Bw	1.5	0.7	1.7	0.5	0.8	0.5	0.5	0.0	0.0	0.0	0.0	0.2	0.7	1.0	1.3	3.0	0.0	0.0
678.4	678.5	Esd	0.1	0.5	0.8	0.1	0.0	0.4	0.1	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.5	678.5	Cr-s	0.0	1.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
678.5	679.1	Ess/Bw	0.8	1.2	0.8	1.6	5.0	1.5	1.2	0.5	0.3	4.8	2.5	1.4	0.5	3.0	0.7	0.0	0.0	0.0
679.1	679.4	Es	0.0	2.1	1.8	0.7	0.2	0.0	0.0	0.0	0.0	0.3	1.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0
679.4	679.5	Cr-s	0.3	0.7	0.6	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.8	1.1	0.1	0.1	0.0	0.0	0.0	0.0
679.5	679.7	Ess/Bw	0.9	1.4	1.0	0.9	0.6	0.8	0.5	0.1	0.0	0.0	0.0	0.3	1.0	2.2	2.6	0.0	0.0	0.0
679.7	679.8	Cr-s	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
679.8	679.8	Fpc/Bw	0.1	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
679.8	679.8	Cr-s	0.0	0.1	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.5	0.0	0.0	0.0	0.0	0.0
679.8	680.2	Ess/Bw	0.8	0.9	1.0	1.1	2.0	1.1	0.2	0.0	0.0	1.2	2.1	2.1	1.7	0.0	0.0	0.0	0.0	0.0
680.2	680.2	Cr-s	0.2	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0
680.2	680.9	Ess/Bw	1.4	2.2	6.7	3.7	1.8	0.0	0.0	0.0	0.0	0.0	7.1	2.0	0.8	5.9	0.0	0.0	0.0	0.0
680.9	681.0	Es	0.1	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
681.0	681.2	Cr-s	2.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
681.2	681.5	Esd	3.0	2.0	1.5	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.9	4.2	1.2	1.8	0.0	0.0	0.0	0.0
681.5	681.6	Cr-s/Es	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
681.6	681.7	Esd	0.1	1.1	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
681.7	681.7	Cr-s	0.0	0.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
681.7	681.9	Es	1.5	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0
681.9	681.9	Cr-s	0.6	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
681.9	682.2	Esd	1.7	1.4	1.3	0.6	0.9	0.0	0.0	0.0	0.0	2.3	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
682.2	682.2	Es	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
682.2	682.4	Cr-s/Es	3.2	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.1	0.0	0.0	0.0	0.0	0.0
682.4	682.6	Es	1.6	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
682.6	682.6	Cr-s	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
682.6	682.7	Es	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
682.7	682.7	Ess/Bw	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
682.7	683.0	Bw	0.4	1.7	2.7	0.3	0.5	0.3	0.1	0.1	0.0	0.0	0.2	3.1	2.1	0.7	0.0	0.0	0.0	0.0
683.0	683.1	Ess/Bw	0.1	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0
683.1	683.4	Bw	2.8	2.0	1.7	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.7	1.0	2.8	0.0	0.0
683.4	683.5	Es/Bu	0.6	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
683.5	683.5	Cr-s/Es	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
683.5	683.6	Cr-s	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
683.6	683.7	Cr/Es	0.5	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	0.6	0.0	0.0	0.0	0.0	0.0
683.7	683.9	Ess/Bw	0.2	0.4	1.1	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.2	0.8	1.0	0.0	0.0
683.9	683.9	Bw	0.7	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.6	0.0	0.0
683.9	684.2	Ess/Bw	0.8	2.1	2.2	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.4	1.5	0.0	0.0
684.2	684.3	Bw	0.8	1.7	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.0	0.4	0.0	0.0	0.0	0.0
684.3	684.4	Cr-s/Es	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
684.4	684.5	Ess/Bw	0.0	0.1	0.3	1.0	0.8	0.5	1.2	0.1	0.0	0.3	1.3	1.5	0.2	0.7	0.1	0.0	0.0	0.0
684.5	684.9	Cr/Es	0.9	4.1	3.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	7.4	1.2	0.0	0.0	0.0	0.0	0.0
684.9	685.5	Ess/Bw	0.7	1.8	4.4	2.5	3.1	1.0	0.3	0.0	0.0	1.7	4.0	4.7	2.9	0.7	0.0	0.0	0.0	0.0
685.5	685.7	Esd	0.1	2.3	0.6	0.3	0.2	0.0	0.0	0.0	0.0	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
685.7	685.7	Cr-s	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
685.7	685.9	Esd	3.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
685.9	686.0	Cr-s	0.3	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
686.0	686.1	Es/Fpt	0.3	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
686.1	686.4	Esd	0.5	1.1	3.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	1.6	0.6	0.3	1.8	2.9	0.0	0.0	0.0
686.4	687.0	Ess/Bw	1.9	4.0	5.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.0	8.8	0.0	0.0	0.0
687.0	687.1	Ff/Es	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.3	0.0	0.0	0.0	0.0
687.1	687.1	Es	0.0	0.0	0.1	0.1	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0
687.1	687.4	Ess/Bw	0.0	0.5	1.7	2.2	0.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	5.3	0.0	0.0	0.0
687.4	687.6	Es	0.0	0.4	2.6	0.6	0.4	0.4	0.9	0.0	0.0	2.8	1.1	1.0	0.0	0.3	0.0	0.0	0.0	0.0
687.6	687.7	Cr-s	0.0	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
687.7	688.0	Es	3.5	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0
688.0	688.5	Es/Bw	3.1	2.4	1.9	0.9	1.6	1.2	0.6	0.8	0.0	0.0	0.5	5.0	3.9	2.7	0.3	0.0	0.0	0.0
688.5	688.6	Es	0.0	0.3	0.3	0.9	0.3	0.2	0.3	0.0	0.0	0.9	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
688.6	688.6	Esd	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
688.6	688.6	Fpc	0.0	0.1	0.4	0.0	0.2	0.0	0.0	0.4	0.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
688.6	688.8	Esd	0.3	1.1	0.9	0.1	0.0	0.3	0.3	0.0	0.0	2.6	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
688.8	689.0	Es/Fpt	0.9	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
689.0	689.5	Esd	3.8	2.5	3.3	1.2	0.5	0.3	0.0	0.0	0.0	6.4	5.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
689.5	689.6	Es	0.0	0.0	0.7	0.5	0.6	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
689.6	689.7	Es/Bw	1.6	0.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	2.7	0.0	0.0	0.0	0.0
689.7	690.5	Esd	3.0	3.9	3.8	2.2	1.9	0.9	1.4	0.6	2.2	3.9	5.1	7.3	2.7	0.9	0.0	0.0	0.0	0.0
690.5	690.6	Cr-s	0.4	0.5	0.8	0.6	1.2	0.5	0.5	0.3	0.3	0.7	1.4	2.4	0.6	0.0	0.0	0.0	0.0	0.0
690.6	690.8	Esd	0.0	0.1	0.4	0.1	0.8	0.2	0.6	0.4	0.3	0.0	0.2	0.8	1.1	0.8	0.0	0.0	0.0	0.0
690.8	691.1	Es	0.1	0.0	0.1	0.7	2.0	2.0	1.9	0.1	0.0	2.0	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
691.1	692.9	Es/Bw	6.8	10.4	10.9	4.7	3.5	0.2	0.0	0.0	0.0	21.8	11.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0
692.9	693.0	Es/Bw	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0
693.0	695.0	Es/Bw	1.2	4.6	14.2	11.0	5.9	2.3	0.7	0.0	0.0	16.5	16.3	4.3	2.8	0.0	0.0	0.0	0.0	0.0
695.0	695.5	Es	3.7	4.4	1.7	0.8	0.2	0.0	0.2	0.1	0.0	4.2	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.5	695.5	Fpc/Es	0.0	0.0	0.3	0.1	0.2	0.2	0.3	0.0	0.0	0.1	0.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0
695.5	695.7	Es	2.6	1.3	0.5	0.0	0.2	0.0	0.3	0.0	0.0	0.0	1.1	1.9	0.8	0.8	0.0	0.0	0.0	0.0
695.7	696.2	Es/Bw	3.1	4.3	3.5	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.2	5.3	3.5	0.0	0.0
696.2	696.5	Es	2.6	2.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.4	1.9	2.0	0.4	0.0	0.0	0.0	0.0
696.5	696.6	Cr-s/Es	0.1	0.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0
696.6	697.7	Es/Bw	2.4	1.7	3.7	6.2	5.7	3.2	0.5	0.1	0.0	3.3	8.2	7.0	3.2	1.7	0.0	0.0	0.0	0.0
697.7	697.7	Es	0.0	0.5	0.8	0.3	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
697.7	698.0	Cr-s	2.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
698.0	698.0	Fpc	1.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
698.0	698.1	Cr-s	0.4	1.2	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
698.1	699.7	Es/Bw	10.1	4.2	3.7	2.1	4.9	3.0	1.6	1.9	1.9	6.5	9.6	7.2	4.5	2.7	2.6	0.2	0.0	0.0
699.7	700.0	Es	0.3	2.4	1.6	0.7	0.6	0.0	0.0	0.0	0.0	1.4	1.3	1.9	1.0	0.0	0.0	0.0	0.0	0.0
700.0	700.0	Cr-s	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
700.0	700.0	Es	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0
700.0	700.1	Fpc	1.7	0.1	0.2	0.3	0.1	0.1	0.1	0.0	0.0	1.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
700.1	700.4	Es	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700.4	700.5	Hf	0.1	0.3	1.5	0.1	0.1	0.0	0.0	0.0	0.0	1.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700.5	700.8	Bw	0.7	3.2	2.9	0.3	0.2	0.2	0.0	0.0	0.0	0.2	0.8	1.8	1.3	3.1	0.4	0.0	0.0	0.0
700.8	701.0	Es/Bw	1.6	1.2	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.3	0.3	0.0	0.0	0.0	0.0
701.0	701.4	Es	2.4	3.4	0.9	0.3	0.1	0.0	0.0	0.0	0.0	4.9	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
701.4	701.5	Cr-s	0.8	2.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	1.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
701.5	701.6	Es	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0
701.6	701.7	Cr-s	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
701.7	701.8	Es	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
701.8	702.6	Cr-s	1.5	8.8	4.7	0.4	0.6	0.0	0.0	0.0	0.0	7.9	6.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
702.6	702.7	Es	0.0	0.0	0.0	0.0	0.8	0.3	1.0	0.2	0.0	0.0	0.1	0.5	0.9	0.9	0.0	0.0	0.0	0.0
702.7	703.3	Es/Bw	1.4	3.8	5.7	0.5	0.6	0.4	1.2	0.3	0.0	1.6	3.5	3.4	4.6	0.9	0.0	0.0	0.0	0.0
703.3	703.4	Es/Bw	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
703.4	704.5	Es/Bw	3.5	4.6	12.1	2.5	1.0	0.0	0.0	0.0	0.0	11.2	9.5	1.3	1.8	0.0	0.0	0.0	0.0	0.0
704.5	704.6	Bw	0.1	0.3	1.1	1.8	0.0	0.0	0.0	0.0	0.0	0.3	1.2	1.7	0.1	0.0	0.0	0.0	0.0	0.0
704.6	704.7	Es/Bw	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704.7	704.7	Bw	0.0	0.0	0.7	1.0	0.1	0.0	0.0	0.0	0.0	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
704.7	704.7	Es/Bw	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704.7	704.8	Cr-s/Es	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704.8	704.9	Es/Bw	1.0	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704.9	704.9	Cr-s/Es	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704.9	705.0	Cr-s	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
705.0	705.1	Es/Bw	0.0	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.6	0.1	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
705.1	705.2	Bw	0.0	0.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.6	0.0	0.0	0.0	0.0
705.2	705.2	Es/Bw	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0
705.2	705.4	Cr-s/Es	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
705.4	705.6	Es/Bw	2.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	2.4	1.0	0.1	0.0	0.0	0.0
705.6	705.7	Cr-s/Es	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0
705.7	705.7	Es/Bw	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0
705.7	705.8	Bw	0.0	0.3	0.1	0.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.2	1.2	0.0	0.0	0.0
705.8	706.8	Es/Bw	2.9	4.1	6.4	4.5	2.6	0.7	0.1	0.0	0.0	4.5	3.1	4.5	6.2	2.9	0.2	0.0	0.0	0.0
706.8	706.9	Esd	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
706.9	707.4	Es/Bw	1.2	6.0	2.3	0.3	0.7	0.0	0.0	0.0	0.0	7.5	1.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0
707.4	707.8	Esd	2.2	4.5	0.9	0.1	0.2	0.1	0.0	0.0	0.0	1.8	3.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
707.8	707.9	Cr-s/Es	0.0	0.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0
707.9	708.2	Esd	4.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0
708.2	708.2	Fpc/Cr-s	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
708.2	708.4	Esd	1.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.7	0.0	0.0	0.0	0.0	0.0
708.4	708.5	Bw	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.3	0.0	0.0	0.0	0.0
708.5	708.6	Es/Bw	0.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.1	0.0	0.0	0.0
708.6	708.6	Bw	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0
708.6	708.8	Es/Bw	0.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	0.3	0.0	0.0	0.0
708.8	709.3	Es	8.0	1.7	1.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.7	3.9	4.9	0.0	0.0	0.0	0.0	0.0
709.3	709.3	Cr-s	0.9	0.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
709.3	709.4	Es	0.4	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	2.0	0.1	0.0	0.0	0.0	0.0	0.0
709.4	709.8	Es/Bw	2.1	2.7	1.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	5.1	0.5	0.0	0.0	0.0
709.8	709.9	Bw	1.0	2.3	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.9	0.7	0.0	0.0	0.0
709.9	710.1	Es/Bw	1.4	2.0	0.9	0.2	0.0	0.0	0.2	0.0	0.0	0.6	0.7	3.4	0.2	0.0	0.0	0.0	0.0	0.0
710.1	710.2	Cr-s	1.4	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
710.2	710.3	Es	0.0	1.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
710.3	710.7	Es/Bw	1.7	2.3	3.3	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.5	4.0	1.4	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
710.7	710.7	Es	0.2	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0
710.7	710.8	Cr-s	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
710.8	710.8	Es	0.4	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0
710.8	711.1	Es/Bw	0.8	0.7	1.9	1.0	0.8	0.9	0.5	0.0	0.0	0.0	0.4	3.3	1.2	1.9	0.0	0.0	0.0	0.0
711.1	711.4	Es	0.6	2.6	1.5	0.1	0.2	0.0	0.0	0.0	0.0	0.4	0.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0
711.4	711.4	Fpc/Es	0.4	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
711.4	711.8	Es	2.5	3.1	1.2	0.7	1.0	0.2	0.1	0.0	0.0	0.0	1.1	6.5	1.2	0.0	0.0	0.0	0.0	0.0
711.8	711.8	Cr-s	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
711.8	711.9	Fpc/Cr-s	0.9	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
711.9	711.9	Cr-s	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
711.9	712.0	Es	0.0	0.3	0.5	0.5	0.6	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.3	0.0	0.0	0.0	0.0	0.0
712.0	713.3	Es/Bw	4.1	7.9	8.1	1.2	2.8	2.1	0.5	0.0	0.0	6.2	5.5	5.3	6.6	3.1	0.0	0.0	0.0	0.0
713.3	713.3	Esd	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9	0.0	0.0	0.0	0.0	0.0
713.3	713.6	Es	0.0	0.0	3.4	3.8	0.0	0.0	0.0	0.0	0.0	0.0	4.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
713.6	713.7	Esd	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
713.7	713.7	Cr-s	0.3	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
713.7	713.9	Es/Bw	0.3	1.3	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.4	0.8	1.5	0.0	0.0	0.0	0.0	0.0
713.9	714.1	Esd	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.9	1.0	0.0	0.0	0.0	0.0
714.1	714.5	Cr-s/Es	8.5	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	3.1	5.0	1.0	0.0	0.0	0.0	0.0
714.5	714.6	Esd	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0
714.6	714.8	Cr-s/Es	2.2	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0
714.8	715.1	Esd	3.1	2.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.9	0.2	0.0	0.0	0.0	0.0	0.0
715.1	715.1	Es/Bw	0.5	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
715.1	715.3	Esd	1.3	1.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0	2.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
715.3	715.4	Es	1.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
715.4	715.5	Esd	0.6	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	0.0	0.0	0.0	0.0
715.5	715.6	Es	0.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0
715.6	715.6	Esd	0.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
715.6	715.7	Es	0.4	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
715.7	716.1	Esd	5.0	2.1	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.4	0.0	0.0	0.0	0.0	0.0
716.1	716.2	Es	0.7	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
716.2	716.2	Esd	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
716.2	716.2	Es	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
716.2	717.3	Esd	12.1	9.5	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	8.8	13.5	2.7	0.0	0.0	0.0	0.0	0.0
717.3	717.4	Es	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
717.4	718.7	Esd	15.1	6.2	4.0	0.8	0.4	0.1	0.1	0.2	0.0	10.1	15.3	1.3	0.1	0.0	0.0	0.0	0.0	0.0
718.7	719.3	Fpt-s	12.4	0.5	0.0	0.1	0.0	0.1	0.0	0.0	0.0	12.3	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0
719.3	719.5	Fpa-s	2.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.5	719.5	Fpm-s	0.2	0.4	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.5	719.5	Fpa-s	0.1	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.5	719.5	W	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.5	719.7	Fpa-s	2.1	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719.7	720.1	Es/Fpt-s	6.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.1	720.3	Esd	2.2	1.5	0.6	0.4	0.0	0.1	0.1	0.0	0.0	0.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.3	720.4	Es	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.4	720.7	Esd	3.8	2.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.7	720.9	Es	1.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.9	721.0	Esd	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
721.0	721.4	Es	2.1	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
721.4	722.2	Esd	5.9	4.9	4.1	1.6	0.6	0.2	0.1	0.0	0.0	3.6	7.2	5.2	1.3	0.0	0.0	0.0	0.0	0.0
722.2	722.3	Cr-s/Es	1.1	0.7	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.2	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
722.3	722.4	Fpa-s/Es	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
722.4	722.8	Cr-s/Es	2.6	3.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	1.8	4.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
722.8	723.4	Esd	1.6	1.5	5.6	2.1	0.7	0.7	0.2	0.5	0.0	1.2	6.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0
723.4	723.4	Es	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
723.4	723.4	Fpa-s/Es	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
723.4	723.6	Es	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
723.6	724.1	Cr-s/Es	0.9	9.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
724.1	724.1	Esd	0.4	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
724.1	724.2	Cr-s/Es	0.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0
724.2	724.6	Esd	1.2	3.1	4.0	0.5	0.0	0.0	0.0	0.0	0.0	3.1	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
724.6	724.7	Cr-s	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
724.7	724.8	Fpa-s/Es	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
724.8	724.8	Cr-s	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
724.8	724.9	Esd	1.4	0.6	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.5	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
724.9	724.9	Fpa-s/Es	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
724.9	725.0	Esd	0.0	0.4	1.6	0.5	0.4	0.1	0.3	0.0	0.0	0.2	2.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
725.0	725.1	Es	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725.1	725.1	Esd	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725.1	725.2	Es	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725.2	725.2	Esd	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725.2	725.3	Es	0.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725.3	725.3	Esd	0.1	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0
725.3	725.5	Cr-s/Es	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0
725.5	726.0	Esd	1.2	2.2	5.5	0.8	0.6	0.4	0.0	0.0	0.0	3.2	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
726.0	726.1	Es	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
726.1	726.3	Esd	2.3	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
726.3	726.3	Es	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
726.3	726.4	Esd	0.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
726.4	726.5	Es	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
726.5	726.5	Fpa-s/Es	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
726.5	726.6	Es	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0
726.6	726.7	Esd	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
726.7	726.9	Es	1.4	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
726.9	727.2	Esd	2.3	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
727.2	727.2	Es	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
727.2	727.4	Esd	3.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
727.4	727.8	Cr-s/Es	3.6	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0
727.8	727.9	Es	1.4	0.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.6	0.7	0.0	0.0	0.0	0.0
727.9	728.3	Es/Bw	1.5	1.9	2.0	2.1	1.6	0.4	0.0	0.0	0.0	0.5	0.9	0.7	3.0	3.6	0.8	0.0	0.0	0.0
728.3	728.7	Esd	0.0	2.4	3.8	1.0	0.5	0.0	0.0	0.0	0.0	5.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
728.7	728.7	Es	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
728.7	728.8	Esd	0.4	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
728.8	729.1	Es	2.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.1	729.1	Esd	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.1	729.2	Es	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.2	729.4	Fpa-s/Es	3.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.4	729.4	Es	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.4	729.4	Esd	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.4	729.5	Es	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.5	729.5	Esd	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.5	729.6	Es	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.6	729.6	Esd	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.6	729.7	Es	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.7	729.9	Esd	3.2	0.6	0.8	0.4	0.5	0.0	0.0	0.0	0.0	3.2	1.4	0.7	0.3	0.0	0.0	0.0	0.0	0.0
729.9	730.0	Fpa-s/Es	0.1	0.1	0.6	0.1	0.3	0.3	0.0	0.0	0.0	0.1	0.3	1.0	0.2	0.0	0.0	0.0	0.0	0.0
730.0	730.2	Esd	1.2	2.1	1.1	0.3	0.3	0.0	0.0	0.0	0.0	0.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
730.2	730.4	Es	3.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
730.4	730.5	Esd	1.5	0.6	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.2	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
730.5	730.5	Fpa-s/Es	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
730.5	730.6	Esd	0.2	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
730.6	730.8	Es	3.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
730.8	731.0	Es	0.8	1.4	0.6	0.5	0.0	0.1	0.1	0.0	0.0	2.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
731.0	731.0	Fpa-s/Es	0.1	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
731.0	731.3	Es	0.0	0.5	3.0	1.3	2.1	0.0	0.0	0.0	0.0	3.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
731.3	731.7	Es/Bw	0.0	0.4	1.3	1.9	1.8	1.1	0.8	0.0	0.0	0.9	1.6	4.5	0.4	0.0	0.0	0.0	0.0	0.0
731.7	731.7	Es	0.0	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
731.7	731.8	Cr/Es	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
731.8	732.1	Es	0.5	3.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
732.1	732.2	Cr/Es	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
732.2	732.2	Fpa-s/Es	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
732.2	732.6	Cr	2.0	3.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	5.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
732.6	732.9	Cr/Es	0.0	0.0	2.2	0.8	1.1	0.1	0.0	0.0	0.0	0.0	2.8	1.2	0.3	0.0	0.0	0.0	0.0	0.0
732.9	733.4	Es/Bw	0.8	0.8	4.7	1.6	2.8	0.5	0.0	0.0	0.0	6.3	2.3	1.8	0.8	0.0	0.0	0.0	0.0	0.0
733.4	733.4	Es	0.0	0.0	0.0	0.5	0.6	0.4	0.5	0.0	0.0	0.0	0.0	1.4	0.5	0.0	0.0	0.0	0.0	0.0
733.4	733.8	Cr/Es	0.0	4.3	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0
733.8	733.9	Cr	0.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
733.9	734.2	Cr/Es	0.9	5.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0
734.2	734.4	Cr	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
734.4	734.5	Fpa-s/Es	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
734.5	734.5	Cr	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
734.5	735.0	Cr/Es	6.1	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.2	2.7	0.0	0.0	0.0	0.0	0.0
735.0	735.2	Es	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.5	0.0	0.0	0.0	0.0	0.0
735.2	735.2	Cr/Es	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0
735.2	735.5	Es	1.6	2.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	1.1	2.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0
735.5	735.5	Cr/Es	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735.5	735.5	Cr	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735.5	735.6	Fpa-s/Es	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735.6	735.7	Cr/Es	0.3	0.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735.7	735.9	Es	0.0	0.0	1.1	0.5	0.3	0.8	2.4	0.1	0.0	3.2	1.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
735.9	736.8	Es/Bw	1.0	2.0	2.3	4.3	6.1	0.9	1.6	0.0	0.0	1.8	1.6	2.8	2.1	7.6	1.6	0.8	0.0	0.0
736.8	737.0	Bw	1.2	0.7	0.8	1.0	0.7	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.5	1.6	1.3	0.0
737.0	737.4	Es/Bw	1.4	2.2	2.1	0.5	0.6	0.1	0.1	0.0	0.0	0.5	0.6	1.3	1.1	1.5	2.0	0.0	0.0	0.0
737.4	738.0	Bw	1.2	2.0	6.6	1.8	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.8	4.7	5.6	0.4	1.0	0.0	0.0
738.0	738.4	Es/Bw	0.0	0.7	4.3	3.0	0.8	0.0	0.0	0.0	0.0	3.1	3.0	2.4	0.3	0.0	0.0	0.0	0.0	0.0
738.4	738.7	Bw	0.1	0.1	4.4	2.3	0.6	0.0	0.0	0.0	0.0	3.3	3.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
738.7	738.8	Es	0.0	0.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
738.8	738.9	Cr	0.4	0.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
738.9	739.0	Cr/Fpl	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
739.0	739.1	Fpl	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
739.1	739.2	Es/Fpl	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
739.2	739.4	Fpl	3.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
739.4	739.4	Es/Fpl	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
739.4	739.7	Fpl	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
739.7	740.0	Fpm-s/Fpl	5.9	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740.0	740.2	Fpa/Fpl	4.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740.2	740.3	O/Fpl	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740.3	740.3	W	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740.3	740.3	O/Fpl	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740.3	740.8	Fpl	8.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740.8	741.0	Es/Fpl	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
741.0	741.4	Fpl	9.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
741.4	741.5	Fpm-f/Fpl	1.9	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	1.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
741.5	742.0	Fpl	11.1	0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	11.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.0	742.2	Es/Fpl	2.8	0.5	0.1	0.3	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.2	742.2	Fpl	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.2	742.4	Cr	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.4	742.6	Es/Fpl	3.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 7A-4

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Acreage of Longitudinal and Cross Slope Classes for all Terrain Units Crossed by the Alaska Mainline

AMP ^a		Terrain Unit Symbol ^b	Longitudinal Slope Gradient (percent) Class (acres) ^c									Cross Slope Gradient (percent) Class (acres) ^c								
Begin	End		0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50	0-<2	2-<5	5-<10	10-<14	14-<20	20-<25	25-<36	36-<50	≥ 50
742.6	742.6	Fpa-s/Es	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.6	742.7	Es/Fpl	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.7	742.7	Fpa-s/Es	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.7	743.4	Cr/Es	0.9	3.0	5.6	2.6	2.2	0.1	0.0	0.0	0.0	4.6	4.3	1.3	0.5	3.3	0.5	0.0	0.0	0.0
743.4	743.8	Es	2.0	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.4	1.0	0.0	0.0	0.0	0.0
743.8	743.9	Cr/Es	0.7	0.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
743.9	744.0	Es	1.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
744.0	744.3	Cr	4.0	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744.3	744.3	Cr/Es	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744.3	744.4	Es	0.0	0.4	1.8	0.1	0.2	0.1	0.0	0.0	0.0	0.0	1.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0
744.4	744.5	Es/Bw	0.0	0.0	0.0	0.1	0.5	0.8	0.3	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0
744.5	744.6	Bw	0.1	0.0	0.3	0.3	0.3	0.2	0.6	0.0	0.0	0.3	0.9	0.3	0.3	0.0	0.0	0.0	0.0	0.0
744.6	744.7	Es/Bw	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744.7	744.8	Es	0.1	1.9	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744.8	744.9	Fpa-s	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744.9	745.0	Cr/Es	0.4	1.5	0.7	0.2	0.4	0.3	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
745.0	745.1	Es/Bw	0.0	0.0	0.0	0.0	0.3	0.2	1.8	2.4	0.8	1.6	2.2	0.8	0.8	0.0	0.0	0.0	0.0	0.0

^a Beginning and ending mileposts (measured along the pipeline centerline) for terrain units crossed by the Alaska Mainline.

^b Terrain unit symbol as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.

^c Longitudinal and cross slope gradients determined as indicated and discussed in Sections 7.2.4, 7.3.7, and 7.5.1.3 of Resource Report 7. Data are provided as acreage within the construction footprint (right-of-way plus additional temporary workspace) and within the terrain unit polygon. Acreage data for right-of-way width was determined using Geographic Information System footprint that accurately depicts variable right-of-way footprint as described in Section 1.4 of Resource Report 1 and Appendices 1H and 1J.

TABLE 7A-5

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Cumulative Lengths (miles) and Selected Interpretative and Physical Data Associated
with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline

Total Miles ^a	Terrain Symbol ^b	Terrain Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness
1.487	Qat	Alluvial-Terrace Deposits	FINE_GR_OVER_GRAN_FREQ	ALLUVIAL_TU	High
2.101	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_FEW	ALLUVIAL_TU	High
2.752	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
3.985	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_FREQ	ALLUVIAL_TU	High
2.505	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_FREQ	ALLUVIAL_TU	High
0.137	Qfi/Qf	Mixture of Active and Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_FREQ	ALLUVIAL_TU	High
0.101	Qfi/Qfa	Mixture of Inactive and Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_FREQ	ALLUVIAL_TU	High
6.434	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
0.231	Qsd	Sand Dune Deposits	SAND	EOLIAN_TS	Moderate
10.383	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
3.917	Qso	Silt and Sand over outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
3.803	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
20.569	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High

^a Total Miles is the cumulative miles of the terrain unit crossed by the Revision 5 Version of the Point Thomson Gas Transmission Pipeline. Total miles sum to 58.4 miles

^b terrain unit symbol as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.

^c Full terrain unit name indicating surface geological components.

^d Ditch Soil group was based on the assumed textural characteristics of the subsurface layers of the terrain map unit that are consistent with the geologic description and assuming that the ditch would be excavated to a depth of 7 feet. _Gr = grained, _gran = coarse granular, _no, _few, and _freq = no, few, and frequent rocks cobbles and boulders can be expected, respectively.

^e Surface soil group was developed based on the texture and composition of the uppermost layer within the terrain unit. The TU and TS modifiers indicate "thaw-sensitive" and "thaw-stable" soils, respectively, based on estimated values for the texture and ice content.

^f Average Ice Rank is the estimate for the ice richness (none = 1, low = 2, moderate = 3, high = 4, very high = 5) for each terrain unit component, averaged for the terrain unit.

TABLE 7A-6

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline

PMP ^a		Terrain Unit ^b	terrain unit Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness ^f
Begin	End					
0.00	0.15	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
0.15	0.87	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
0.87	1.53	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
1.53	2.12	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
2.12	2.80	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
2.80	3.56	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
3.56	3.70	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
3.70	4.06	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
4.06	4.46	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
4.46	4.64	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
4.64	5.13	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
5.13	5.63	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
5.63	5.92	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
5.92	6.03	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
6.03	6.63	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
6.63	7.60	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
7.60	8.38	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
8.38	8.61	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
8.61	8.69	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
8.69	8.79	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
8.79	8.91	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
8.91	9.09	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
9.09	9.21	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
9.21	9.40	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
9.40	9.71	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
9.71	10.00	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
10.00	10.45	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
10.45	10.85	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
10.85	11.52	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High

TABLE 7A-6

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline

PMP ^a		Terrain Unit ^b	terrain unit Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness ^f
Begin	End					
11.52	11.58	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
11.58	11.63	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
11.63	11.85	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
11.85	11.93	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
11.93	12.20	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
12.20	12.30	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
12.30	12.81	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
12.81	13.19	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
13.19	13.25	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
13.25	13.82	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
13.82	14.09	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
14.09	14.36	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
14.36	14.46	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
14.46	14.56	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
14.56	14.68	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
14.68	14.74	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
14.74	15.39	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
15.39	15.42	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
15.42	15.87	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
15.87	15.89	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
15.89	16.67	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
16.67	17.09	Qo	Outwash Gravel	FINE_GR_OVER_GRAVEL	ALLUVIAL_TU	High
17.09	17.54	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
17.54	17.57	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
17.57	17.64	Qfi/Qfa	Mixture of Inactive and Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
17.64	17.73	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High

TABLE 7A-6

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline

PMP ^a		Terrain Unit ^b	terrain unit Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness ^f
Begin	End					
17.73	17.81	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
17.81	18.59	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
18.59	18.66	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
18.66	19.17	Qso	Silt and Sand over Outwash Gravel	FINE_GR_NO	ALLUVIAL_TU	High
19.17	19.22	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
19.22	19.34	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
19.34	19.38	Qfi/Qfa	Mixture of Inactive and Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
19.38	19.51	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
19.51	21.29	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
21.29	22.48	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
22.48	22.72	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
22.72	22.78	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
22.78	22.85	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
22.85	22.99	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
22.99	23.35	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
23.35	23.63	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
23.63	24.01	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
24.01	24.13	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
24.13	24.17	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
24.17	24.21	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
24.21	24.36	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate

TABLE 7A-6

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline

PMP ^a		Terrain Unit ^b	terrain unit Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness ^f
Begin	End					
24.36	24.89	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
24.89	24.93	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
24.93	25.29	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
25.29	25.36	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
25.36	25.55	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
25.55	25.61	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
25.61	25.79	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
25.79	25.84	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
25.84	26.04	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
26.04	27.14	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
27.14	27.36	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
27.36	27.63	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
27.63	28.15	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
28.15	29.25	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
29.25	30.17	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
30.17	30.45	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
30.45	30.59	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
30.59	30.80	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
30.80	31.72	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
31.72	32.32	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
32.32	32.43	Qat	Alluvial-Terrace Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
32.43	33.11	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High

TABLE 7A-6

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline

PMP ^a		Terrain Unit ^b	terrain unit Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness ^f
Begin	End					
33.11	33.35	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
33.35	33.57	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
33.57	33.66	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
33.66	33.89	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
33.89	34.02	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
34.02	34.84	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
34.84	34.92	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
34.92	35.54	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
35.54	36.56	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
36.56	36.68	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
36.68	36.85	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
36.85	37.56	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
37.56	38.46	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
38.46	38.57	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
38.57	38.80	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
38.80	38.98	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
38.98	39.17	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
39.17	39.36	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
39.36	39.73	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
39.73	39.97	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
39.97	40.15	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
40.15	40.37	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
40.37	41.19	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
41.19	41.32	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
41.32	41.60	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
41.60	41.79	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate

TABLE 7A-6

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline

PMP ^a		Terrain Unit ^b	terrain unit Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness ^f
Begin	End					
41.79	41.89	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
41.89	42.18	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
42.18	43.51	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
43.51	43.59	Qsd	Sand Dune Deposits	SAND	EOLIAN_TS	Moderate
43.59	44.80	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
44.80	45.31	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
45.31	46.15	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
46.15	46.26	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
46.26	46.59	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
46.59	47.81	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
47.81	48.23	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
48.23	48.38	Qsd	Sand Dune Deposits	SAND	EOLIAN_TS	Moderate
48.38	48.69	Qfa	Abandoned Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
48.69	48.82	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
48.82	48.87	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
48.87	48.92	Qfi	Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
48.92	50.07	Qf	Active Floodplain Deposits	GRANULAR_FREQ	ALLUVIAL_TS	Moderate
50.07	51.26	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
51.26	51.67	Qt	Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
51.67	52.95	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
52.95	53.12	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
53.12	53.39	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High

TABLE 7A-6

[Note: The data in this table is preliminary and will be updated in the final report.]

Alaska Pipeline Project

Selected Interpretative and Physical Data Associated with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline

PMP ^a		Terrain Unit ^b	terrain unit Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness ^f
Begin	End					
53.39	53.79	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
53.79	54.07	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
54.07	54.54	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
54.54	54.57	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
54.57	55.66	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
55.66	55.90	Qau	Undifferentiated Alluvium	FINE_GR_OVER_GRAN_F EW	ALLUVIAL_TU	High
55.90	56.30	Qat	Alluvial-Terrace Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
56.30	56.39	Qfi/Qf	Mixture of Active and Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
56.39	57.26	Qat	Alluvial-Terrace Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
57.26	57.34	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
57.34	57.39	Qfi/Qf	Mixture of Active and Inactive Floodplain Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
57.39	57.49	Qat	Alluvial-Terrace Deposits	FINE_GR_OVER_GRAN_F REQ	ALLUVIAL_TU	High
57.49	57.58	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High
57.58	57.92	Qti	Ice-Rich Thaw Lake Deposit	FINE_GR_NO	LACUSTRINE_TU	Very High
57.92	58.40	Qsg	Alluvial-Plain Deposits	FINE_GR_NO	ALLUVIAL_TU	High

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TABLE 7A-6 [Note: The data in this table is preliminary and will be updated in the final report.] Alaska Pipeline Project Selected Interpretative and Physical Data Associated with Terrain Units Mapped along the Point Thomson Gas Transmission Pipeline						
PMP ^a		Terrain Unit ^b	terrain unit Name ^c	Ditch Soil Group ^d	Surface Soil Group ^e	Ice Richness ^f
Begin	End					
^a PMP is Point Thomson Gas Transmission Pipeline Milepost. Begin is the upstream milepost for the pipeline entry into the terrain unit. End is the milepost for the pipeline exit from the terrain unit						
^b Terrain unit symbol as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.						
^c Terrain unit name as described in Rawlinson, S.E. 1990. Surficial geology and morphology of the Alaskan Central Arctic Coastal Plain. Public Data File 90-17. Alaska Division of Geological and Geophysical Surveys. Fairbanks, AK.						
^d Ditch Soil group was based on the assumed textural characteristics of the subsurface layers of the terrain map unit that are consistent with the geologic description and assuming that the ditch would be excavated to a depth of 7 feet. _Gr = grained, _gran = coarse granular, _no, _few, and _freq = no, few, and frequent rocks cobbles and boulders can be expected, respectively.						
^e Surface soil group was developed based on the texture and composition of the uppermost layer within the terrain unit. The TU and TS modifiers indicate “thaw-sensitive” and “thaw-stable” soils, respectively, based on estimated values for the texture and ice content.						
^f Ice richness is the estimated ice content for the terrain unit (none = 1, low = 2, moderate = 3, high = 4, very high = 5).						