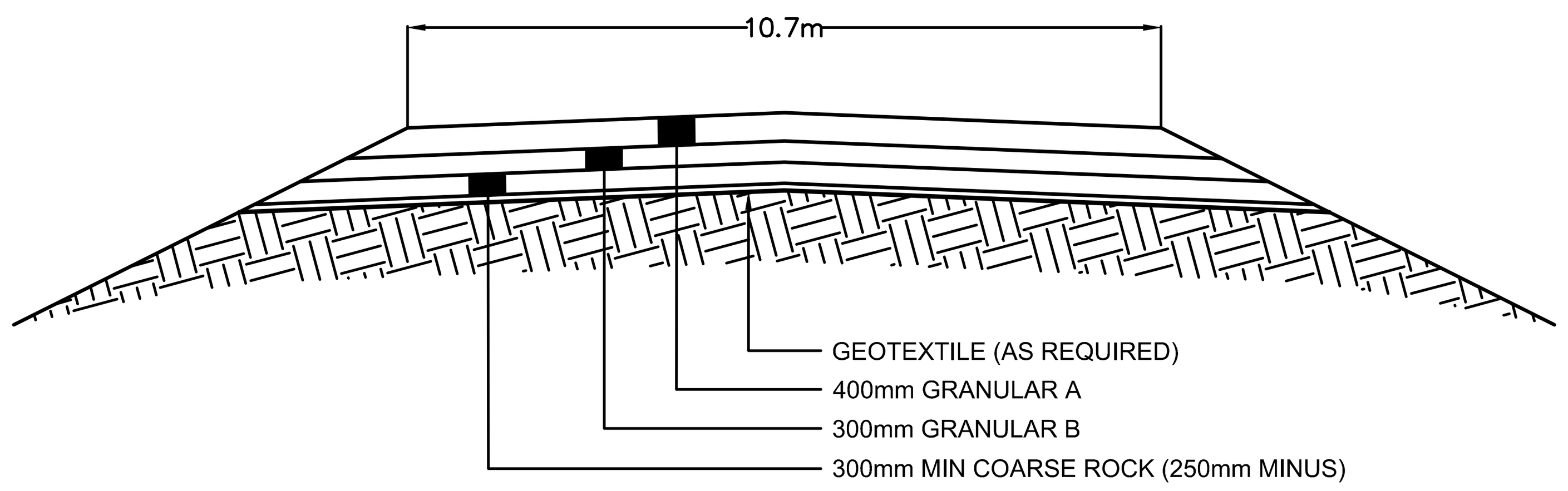
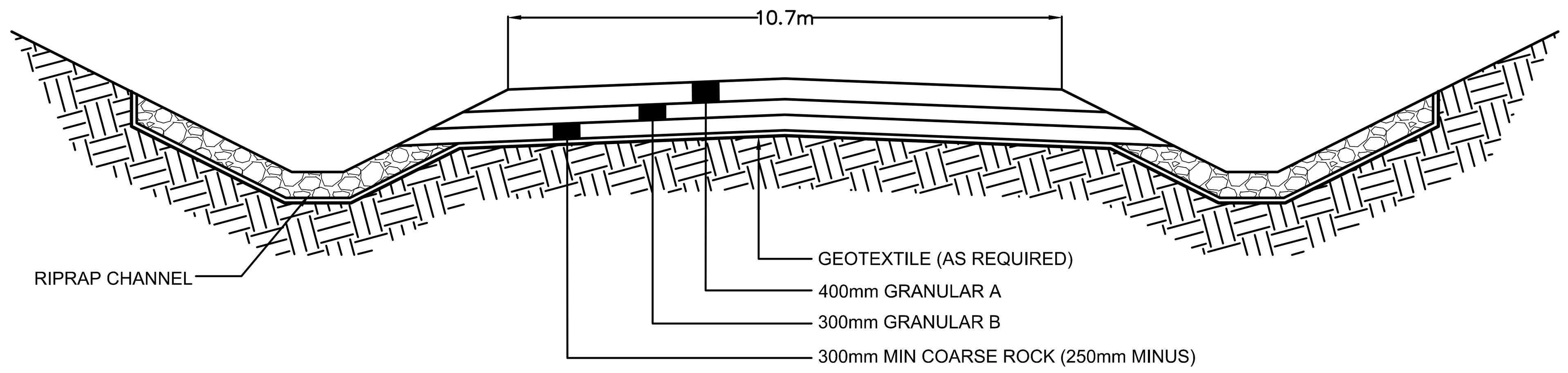


TYPICAL TOTE ROAD FILL CROSS SECTION
Horizontal Scale N.T.S.



TYPICAL TOTE ROAD CUT CROSS SECTION
Horizontal Scale N.T.S.

Culvert I.D. (AMEC)	Culvert I.D. (KP)	Watershed I.D.	Old Chainage (m) (2)	New Chainage (m)	Area (km2)	Q (m3/s)	Culvert Design: Q (m3/s) per culvert	Culvert Design: # of Culverts	Culvert Design: Size of Culverts (mm)	Culvert Design: Embankment Height (m) (4)	Culvert Length (m)	Centerline Elevation	Upstream Invert	Downstream Invert	Cover (from invert)
B1	CV183	3	0+145		60.0	69.5	BRIDGE								
C2	CV181	12	0+583		3.6	8.8	8.8		2000	3.5					
C3	CV176	39	02+349		0.5	2.2	2.2	1	1500	2.5					
C4	CV173	39381	04+425	1+240	0.8	2.9	2.9	1	1500	2.5	18.0	54.7	52.2	52.0	2.5
C5	CV171	39382	04+582	1+396	0.2	1.1	1.1	1	1000	2.0	18.0	55.5	53.5	52.8	2.0
C6	CV170	38	04+984	1+793	0.3	1.6	1.6	1	1000	2.0	16.0	46.2	44.2	44.0	2.0
C7	CV167	3837	05+674	2+467	0.4	1.8	1.8	1	1000	2.0	16.0	45.1	43.1	42.9	2.0
C8	CV166	37	05+770	2+548	1.4	4.7	4.7	1	1500	2.5	18.0	46.9	44.4	44.2	2.5
C9	CV165	36	06+746	3+500	0.8	3.0	3.0	1	1500	2.5	42.0	53.9	45.0	44.0	8.9
C10	CV164	36891	06+999	3+698	0.1	0.8	0.8	1	1000	2.0	72.0	54.8	43.1	38.2	11.7
C11	CV162	36892	07+625	4+142	0.2	1.1	1.1	1	1000	2.0	32.0	50.1	48.1	42.0	2.0
C12	CV159	89	08+100	4+636	0.8	3.0	3.0	1	1500	2.5	65.0	37.9	26.2	25.5	11.7
C13	CV157	35	08+657	5+205	0.6	2.4	2.4	1	1500	2.5	22.0	41.5	38.1	37.6	3.4
C14	CV155	46	08+997	5+465	1.1	3.8	3.8	1	1500	2.5	20.0	49.2	46.7	44.8	2.5
C15	CV154	34	09+241	5+961	0.2	1.3	1.3	1	1500+	2.5	23.0	67.8	65.3	62.5	2.5
C16	CV153	33	09+892	6+353	0.2	0.9	0.9	1	1500+	2.5	20.0	70.4	67.9	67.7	2.5
C17	CV152	32	09+950	6+470	0.7	2.8	1.4	2	1500	2.5	37.0	68.5	65.4	58.4	3.1
C18	CV151	31	10+127	6+606	0.4	1.9	1.9	1	1000	2.0	27.0	66.7	64.7	58.4	2.0
C19	CV146	30	11+014	7+471	3.0	7.8	7.8	1	2000	3.5	33.0	69.5	66.5	65.5	3.0
C20	CV144	3091	11+856	8+292	0.1	0.9	0.9	1	1000	2.0	35.0	87.5	83.7	81.6	3.8
C21	CV137	3092	12+704	9+140	0.1	0.9	0.9	1	1000	2.0	35.0	101.9	96.8	94.7	5.1
C22	CV135	3093	13+327	9+759	0.4	1.7	1.7	1	1000	2.0	27.0	95.8	91.2	89.8	4.6
C23	CV133	3094	13+859	10+290	0.5	2.0	2.0	1	1500	2.5	27.0	82.1	79.5	76.1	2.6
C24	ADD1	3095	14+189	10+619	0.4	1.8	1.8	1	1000	2.0	23.0	82.6	80.1	78.6	2.5
C25	CV195	3096	14+666	11+095	6.4	13.5	6.8	2	2000	2.5	24.0	83.1	79.9	79.4	3.2
C26	CV129	9	15+310	11+714	2.6	7.1	7.1		2000	3.0	32.0	84.1	79.0	77.8	5.1
C27	Extra01	92	16+807	13+200	2.0	5.8	5.8		2000	3.0	32.0	81.3	76.6	76.0	4.7
B28	CV128	2	17+117	13+500	541.7	346.5	BRIDGE								0.0
C29	CV126	229	18+724	15+116	0.6	2.4	2.4	1	1500	2.5	29.0	81.2	77.0	76.2	4.2
C30	CV125	29	19+945	16+335	0.3	1.5	1.5	1	1000	2.0	24.0	82.4	79.0	78.9	3.4
C31	CV123	29281	20+891	17+275	0.3	1.3	1.3	1	1000	2.0	15.0	84.5	82.5	82.0	2.0
C32	ADD2	29282	21+178	17+562	0.5	2.1	2.1	1	1500	2.5	38.0	88.7	82.5	80.6	6.2
C33	CV120	28	23+002	19+386	0.7	2.6	2.6	1	1500	2.5	39.0	93.1	87.0	86.7	6.1
C34	CV119	27	23+756	20+083	0.8	2.9	2.9	1	1500	2.5	33.0	103.0	97.2	96.3	5.8
C35	CV197	2726	25+133	21+461	0.5	2.1	2.1	1	1500	2.5	30.0	110.3	106.0	104.8	4.3
C36	CV117	26	26+584	22+912	0.6	2.4	2.4	1	1500	2.5	26.0	108.5	104.3	104.1	4.2
C37	CV115	25	27+193	23+504	1.4	4.6	4.6	1	1500	2.5	17.0	106.8	104.3	103.9	2.5
C38	ADD3	2511	28+244	24+546	1.1	3.8	3.8	1	1500	2.5	18.0	110.4	107.9	107.3	2.5
C39	CV114	11	29+151	25+435	0.9	3.4	3.4	1	1500	2.5	25.0	111.8	108.1	107.4	3.7
C40	CV113	24	30+157	26+438	3.2	8.1	8.1	1	2000	3.5	14.0	113.3	109.6	109.4	3.7
C41	CV112	23	30+947	27+220	3.9	9.5	9.5	1	2000	3.5	15.0	116.5	113.5	113.3	3.0
C42	CV111	61	31+489	27+740	0.9	3.3	3.3	1	1500	2.5	38.0	120.1	116.4	113.3	3.7
C43	CV202	42	32+336	28+575	0.3	1.3	1.3	1	1000	2.0	22.0	113.1	110.2	110.0	2.9
C44	CV106	22	32+681	28+920	3.1	8.0	8.0	1	2000	3.5	16.0	114.7	111.7	111.5	3.0
C45	CV104	60	33+301	29+524	4.3	10.2	10.2	1	2000	3.5	34.0	117.3	112.1	110.7	5.2
C46	CV203	43	33+665	29+887	0.9	3.2	3.2	1	1500	2.5	19.0	117.0	114.5	113.7	2.5
C47	CV204	4321	34+650	30+867	0.7	2.8	2.8	1	1500	2.5	13.0	114.5	112.0	111.8	2.5
C48	CV102	21	35+540	31+755	3.7	9.0	9.0	1	2000	3.5	26.0	117.3	113.6	113.1	3.7
C49	CV101	21591	36+649	32+862	0.8	3.1	3.1	1	1500	2.5	25.0	121.3	118.2	116.9	3.1
C50	CV099	21592	37+351	33+556	34.2	46.1	9.2	5	2000	3.5	23.0	124.2	121.2	120.0	3.0
C51	CV098	59	38+034	34+209	3.0	7.8	7.8	1	2000	3.5	17.0	141.1	138.1	137.9	3.0
C52	ADD4	598	40+522	36+663	0.6	2.3	2.3	1	1500	2.5	22.0	149.5	147.0	144.8	2.5
C53	CV094	8	41+112	37+240	6.4	13.6	6.8	2	2000	3.0	30.0	147.6	143.5	142.3	4.1
C54	CV093	20	41+711	37+843	0.8	3.0	3.0	1	1500	2.5	38.0	156.2	150.0	147.7	6.2
C55	CV091	57	42+445	38+565	4.0	9.6	9.6	1	2000	3.5	21.0	157.8	154.8	154.6	3.0
C56	CV090	19	44+351	40+431	1.1	3.8	1.9	2	1500	2.5	17.0	171.5	169.0	168.8	2.5

Culvert I.D. (AMEC)	Culvert I.D. (KP)	Watershed I.D.	Old Chainage (m) (2)	New Chainage (m)	Area (km2)	Q (m3/s)	Culvert Design: Q (m3/s) per culvert	Culvert Design: # of Culverts	Culvert Design: Size of Culverts (mm)	Culvert Design: Embankment Height (m) (4)	Culvert Length (m)	Centerline Elevation	Upstream Invert	Downstream Invert	Cover (from invert)
C57	CV087	18	45+741	41+800	3.5	8.8	8.8	1	2000	3.5	20.0	173.6	170.6	170.4	3.0
C58	CV086	17	45+814	41+862	0.2	1.1	1.1	1	1000	2.0	22.0	173.5	171.1	169.9	2.4
C59	CV085	16	45+933	41+970	2.1	5.9	5.9	1	2000	3.0	45.0	173.6	166.5	164.3	7.1
C60	CV084	1615	46+653	42+674	0.7	2.7	2.7	1	1500	2.5	21.0	175.7	172.9	172.5	2.8
C61	CV083	15	47+169	43+181	2.2	6.6	6.6	1	2000	3.0	13.0	177.6	174.6	174.4	3.0
C62	CV082	75	49+167	45+139	1.2	4.0	4.0	1	1500	2.5	18.0	175.9	173.4	173.4	2.5
C63	CV079	7	50+109	46+056	19.3	30.3	10.1	3	2000	3.5	18.0	169.2	166.2	166.0	3.0
C64	CV078	6	50+680	46+625	25.4	37.1	9.3	4	2000	3.5	30.0	170.7	166.8	165.6	3.9
C65	CV077	674	51+602	47+520	0.4	1.9	1.9	1	1000	2.0	21.0	169.3	166.9	165.5	2.4
C66	CV076	74	52+536	48+450	1.2	4.1	4.1	1	1500	2.5	18.0	163.8	161.3	161.1	2.5
C67	CV075	73	52+842	48+752	0.8	3.1	1.5	2	1500	2.5	26.0	165.4	162.1	160.7	3.3
C68	CV072	51	53+830	49+718	7.9	15.8	7.9	2	2000	3.0	17.0	171.3	168.3	168.0	3.0
C69	CV064	51561	54+956	50+828	0.7	2.7	2.7	1	1500	2.5	16.0	176.5	174.0	173.8	2.5
C70	ADD5	51562	56+997	52+256	1.7	5.1	5.1	1	2000	3.0	21.0	174.0	171.0	170.8	3.0
C71	CV060	56	58+114	53+663	2.7	7.2	7.2	1	2000	3.0	18.0	161.9	158.9	158.7	3.0
C72	CV059	72	59+217	54+757	4.3	10.2	10.2	1	2000	3.5	19.0	164.4	161.4	161.2	3.0
C73	CV058	71	59+779	55+321	0.4	1.7	0.9	2	1500+	2.5	21.0	165.2	162.7	162.0	2.5
C74	CV057	70	59+970	55+512	1.2	4.1	4.1	1	1500	2.5	20.0	165.5	163.0	162.8	2.5
B75	BG50	1	62+054	57+600	158.7	141.4	BRIDGE								0.0
C76	CV049	50	62+550	58+034	3.8	9.2	9.2	1	2000	3.5	151.0	170.9	150.8	148.0	20.1
C77	CV048	5055	63+560	59+025	4.1	9.8	9.8	1	2000	3.5	58.0	192.9	187.5	185.7	5.4
C78	CV047	55	65+681	61+054	2.8	7.4	7.4	1	2000	3.0	22.0	236.8	233.8	233.5	3.0
C79	CV046	69	65+747	61+128	0.6	2.5	2.5	1	1500	2.5	33.0	240.8	235.0	234.7	5.8
C80	CV043	68	66+729	62+097	0.2	1.2	0.6	2	1000	2.0	74.0	299.8	292.5	286.8	7.3
C81	CV041	6849	68+796	64+124	0.5	2.0	2.0	1	1500	2.5	43.0	332.8	327.4	326.8	5.4
C82	CV040	49	72+062	67+325	7.9	15.8	7.9	2	2000	3.0	72.0	244.1	237.0	236.2	7.1
C83	CV039	49671	72+637	67+918	1.7	5.3	5.3	1	2000	3.0	15.0	247.2	244.2	244.0	3.0
C84	ADD6	49672	73+414	68+688	0.3	1.4	1.4	1	1000	2.0	37.0	232.0	226.0	225.0	6.0
C85	ADD7	49673	74+485	69+672	3.9	9.5	9.5	1	2000	3.5	21.0	205.9	202.6	202.1	3.3
C86	ADD8	49674	76+508	71+609	0.9	3.4	3.4	1	1500	2.5	62.0	168.8	158.3	156.2	10.5
C87	CV030	67	77+495	72+627	1.0	3.5	1.7	2	1500	2.5	13.0	146.6	144.1	143.9	2.5
B88	BG32	48	78+123	73+250	45.1	56.4	BRIDGE								0.0
C89	CV215	44	79+523	74+624	0.7	2.8	2.8	1	1500	2.5	27.0	147.7	143.4	143.0	4.3
B90	CV217	4	79+854	74+975	197.6	166.0	BRIDGE								0.0
C91	ADD9	410	80+460	75+518	1.9	5.6	5.6	1	2000	3.0	16.0	148.0	145.0	144.8	3.0
C92	CV216	10	80+951	76+008	3.1	8.0	8.0	1	2000	3.5	14.0	148.8	145.8	145.6	3.0
C93	BG30	64	84+537	79+533	4.5	10.6	5.3	2	2000	3.0	27.0	161.1	156.0	154.1	5.1
C94	BG29	63	84+706	79+693	1.2	4.1	4.1	1	1500	2.5	41.0	159.3	152.2	152.0	7.1
C95	BG27	62	86+499	81+484	1.3	4.1	1.4	3	1500	2.0	32.0	164.3	160.2	158.3	4.1
C96	BG24	54	87+588	82+568	6.1	13.0	6.5	2	2000	3.0	19.0	160.4	157.4	157.2	3.0
C97	CV010	54471	88+189	83+168	0.6	2.3	2.3	1	1500	2.5	14.0	164.0	161.5	161.3	2.5
C98	BG22	54472	89+151	84+116	0.7	2.8	2.8	2	1500	2.5	29.0	172.8	170.3	166.2	2.5
C99	BG17	47	90+016	84+977	5.2	11.7	5.9	2	2000	3.0	25.0	164.0	161.0	160.1	3.0
C100	BG11	4753	91+430	86+378	1.2	4.3	4.3	1	1500	2.5	62.0	180.7	174.4	161.5	6.3
C101	BG04	53	93+992	88+935	7.2	14.7	7.4	2	2000	3.0	29.0	169.1	165.4	164.1	3.7
C102	CV001	65	94+606	89+523	1.3	4.3	4.3	1	1500	2.5	16.0	169.5	167.0	166.8	2.5
C103	BG03	6590	95+585	90+488	1.2	4.0	4.0	1	1500	2.5	32.0	170.4	165.0	164.1	5.4
B104	CV223	90	97+007	91+625	243.4	193.2	BRIDGE								0.0
C105	CV224	13	97+756	92+473	5.2	11.6	5.8	2	2000	3.0	20.0	166.3	163.3	163.1	3.0
C106	CV225	91	98+845	93+556	9.9	18.6	9.3	2	2000	3.5	22.0	160.1	157.1	156.9	3.0
C107	BG01	52	99+483	94+181	2.6	7.1	2.4	3	2000	3.0	56.0	167.9	160.0	158.3	7.9
C108	CV184	52401	101+557		5.1	11.4	5.7	2	2000	3.0					0.0
C109	CV185	52402	101+764		0.8	2.9	2.9	1	1500	2.5					0.0
C110	CV186	40	102+587		2.2	6.5	6.5	1	2000	3.0					0.0
C111	CV187	41	102+856		1.0	3.5	3.5	1	1500	2.5					0.0
C112	CV188	41761	104+701		0.8	3.2	3.2	1	1500	2.5					0.0
C113	CV189	41762	105+342		0.5	2.1	2.1	1	1500	2.5					0.0
C114	CVD1-1	76	105+575		0.4	1.7	1.7	1	1000	2.0					0.0
C115	CVD1-6	84	106+731		0.9	3.5	3.5	1	1500	2.5					0.0

REV	DDMMMYY	REVISION\ISSUE	DR	CHK	APP	APP	APP	APP
A	10DEC10	ISSUED FOR FEASIBILITY STUDY	BB	JJ	GW			

STAMP/SEAL

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CLIENT — ENGINEERING MGR. — PROJECT MGR.

PROJECT PHASE

Baffinland Iron Mines Corporation

amec

AREA 5510

PROJECT NO. 165926 | ACTIVITY NO. | SCALE | PACKAGE CODE

	BY	DDMMMYY
DSN	BB	10DEC10
DRN	BB	10DEC10
CHK	JJ	10DEC10
APP	GW	10DEC10

SUBJECT: BAFFINLAND TRUCKING FEASIBILITY STUDY TOTE ROAD NOTES AND DETAILS

DRAWING NO. 165926-5510-121-GAD-0172 | REV. A

USER: BLAKE, BRANDON PLOTTED: 10-Dec-10 10:56 AM SAVED: 10-Dec-10 10:55 AM