

BEMA INDUSTRIES LTD.
19790 - 88th AVE. R.R. 4,
LANGLEY, B.C. V3A 4P7

FILE
Finlayson L. Project
PELLEY GROUP
GEOCHEMICAL FILE

005995

OVERBURDEN DRILLING DAILY LOG

Company KERR ADDISON Project FINLAYSON Driller MJB/DL

DATE	Hole No.	Sample No.	Depth Meters	TIME		COMMENTS
				Sampling	Moving	
1 OCT 78	1	500E-153N①	1.2	30		
"	1	N/S	-	15		N/S top Permafrost - water-soft.
"	1	500E-153N②	2.8	15		
"	1	" ③	4.0	45		✓ BEDROCK. - Fe stained + banded
"	2	500E-121N①	1.2	10	50	incl. lunch.
"	2	" ②	3.0	45		✓ SAMPLE 2 - Bedrock 2A - Soil ABOVE
"	3	500E-117N①	3.0	40		This sample carried out to check
"	3	" ②	4.0	70		✓ depth to Bedrock obby. B.R.
"	4	500E-92N①	1.2	10	25	
"	4	" ②	3.1	30		
"	4	" ③	3.9	40		✓ Split Sample 3A - soil above B.R. #3 Bedrock
"	5	500E-62N①	1.2	10	15	Permafrost @ 0.5m.
"	5	" ②	3.2	30		
	5 holes	12 SAMPLES	31.8m.	390	90	
2 OCT 78	5	500E-62N③	4.8	115		✓ Bedrock - vis banding.
"	6	500E-29N①	1.1	5	5	
"	6	500E-29N②	3.1	25		
"	6	500E-29N③	3.7	50		TILL very difficult to extract.
"	7	500E-180N①	1.1	10		
"	7	500E-180N②	3.2	25	60	
"	7	500E-180N③	4.3	80		Very Hard Ground
"	7	500E-180N④	5.8	110		✓ Very Hard Ground - Bedrock. / till.
"	8	500E-211N①	1.2	10	10	
"	8	500E-211N②	3.0	45		
"	8	500E-211N③	3.9	60		TILL.
	4 HOLES	11 SAMPLES.	35.2m.	535	75	
3 OCT 78	9	500E-291N①	1.3	15		
"	9	500E-291N②	3.0	55		TILL.
"	9	N/S	-	155	65	Very hard Ground Could not open Sample at 5m.
"	10	500E-270N①	1.2	15		
"	10	500E-270N②	2.0	35		
"	10	500E-270N③	3.0	25		
"	10	500E-270N④	4.0	70	15	TILL. - limonite.
"	11	500E-300N①	1.0	15		
"	11	500E-300N②	2.0	20		
"	11	500E-300N③	3.0	25		
	3 holes	9 samples	20.5	430	80	

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DATE	Hole No.	Sample No.	Depth Meters	TIME		COMMENTS
				Sampling	Moving	
4 OCT 78	11	500E-320N N/S	14	50		Lost Round Pt at bottom of hole
"	12	500E-358N ①	1	20		
"	12	②	2	25		
"	12	③	3	25		
"	12	④	4	35		
"	12	⑤	4.9	50	40	some weathered bedrock, some shale
"	13	500E-332N ①	1	10		
"	13	②	2	30		
"	13	③	3	35		
"	13	④	4	45		
"	13	⑤	5	40	5	
"	14	500E-392N ①	1	15		
"	14	②	2	25		
"	14	③	3	20		
"	14	④	4	75		weathered bedrock in bottom. very difficult to extract sample.
	4 holes	14 samples	39.9 m	500	45	
5 OCT 78	15	500E-420N ①	1	20		
"	15	②	2	30		
"	15	③	3	35		
"	15	④	4	45		
"	15	⑤	5	85	60	bedrock, visible banding
"	16	500E-451N ①	1	15		
"	16	②	2	40		
"	16	③	3	45		
"	16	④	4	65		
"	16	⑤	5	75		
"	16	N/S ⑥	16	65		Sampler jammed at bottom of hole + would not open
	2 holes	10 samples	30 m	520	60	
6 OCT 78	16	N/S ①	16	35	10	Bottom rod sheared off
"	17	500E-979N ①	1.2	20		
"	17	②	2	25		
"	17	③	3	30		
"	17	④	4	110		Rod sheared off above rd. pt. Had to drill new hole.
"	17	⑤	5	45	45	Hard shale on bottom.
"	18	500E-509N ①	1.2	15		
"	18	②	2	20		
"	18	③	3.1	80		Hard shale on bottom
"	19	500E-590N ①	1.8	30	15	No sample at 1m. - too soft.
"	19	②	3	45		
"	19	③	4	60		
	3 holes	11 samples	30.3 m	515	70	

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OVERBURDEN DRILLING DAILY LOG

Company Kerr Addison

Project Finkayson Pelly

Driller DL/DK

DATE	Hole No.	Sample No.	Depth Meters	TIME		COMMENTS
				Sampling	Moving	
7 OCT 78	19	500E-540N ①	5.1	90	10	
"	20	500E-570N ①	1.1	15		
"	20	②	2	35		
"	20	③	3.2	35		
"	20	④	4	160	15	Graphite on bottom. Lost sampler. Had to drill another hole. Very hard to extract
"	21	500E-600N ①	1.1	20		
"	21	②	2	25		
"	21	③	3.1	35		
"	21	④	3.6	35		weathered bedrock
"	22	500E-630N ①	1	15		
"	22	②	2	20		
"	22	③	3.1	35		Hard shale on bottom
	4 holes	12 samples	31.3m	520	25	
8 OCT 78	23	500E-660N ①	1.2	20		
"	23	②	2	20		
"	23	③	3.1	30		
"	23	④	4	65	20	Very hard drilling. Could go no further.
"	24	500E-700N ①	1.1	25		
"	24	②	2	25		
"	24	③	3	35		
"	24	④	4	55		
"	24	⑤	5	55	60	
"	25	550E-540N ①	2	20		Could not get sample at 1m - Too soft.
"	25	②	3	35		
"	25	③	4	75		
	3 holes	12 samples	39.4	460	80	
9 OCT 78	25	550E-540N ①	5	80	10	
"	26	600E-540N ①	1.1	20 15	30	
"	26	②	2	30		
"	26	③	3	195		Lost sampler. Had to drill another.
"	26	④	4	225		Graphite on bottom. Extremely hard to extract sampler. Had to fix hydraulic jack. - would not lift more than 2" at a time. Req'd 9500lb to lift sampler
	2 holes	5 samples	15.1m	545	10	

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Driller DL/DK

DATE	Hole No.	Sample No.	Depth Meters	TIME		COMMENTS
				Sampling	Moving	
10 OCT	27	650E-540N ①	1.1	20		
	27	②	2.2	30		
	27	③	3	35		
	27	④	3.5	40	20	shale on bottom
	28	700E-540N ①	1	20		
	28	②	2	50		
	28	③	3	55		
	28	④	4.2	45	20	shale on bottom
	29	750E-540N ①	1.1	10		
	29	②	2	20		
	29	③	3	35		
	29	④	4.2	70		shale on bottom
	30	800E-540N ①	1	10		
	30	②	2	20		
4 holes 14 samples			33.3	460	40	
11 OCT	30	800E-540N ①	3	60		
	30	④	4	60	15	
	31	850E-540N ①	1.2	15		
	31	②	2.1	30		
	31	③	3.1	25		
	31	④	4	30		
	31	N/S ⑤	4.5	25	10	Water - no sample
	32	850E-480N ①	1.2	15		
	32	②	2	25		
	32	③	3.2	20		
	32	④	4.1	30		
	32	⑤	4.8	50	5	Graphite on bottom
	33	800E-480N ①	1	15		
	33	②	2	25		
	33	③	3	45	15	shale on bottom
34	750E-480N ①	1	25			
5 holes 15 samples			39.7	495	45	

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DATE	Hole No.	Sample No	Depth Meters	TIME		COMMENTS	
				Sampling	Moving		
OCT 12	34	750E-480N #2	2.3	30			
	34	③	3.1	25			
	34	④	4	35			
	34	⑤	5	130	10	Quartz, weathered bedrock. - Replaced pull-cord on machine.	
	35	700E-480N ①	1	20			
	35	②	2.1	35			
	35	③	3	35			
	35	④	4	45		Graphite on bottom.	
	36	650E-480N ①	1	20	15		
	36	②	2	30			
	36	③	3.1	50	10	Graphite on bottom	
	37	600E-480N ①	1.2	10			
	4 holes 12 samples			31.8	465	35	
	13 OCT	37	600E-480N ②	2	30		
37		③	3	50	15	Graphite + carbonate. Very hard drilling - could go no further.	
38		550E-480N ①	1	15			
38		②	2.1	20			
38		③	3	40			
38		④	4	55	15	weathered bedrock.	
39		450E-480N ①	1	20			
39		②	2.1	40			
39		③	3.1	60	15	Hard graphite on bottom - could drill no further.	
40		400E-480N ①	1.2	15			
40		②	2.2	40			
40		③	3	35	15	Hard shale + graphite on bottom	
41		400E-540N ①	1	30			
5 holes 13 samples			28.7	450	60		
14 OCT	41	400E-540N ②	2	45			
	41	③	3	45			
	41	N/S ④	14	120			
	42	450E-540N ①	1.2	15		Rod sheared off 2 m. down. Lost 2 rods + sampler	
	42	②	2	20			
	42	③	3.2	55			
	2 holes 5 samples			11.4	190		some graphite + weathered bedrock. Very difficult drilling - could go no further. Packed gear to 210N + organized gear for helicopter trip Oct. 15.

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Driller DL/DK

DATE	Hole No.	Sample No.	Depth Meters	TIME		COMMENTS
				Sampling	Moving	
OCT 15	43	1440E-1470N ①	1	20		Vam Area Quartz frags., shale, weathered B.R. Dense Clay, very hard drilling, could go no further.
	43	②	2	60		
	43	③	3	30		
	43	④	3.8	35		
	43	⑤	5	60	25	
	44	1440E-1650N ①	1	15		
	44	②	2	25		
	44	③	3	30		
	44	④	4	60	10	
	45	1440E-1760N ①	1	15		
	45	②	2	15		
	3 holes 11 samples			27.8 M.	365	
16 OCT	46	1250W-2550N ①	1	20		N.W. Pelly Area very small amt. in sampler - dry sandy - - might not be true sample.
	46	②	2	25		
	46	③	3.2	20		
	46	④	4	30		
	46	⑤	5.3	30		
	46	⑥	9.5	40	20	
	47	1000W-2320N ①	1	20		
	47	②	2.2	20		
	47	③	3	25		
	47	④	9.4	50	45	
	48	510E-1170N ①	1	20		
	48	②	2	20		
	48	③	3	45		
	3 holes 13 samples			46.6	365	
17 OCT	48	510E-1170N ④	4	90		Very hard drilling. Couldn't go farther.
	48	⑤	4.9	120	150	
	49	510E-150E ①	1	15		
	49	②	3	45		
	49	③	4	45		
2 holes 5 samples			16.9	315	150	
18 OCT	49	510E-150E ④	8	515		Rods & pt. very hard to extract Reg'd 10,000 lbs to move.
	1 hole 1 sample			8	515	

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SUMMARY OF OVERBURDEN DAILY LOGS

Company KERR ADDISON Project FINLAYSON PELLY Driller MJB/DK

DATE 1978	TIME			No. Samples	Total Meters	Meters Hour	EQUIPMENT Lost/Destroyed		COSTS			COMMENTS	
	Total Work	Total Drilling	Total Travel				Samples	Rods	Total Drilling	\$ Meter	\$ Sample		Meters Sample
1 Oct	10 3/4	6.5	4.25	12	31.8	4.89	-	-	430	13.52	35.83	2.65	INCL org. TIME
2 Oct	10 1/2	8.9	1.35	11	38.02	3.96	-	1	430	12.2	39.1	3.2	
3 Oct	10 1/2	7.2	1.3	9	20.5	2.85	-	2	420	20.5	16.7	2.28	
4 Oct	10	8.3	.75	14	39.9	4.81	1 sample	1	400	10.03	28.6	2.85	
5 Oct	10 3/4	8.7	1.0	10	30	3.45	-	2	420	14	12	3.0	
6 Oct	10 1/2	8.6	1.2	11	30.3	3.52	2 rd. H.	2	420	13.96	38.2	2.75	
7 Oct	10	8.7	.4	12	31.3	3.59	1 sample	1	400	12.78	33.3	2.6	
8 Oct	10 1/2	7.6	1.3	12	34.4	4.53	-	-	420	12.21	35	2.87	
9 Oct	10	9.0	.2	5	15.1	1.6	1 sample	1	400	26.49	80.00	3.02	
10 Oct	10 1/2	7.6	.6	14	33.3	4.4	-	-	420	12.61	30.	2.38	
11 Oct	10 1/2	8.25	.75	15	39.7	4.8	-	1	420	10.57	28.00	2.65	
12 Oct	10	2.75	.58	12	31.8	4.1	-	1	400	12.58	33.33	2.65	
13 Oct	10 1/2	7.5	1	13	28.7	3.8	-	1	420	14.63	32.21	2.21	
14 Oct	8 1/2	3.2	0	5	11.4	3.5	1 sample	2	340	29.82	68.00	2.28	INCL. org. Time.
15 Oct	10 1/2	6.1	.6	11	27.8	4.5	-	1	420	15.11	38.18	2.53	
16 Oct	10	6.1	1.25	13	46.6	7.6	-	1	400	8.58	30.77	3.58	
17 Oct	9 1/2	5.25	2.5	5	16.9	3.2	-	1	380	22.48	76.00	3.38	
18 Oct	9 1/2	9.35	-	1	8	.86	-	1	380	47.50	380.00	8	