

BONDAR-CLEGG & COMPANY LTD.

Jolly/Gil
825537

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR BRUCE INGLESON

PROJECT GILLANDER CREEK

WEATHER SUNNY & Warm

DATE Sept. 7, 1987

AREA KEREMEOS 1:50 000

PHYSIOGRAPHY Hilly & Rocky

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	SOIL TYPE	HORIZON & DEPTH (IN)	COLOUR	TEXTURE	REMARKS	ANALYTICAL					
282-87BI-1	L-5200	←	Mountain Podzol	B-12	Brown	Silty silt	o/c adjacent moderate slope						
✓ -2	↓	←	"	B-12	LT BRN.	SILT	35° slope						
✓ -3	↓	←	"	B-12	DK BRN	SILTY SAND	CROSSED B/L AFTER #2						
-4		←	"	B-15	"	SILT	SOME TALUS						
-5		←	"	B-12	BRN	SILT	"						
-6	NO SOIL	←	"	20	HUMUS ONLY		NO SOIL - TALUS						
-7		←	"	B-12	BRN	SILTY SAND							
-8		←	"	B-10	LT BR	"	CREEK FLOOD AREA						
-9	NO SOIL	←	"	12	NO TALUS	SOIL SLOPE	SW SIDE OF CREEK/TALUS						
-10		←	"	B-14	BRN	SILT							
-11		←	"	B-12	LT BRN	SILT							
-12		←	"	B-12	LT BRN	SILT FINE	NEAR TALUS SLOPE						
-13	NO SOIL	←	"	15"	TALUS	SLOPE - EXTENDS ~ 150m UP HILL							
-14		←	"	B-12	GREY	SILTY CLAY	35° GRASSY HILLSIDE						
-15		←	"	B-10	DK BR	SILT	TALUS SLOPE NEAR						
-16	NO SOIL	←	"	B-10	NO SOIL SAMPLE AVAIL		TALUS SLOPE - BOULDERS						
17		←	"	B-14	GREY	SILTY CLAY	BELOW TALUS SLOPE						
18		←	"	B-16	LT BR	SILT	SURROUNDED BY TALUS						
19		←	"	B-10	"	"	"						
20		←	"	B-13	BR	"	O/C ADJACENT ON CLAIM LINE						
21	ALTIMETER CALIBRATION OUT?	←	"	B-12	DK BR	FINE SILT	O/C ADJACENT WEST OF CLAIM 60m						

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR E. MacKENZIE

PROJECT GILLANDER CREEK

WEATHER Sunny

DATE SEPT 13/87

AREA KEREMOS

PHYSIOGRAPHY Sub Alpine

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL					
282-87EM 147	LN. 6000	←	MTN Podzol	B-12	buff-redish fine c/d.		Creek bottom						
148			✓	✓	✓	✓	slope						
149			✓	✓	✓	✓	✓						
150			✓	✓	coarse buff	Soil	Talus						
151			✓	✓	✓	✓	✓						
Sept. 14/87													
E. MacKENZIE	LN. 6400	←	MTN. Podzol	B-12	LT. brown. fine, silty		o/c.						Sunny & warm.
152			✓	✓	✓	✓	✓ Talus.						
282-87EM-153			✓	✓	✓	✓	✓ o/c.						
154			✓	✓	✓	✓	✓ o/c.						
155			✓	✓	reddish-brown silty fine		o/c & float.						
156			✓	✓	✓ coarse		Heavy Limonite stain						
157			N/A	RX No PR. SOIL MEANS			o/c & Talus.						
158			MTN Podzol	reddish-brown coarse	LIMONITE.		Talus slope.						
159			✓	✓	✓	✓	✓ ✓						
160			✓	✓	✓	✓	o/c Heavy LIMONITE STAINING.						
161			✓	✓	fine reddish silty	soil.	o/c						
162			✓	✓	✓	✓	Talus slope						
163			✓	✓	✓	✓	o/c ridge crest						
164			✓	dark brown fine silty	LN o/c		Moss covered North Slope						
165			✓	✓	✓	✓	✓ ✓						
166			N/A	NO SOIL			o/c. RX. FRAG.						
167			MT Podzol	dark brown med. gr'd			o/c.						
168			N/A	N/A			NO o/c. RX FRAG WP						
169			MT Podzol	dark brown coarse silty		✓	✓						
170			✓	✓	✓	✓	✓ END.						

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR DE MACKENZIE

PROJECT GILLANDER CREEK

WEATHER CLOUDY

DATE SEPT - 13/87

AREA KERMEOS

PHYSIOGRAPHY Sub-Alpine

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL					
282-STEM-122	Ln. 6000	←	Mountain PODZOL	B-12a	reddish brown Silty fine.		O/C adjacent Talus.						
123			✓	✓	✓		✓ ✓						
124			✓	✓	buff. coarse MINOR SOIL		✓ ✓						
125			✓	✓	reddish brown fine. silty		O/C.						
126			✓	✓	✓	✓	Slope Float						
127			N/A	N/A	No SOIL		Float.						
128			MTN. PODZOL	B-12	coarse, gr'd MINOR SOIL		SLOPE & Float.						
129			✓	✓	buff fine Silty		✓ ✓						
130			✓	✓	✓	✓	O/C Float.						
131			✓	✓	buff - coarse MINOR SOIL.		Float.						
132			N/A	N/A	No SOIL		Float FRAGMENTS.						
133			MTN. PODZOL	B-12	buff - silty fine		Float						
134			✓	✓	✓ ✓	✓	✓ SloPE						
135			✓	✓	✓	✓	✓ Tread.						
136			✓	✓	✓	✓	side SloPE.						
137			✓	✓	✓	Silty. reddish fine	✓ ✓						
138			✓	✓	✓	✓ ✓	✓ ✓ NO O/C						
139			✓	✓	✓	✓ ✓	✓ MINOR RX. FRAG.						
140			✓	✓	✓	✓ ✓	✓ ✓ ✓						
141			✓	✓	✓	✓ ✓	Talus						
142			✓	✓	✓	✓ ✓	Moss covered Slope						
143			✓	✓	✓	✓ ✓	✓ ✓						
144			✓	✓	✓	✓ ✓	✓ MINOR RX. FRAG.						
145			✓	✓	✓	✓ ✓	✓ ✓ ✓						
146			✓	✓	✓	✓	✓ ✓						

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR ED MACKENZIE

PROJECT GILLANDER CREEK

WEATHER SUNNY & WARM

DATE SEPT. 12/87

AREA KERMOC

PHYSIOGRAPHY Sub-Alpine cliffs, Talus

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL							
282-STEM-84	LN 6400	←	Mountain Podzol.	B-12	buff, orange. minon soil		O/C adjacent.								
85	Sample Spacing 400' due to rugged terrain		✓	✓	✓	✓	Talus.								
86	Eastern Margin of Chin Line		✓	✓	✓	✓	Massive Cliffs								
87	@ Claim Post Gill 2N		✓	✓	reddish silty	brown	O/C								
88	122645		✓	✓	coarse minor	gd. soil	Talus O/C								
89			✓	✓	✓	✓	✓ ✓								
90			✓	✓	dark brown fine	silty soil	O/C massive								
91			✓	✓	reddish silty	✓	Talus Slope. Limonite staining								
92			✓	✓	reddish medium	brown silty soil	Extensive Talus Slopes.								
93			✓	✓	✓	✓	✓ ✓								
94			N/A	N/A	No Soil		Talus Slope. Heavy limonite stain.								
95			✓	✓	reddish coarse	brn. qtd soil	Talus Limonite.								
96			✓	✓	✓	✓	✓ ✓								
97			✓	✓	✓	✓	✓ ✓								
98			N/A	N/A	No Soil		extensive talus								

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

 COLLECTOR BRUCE INGLESOM

 PROJECT GILLANDER CREEK

 WEATHER SL

 DATE SEPT 12/87

 AREA KEREMEDS 1:50,000

PHYSIOGRAPHY

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	SOIL TYPE	HORIZON & DEPTH (IN)	COLOUR	TEXTURE	REMARKS
	L-6800'						ON CLAIM LINE
282-87B1-27		↙	MTN POD	B-10	LT BR	SILTY CLAY	TOP OF 150' CLIFF
" 28		←	"	B-10	"	SILT	TALUS SLOPE TO PEAK
" 29	NO SOIL	←					TALUS
" 30		←		B-12	LT BR	SILT	SOIL + TALUS
" 31	NO SOIL	←					FINE TALUS
" 78	NO SOIL	←					TALUS
" 79		←	↓	B-10	LT BR	SILT	
" 80	NO SOIL	←					TALUS SLOPE
" 81	NO SOIL	←					"
" 82	NO SOIL	←					"
" 83	NO SOIL	←					"
	L 6000'						
282-87B1-99		→		B-12	GOLD BR	SILT	PURPLE CLIFFS ABOVE
" 100		→		B-14	BR	SILT	
" 101		→		B-10	LT BR	SILTY SAND	BESIDE TALUS SLIDE
" 102		→		B-12	BRN	SILT	WOODED SLOPE
" 103		→		B-9	LT BRN	"	SOIL COVERED SLOPE
" 104		→		B-7	"	"	HIT BEDROCK
" 105	NO SOIL	→					TALUS SLOPE
" 106		→		B-12	LT BR	SILT	OUTCROPS ADJACENT
" 107		→		B-10	"	"	"
" 108		→		B-12	"	"	"
" 109	NO SOIL	→					BETWEEN CLIFFS
" 110	NO SOIL	→					BASE OF 200' CLIFF

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GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR BRUCE INGLESON

PROJECT GILL ANDER CR.

WEATHER SUN - CLOUDS

DATE SEPT 13/87
14

AREA KREMENS 1:50,000

PHYSIOGRAPHY MODERATE - STEEP
CLIFFS

SAMPLE NO.	LOCATION		DRAINAGE SLOPE	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL					
282-8781-111	NO	SOIL	→	MTW POD				BASE OF 200' CLIFF						
112			→	"	B-9	BRN	SILT	"						
113	NO	SOIL	↘	"				SIDE OF CLIFF						
114			→	"	B-10	DK BRN	SILT	TALUS SLOPE						
115	NO	SOIL	→	"	5			BOULDER TALUS SLOPE						
116		✓	→	"	B-12	LT BRN	SILT	TALUS SLOPE						
	L 6400'													
282-8781-176			→	MTW PODS	B-15	DK BRN	SILT	WOODED TALUS						
" -175			→	"	B-13	DK BROWN	"	"						
" -174			→	"	B-12	"	"	"						
" -173	LITTLE	SOIL	→	"	B-13	"	"	"						
" -172			→	"	B-14	BRN	"	SMALLER ROCK FRAG.						
" -171		↓	→	"	B-12	GOLD BRN	"	WOODED TALUS SLOPE						

BONDAR-CLEGG & COMPANY LTD.

GEOCHEMICAL SOIL SURVEY DATA

COLLECTOR DE. MACKENZIE

PROJECT GILLANDER CREEK # 282

WEATHER SUNNY & WARM

DATE SEPT. 8, 1987

AREA KEREMEOS 1:50,000

PHYSIOGRAPHY Hilly & Rocky

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	SOIL TYPE	HORIZON & DEPTH	COLOUR	TEXTURE	REMARKS	ANALYTICAL				
282-87EM-32	LINE-5600'	←	MOUNTAIN Podzol	B-12	Dark brown Medium	SILTY	Minor Soil Rock FRAGMENTS					
✓ -33			✓	B-12	✓	✓	✓ ✓					
-34			✓	B-12	Reddish-Bn. Sandy	SILT	Good Soil recovery Talus					
35			✓	B-12	Rx. FRAGMENTS.		No Soil					
36			✓	✓	Reddish-brw. soil		Talus slope Hornfel Skarn float					
37			✓	✓	No Soil		Rx. Talus FRAGMENTS obtained					
38			✓	✓	Buff-Silty soil		Float, Skarn					
39			✓	✓	reddish-brwn SILTY	fine						
40			✓	✓	✓	✓	Thick Soil Layer Minor Rx FRAG.					
41			✓	✓	✓	✓	✓ ✓					
42			✓	✓	buff silty	fine.	Minor Rx. Frag.					
43			✓	✓	✓	✓	✓ Talus slope - grass					
44			✓	✓	buff sandy soil.		Minor Rx. FRAG.					
45			✓	✓	✓	✓	✓ ✓					
46			✓	✓	✓	✓	✓ ✓					
47			✓	✓	✓	✓	✓ grass slope					
48			✓	✓	✓	✓	Talus. minor soil					
49			✓	✓	Talus		No Soil.					
50			✓	✓	buff silty soil		Talus adjacent					
51			✓	✓	✓	✓	✓ ✓					
Sept. 9/87 282-87EM52	LN-5600	←	Mtn Podzol	B-12	buff silty soil		Talus adjacent					
53			✓	✓	✓	✓	✓ ✓					
54			✓	✓	reddish	silty	✓ Slope.					
55			✓	✓	buff-gray silty		O/L massive					

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PROJECT GILLANDER CREEK

WEATHER SUNNY-WARM

DATE Sept 8/87

AREA KEREMEOS 1:50,000

PHYSIOGRAPHY SUB-ALPINE

SAMPLE NO.	LOCATION	DRAINAGE SLOPE	SOIL TYPE	HORIZON & DEPTH INCHES	COLOUR	TEXTURE	REMARKS	ANALYTICAL					
282-87B1-22	L-4800	←	MTN POD	B-15	DK. BRN	SANDY SILT	10' from CREEK						
23	↓	←	"	B-12	"	SILTY SAND	30° SLOPE						
24	↓	←	"	B-12	LT GREY	SILTY CLAY							
25	↓	←	"	B-14	"	"							
26	↓	←	"	B-12	LT BRN	CLAYEY SILT	SAMPLE ON WEST CLAIM BOUNDARY LINE						
	L-6000												
282-87B1-64	NO SOIL	←	MTN POD	12			TALUS SLOPE OVER CREEK						
282-87B1-65		←	"	B-12	BR	SILT	40° SLOPE						
66		←		B-12	"	"	O/C ABOVE						
67		←		B-10	BR	SILT	O/C ADJACENT						
68		←		B-9	BR	SILT	SMALL CLIFFS						
69		←		B-12	"	"	O/C - CLIFFS						
70		←		B-10	ORANGE BR	1	35° SLOPE						
71		←		B-12	LT BR	SILT	FINE TALUS SLOPE						
72		←		B-12	LT BRN	SILTY SAND	WOODED SLOPE						
73		←		B-13	"	SILT							
74		←		B-14	BRN	"	CLIFFS ABOVE						
75		←		B-12	DK BR	1	QUARTZ VEINS IN O/C						
76		←		B-10	BR	1	VERY STEEP CLIFFS						
77		←		B-8	LT BR	SILTY CLAY	120' CLIFFS						
78							FORCED						
79							TO STOP						
80													
81	↓												