DIAMOND DRILLING

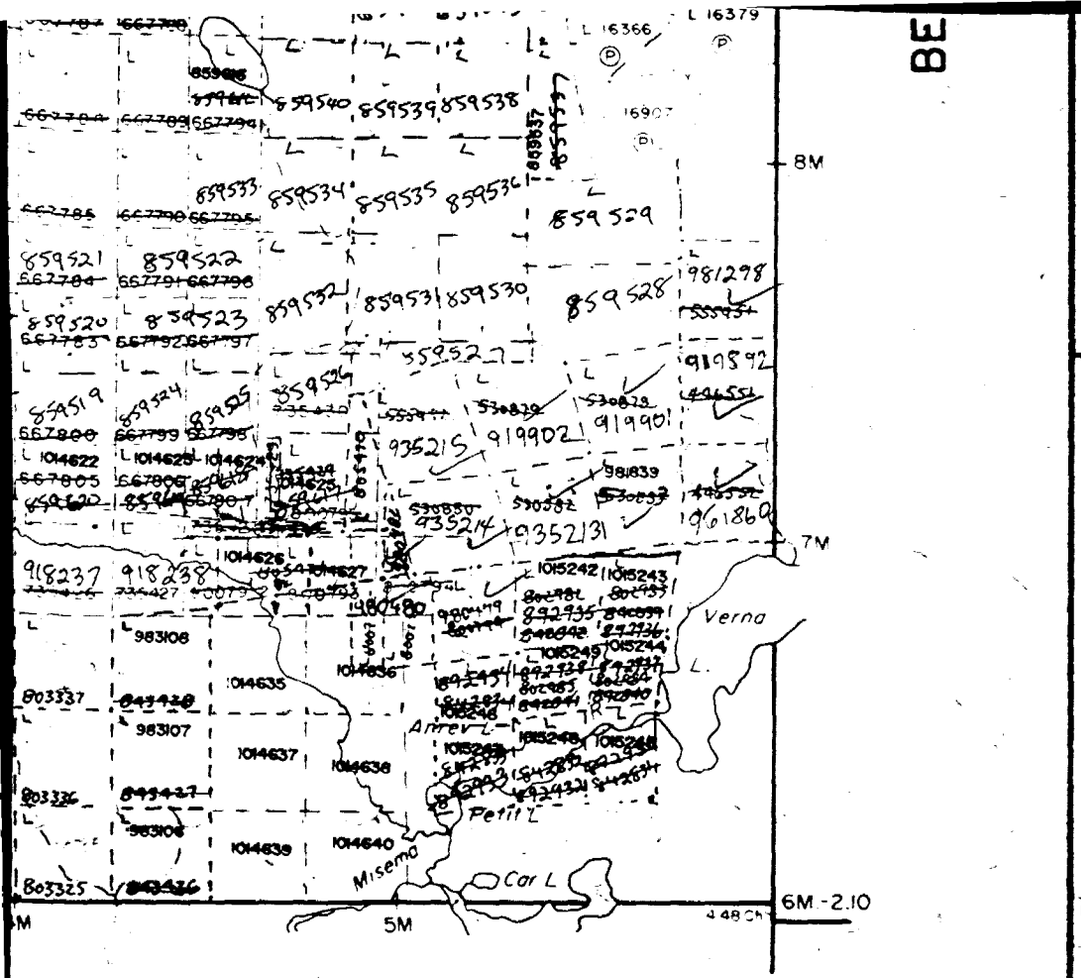
TOWNSHIP: CLIFFORD TWP. REPORT NO: 20

WORK PERFORMED FOR: Mineta Resources Ltd.

RECORDED HOLDER: Same as Above [ ]
: Other [xx] Tom Obradovich

Claim No.	Hole No.	Footage	Date	Note
L 919892	M-1	400'	May/88	(1)
	M-2	300'	May/88	(1)
	M-5	442'	May/88	(1)
	M-6	550'	May/88	(1)
	M-7	351'	May/88	(1)

Notes: (1) #W8808.317, filed in Dec/88



HIGHWAY & ROUTE No. 17

ROADS

TRAILS

RAILWAYS

POWER LINES

MARSH OR MUSKEG

MINES

Barrick Power Line
(Application Pending under Public Lands Act)

TOWNSHIP OF

CLIFFORD

DISTRICT OF
COCHRANE

LARDER LAKE
MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE) #15

DR. R.W. NOBLE

DATE DEC 9, 71

PLAN NO. M-338

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

M338

MINETA RESOURCES LIMITED - Clifford Township Property

EXPLORATION BOREHOLE LOG — Hole M-1

HOLE # M - 1 **CO-OR:** 4+00E on Baseline **DIP:** - 45 @ 335° Az **LENGTH:** 400 ft.

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb Au	Other
0 - 12	BW Casing. Start of Core				DIP TESTS
12 - 15	**Porphyritic Dacite Flow** - Aphanitic, green, massive & hard dacitic matrix with large subhedral pale green & cream feldspar crystals & clots to 9 mm. Occasional epidote-rich healed fractures lined with pyrite. Minor disseminated pyrite throughout and a few inclusions of andesite. Few quartz veinlet + hematite @ 10°	50	5776		200' - 44° 400' - 42°
15 - 20	Porphyritic Dacite Flow as above		5777		
20 - 25	Porphyritic Dacite Flow as above + hematized quartz veinlet @ 10° with minor pyrite.	10	5778		
25 - 27	Porphyritic Dacite Flow as above		5779		
27 - 31	Porphyritic Dacite Flow as above		5780		
31 - 51	Porphyritic Dacite Flow as above				
51 - 55	Porphyritic Dacite Flow as above		5781		
55 - 83.6	Porphyritic Dacite Flow as above. Sharp LC @	50			
83.6 - 87.5	**Quartz Feldspar Porphyry** - light grey, hard siliceous with quartz eyes and feldspar crystals plus 4% disseminated pyrite. Sharp lower ct	45	5782		
87.5 - 90	**Porphyritic Dacite Flow** as before but much more chloritic - possibly andesitic. Few qtz-py veinlets with hematized contacts.				
90 - 91	Porphyritic Dacite Flow as above + qtz-pyrite veinlet with hematized contacts		5783		
91 - 113	Porphyritic Dacite Flow as above				
113 - 116	Porphyritic Dacite Flow as above + qtz-pyrite veinlets with hematized contacts		5784		
116 - 133	Porphyritic Dacite Flow as above				
133 - 137	**Porphyritic Dacite Flow** - becomes grey and pinkish altered (silicified) & weakly hematized with several quartz-epidote and pyrite filled fractures @ 40°	40	5785		
137 - 141	Porphyritic Dacite Flow as above		5786		
141 - 146	Porphyritic Dacite Flow as above		5787		
146 - 151	Porphyritic Dacite Flow as above		5788		
151 - 155	Porphyritic Dacite Flow as above		5789		
155 - 160	Porphyritic Dacite Flow as above		5790		
160 - 165	Porphyritic Dacite Flow as above		5791		

165 - 167	Porphyritic Dacite Flow as above	5792
167 - 171	Porphyritic Dacite Flow as above	5793
171 - 176	**Porphyritic Dacite Flow** as above but less altered and with fewer qtz-epidote veinlets.	5794
176 - 181	Porphyritic Dacite as above	5795
181 - 186	Porphyritic Dacite as above	5796
186 - 191	Porphyritic Dacite as above	5797
191 - 196	Porphyritic Dacite as above	5798
196 - 201	Porphyritic Dacite as above	5799
201 - 205	Porphyritic Dacite as above + two 0.5" quartz-pyrite veinlets @ 15° to core axis. 15	5800
205 - 210	Porphyritic Dacite as above	5801
210 - 215	Porphyritic Dacite as above	5802
215 - 218.5	Porphyritic Dacite as above + 1" pyrite-quartz vein at 50° to core axis. 50	5803
218.5 - 244	**Porphyritic Dacite Flow** - becomes massive and fresh, more typical dacite with a few narrow quartz-calcite veinlets with minor pyrite	
244 - 246	**Porphyritic Dacite** - silicified and altered with two 0.5" qtz-carb vnlts + pyrite with pink hematized contacts @ 40° 40	5804
246 - 278	**Porphyritic Dacite** as before, massive and fresh with 1% pyrite. Contacts are gradational	
278 - 283	**Porphyritic Dacite Flow** - weakly silicified cut by numerous tiny, pyrite rimmed qtz-carb veinlets that fill fractures. Minor to very weak pyrite throughout. Veins at 290-292.5 with 5% pyrite and 300-303' with 3% py. Sharp LC 50	5805
283 - 285	Porphyritic Dacite as above	5806
285 - 290	Porphyritic Dacite as above	5807
290 - 292.5	Porphyritic Dacite as above + a few qtz-carb veinlets with 5% pyrite	5808
292.5 - 297	Porphyritic Dacite as above	5809
297 - 300	Porphyritic Dacite as above	5810
300 - 303	Porphyritic Dacite as above + a few qtz-carb veinlets with 3% pyrite	5811
300 - 307	Porphyritic Dacite as above	5812
307 - 312	Porphyritic Dacite as above. Sharp lower ct @ 50	5813
312 - 316	**Feldspar Porphyry Dyke** - grey, aphanitic siliceous matrix with large euhedral white and occasional pink plagioclase crystals to 10 mm. Minor green epidotized amphibole crystals to 3 mm. Quite massive & fresh with 2% disseminated pyrite throughout. 1/2" pink/orange calcite vein at 60° to core axis with minor pyrite @ 335'.	5814

316 - 321	Feldspar Porphyry Dyke as above		5815
321 - 326	Feldspar Porphyry Dyke as above		5816
326 - 331	Feldspar Porphyry Dyke as above		5817
331 - 335	Feldspar Porphyry Dyke as above + 0.5" calcite vein with minor pyrite @ 60°	60	5818
335 - 338	Feldspar Porphyry Dyke as above		5819
338 - 342.8	Feldspar Porphyry Dyke as above. Sharp chilled lower contact at 45° to core axis.	45	5820
342.8 - 345	**Porphyritic Dacite Flow** - vfg, green and quite fresh dacitic matrix with pale green feldspar crystals and clots to 10 mm. Few qtz-pyrite veinlets with associated silicification. Sharp lower contact at 40°.	40	5821
345 - 350	Porphyritic Dacite Flow as above	50	5822
350 - 355	Porphyritic Dacite Flow as above		5823
355 - 360	Porphyritic Dacite Flow as above		5824
360 - 365	Porphyritic Dacite Flow as above		5825
365 - 370	Porphyritic Dacite Flow as above		5826
370 - 375	Porphyritic Dacite Flow as above		5827
375 - 380	Porphyritic Dacite Flow as above + a few qtz-pyrite veinlets at 50° to core axis.	50	5828
380 - 385	Porphyritic Dacite Flow as above		5829
385 - 388	Porphyritic Dacite Flow as above		5830
388 - 398.5	Porphyritic Dacite Flow as above		
398.5 - 400	**Quartz Feldspar Porphyry** - pale grey, very fg and hard.		

400' - FOOT OF HOLE. M-1 started drilling May 6th and was completed May 7th, 1988. The collar is located 930 ft South and 380 ft West from Post # 1 of L.919892, Clifford Township, Larder Lake Mining Division, Ontario. 42 core boxes used. Casing pulled.

MINETA RESOURCES LIMITED - Clifford Township Property

EXPLORATION BOREHOLE LOG — Hole M-2

HOLE # M - 2 **CO-OR:** 4+00 E on Baseline **DIP:** -65° @ 335 Az **LENGTH: 300 ft.**

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0 - 10	BW Casing. Overburden.Start of Core				DIP TEST
10 - 38	**Porphyritic Dacite Flow** - aphanitic, green, hard matrix with pale green feldspar clots & crystals to 8 mm and epidotized amphibole crystals to 5mm. Very massive with a few epidote healed fractures @ 20-60° that are coated with pyrite. Few quartz-calcite veinlets + pyrite & hematized contacts. Some andesite inclusions. Sharp lower contact @ 35	35			200' - 64°
38 - 43	Porphyritic Dacite Flow as above but with a few quartz-carb + pyrite veinlets.		5831		
43 - 62	Porphyritic Dacite Flow as above				
62 - 66	Porphyritic Dacite Flow + a few qc vnlts		5832		
66 - 99	Porphyritic Dacite Flow as above				
99 - 103	Porphyritic Dacite Flow + a few qc vnlts		5833		
103 - 123	Porphyritic Dacite Flow as above				
123 - 126	Porphryitic Dacite Flow + a few qc vnlts		5834		
126 - 128.5	Porphyritic Dacite Flow as above. Sharp lower contact at 34° to core axis.	34	5835		
128.5 - 133	**Feldspar Porphyry** - vfg, grey siliceous matrix with euhedral feldspar crystals. 3% disseminated pyrite. Chilled cts @ 30°	30	5836		
133 - 137	**Porphyritic Dacite Flow** as before-vfg, grn matrix with feldspar crystals and clots. Some sections are more andesitic.		5837		
137 - 141	Porphyritic Dacite Flow as above		5838		
141 - 146	Porphyritic Dacite Flow as above		5839		
146 - 216	Porphyritic Dacite Flow as above				
216 - 221	Porphyritic Dacite Flow as above. Gradational		5840		
221 - 226	**Porphyritic Dacite Flow** as above but becomes silicified and more fractured with a few qtz-carb veinlets @ 25-40° and more disseminated pyrite - 2%. Sharp lower ct @ 30	30	5841		
226 - 231	Porphyritic Dacite Flow - silicified		5842		
231 - 233.5	Porphyritic Dacite Flow - silicified		5843		
233.5 - 236.5	Porphyritic Dacite Flow - silicified, Sharp LC	30	5844		
236 - 241.9	**Porphyritic Dacite Flow** - fg, green, mass, more chloritic with only a few feldspar crystals - possibly andesitic. Sharp lower contact @ 45°	45			

241.9 - 252.5	Porphyritic Dacite Flow as above.	70	
252.5 - 257	Porphyritic Dacitic Flow as above Sharp lower contact @ 40°	40	
257 - 273	**Porphyritic Dacite Flow** - aphanitic, green, dense matrix with pale green sub-hedral feldspar crystals and clots to 10 mm. Typical dacite + a few narrow silicified sections associated with narrow quartz-carb + pyrite veinlets.		
273 - 277	Porphyritic Dacite Flow as above		5845
277- 282	Porphyritic Dacite Flow as above		5846
282 - 287	Porphyritic Dacite Flow as above		5847
287 - 292	Porphyritic Dacite Flow as above		5848
292 - 300	Porphyritic Dacite Flow as above.		

300' - FOOT OF HOLE. M-2 started drilling May 7th nd was completed May 8th , 1988. The collar is located 930 ft South and 380 ft West from Post # 1 of L.919892, Clifford Township, Larder Lake Mining Division, Ontario. Casing was left. 32 core boxes used.

MINETA RESOURCES LIMITED - Clifford Township Property

EXPLORATION BOREHOLE LOG — Hole M-5

HOLE # M - 5 **CO-OR:** 2E, 1S **DIP:** -57° @ 335 Az **LENGTH:** 442 ft.

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0 - 7	BW Casing. Start of Core				DIP TESTS
7 - 17	**Dacite Agglomerate** - angular, dacite porphyry and red cherty rhyodacite clasts and aphanitic green rhyolite clasts in green andesite matrix with 2% cg pyrite. Sharp LC is broken-up.				300' - 55°
17 - 58.5	**Andesite Flow** - fg, green, partly silicified dense, massive intermediate flow. Few chlorite filled amygdules and numerous pyrite-qtz filled fractures with associated epidote alteration @ 35°. Sharp lower contact at	35 70			
58.5 - 65.9	**Feldspar Porphyry Dyke** - aphanitic, brick red to grey matrix with euhedral , sub and anhedral feldspar crystals to 6 mm diameter. Few qtz eyes and up to 5% amphibole and 1% disseminated pyrite. Epidote filled fractures, sharp lower contact at 60°	60			
65.9 - 69.7	**Andesite Flow** - fg, green, massive as before with epidote-altered fractures. Sharp LC ct @	37			
69.7 - 86	**Feldspar Porphyry Dyke** - aphanitic, brick-grey, massive, with euhedral to anhedral white & pale green feldspar crystals to 1 cm diameter. A very weak chill zone with occasional qtz-py fracture @ 45°. 1% dissem pyrite. Sharp lower contact at 50°	50			
86 - 90.9	Feldspar Porphyry Dyke as above		5582	nil	tr 56
90.9 - 94	**Dacite Agglomerate** - angular dacite and rhyodacite clasts to 5 cm. 1" pink calcite-dolomite vein + pyrite. Weak sericite alteration.	50	5583	nil	tr 81
94 - 98.3	**Dacite Agglomerate** - grey rhyolite, porphyritic dacite, & pink rhyodacite clasts in andesite matrix. Minor to very weak pyrite but fractures are py filled. Lower contact @	60			
98.3 - 115.5	**Andesite Flow** - grey/green with chlorite spots (amygdules), a massive flow with numerous qtz-py epidote fractures at 40°.				

	GOLD ppb	SILVER oz/t	COPPER ppm
5582	nil	tr	56
5583	nil	tr	81

				GOLD ppb	SILVER oz/t	COPPER ppm
115.5 - 118.4	Andesite Flow as above but weakly altd Sharp lower contact at 50°	50	5745	nil		
118.4 - 123	**Feldspar Porphyry Dyke** - aphanitic brick red matrix with 1% pyrite and green plagioclase crystals. Sharp lower contact	35	5746	nil		
123 - 128	**Andesite Flow** - fg, green, massive flow with chlorite filled amygdules. Numerous qtz-calite-pyrite fractures with epidote alteration aureole - mostly at 30°. Weak silicification locally.	30	5747	nil		
128 - 133	Andesite Flow as above		5748	nil		
133 - 137	Andesite Flow as above		5749	nil		
137 - 141	Andesite Flow as above					
141 - 146	Andesite Flow as above		5751	10		
146 - 151	Andesite Flow as above		5752	nil		
151 - 156	Andesite Flow as above		5753	nil		
156 - 161	Andesite Flow as above		5754	nil		
161 - 166	Andesite Flow as above		5755	635		
166 - 167	Andesite Flow + 1.5" pyrite/calcite vein with 50% pyrite and 5 % chalcopyrite		5584	355	0.08	1270
167 - 171	Andesite Flow as above		5756	nil		
171 - 176	Andesite Flow as above		5757	10		
176 - 181	Andesite Flow as above		5758	nil		
181 - 186	Andesite Flow as above		5759	nil		
186 - 191	Andesite Flow as above		5760	nil		
191 - 196	Andesite Flow as above		5761	20		
196 - 201	Andesite Flow as above		5585	nil	tr	239
201 - 206	Andesite Flow as above		5586	20	tr	89
206 - 211.5	**Andesite Flow** - becomes weakly sericitized and cut by several qtz-dol vns and heavy pyrite at 40°. Sharp contact to breccia		5587	30	0.05	71
211.5 - 216	**Breccia** /Porphyritic Dacite - buff green, highly brecciated with 3% pyrite. Dolomite & quartz matrix fill with cg pyrite (5%) and minor chalcopyrite.		5588	70	0.03	44
216 - 221	Breccia as above		5589	90	0.02	77
221 - 226	Breccia as above		5590	80	0.05	105
226 - 231	Breccia as above		5591	30	0.02	61
231 - 236	Breccia as above		5592	nil	0.02	41
236 - 241	Breccia as above		5593	nil	0.01	27
241 - 246	**Breccia**/Andesitic-becomes more chloritic		5594	50	0.03	183
246 - 251	Breccia as above		5595	150	0.06	146
251 - 256	Breccia as above		5596	30	0.03	46

256 - 261	Breccia as above		5597	30	0.06	44
261 - 266	Breccia as above		5598	50	0.02	25
266 - 271	**Breccia**/Porphyritic Dacite - buff/green, 3% pyrite in quartz-dolomite matrix. 271-276' is breccia with vuggy + py crystals,286-291' has dolomite fill and smoky quartz, and 5% pyrite aureol between 306 to 316'		5599	70	0.02	17
				GOLD ppb	SILVER oz/t	COPPER ppm
271 - 276	Breccia as above + minor fuchsite		5600	30	0.02	37
276 - 281	Breccia as above + minor Fuchsite		5601	40	0.01	20
281 - 286	**Breccia**/Agglomeratic -gradational to agglom. with both porphyritic dacite & andesitic clasts.		5602	30	0.02	15
286 - 291	Breccia as above		5603	30	0.01	14
291 - 296	Breccia as above		5604	20	0.01	17
296 - 301	Breccia as above		5605	nil	0.01	18
301 - 306	**Breccia**/Porphyritic Dacite as above		5606	30	0.03	37
306 - 311	Breccia as above		5607	220	0.07	77
311 - 316	Breccia as above		5608	250	0.03	49
316 - 321	Breccia as above		5609	130	0.02	16
321 - 326	Breccia as above		5610	170	0.02	43
326 - 330	Breccia as above		5611	40	0.02	16
330 - 333	Breccia as above		5612	100	0.01	26
333 - 338	**Andesite Flow** - fg, green, massive and quite fresh with epidote alteration, associated with joints and or fractures plus pyrite.		5613	nil	0.02	219
338 - 343	Andesite Flow as above		5614	nil	0.01	295
338 - 348	Andesite Flow as above		5615	nil	nil	205
348 - 352	Andesite Flow as above					
352 - 354	Andesite Flow as above but weakly silicified near narrow qc vnlts and fracture fillings	20	5762	20		
354 - 357.2	Andesite Flow as above. Sharp lower ct at	50				
357.2 - 362	**Feldspar Porphyry Dyke** - aphanitic, grn matrix with speckled subhedral feldspar crystals (pale green) to 4 mm diameter. Occasional quartz eyes and quite massive with numerous qtz-epidote-py joints at 30-40°.					
362 - 365	Feldspar PorphyryDyke + .4" white qtz vein with pyrite at 35°. Sharp lower contact @ 30°	30	5763	70		
365 - 392	Feldspar Porphyry Dyke as above	30				
392 - 396	Feldspar Porphyry Dyke + few qc vnlts at	30	5764	30		
396 - 399	Feldspar Porphyry Dyke as above. LC @	30				
399 - 401	**Andesite Flow** as before, sharp lower ct	30				
401 - 405	**Feldspar Porphyry Dyke** as above	30				

405 - 410	**Andesite Flow** - fg. green, fresh and massive.			
410 - 415	Andesite Flow as above + few qc vnlts		5765	nil Au
415 - 420	Andesite Flow as above		5766	60
420 - 424.2	Andesite Flow as above. Sharp lower contact	45		
424.2 - 431.1	**Dacite Agglomerate** - silicified dacite - andesite and rhyolite angular clasts in andesite matrix with 2% pyrite. Fresh with sharp lower contact	42	5767	10
431.1 - 433	**Andesite Flow**- green, massive.			
433 - 437	Andesite Flow as above + qc vnlts& py. Sharp lower contact	40	5768	nil
437 - 442	**Dacite Agglomerate** as above, fresh			

442' - FOOT OF HOLE. M-5 started drilling May 2nd and was completed May 4th, 1988. The collar is located 1,110 ft South and 520 ft West from Post # 1 of L.919892, Clifford Township, Larder Lake Mining Division, Ontario. The casing was pulled. 46 core boxes used.

MINETA RESOURCES LIMITED - Clifford Township Property

EXPLORATION BOREHOLE LOG — Hole M-6

HOLE # M-6 **CO-OR:** 2E, 1S **DIP:** - 65° @ 335° Az **LENGTH: 550 ft.**

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb		Other
				GOLD ppb	SILVER oz/t	COPPER ppm
0 - 7	BW Casing. Start of Core					DIP TESTS
7 - 10.6	**Dacitic Agglomerate** - green/pink with aphanitic matrix and sharp lower contact @	32				300' - 65° 500' - 65°
10.6 - 16.8	**Andesite** - fg, green, fresh massive flow with a sharp lower contact @ 40°	40				
16.8 - 61	**Dacitic Agglomerate** - grey/green, aphanitic andesite matrix with pink and brick dacite porphyry clasts plus cherty rhyolite and andesite clasts, very angular. Sharp LC @	30				
61 - 66	Dacitic Agglomerate as above		5616	nil	tr	56
66 - 70	Dacitic Agglomerate as above		5617	nil	nil	86
70 - 73.2	Dacitic Agglomerate as above		5618	20	0.01	42
73.2 - 78	**Feldspar Porphyry Dyke**-aphanitic to fg, grey matrix with euhedral to subhedral pale green and white feldspar crystals. Disseminated pyrite 2% throughout, rare quartz eyes and sharp LC	30	5619	nil	nil	56
78 - 80	Feldspar Porphyry Dyke as above		5620	nil	0.01	210
80 - 85	Feldspar Porphyry Dyke as above		5621	nil	tr	153
85 - 90	Feldspar Porphyry Dyke as above		5622	nil	tr	106
90 - 95	Feldspar Porphyry Dyke as above		5623	nil	nil	95
95 - 100	Feldspar Porphyry Dyke as above		5624	nil	tr	221
100 - 105	Feldspar Porphyry Dyke as above		5625	nil	tr	109
105 - 109	Feldspar Porphyry Dyke as above		5626	20	tr	64
109 - 115	Feldspar Porphyry Dyke as above		5627	nil	nil	292
115 - 118	**Andesite Flow** - fg, green and quite fractured with pyrite, epidote and quartz @ 40° Sharp lower contact @ 40°	40	5628	10	nil	336
118 - 125.7	**Feldspar Porphyry Dyke** as before with euhedral plagioclase crystals and weak chilled contacts. Sharp lower contact	35				
125.7 - 141	**Andesite Flow** - fg, green and quite fresh, fractured with py, epidote fill and minor calcite and dolomite. Sharp lower contact @	35				
141 - 144.8	**Feldspar Porphyry Dyke** as before with chilled contacts at 30°	30				
144.8 - 184	**Andesite Flow** - fg, green with chlorite spots and epidote alteration. Fractures rich with pyrite. From 184-198.5' -3% pyrite in joints associated with epidote.					

			GOLD ppb	SILVER oz/t	COPPER ppm
184 - 188	Andesite Flow as above plus 3% pyrite in joints	5769	5		
188 - 191	Andesite Flow as above	5770	nil		
191 - 194.5	Andesite Flow as above	5771	20		
194.5 - 198.5	Andesite Flow as above	5772	20		
198.5 - 201.5	Andesite Flow as before + qtz-breccia and 2" quartz vein, 3% pyrite @ 50°	5629	90	0.01	246
201.5 - 230	Andesite Flow as before				
230 - 235	Andesite Flow as above	5630	nil	tr	125
235 - 240	Andesite Flow as above	5631	nil	0.01	309
240 - 244	Andesite Flow - bleached pale green to grey and riddled with several qtz-calcite veinlts and fracture fills + pyrite. Contact is brecciated 30	5632	3.55 oz/t	0.94	452
244 - 249	**Breccia**/Porphyritic Dacite - buff/green, sericitized and brecciated porphyry dacite unit. Partly andesite with 8% white and pink dolomite plus qtz fill with 4% py and 4% cpy up to 271', below qtz is dominant with rare cpy and only 2% py. Sharp lower contact @ 30° 30	5633	200	0.56	213
249 - 253	Breccia as above	5634	nil	0.01	42
253 - 257	Breccia as above	5635	nil	0.01	56
257 - 261	Breccia as above	5636	nil	0.06	291
261 - 266	Breccia as above	5637	70	0.77	6700
266 - 271	Breccia as above	5638	30	0.15	971
271 - 276	Breccia as above	5639	30	0.03	232
276 - 281	Breccia as above	5640	30	0.20	1070
281 - 286	**Breccia**/Andesitic - gradational to slightly more chloritic	5641	30	0.07	135
286 - 291	Breccia as above	5642	30	0.07	109
291 - 296	Breccia as above	5643	150	0.03	39
296 - 301	Breccia as above	5644	10	0.06	72
301 - 306	Breccia as above	5645	nil	0.03	37
306 - 311	Brecciaas above	5646	30	0.25	256
311 - 316	Breccia as above	5647	30	0.06	45
316 - 321	Breccia as above	5648	100	0.03	31
321 - 326	**Breccia**/Porphyritic Dacite as before	5649	80	0.02	26
326 - 331	Breccia as above	5650	50	0.03	27
331 - 336	Breccia as above	5651	80	0.05	23
336 - 341	Breccia as above	5652	100	0.39	48
341 - 346	Breccia as above	5653	10	0.02	13
346 - 351	Breccia as above	5654	30	0.01	11
351 - 356	Breccia as above	5655	20	0.02	17
356 - 361	Breccia as above	5656	20	0.03	28
361 - 366	Breccia as above	5657	30	0.01	10
366 - 371	Breccia as above	5658	40	0.01	22

			GOLD ppb	SILVER oz/t	COPPER ppb
371 - 376	**Breccia**/Agglomerate - begin to see various clasts (rhyolite, porphyry dacite, andesite) with less matrix. Gradational contacts	5659	160	0.01	14
376 - 381	Breccia /Agglomerate as above	5660	70	0.02	54
381 - 386	**Dacite Agglomerate** - grey/green andesitic matrix with dacite, andesite and rhyolite clasts to 5 cm, some are hematized to a red colour.	5661	nil	0.01	177
386 - 391	Agglomerate as above	5662	nil	tr	324
391 - 396	Agglomerate as above	5663	160	tr	180
396 - 400	Agglomerate as above	5664	10	nil	218
405 - 408	Agglomerate as above. Sharp chilled ct @ 40	5773	30		
409 - 424.1	**Feldspar Porphyry** - fg, grey siliceous matrix with euhedral white & pink plagioclase crystals to 6 mm, 6% py and few qtz eyes. LC @ 30				
424.1 - 433	**Porphyritic Andesite** - green, massive with few q-c veinlets + pyrite. Sharp lower ct 35				
433 - 436	Porphyritic Andesite as above + qc vnlts	5774	70		
436 - 447.6	Porphyritic Andesite as above				
447.6 - 465.5	**Andesite** - green, massive and quite fresh + several epidote healed joints @ 40° and minor pyrite. Sharp lower contact @ 40° 40				
465.5 - 469	Andesite as above + calcite/pyrite joints	5775	20		
469 - 492	Andesite as above				
492 - 495	Andesite as above + calcite/pyrite joints	5665	30	0.01	264
495 - 509	Andesite as above				
509 - 511	Andesite as above + calcite/pyrite joints	5666	110	0.06	207
511 - 516.6	Andesite as above				
516.6 - 529.1	**Feldspar Porphyry Dyke**- grey/green, fg & massive with sharp lower contact @ 35° 35				
529.1 - 544.7	**Andesite** - as above with few clasts, becoming more agglomeritic. Sharp lower ct 33				
544.7 - 550	**Dacite Agglomerate** - grey/green, vfg andesite matrix with porphyry dacite, rhyolite and andesite clasts.				

550' - FOOT OF HOLE. M-6 started drilling May 4th and was completed May 5th, 1988. The collar is located 1,110 feet South and 520 feet West from Post # 1 of L.919892, Clifford Township, Larder Lake Mining Division, Ontario. The casing was left in the hole. 58 core boxes used.

MINETA RESOURCES LIMITED - Clifford Township Property

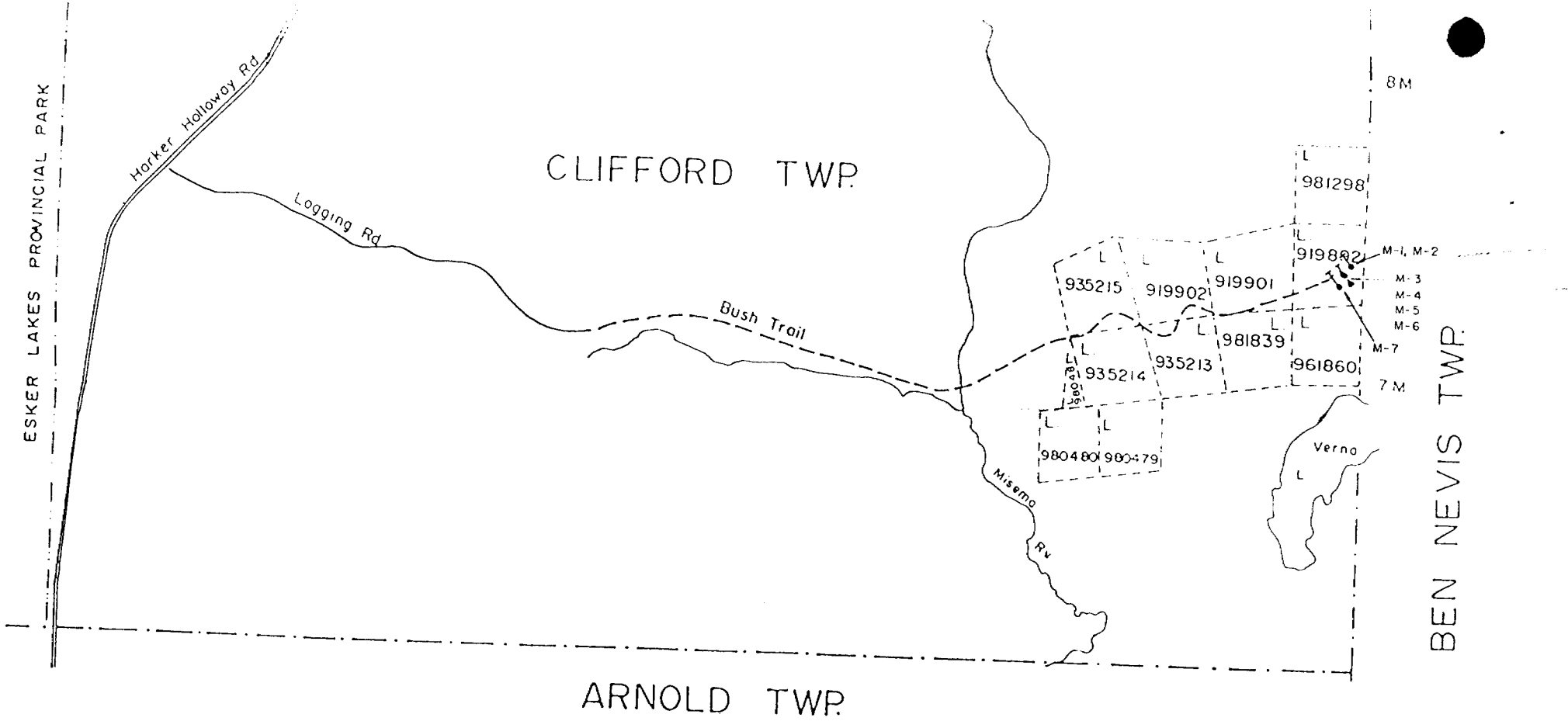
EXPLORATION BOREHOLE LOG — Hole M-7

HOLE # M - 7 **CO-OR:** 0+00, 1+20 S **DIP:** -45° @ 335° Az **LENGTH: 351** ft.

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0 - 4	BW Casing. Start of Core.				DIP TESTS
4 - 9	**Dacite Flow** - vfg, grey, hard and dense with only very minor pyrite & rare feldspar porphyroblasts. Sharp lower contact @	30	5849		200' - 44°
9 - 14	Dacite Flow as above		5850		
14 - 19	Dacite Flowas above		5851		
19 - 23	Dacite Flow as above		5852		
23 - 26	Dacite Flow as above		5853		
26 - 30	**Dacite Agglomerate** - dacite and andesite clasts to 5 cm in green chloritic matrix.		5854		
30 - 33.5	Dacite Agglomerate as above. Sharp lower ct @	40	5855		
33.5 - 37	**Dacite Flow** - vfg, grey, massive with rare feldspar porphyroblasts. Minor chlorite spotting & very minor disseminated pyrite throughout.		5856		
37 - 42	Dacite Flow as above		5857		
42 - 47	Dacite Flow as above		5858		
47 - 52	Dacite Flow as above		5859		
52 - 57.2	Dacite Flow as above. Sharp lower ct	45	5860		
57.2 - 59.5	**Andesite** - fg, green, massive & fresh with occasional epidote healed fractures at 40-60°.		5861		
59.5 - 79	Andesite as above				
79 - 82	Andesite as above		5862		
82 - 86	Andesite as above. Sharp lower contact @	55	5863		
86 - 91	**Feldspar Porphyry** - fg, grey matrix with pink and cream euhedral feldspar crystals to 6 mm. Considerable chlorite spotting. Less than 1% pyrite. Sharp lower contact @ 45°	45	5864		
91 - 96	**Andesite** as above with few narrow qtz-carb pyrite fracture fillings @ 50°.		5865		
96 - 101	Andesite as above		5866		
101 - 106	Andesite as above		5867		
106 - 111	Andesite as above		5868		
111 - 114.5	Andesite as above. Sharp lower contact @	65	5869		
114.5 - 119	**Feldspar Porphyry** - aphanitic to fg, grey matrix with euhedral feldspar crystals to 5 mm.		5870		
119 - 124	Feldspar Porphyry as above		5871		
124 - 127	Feldspar Porphyry as above		5872		
127 - 131	Feldspar Porphyry as above. Sharp lower ct at	60	5873		

131 - 135	**Andesite** - fg, green, massive + a few calcite-pyrite filled fractures @ 45°.	45	5874
135 - 140	Andesite as above		5875
140 - 145	Andesite as above		5876
145 - 150	Andesite as above		5877
150 - 154.5	Andesite as above		5878
154.5 - 169	Andesite as above		
169 - 171	Andesite as above + 2" calcite vnlt @ 70	70	5879
171 - 178	Andesite as above		
178 - 181	Andesite as above + .5" qtz/epidote/py vnlt @	55	5880
181 - 207	Andesite as above		
207 - 210	Andesite as above		5881
210 - 214	Andesite as above		5882
214 - 226	Andesite as above		
226 - 229	Andesite as above		5883
229 - 237	Andesite as above		
237 - 241	Andesite as above		5884
241 - 243.5	Andesite as above. Sharp lower contact at	60	
243.5-253.7	**Feldspar Porphyry** - fg, grey, massive dacitic matrix with suhedral feldspar crystals to 9 mm. Very minor disseminated pyrite (<.5%). Sharp, chilled contacts at 45°	45	
253.7 - 268	**Andesite** - green, massive and fresh.		
268 - 271	**Feldspar Porphyry** - as before with sharp, chilled lower contact @ 50°	50	
271 - 286.1	**Andesite** - massive green and fresh. Ct @	45	
286.1 - 293.8	**Feldspar Porphyry** as above. Ct @	45	
293.8 - 305	**Andesite** - vfg, green, massive with a few epidote healed fractures + pyrite @ 40°	40	
305 - 310	Andesite as above		5885
310 - 315	Andesite as above		5886
315 - 320	Andesite as above		5887
320 - 325	Andesite as above		5888
325 - 330	Andesite as above		5889
330 - 335	Andesite as above		5890
335 - 340	Andesite as above		5891
340 - 340	Andesite as above		5892
345 - 351	Andesite as above		5893

351' - FOOT OF HOLE. M - 7 started drilling May 9th and was completed on May 10th, 1988. The collar is located 1,210 feet South and 690 feet West from Post # 1 of L.919892, Clifford Township, Larder Lake Mining Division, Ontario. The casing was left. 38 core boxes used.



CLAIM MAP

Obradovich Property

CLIFFORD TWP. LARDER LAKE MINING DIVISION

ONTARIO

1" = 1/2 mile

R.A. BENNETT and ASSOCIATES

SUDBURY, CANADA

Ministry of Northern Development and Mines
Ontario

Report of Work

DOCUMENT N
W8808·3
Mining

32D05SW0010 20 CLIFFORD

900

Name and Postal Address of Recorded Holder

Tom Obradovich K 19837

19 Comfort St., Kirkland Lake, Ont

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 2043 1930

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
L	919892	160	L.	980479	160			
	919901	160		980480	160			
	919902	160		980481	160			
	935213	160		981298	160			
	935214	160		981839	170			
	935215	160						
	961860	160		Hold in Reserve for later use	113			

LARDER LAKE MINING DIV. RECEIVED JUN 27 1988 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

All the work was performed on Mining Claim(s): L. 919892, Clifford Twp.

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Drilled by: Heath & Sherwood (1986) Drilling, Kirkland Lake, Ont

Equipment: Boyles HS-20A Wireline Diamond Drill

Core Size: BQ DATES: April & May 1988

Boreholes: M-1 = 400 ft
M-2 = 300 ft
M-5 = 442 ft
M-6 = 550 ft
M-7 = 351 ft
Total = 2043 ft

ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE JUL 26 1988 RECEIVED

RECORDED 2043 ft JUN 27 1988 Receipt #

Location: Clifford Twp, Larder Lake Mining Division, Ontario. Approx 1000'S & 550'W of Post #1 of L. 919892

Date of Report	Recorded Holder or Agent (Signature)
June 21/88	

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

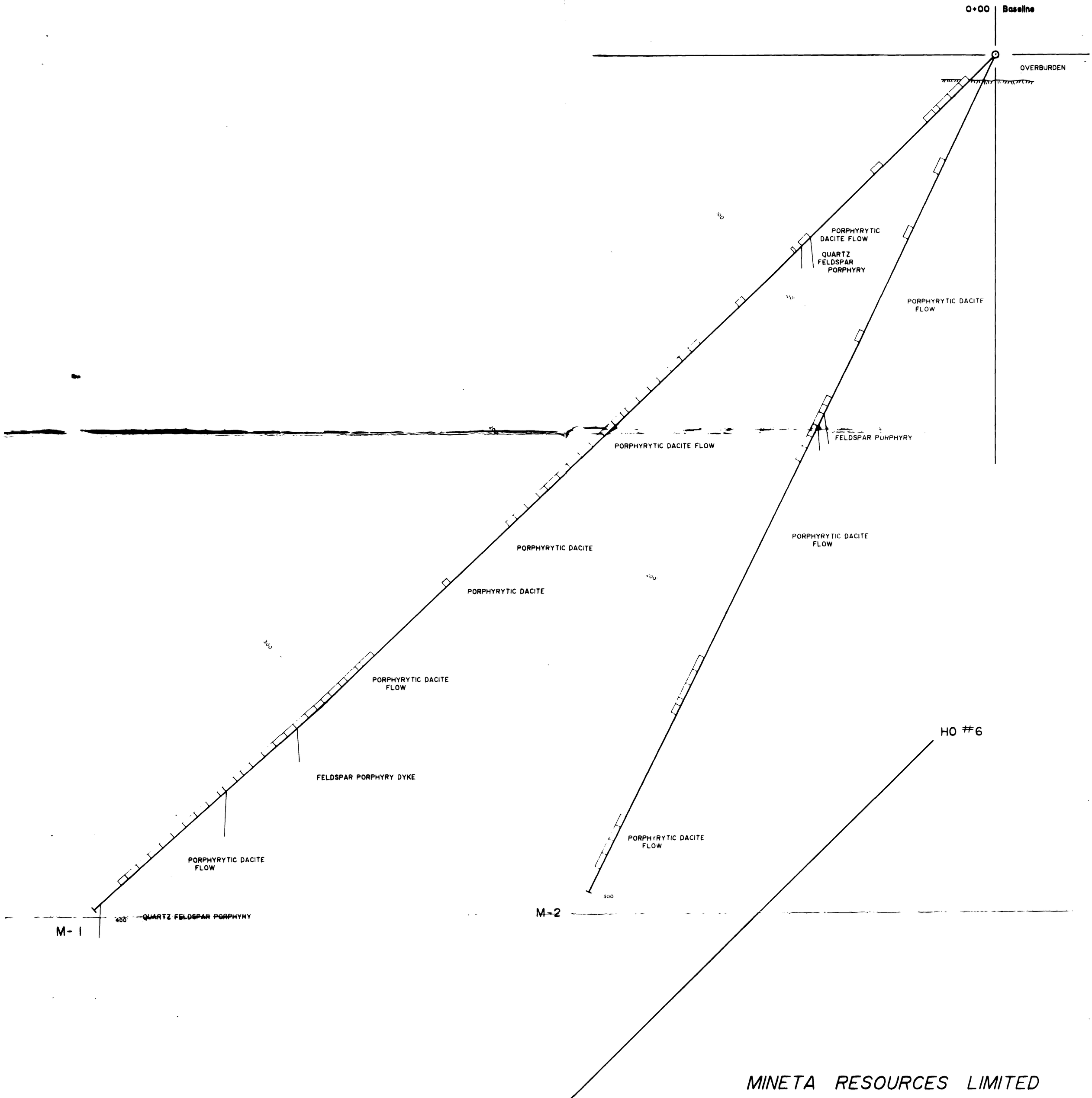
ROBERT A. BENNETT, PENG., RR 4, SITE 37, BOX 1 SUDBURY, ONTARIO, P3E 4M9

Date Certified	Certified by (Signature)
June 21/88	

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. **Note:** Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil

788 (85/12)



MINETA RESOURCES LIMITED

DRILL SECTION 4+00E

CLIFFORD TOWNSHIP PROPERTY

Larder Lake Mining Division - Ontario

Scale : 1 inch = 20 feet

May 1988

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
JUL 26 1989
RECEIVED

Boreholes M-1
M-2

MINETA RESOURCES LIMITED

DRILL SECTION 2+00E

CLIFFORD TOWNSHIP PROPERTY

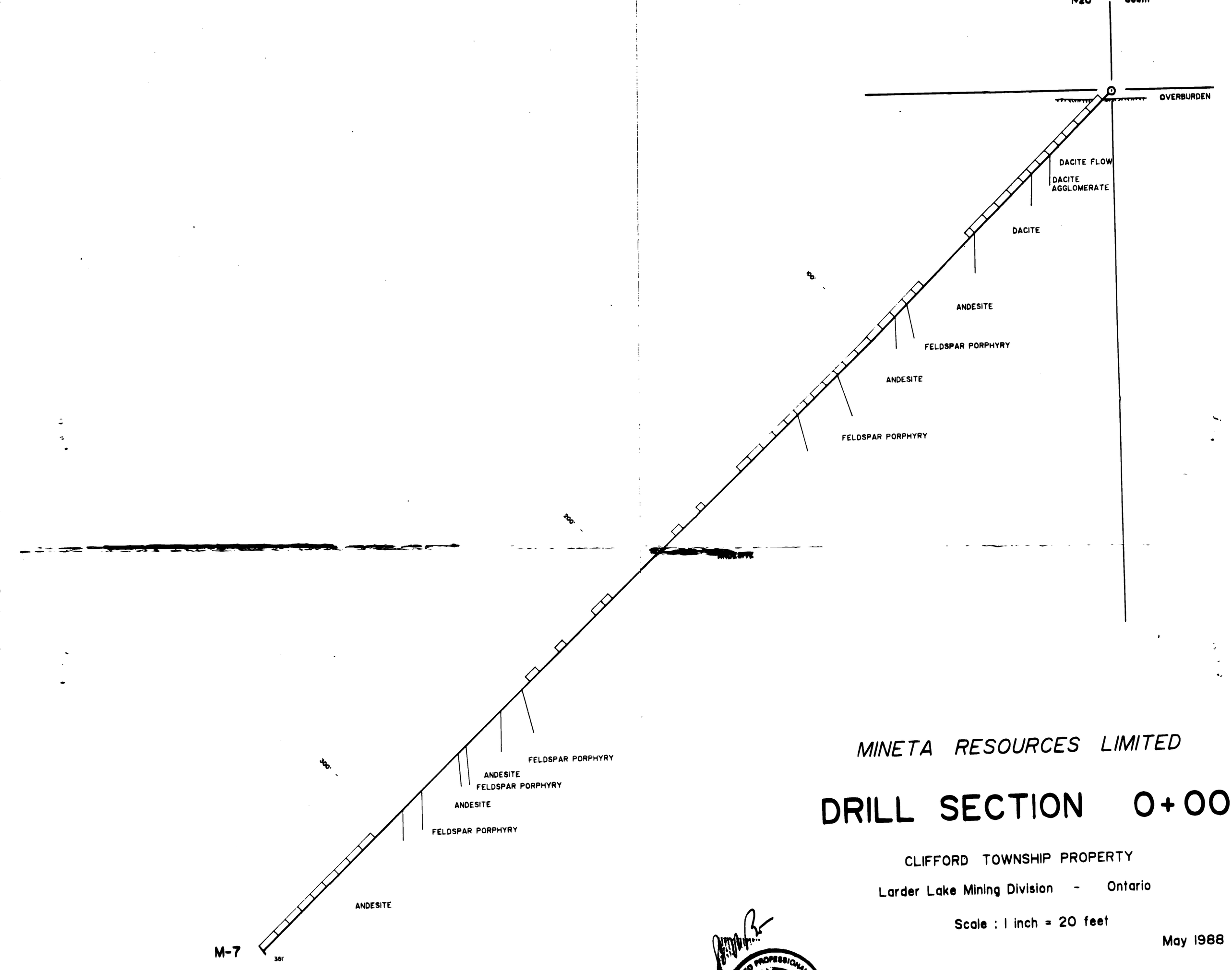
Larder Lake Mining Division - Ontario

Scale : 1 inch = 20 feet

May 1988

Boreholes M-3
M-4
M-5
M-6

R. A. BENNETT
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO



MINETA RESOURCES LIMITED

DRILL SECTION 0+00

CLIFFORD TOWNSHIP PROPERTY

Larder Lake Mining Division - Ontario

Scale : 1 inch = 20 feet

May 1988

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

Borehole M-7