


MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG 89-1

Shallow River Showing Area - Coulson/Warden Township

HOLE # 89-1 CO-OR: 166.5E, 74.7N DIP: -45° due South LENGTH: 407 ft.

FOOTAGE ft. II	GEOLOGY	CA. SAMPLE #	ASSAY	Other pphpb
0-77	Overburden			Acid Dip Tests
77-81	Boulder - Dacitic Tuff			• 200' - 40'
81-89	Overburden. Start of Core			• 400' - 37'
89-105	Dacite Tuff - fg, massive, pale grey/green cut by a few pink dolomite veinlets. Locally brecciated with pink and black carb fill. No sulphides. Weak alteration at lower ct.			
105-107	Fault Zone - highly weathered and brecciated dacitic gouge. Structure @ 50° to core axis.	50		
107 - 110.5	Quartz-Feldspar Porphyry- pinkish/grey highly brecciated to shattered dyke with graphite matrix-fill riddled with barren white quartz veinlets.	45		
110.5-119.5	Dacite Tuff - altered, yellowish, sericitized and fractured volcanic riddled with grey and white quartz-carbonate veinlets at all angles. Several small flecks of fuchsite throughout.			
119.5-121	Dacite Tuff as above with 2% pyrite in qtz veins	39280	77 ppb Gold	
121-133.5	Dacite Tuff as above			
133.5-148	Rhyodacite Lapilli Tuff - vfg, grey, very hard and dense volcanoclastic locally fractured & brecciated with quartz-carbonate fill and very minor pyrite (<1%). Numerous fuchsite flecks disseminated throughout. Several small areas of alteration associated with pyrite-rich quartz veining.			
148-152	Rhyodacite Tuff as above with pyritic qtz vn	45	39281	86
152-155	Rhyodacite Tuff as above with pyritic qtz vn	50	39282	43
155-160	Rhyodacite Tuff as above with pyritic qtz vn		39283	180
160-182	Rhyodacite Tuff as before			
182-195	Dacite Tuff - fg, grey, fractured and brecciated with black graphite fill. No sulphides.			
195-207	Rhyodacite Tuff - vfg, grey, hard and dense cut by a few qtz veinlets.			
207-209	Rhyodacite Tuff as above cut by a few quartz veinlets carrying disseminated pyrite.	50	39284	66

continued page 2.

209-219	Rhyodacite Tuff as above			
219-222	Rhyodacite Tuff as above with quartz veins	50	39285	145 ppb Gold
222-227	Rhyodacite Tuff + quartz veins as above		39286	96
227-232	Rhyodacite Tuff + quartz veins as above		39287	125
232-236	Rhyodacite Tuff + quartz veins as above		39288	56
236-240.5	Rhyodacite Tuff + qtz/pyrite veins. Becomes highly brecciated toward lower ct @ 60.	60	39289	56
240.5-247	Graphite - black, massive with round pyrite nodules (5%) and a few py stringers (beds). Sharp lower contact at 60'	60	39290	154
247-250	Rhyodacite Agglomerate - buff-altered and highly fractured cut by a few blue quartz veins at 60'. 20% brown pyrite mostly as clasts. Minor flecks of fuchsite.	60	39291	71
250-252.5	Graphite - black with pyrite nodules	50	39292	73
252.5-256	Rhyodacite Agglomerate with 8% brown pyrite mostly as clasts. Graphitic matrix.		39293	25
256-260	Rhyolite Agglomerate as above		39294	37
260-264	Rhyolite Agglomerate with several white and grey quartz veinlets. 3% pyrite as clasts.	50	39295	58
264-269	Rhyolite Agglomerate as above		39296	43
269-274	Rhyolite Agglomerate as above		39297	59
274-278	Rhyolite Agglomerate as above		39298	69
278-283	Rhyolite Agglomerate as above		39299	48
283-284	Graphite - black + pyrite nodules. Bedding @	35	39300	58
284-289	Rhyolite Agglomerate-Lapilli Tuff - fresh		39301	11
289-293	Rhyolite Agglomerate as above		39302	7
293-296	Pyrite - massive brown py with a few blue quartz veinlets and pink dolomite veinlets.	45	39303	67
296-300.5	Bedded Dacitic Tuff - fg to mg. fresh, pale well-bedded tuff @ 50' to core axis.	50		
300.5-380	Dacite - fg, fresh, massive, grey flow or possibly tuff with a few pink dolomite-filled fractures.			
380-385	Dacite Tuff - mg, grey, strongly carbonated and foliated (30') lapilli tuff.			
385-387	Dacite as above			
387-407	Dacite - carbonated and strongly foliated at 35-40'. May in part be a lapilli tuff			

Metallics - tr

407 - FOOT OF HOLE 89-1

Hole 89-1 started moving-in on October 24 and was completed October 30th, 1989. Core Size - BQ. The casing was pulled and 19 core boxes were used. The collar is located 500 ft south and 550 ft west of Post #1 of claim L.935243, Coulson Township, Larder Lake Mining Division.

MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG 89-2**Shallow River Showing Area - Coulson/Warden Township****HOLE # 89-2 CO-OR: 165.35E, 74.6N DIP: -45° due South LENGTH: 367 ft.**

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0-116	Overburden. Start of Core				Acid Dip Tests
116-177	Dacite Tuff - vfg, pale grey to locally weakly buff-altered. Locally quite fractured to brecciated with graphite fill. Few quartz-carbonate veinlets associated with areas of weak sericification. Occasional pink dolomite fracture-fill. Only very rare pyrite and green fuchsite flecks. Gradational to massive buff-altered flow of Andesite composition.	45			• 350' - 39'
177-180	Buff-altered Andesite Flow - vfg. buff to yellow coloured, sericitized and carbonatized lava variably fractured with quartz-carb veinlets and 1% pyrite.		39304	18 ppb Gold	
180-183	Buff-altered Andesite as above with several quartz veinlets + pyrite at 45°.		39305	.056 oz/ton Gold	
183-187	Buff-altered Andesite as above		39306	97 ppb Gold	
187-192	Buff-altered Andesite as above		39307	71	
192-197	Buff-altered Andesite as above. Gradational lower contact to less altered.		39308	53	
197-216	Andesite - vfg, massive, very weakly buff-altered with a few barren white qtz-carb vnits. Gradational lower contact to more altered.				
216-221	Buff-altered Andesite - fg, buff to yellow, strongly to moderately fractured and brecciated with qtz-carb breccia-fill and veins + 1% pyrite • 40 to 50°.	45	39309	171	
221-225	Buff-altered Andesite as above		39310	686	
225-230	Buff-altered Andesite as above		39311	129	
230-234	Buff-altered Andesite as above		39312	265	
234-239	Buff-altered Andesite as above		39313	96	
239-244	Buff-altered Andesite as above		39314	130	
244-248	Buff-altered Andesite as above		39315	84	
248-252	Buff-altered Andesite as above Becomes more altered.		39316	200	

252-254.5	Cherty Tuff - grey, strongly foliated volcano-sediment with 3-5% pyrite. Bedding @ 40°. Sharp lower contact at 45°.	40	39317	261 ppb	Metallics -.006
254.5-259	Blue Quartz Vein - hard, brecciated, cherty with 15% pyrite disseminated and as clasts to 3 cm diameter. Weak foliation @ 35°.	40	39318	228	Metallics -.004
259-263	Blue Quartz Vein as above + 1 ft purple felsic dyke at 260' with contacts @ 55°.	35	39319	139	Metallics -.002
263-267.4	Blue Quartz Vein as above. Sharp contact at	40	39320	181	Metallics -.002
267.4-270	Graphite - fg, black with 2% pyrite as nodules. Few white qtz veinlets. 3" mud seam at 268.5' with foliation at 35°. Sharp ct at 50°.	50	39321	78	
270-273.5	Dacite Tuff -fg, pale grey, foliated at 20-50' badly broken zone with graphite fill. Bedding suggest stratigraphic tops North.		39322	44	
273.5-278	Dacite Tuff - fg to mg, pale grey, fractured to brecciated and weakly foliated (30-40'), rare veinlet and sulphides.	35	39323	12	
278-283	Dacite Tuff as above		39324	17 ppb	Gold
283-297.5	Andesite - fg, grey, dense but quite fractured.	65			
297.5-298	Graphite - fg, black seam with contacts at 65°	65			
298-367	Dacite Tuff - fg, grey to locally weakly buff coloured associated with qtz-filled fractures. No pyrite. Locally lapilli-sized clast.				

365 - FOOT OF HOLE 89-2

Hole 89-2 started drilling October 30th and was completed November 1st, 1989. Core Size - BQ. The casing was pulled and 14 core boxes were used. The collar is located 510 ft south and 650 ft west of Post #1 of claim L.935243, Coulson Township, Larder Lake Mining Division.

MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG 89-3**Shallow River Showing Area - Coulson/Warden Township****HOLE # 89-3 CO-OR: 171.0E, 74.5N DIP: - 45° due South LENGTH: 457 ft.**

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0-30	Overburden. Start of Core.				Acid Dip Tests
30-49	Dacite Tuff - fg. grey, quite massive but locally fractured with black graphitic fill.	45			e 200' - 37' e 400' - 35'
49-61	Graphitic Dacite Tuff - fg. grey as above but moderately fractured with graphite fill to 5%.	45			
61-68	Dacite Tuff as above. Sharp contact at 55'	55			
68-73	Buff-altered Dacite - fg. silicified and buff to to yellow coloured cut by several narrow white quartz veinlets, rare pyrite.		39325	8 ppb Au	
73-76.6	Buff-altered Dacite as above		39326	7	
76.5-77.5	Rusty Oxided Rubble - likely a seam in the tuff extending from subcrop.				
77.5-96	Dacite Tuff - fg. grey, locally fractured with graphitic fill. No sulphides.				
96-123	Buff-altered Dacite Tuff -fg with more graphite filled fractures and graphite beds (55').	55			
123-126	Buff-altered Dacite Tuff as above with a few quartz veins with <1% pyrite.	55	39327	10	
126-130	Buff-altered Dacite Tuff as above + 1' black cherty bed at 127'.	50	39328	3	
130-194	Weak Buff-Altered Dacite Tuff + a few minor graphite-filled fractures. Becomes foliated at 30 to 40' toward lower contact. Gradational lower contact to strongly foliated tuff.	35			
194-198	Dacite-Graphite Schist Zone - highly foliated transition zone.	40	39329	64	
198-202	Graphite - massive, black with nodular pyrite to 2.5 cm diameter (10%).	40	39330	225	
202-207	Graphitic Tuff - intermixed dacite tuff and graphite beds.	35	39331	119	
207-213	Graphite - massive, black + pyrite nodules	40	39332	211	
213-217.5	Quartz-Pyrite Vein with graphite - quite brecciated. 15% pyrite. Broken core.		39333	75	Metallics- .002 oz/ton
217.5-222	Silicified Tuff cut by several quartz veinlets with minor pyrite. Sharp lower contact at 45.	45	39334	40	

222-224.3	Graphite - fg. black, nodular pyrite - 5%	39335	254 ppb Au
224.3-227	Quartz-Pyrite Vein - smokey blue quartz vein with 8% pyrite cementing angular rhyolite clasts. A few minor secondary white qtz veins.	39336	56 Metallics- .002
227-231	Rhyolite Agglomerate - large, angular rhyolite and brown pyrite clasts (Mill Rock) cut by a few barren white quartz veinlets.	39337	15 Metallics- trace
231-235	Rhyolite Agglomerate as above. Last ft is mass 50 brown pyrite vein at 50' to core axis.	39338	263 Metallics- .004
235-238	Rhyolite Agglomerate - cherty, grey, hard, angular rhyolite in mg tuffaceous matrix. 5% angular pyrite clasts to 1 cm diameter.	39339	37 Metallics- .002
238-242	Rhyolite Agglomerate as above	39340	95 ppb
242-247	Rhyolite Agglomerate as above	39341	78
247-250	Rhyolite Agglomerate as above but gradational to tuff with fewer and fewer clasts.	39342	110
250-255	Rhyodacite Tuff - fg. grey, hard, very weakly buff-altered with only rare disseminated pyrite and a few barren white quartz veins.	39343	93
255-260	Rhyodacite Tuff as above	39344	107
260-265	Rhyodacite Tuff as above	39345	36
265-270	Rhyodacite Tuff as above	39346	97
270-276	Rhyodacite Tuff as above	39347	132
276-281	Rhyolite Agglomerate - grey, hard, silicified 40 with several narrow white quartz vein fracture-fills at 40 to 80'.	39348	147
281-286	Rhyolite Agglomerate as above	39349	143
286-290	Rhyolite Agglomerate as above	39350	69
290-295	Rhyolite Agglomerate as above	39351	11
295-299	Rhyolite Agglomerate as above. Sharp ct @ 40	39352	45
299-304	Feldspar Porphyry - fg, dense, very hard. Ct @ 50	39353	48
304-308	Rhyodacite Tuff - mg, weak buff-alteration with a few quartz veinlets.	39354	51 Metallics- trace
308-313	Rhyodacite Tuff as above. Shear zone at 310' @ 40	39355	36
313-318	Rhyolite Agglomerate - grey to weak buff-altd and cut by a few white qtz veinlets at 55'.	39356	25
	Only very minor disseminated pyrite (<1%).		
318-323	Rhyolite Agglomerate as above	39357	22
323-328	Rhyolite Agglomerate as above	39358	26
328-333	Rhyolite Agglomerate as above	39359	33
333-338	Rhyolite Agglomerate as above	39360	59 Metallics- trace
338-343	Rhyolite Agglomerate as above	39361	43 Metallics- trace

343-346	Rhyolite Agglomerate as above with 9" massive pyrite seam at 344'. 20% quartz veining.	39362	672	Metallics- .021
346-350	Rhyolite Agglomerate - grey, silicified and altered with numerous quartz veins and 10% pyrite. May in part be a breccia.	39363	118	Metallics- .004
350-354	Rhyolite Agglomerate as above	39364	154	Metallics- .006
354-358	Rhyolite Agglomerate as above	39365	30	Metallics- trace
358-362	Rhyolite Agglomerate as above	39366	27	Metallics- trace
362-366	Rhyolite Agglomerate as above	39367	45	Metallics- .002
366-370	Rhyolite Agglomerate as above	39368	29	Metallics- .002
370-375	Rhyolite Agglomerate as above	39369	18	Metallics- .004
375-380	Graphitic Tuff - banded dacitic tuff and graphite with minor pyrite.	39370	33	Metallics- .002
380-385	Graphitic Tuff as above	39371	43	Metallics- trace
385-389	Pyrite - massive, brown	39372	879	Metallics- .026
389-392	Dacite Tuff - grey, silicified and highly brecciated tuff cut by numerous qtz veins. Minor pyrite.	39373	19	Metallics- .004
392-395.5	Pyrite - massive, brown	39374	321	Metallics- .012
395.5-400	Dacite Tuff - mg, fresh, well-bedded with minor pyrite and a few qtz veinlets	35 39375	8	
400-405	Dacitic Tuff as above	39376	12	
405-442	Dacitic Tuff as above			
442-446.5	Quartz Breccia Vein - grey-white with 3% py	39377	33	
446.5-457	Dacite Tuff - fg, grey, massive.			

457 - FOOT OF HOLE 89-3

Hole 89-3 started drilling November 4th and was completed November 6th, 1989. Core Size - BQ. The casing was pulled and 23 core boxes were used. The collar is located 520 ft south and 90 ft west of Post #1 of claim L.935243, Coulson Township, Larder Lake Mining Division.

MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG 89-4
Shallow River Showing Area - Coulson/Warden Township
HOLE #89-4 CO-OR: 172E, 74N DIP: -45° e 180° LENGTH: 450 ft.

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0-20	Casing, Overburden. Start of core.				DIP TESTS
20-39	Dacite Tuff - fine grained, weathered, rusty intermediate tuff with graphite-filled fractures.	45			e 200' - 43'
39-101	Dacite Tuff - fine grained, pale grey, micro-fractured with graphitic fill. Few oxidized fractures at 35°. Tuff becomes quite massive and resembles a flow. Minor pyrite and a few green fuchsite grains.	35			
101-101.2	Fault-Mud Seam	60			
101.2-107	Graphitic Tuff - dacitic tuff with >10% graphite mostly as fracture-fill.	35			
107-192	Dacite Tuff - fg, grey to weak buff-grey with occasional graphite-filled microfractures. Few barren, white qtz-carbonate veins. Weak schistosity development e 35° toward more altered lower contact (40°).	35			
192-197	Graphitic Tuff - highly schistose graphite intermixed with quartz vein material and tuff	35			
197-201.5	Fault - Graphite Mud Zone	40			
201.5-206	Rhyodacite Agglomerate - buff-yellow, highly altered and fractured with quartz and pyrite (3%) fill. May in part a breccia.		39378	66 ppb Au	
206-210	Rhyodacite Agglomerate as above		39379	77	
210-214	Rhyodacite Agglomerate as above		39380	106	Metallics-.002
214-218	Rhyodacite Agglomerate as above		39381	170	Metallics-.005
218-222	Rhyodacite Agglomerate as above with a 6" graphitic tuff band at 50' to core axis. Pyrite content increases to >5%.	50	39382	338	Metallics-.015 troy oz/ton
222-226	Rhyodacite Agglomerate as above		39383	762	Metallics-.020
226-229.5	Rhyodacite Agglomerate. Contact at 40°	40	39384	112	Metallics-.002
229.5-233.5	Blue Quartz Vein with 20% pyrite	40	39385	405	Metallics-.013
233.5-236	Rhyodacite Agglomerate + 20% pyrite & blue quartz veins. Highly fractured and altered.	40	39386	293	Metallics-.004
236-237	Graphite Mud/Fault Zone at 35°	35	39387	211	

continued... page 2.

237-241	Quartz Breccia Vein - blue and grey and white 40 quartz breccia zone riddled with 2 generations of quartz-carbonate veinlets at all angles. 3-5% pyrite in patches or clasts and dissem- inated throughout.	39388	58 ppb Au
241-246.5	Quartz Breccia Vein as above	39389	32
246.5-252	Graphite - massive, fine grained, black with 45 5% nodular pyrite. Weakly schistose at 40-50.	39390	239
252-257	Graphite as above	39391	166
257-260	Quartz Breccia Vein - dark grey to blue, highly 50 brecciated and silicified zone riddled with numerous secondary qtz-carb veinlets. 3-5% pyrite throughout. May in part be agglomeratic.	39392	123 Metallics-.002
260-264	Quartz Breccia Vein as above but with 8" massive brown pyrite seam.	39393	69
264-268	Quartz Breccia vein as above	39394	71
268-273	Quartz Breccia Vein as above	39395	25
273-277	Quartz Breccia Vein as above	39396	55
277-282	Quartz breccia Vein as above. Last 4" is 40 massive pyrite. Lower contact at 40°.	39397	115 Metallics-.002
282-289	Graphite - fg, black with 5% pyrite and a few 40 cherty inclusions.	39398	122
289-293	Rhyolite Agglomerate - angular, white rhyolite 40 and rhyodacite clasts in a grey mg matrix with 1% disseminated pyrite a few pyrite clasts. Pseudobedding at 40°. A few minor, barren qtz-carb veinlets.	39399	53
293-297	Rhyolite Agglomerate as above	39400	181
297-300	Rhyolite Agglomerate as above	39401	26
300-305	Rhyolite Agglomerate as above	39402	27
305-310	Rhyolite Agglomerate as above. Gradational ct.	39403	121
310-315	Rhyolite Agglomerate - pale grey to weakly buff- altered with 5% pyrite as angular clasts. Few pinkish qtz-carb veinlets with minor pyrite.	39404	19
315-320	Rhyolite Agglomerate as above	39405	34
320-325	Rhyolite Agglomerate as above	39406	85
325-330	Rhyolite Agglomerate as above but clasts size begin to decrease. Gradational lower contact.	39407	56
330-335	Lapilli Tuff- medium grained, angular felsic tuff with occasional larger rhyolitic clasts and pyrite clasts. Weakly buff-altered and cut by several qtz-carb veinlets with <1% pyrite.	39408	82
335-340	Lapilli Tuff as above	39409	30
340-345	Lapilli Tuff as above	39410	40

345-350	Lapilli Tuff as above	39411	18 ppb Au
350-355	Lapilli Tuff as above	39412	14
355-360	Lapilli Tuff as above	39413	17
360-365	Lapilli Tuff as above	39414	43
365-370	Lapilli Tuff as above	39415	12
370-375	Lapilli Tuff as above	39416	26
375-380	Lapilli Tuff as above	39417	52
380-385	Lapilli Tuff as above	39418	38
385-390	Lapilli Tuff as above	39419	15
390-395	Lapilli Tuff as above but grades to more large angular rhyolitic clasts.	39420	17
395-400	Rhyolite Agglomerate - grey to weakly buff-altered massive and hard volcanoclastic with 2% pyrite as clasts. Several barren, white qtz-carb veinlets.	39421	11
400-405	Rhyolite Agglomerate as above	39422	36
405-410	Rhyolite Agglomerate as above	39423	63
410-415	Rhyolite Agglomerate as above	39424	27
415-420	Rhyolite Agglomerate as above	39425	36
420-425	Rhyolite Agglomerate as above	39426	77
425-430	Rhyolite Agglomerate as above	39427	81
430-435	Rhyolite Agglomerate as above	39428	71
435-440	Rhyolite Agglomerate as above	39429	80
440-445	Rhyolite Agglomerate as above	39430	26
445-450	Rhyolite Agglomerate as above	39431	32

450 - FOOT OF HOLE 89-4

Hole 89-4 started drilling November 6th and was completed November 8th, 1989. Core Size - BQ. The casing was pulled and 24 core boxes were used. The collar is located 570 ft south and 12 ft east of Post # 4 of claim L.935310, Warden Township, Larder Lake Mining Division.

MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG 89-5

Shallow River West Area - Coulson Township

HOLE #89-5 CO-OR: 151E, 77N DIP: -50° e 360° LENGTH: 675 ft.

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0-121	Overburden, Casing. Start of Core.				DIP TESTS
121-163.5	Andesite - very fine grained, pale grey with occasional pillow rind. Quite fractured but only a few barren carbonate veinlets. Very weak foliation at 30 to 50°. Only rare pyrite. Sharp lower contact at 40°.	40			e 200' - 42° e 400' - 39° e 600' - 24°
163.5-170	Sheared Andesite - strongly foliated and brecciated to locally sheared with numerous carb + qtz vnlts at 40° carrying very fine pyrite.	35	39432	14 ppb Au	
170-175	Sheared Andesite as above		39433	14	
175-180	Sheared Andesite as above. Sharp contact at 35°		39434	60	
180-185	Graphitic Tuff - black massive graphite with grey dacitic tuff bedded at 45° to core axis. 2 feet of core ground away.	45	39435	26	
185-190	Dacite Tuff - medium grained, buff to yellow well foliated and bedded at 40°. Few graphitic sections, only rare pyrite.	40	39436	4	
190-195	Dacite Tuff as above		39437	12	
195-200	Dacite Tuff as above		39438	10	
200-205	Dacite Tuff as above. Broken contact at 45°.		39439	11	
205-209	Graphite - fine grained, black, well foliated at 50° with minor dacite tuff beds. 3% disseminated and nodular pyrite.	50	39440	12	
209-213.5	Graphite - sharp lower contact along .5" mud seam	45	39441	10	
213.5-218.5	Dacite Tuff - medium grained, buff-altered weakly foliated tuff. Contacts at 25°.	25	39442	7	
218.5-224	Graphitic Tuff - black massive graphite and dacite tuff interbeds at 30°. 1-2% pyrite.	30	39443	32	
224-229	Dacite Tuff - mg, buff-altered with a few graphitic beds at 50°. Few barren, white quartz-carb veinlets. Very rare pyrite only. 4" mud zone at 225° e 25°	50	39444	8	
229-234.5	Dacite Tuff as above		39445	4	
234.5-265	Dacite Tuff as above. Contact at 40°	40			
265-266	Fault - graphite mud seam, partly oxidized.	40			
266-375.5	Buff-altered Dacite Tuff - medium grained, quite massive with only a few calcite + qtz	45			

continued page 2.

	fracture-fillings. <1% pyrite. Very weak banding at 40 to 50' to the core axis.			
375.5-383	Graphitic Tuff - banded, buff dacite tuff and black graphite beds at 40'. Rare pyrite.	40		
383-395	Graphite - fg, black, foliated +5% nodular py.	40		
395-400	Altered Dacite Tuff -fg + mg feldspathic clasts Quite fractured & foliated at 40'. 3% diss. pyrite.	40	39446	12 ppb Au
400-405	Altered Dacite Tuff as above		39447	6
405-410	Altered Dacite Tuff as above but pyrite content decreases to less than 1%.		39448	4
410-415	Altered Dacite Tuff as above		39449	7
415-420	Altered Dacite Tuff as above		39450	6
420-436	Altered Dacite Tuff as above			
436-515	Dacite Tuff - fg, grey to pale buff, bedded tuff at 35'. Becomes coarser grained locally. No pyrite. Very sharp lower contact at 50'.	35		
515-519	Cherty Tuff - vfg, grey, very hard, siliceous hiatus with graphitic bands & fractures. Rare py	30	39451	3
519-522	Cherty Tuff as above. Lower ct at 30'		39452	4
522-525	Graphite - fg, massive, black graphite with 10% nodular pyrite.. Contacts at 35'.	35	39453	27
525-530	Cherty Tuff as at 515 ft.	35	39454	21
530-535	Cherty Tuff as above		39455	4
535-545	Graphite - black, foliated at 50' with 5% nodular pyrite. Contacts at 40'.	40		
545-547	Lapilli Tuff - mg, buff-altered, rare py	40		
547-551.4	Massive Pyrite - brown, with minor qtz veins and graphite. Lower contact at 60'.	60	39456	15 Metallics- trace
551.4-556.5	Brecciated, Buff, Dacite Tuff - fg, buff with 15% brown pyrite. Sharp lower contact at 35'.	35	39457	7 Metallics- trace
556.5-561.5	Feldspar Porphyry - cg, grey with feldspar crystals to 2 cm diameter. Lower ct @ 50'	50		
561.5-570.5	Dacite Tuff - weakly buff-altered with minor graphitic bands at 40'	40		
570.5-575	Massive Pyrite - brown with several angular dacite tuff clasts. Lower ct at 40'.	40	39458	6
575-648	Dacite Tuff - pale buff, quite massive. Clast alignment at 40 to 50' to core axis. Lower ct-50	45		
648-675	Brecciated Dacite Tuff - pale buff, collapse-type breccia. No sulphides.			

675 - FOOT OF HOLE 89-5

Hole 89-5 started drilling November 8th and was completed November 10th, 1989. Core Size - BQ. The casing was pulled and 30 core boxes were used. The collar is located 340 ft south and 490 ft west of Post #1 of claim L. 935246, Coulson Township, Larder Lake Mining Division.

MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG 89-6

Shallow River West Area - Coulson Township

HOLE #89-6 CO-OR: 137E, 83N DIP: - 50° e 165° Azimuth LENGTH: 507 ft.

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0-113	Overburden, casing. Start of Core				DIP TESTS
113-152	Brecciated Dacite Tuff - vfg, pale buff-grey poorly bedded and collapse-brecciated filled with graphite. Only rare pyrite seen to 150' but then get 3% pyrite in graphitic matrix.	40			e 200' - 48' e 400' - 40'
152-155	Brecciated Dacite Tuff as above with 3% py		39459	8 ppb Au	
155-159	Brecciated Dacite Tuff as above with 6" white quartz-carb vein at 155' e 70°.	70	39460	7	
159-164	Brecciated Dacite Tuff as above with 5% py		39461	3	
164-168	Brecciated Dacite Tuff with 20% pyrite. Ct e	45	39462	4	
168-172	Foliated Tuff - fg, grey, moderately foliated at 40° and cut by an occasional white qtz-carb veinlet at 20 to 70'. 1% pyrite.	40	39463	2	
172-177	Foliated Tuff as above		39464	3	
177-181	Foliated Tuff as above		39465	2	
181-183.5	Foliated Tuff as above but becomes highly oxidized and leached. Few quartz + py veins at 25°. Fault - .5" mud zone.	25	39466	18	
183.5-187.7	Dacite Tuff - mg, buff-grey, bedded at 50°. Sharp lower contact at 40°.	50	39467	4	
187.7-192.5	Foliated and Brecciated Dacite Tuff with qtz-carbonate matrix fill and 3% pyrite.	40	39468	7	
192.5-239	Dacite Tuff - fg, massive, poorly bedded at 45° with rare qtz-carb fracture-fill. No py.	45			
239-241	Brecciated Tuff - fg, buff-altered with grey carbonate fill. Very rare pyrite. Locally schistose at 50° + a few .25" mud seams e 80°.	50	39469	10	
241-245	Brecciated Tuff as above with 6% pyrite		39470	3	
245-252	Brecciated Tuff as before.				
252-263.5	Dacite Tuff - fg, buff, poorly bedded distal tuff and argillaceous volcano-sediment. Poorly bedded at 50°. Only a few q-c veinlets. Rare py.	50			
263.5-268.5	Brecciated Dacite Tuff as above but brecciated with grey carbonate + pyrite fill. Pyrite up to 20%. Foliation at 40°.	40	39471	6	
268.5-272	Brecciated Dacite Tuff as above		39472	4	

continued ... page 2.

272-277	Brecciated Dacite Tuff as above		39473	4 ppb Au
277-281	Brecciated Dacite Tuff as above. Ct @ 40°	40	39474	3
281-287	Andesite - lg, grey, amygdular, massive with occasional calcite-filled fracture.	45	39475	5
287-291	Brecciated Dacite Tuff - with grey carb matrix fill and minor pyrite. Collapse-type breccia of a distal volcano-sediment. @ 290' - 4" mud seam.	45	39476	18
291-297	Brecciated Dacite Tuff as above		39477	11
297-302	Brecciated Dacite Tuff as above		39478	12
302-321	Brecciated Dacite Tuff as above			
321-325	Brecciated Dacite Tuff as above with 10% pyrite.		39479	8
325-328	Brecciated Dacite Tuff as above		39480	10
328-332	Brecciated Dacite Tuff as above with a 6" graphite and quartz band at 331' @ 50°.	50	39481	12
332-422	Dacite Tuff - mg, grey, massive, fresh, with cherty clasts to .25". Weak foliation and clast alignment at 40 to 45°. Very rare py. Gradational to very weak buff colour.	45		
422-507	Dacite Tuff - mg, weak buff, massive, with very weak foliation at 35°. No py.		35	

507 - FOOT OF HOLE 89-6

Hole 89-6 started drilling November 10th and was completed November 13th, 1989. Core size - BQ. The BW casing could not be retrieved and remains in the hole. 21 core boxes were used. The collar is located 40 ft north and 190 ft west of Post # 2 of claim L. 935248, Coulson Township, Larder Lake Mining Division.

MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG **89-7**

Shallow River West Area - Coulson Township

HOLE # 89-7 CO-OR: 114 E, 85.5 N DIP: -50° @ 165° Azimuth LENGTH: 497 ft.

FOOTAGE ft	GEOLOGY	CA	SAMPLE #	ASSAY ppb	Other
0-101	Overburden, casing. Start of Core.				DIP TESTS
101-106	Brecciated Dacite Tuff - fg, buff-altered and highly brecciated distal tuff. Carbonate and black chert matrix-fill with 1-3% pyrite. Banding at 40 to 50° to core axis.	45	39482	7	@ 200' - 46' @ 400' - 41'
106-111	Brecciated Dacite Tuff as above		39483	8	ppb Au
111-116	Brecciated Dacite Tuff as above		39484	10	
116-121	Brecciated Dacite Tuff as above		39485	12	
121-126	Brecciated Dacite Tuff as above		39486	11	
126-132	Brecciated Dacite Tuff as above		39487	38	
132-135	Brecciated Dacite Tuff as above but with 20% pyrite. Sharp lower contact at 50°.	50	39488	15	
135-160	Arkose - mg and fg interbedded arkose and siltstone with a few pyrite-rich graphite beds at 35° to core axis.	40			
160-167	Arkose as above with a few graphitic argillite and cherty beds at 40°. Rare pyrite.	40			
167-184	Dacite Tuff - fg and mg intermediate tuff and lapilli tuff with 1 % pyrite overall. Some of clasts are black chert.	50			
184-189	Dacite Tuff as above		39489	8	
189-194	Altered Dacite Tuff with 10% pyrite overall, shearing, buff altered, and cut by several quartz carbonated veins.		39490	10	
194-197	Altered Dacite Tuff as above		39491	12	
197-200	Altered Dacite Tuff as above. Lower ct @ 55°	55	39592	10	
200-203	Arkosic Wacke - mg, grey, well bedded at 40°	40			
203-212	Dacite Tuff - mg, light buff-grey, massive.				
212-228	Crystal Tuff - mg to cg, grey, feldspar crystals aligned at 35° to core axis.	35			
228-235	Lapilli Tuff - mg to cg, white felsic clasts to .75" diameter. Quite brecciated and silicified.				
235-251	Graphite - vfg, black with 5% nodular pyrite and a few angular clasts of quartz & tuff to 2".	40			

251-277.5	Arkosic Wacke - fg. poorly bedded and foliated at 40 to 60°. Few weak breccia zones. Only very rare pyrite seam.	50		
277.5-287	Graphitic Arkose - interbedded graphite and arkose. 2" pyrite seam at 281'.	35		
287-292	Silicified Arkose - fg & mg, grey to weakly buff-altered and brecciated. Silicification results from proximity to QFP dyke.	40	39493	11
292-295	Silicified Arkose as above. Ct at 40		39494	12
295-300	Quartz Feldspar Porphyry - cg. pink, quite fractured and cut by several barren white quartz veinlets. Lower ct at 50'.	50	39495	7
300-307	Silicified Arkose as before but with a few graphitic beds at 40'.	40	39496	4
307-310	Quartz Feldspar Porphyry as before. Ct at 30'	30	39497	8
310-315	Altered Arkose - mg. pink-white and olive green grains with a few black graphitic bands. Weakly foliated at 20'.	20	39498	18
315-320	Altered Arkose as above + 6" gouge (fault)		39499	12
320-325	Altered Arkose as above but highly sheared		39500	10
325-330	Altered Arkose as above		82769	14
330-336.5	Altered Arkose with a few graphitic bands with 5% pyrite and 10% quartz. 332-336.5 - 50% quartz vein material. Sharp lower ct @ 20'.		82770	19
336.6-347.3	Basalt - mg. pale grey, weakly silicified and leucoxene-rich flow. Rare pyrite. Contact @ 40'.	40		
347.3-358	Quartz-Feldspar Porphyry - vfg. pink/green matrix with large euhedral feldspar crystals. No sulphides. Lower contact at 50'.	50		
358-395	Basalt- mg. grey/green, massive, leucoxene-rich flow cut by a few barren white qtz-carb veinlets. Begin to see a few pillow rinds.			
395-418	Pillow Basalt - mg. grey/green as above but with several pillows evident.			
418-497	Basalt - mg. dark grey/green, massive and leucoxene-rich.			

497 - FOOT OF HOLE 89-7

Hole 89-7 started drilling Novembr 13th and was completed November 18th, 1989. Core Size - BQ. The casing was pulled and 22 core boxes were used for the hole. The collar is located 240 ft north and 200 ft west of Post #2 of claim L.981495, Coulson Township, Larder Lake Mining Division.

MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG 89-8

Nickle Lake Area, Salve Group - Beatty Township

HOLE # 89-8 CO-OR: 43 W. 14.5 S DIP: -55° e 240° Azimuth LENGTH: 1,750 ft.

FOOTAGE ft	GEOLOGY	CA SAMPLE #	ASSAY ppb	Other
0-110	Overburden, casing. Start of Core			DIP TESTS
110-231	Basalt - fine to medium grained, pale grey/green weakly silicified, massive, homogeneous flow cut by a few barren calcite + quartz fracture-fill vnits. Very calcic, locally fractured, possible komatiite. At 118-121 - fg diabase dyklet at 30°. At 167' - 1" rusty mud seam. At 214' - becomes very weakly buff coloured.			e200' - 55° e400' - 55° e600' - 53° e800' - 53° e1000' - 49° e1200' - 48° e1400' - 45° e1600' - 41°
231-262	Basalt - mg, very weakly buff-grey, weakly to 20 moderately foliated at 20° + numerous calcite-filled fractures at 20°. Few minor black chert 'swets' carrying minor crystalline pyrite.			
262-267	Basalt as above but weakly silicified. Contact	e30 82771	19 ppb Au	
267-269	Calcite/Quartz Vein - white calcite and qtz with very minor pyrite.	30 82772	11	
269-305	Basaltic Komatiite - very pale buff-grey/grn, 20 medium grained, soft, barren lava. Sharp ct e20°			
305-310	Silicified Basalt - fg. buff-grey, quite highly fractured with qtz-carb fill + 5% pyrite. Few pillow rinds noted.	82773	22	
310-315	Silicified Basalt as above	82774	10	
315-319	Silicified Basalt as above	82775	8	
319-322	Silicified Basalt as above	82776	12	
322-327	Silicified Basalt as above	82777	11	
327-332	Silicified Basalt as above	82778	8	
332-337	Silicified Basalt as above	82779	6	
337-342	Silicified Basalt as above	82780	8	
342-347	Silicified Basalt as above	82781	7	
347-352	Silicified Basalt as above	82782	11	
352-357	Silicified Basalt as above	82783	10	
357-362	Silicified Basalt as above	82784	12	
362-367	Silicified Basalt as above	82785	7	
367-371	Silicified Basalt as above + few 2" barren white quartz veins. Silicification decreases down hole.	82786	3	
371-375	Weakly Silicified Basalt. Gradational contact.	82787	6	

375-422	Pillow Basalt- fg. pale green, calcic, and highly fractured to locally foliated at 20°. Well developed pillows with hyaloclastite matrix. Only minor pyrite. Gradational lower ct to silicified and buff-altered pillow lava.	20		
422-427	Silicified Basalt - fg. pale grey to buff, highly fractured pillow lava with numerous calcite + quartz fracture fill veins and a few barren white quartz veins at 40°. Approx. 1% pyrite.	40	82788	4
427-432	Silicified Basalt as above		82789	11
432-437	Silicified Basalt as above		82790	10
437-442	Silicified Basalt as above		82791	6
442-447.6	Silicified Basalt as above. Sharp ct at 20°	20	82792	7
447.6-452	Graphitic Tuff - fg. black graphitic interflow with 5% brown pyrite and angular clasts of buff-altered, calcic basalt. Foliation at 20-30°.	25	82793	22
452-457	Graphitic Tuff as above		82794	11
457-462	Graphitic Tuff as above		82795	14
462-467	Graphitic Tuff as above		82796	10
467-471	Silicified Basalt - fg. pale buff-grey, highly fractured lava riddled with at least 3 generations of quartz-carb veinlets at all angles. 5% brown pyrite as fracture filling and inter-pillow material.		82797	23
471-476	Silicified Basalt as above		82798	14
476-481	Silicified Basalt as above		82799	75
481-486	Silicified basalt as above		82800	44
486-491	Silicified basalt as above		6001	38
491-496	Silicified Basalt as above		6002	32
496-501	Silicified Basalt as above		6003	29
501-506	Silicified Basalt as above		6004	45
506-510	Silicified Basalt as above		6005	86
510-514	Silicified Basalt as above. Lower ct at 30°	30	6006	23
514-519	Graphitic Tuff - fg. black graphite with angular clasts of buff basalt. 1% pyrite.	25	6007	17
519-525	Basalt-Graphite Breccia - angular clasts of buff basalt in black graphitic tuff, all cut by a few quartz veins at 30°. Small .5" mud seam at 520' @ 30°.	30	6008	26
525-530	Quartz-Graphite-Pyrite Breccia - black graphite tuff and breccia with 30% white quartz vein material and 5% pyrite associated with a few fault zones. Structures at 30°.	30	6009	18
530-536	Quartz-Graphite Breccia as above		6010	64

536-540	Quartz-Graphite Breccia as above + a 6" mud and 3" pyrite seam at 537'. 538-540 - qtz breccia vein with 2% py & 1% SPHALERITE	6011	32	
540-545	Silicified and Brecciated Basalt - fg, buff pillow lava riddled with white qtz-bx fill and 1% pyrite.	30 6012	17	
545-548	Silicified and Brecciated Basalt as above with a 6" fault at 572'. Lower ct at 30'.	30 6013	11	
548-552	Quartz-Sphalerite Vein - white quartz breccia vein with 5% Sphalerite and 2% pyrite.	30 6014	38	Sphalerite
552-555	Quartz-Sphalerite Vein as above	6015	8	
555-557	Massive Pyrite Seam + 2% sphalerite	6016	338	
557-562	Silicified Basalt - fg, pale buff-grey pillow lava cut by several barren white quartz-carb veinlets at 50'.	50 6017	27	
562-567	Silicified Basalt as above	6018	25	
567-601	Silicified Basalt as above. Sharp lower ct @ 50'			
601-763	Diabase - chilled aphanitic to fg to mg to cg Matachewan-type quartz diabase dyke. Gouge zone at 622-626' and 672-674' @ 25'. Pegmatitic phase at 725-728. Lower contact at 60'.	60		
763-775	Silicified Basalt - vlg. grey, amygdular and pillowed lava cut by several narrow quartz veinlets at 30'. <1% disseminated pyrite.	30		
775-778	Silicified Basalt as above	6019	10	
778-817	Silicified Basalt as above. Gradational contact zone to un-altered lava.			
817-875	Pillow Basalt - fg, pale grey/green, massive lava cut by a few barren white quartz veins.	40		
875-877	Pillow Basalt as above + 4" white qtz vein	30 6020	8	
877-920.7	Pillow Basalt as above. Interflow basaltic tuff at 885-888.5. Lava becomes quite silified near lower contact @ 35'.			
920.7-923	Feldspar Porphyry - mg, grey with euhedral plagioclase crystals to 1 cm.	30		
923-925	Quartz-Carb Vein with 3% pyrite	35		
925-930.3	Pillow Basalt - fg, pale grey, calcic and cut by a few qtz-carb veinlets.	30		
930.3-934.2	Feldspar Porphyry as at 923'. Contact @ 40'	40		
934.2-957.5	Pillow Basalt as before.			
957.5-964	Feldspar Porphyry - aphanitic with .5 cm plagioclase crystals. Contacts at 40'.	40		
964-1056	Pillow Basalt - fg, pale grey, calcic with pyrite-rim rinds and a few pink dolomite veinlets. 9" white, barren qtz vein at 1049' @ 40'.			

1056-1058.5	Buff-Altered Basalt - fg, buff pillow lava associated with a few qtz veins with <1% py.	35	6021	7	
1058.5-1062	Buff-Altered Basalt as above		6022	12	
1062-1063	Buff-Altered Basalt as above		6023	6	
1063-1076	Pillow Basalt - fg, pale grey/green, rare py.				
1076-1083	Buff-Altered Pillow Basalt associated with a 1" qtz vein + 1% pyrite @ 35°.	35			
1083-1113	Buff-Altered Basalt - fg, massive, very weakly buff-altered pillow lava with minor black chert inter-pillow material and a few white quartz veins @ 45°.				
1113-1116	Buff-Altered Basalt as above with a few quartz veinlets + pyrite @ 45°	45	6024	7	
1116-1121	Buff-Altered Basalt as above		6025	47	
1121-1125	Buff-Altered Basalt as above		6026	21	
1125-1130	Buff-Altered Basalt as above		6027	22	
1130-1135	Buff-Altered Basalt as above		6028	12	
1135-1140	Buff-Altered Basalt as above		6029	15	
1140-1300	Variolitic Pillow Basalt - vfg, grey, massive calcic variolitic flow. Pillow rinds align at 30° to core axis., Few barren calcite fractures.	30			
1300-1483	Variolitic Pillow Basalt becomes very weakly silicified and cut by a few quartz + calcite veinlets with minor disseminated pyrite.	35			
1483-1488	Silicified Variolitic Pillow Basalt associated with a 10" barren white qtz vein @ 50°.	50			
1488-1591	Variolitic Pillow Basalt - vfg, dark grey, massive, and cut by a few calcite veinlets.	50			
1591-1596	Silicified Variolitic Basalt cut by a 3 ft qtz vein with minor pyrite, pyrrhotite, and chalcopyrite @ 40°.	40	6030	14	Chalcopyrite
1596-1750	Variolitic Pillow Basalt - vfg, grey, massive lava cut by a few barren quartz-carb veinlets.				

1750 - FOOT OF HOLE 89-8

Hole 89-8 started drilling November 22nd and was completed December 2nd, 1980. Core Size - BQ. The casing could not be retrieved and remains in the hole. 86 core boxes were used. The collar is located 680 ft west and 990 ft south of Post # 1 of claim L.642502, Beatty Township, Larder Lake Mining Division.

MAUDE LAKE GOLD MINES LTD - BOREHOLE LOG 89-9

Nickle Lake Area, Salve Group - Beatty Township

HOLE # 89-9 CO-OR: 43 W, 14.6 S DIP: -50° @ 210° Azimuth LENGTH: 900 ft.

FOOTAGE ft	GEOLOGY	CA SAMPLE #	ASSAY ppb	Other
0-106	Overburden, casing. Start of Core.			DIP TESTS
106-171	Basalt - fg, grn/grey, mass, possible komatiite, 40 quite fractured and healed with carb-chlorite. Few barren white qtz veins. Weak foliation developed locally at 40°. Few pillow rinds and qtz-carb fracture-fill veins. Rare pyrite			•200' - 46° •400' - 45° •600' - 42° •800' - 41°
171-173	Carbonated Basalt - fg, grey komat. lava riddled with carb-quartz veins and 1% pyrite. Weak foliation at 30°. Lava is approx 40% carbonate.	30 6031	17 ppb Au	
173-177	Carbonated Basalt as above	6032	14	
177-182	Carbonated Basalt as above	6033	19	
182-187	Carbonated Basalt as above	6034	96	
187-191	Carbonated Basalt as above. Gradational contact.	6035	16	
191-196	Graphitic Basalt - fg, grey lava as above but with graphite and carb fracture filling + 3% pyrite.	6036	18	
196-201	Carbonated Basalt - fg, grey lava riddled with carb veinlets at all angles. Weak foliation at 30°. Few pillow rinds noted.	30 6037	21	
201-206	Carbonated Basalt as above	6038	14	
206-211	Carbonated Basalt as above	6039	12	
211-216	Carbonated basalt as above. Gradational change from carbonate to silica altn.	6040	18	
216-220	Silicified Basalt - fg, pale buff-grey, weakly silicified and highly fractured pillow lava with 5% brown pyrite mostly as pillow matrix. Numerous carb-qtz veinlets.	6041	16	
220-225	Silicified Basalt as above	6042	95	
225-230	Silicified Basalt as above	6043	97	
230-236	Silicified Basalt as above but gradually becomes less altered and changes from grey to green.	6044	11	
236-266.5	Pillow basalt - fg, green, fresh but moderately fractured with a few qtz-carb veinlets. Rare py. Gradational contact to silicified lava.			
266.5-271.5	Silicified Basalt - fg, pale grey, pillow lava that has been highly fractured and foliated at 30°, and is riddled with qtz-carb veinlets. 5% pyrite mostly as seams at 30-40°.	30 6045	19	

continued .. page2.

271.5-276.5	Silicified Basalt as above	6046	8 ppb
276.5-281	Silicified Basalt as above	6047	15
281-286	Silicified Basalt as above	6048	14
286-291	Silicified Basalt as above	6049	10
291-301	Silicified Basalt with dark grey graphitic bands at 25°. Gradational contacts.	25	
301-311	Silicified Basalt- fg. pale grey, pillow lava riddled with qtz-carb veins & rare pyrite.	35	
311-317	Silicified Basalt as above	6050	8
317-321	Silicified Basalt as above but with 5% pyrite and more quartz veins at 35°	35 6051	11
321-326	Silicified Basalt as above with a few narrow graphitic interflow bands at 45°. Minor pyrite.	45 6052	7
326-337	Silicified Basalt grades to pillow lava.		
337-362	Pillow basalt - fg. grey, moderately foliated at 30°, weakly carbonated, with a few qtz-carb veinlets and pink dolomite veins. Sharp lower contact at 35°.	30	
362-376	Graphitic Interflow - grey/black graphitic hiatus with 2% nodular and banded pyrite 1" mud seam at lower contact.	35	
376-440	Carbonated Basalt - fg. buff-brown, pillow lava cut by several barren, white qtz veins at 40 to 60°. Only rare pyrite. Black chert and minor pyrite as interpillow material. Gradational to less carbonated lava.	50	
440-470	Basalt - fg. green, very weakly carbonated and cut by a few barren qtz veins @ 40-60°.	50	
470-585	Carbonated Basalt - fg. buff-green, moderately carbonated pillow lava with several pink dolomite veins and breccia fill. Several barren white qtz veins at all angles. Only rare pyrite. Gradational to fresh lava.		
585-697.5	Variolitic Basalt - fg. grey, massive, rare py Sharp lower contact at 45°.	45	
697.5-900	Diabase - aphanitic to fg to mg diabase dyke with large green glomeroporphyritic feldspar clots to 1" diameter. Pink granophyric phase at 830-841'.		

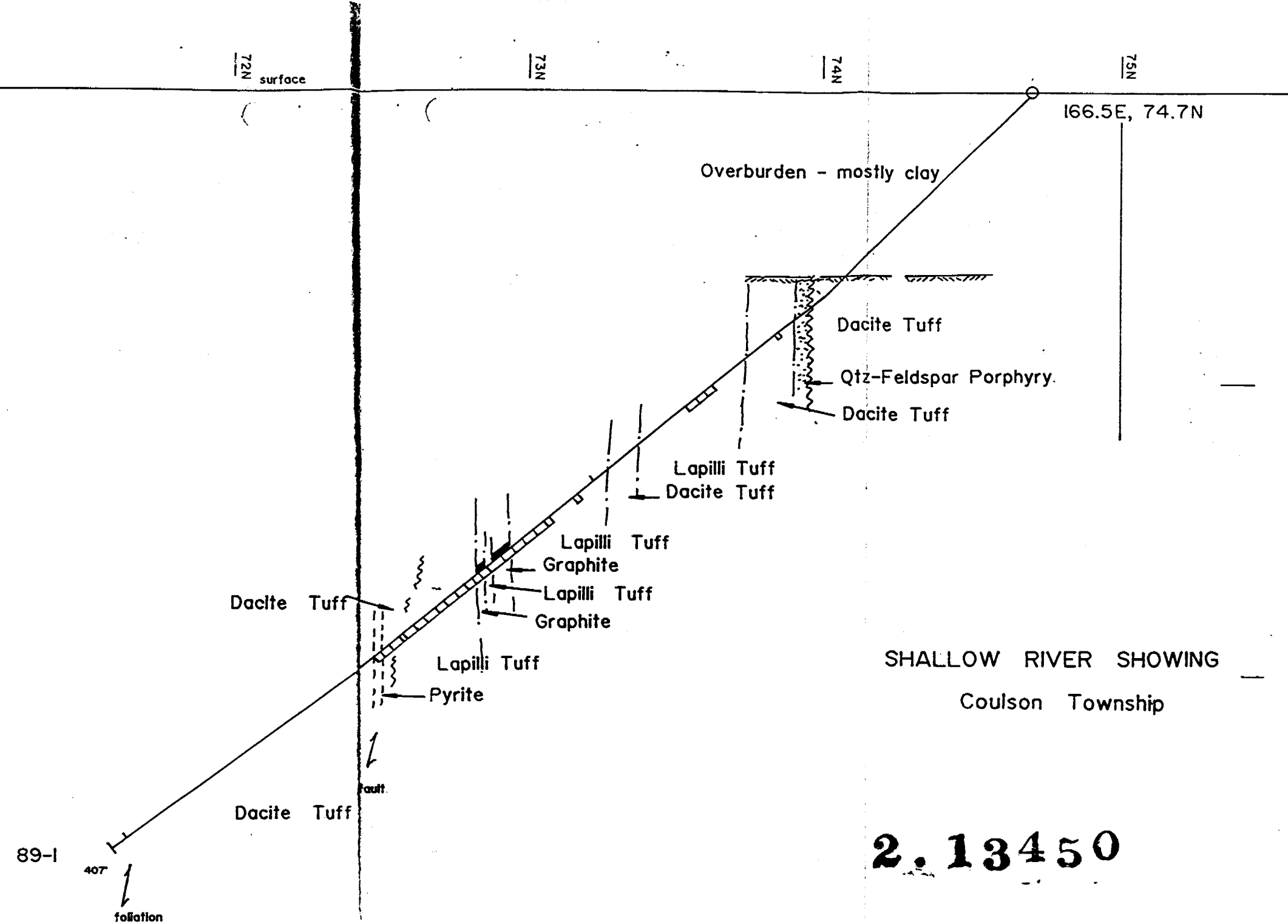
900 - FOOT OF HOLE 89-9

Hole 89-9 started drilling December 3rd and was completed December 12th, 1989. Core Size - BQ. The casing was pulled. 42 Core boxes were used. The collar is located 680 ft west and 999 ft south of Post #1 of claim L.642502, Beatty Township, Larder Lake Mining Division.

Looking West

-100

-200



SHALLOW RIVER SHOWING
Coulson Township

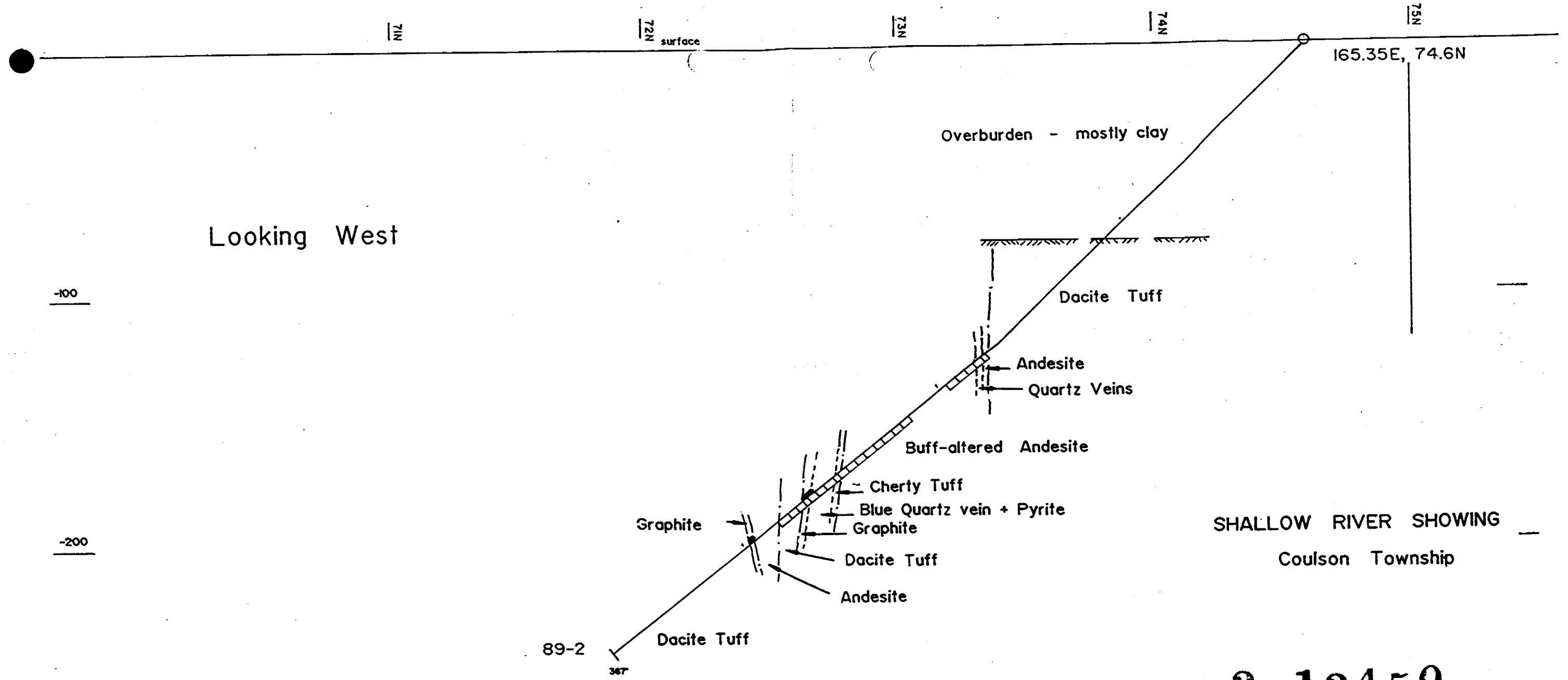
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MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-1

Scale 1 : 480

R A Bennett

December 1989



SHALLOW RIVER SHOWING
Coulson Township

2.13450

MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-2

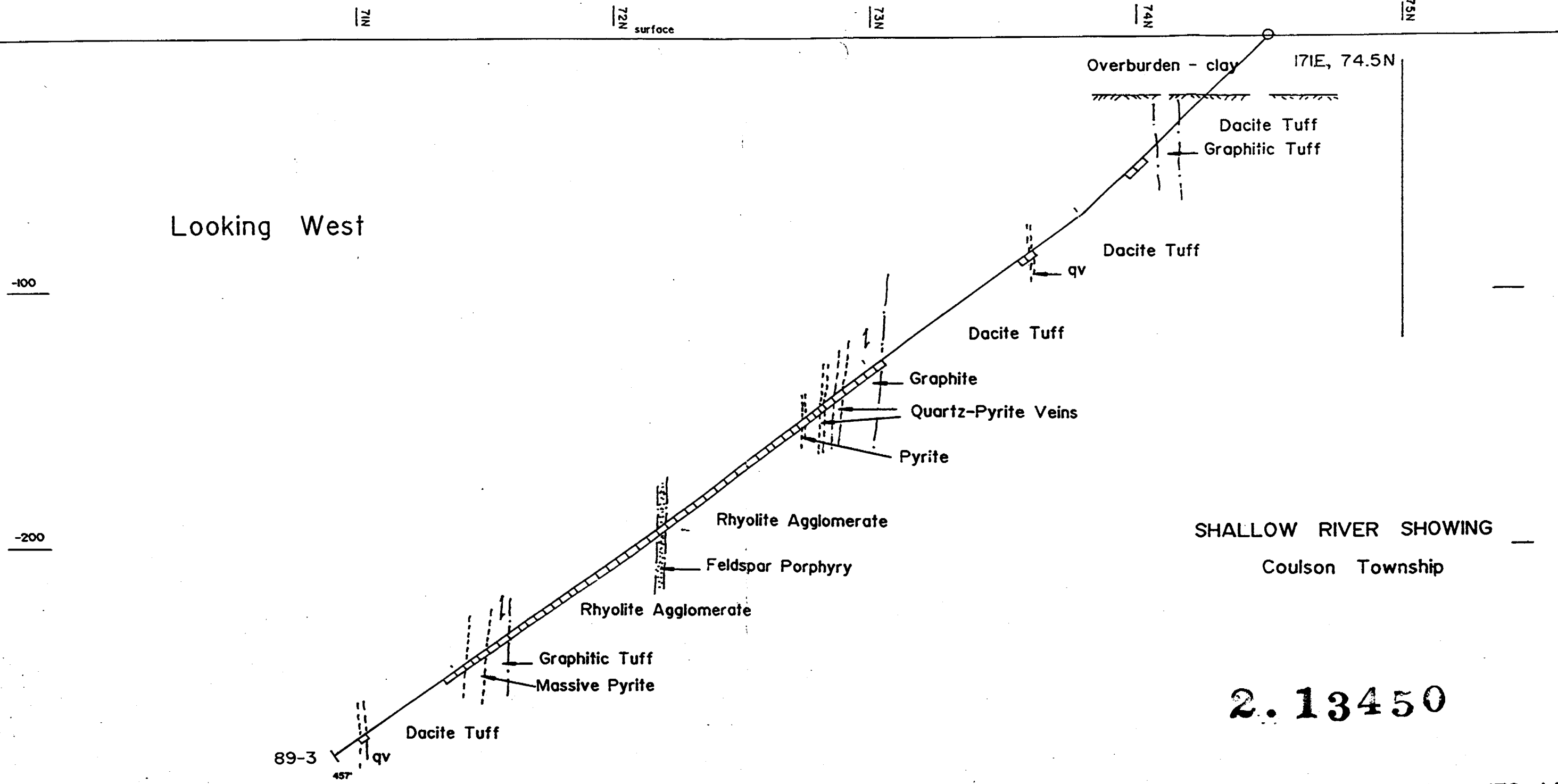
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R A Bennett

RAB

December 1989

Looking West



SHALLOW RIVER SHOWING
Coulson Township

2.13450

MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-3

Scale 1 : 480

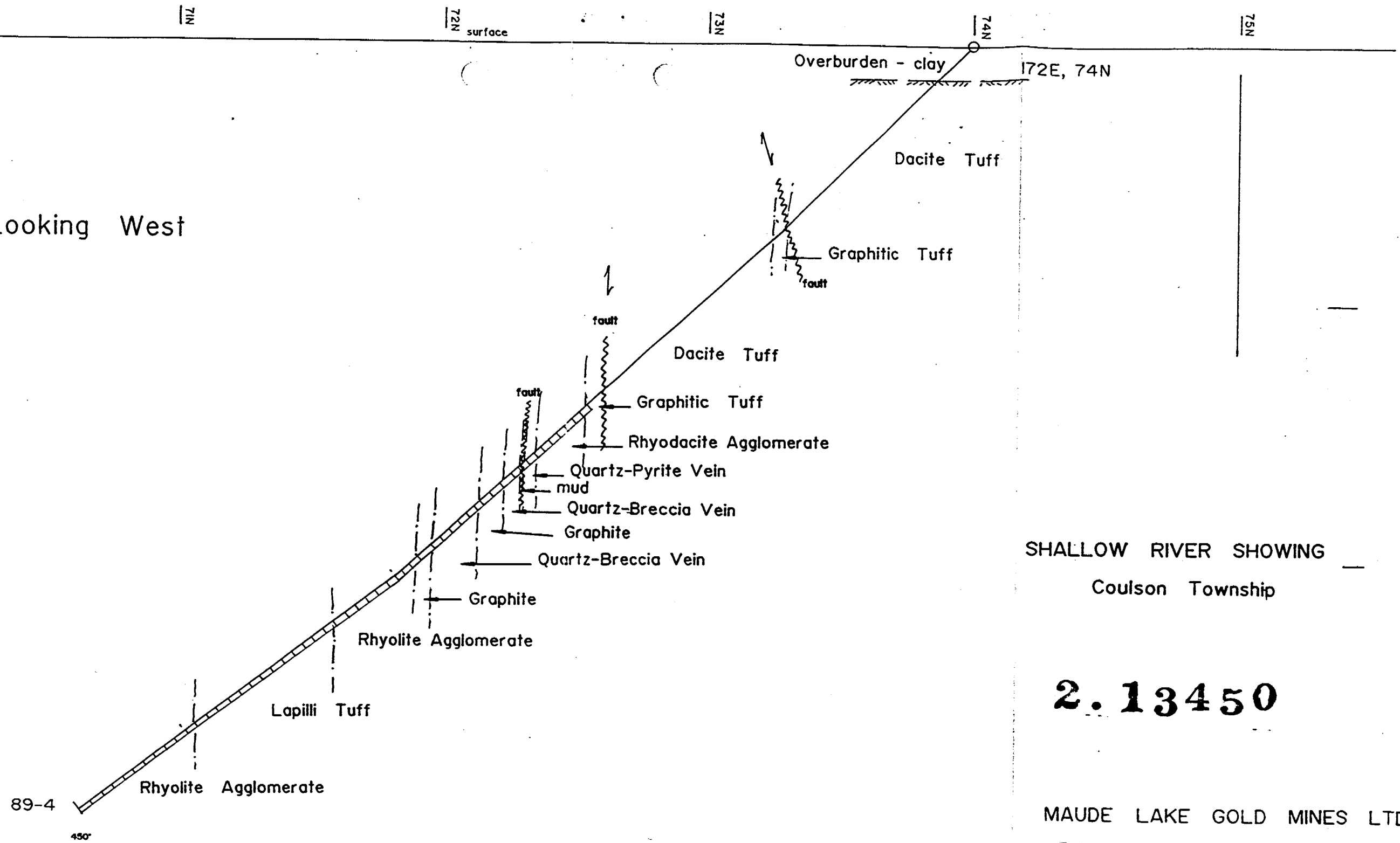
R A Bennett

December 1989

Looking West

-100

-200



SHALLOW RIVER SHOWING
Coulson Township

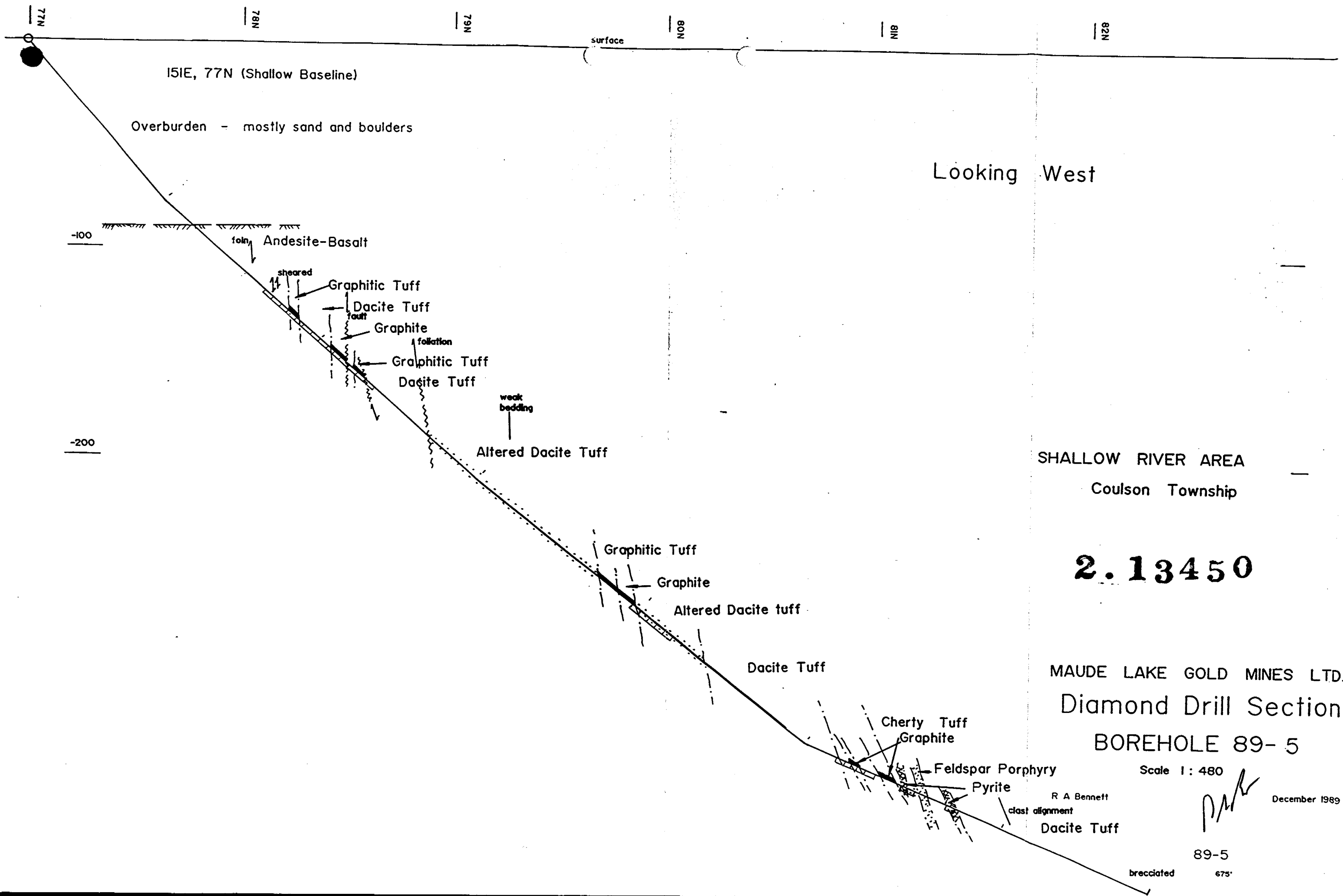
2.13450

MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-4.

Scale 1 : 480

R A Bennett

December 1989



151E, 77N (Shallow Baseline)

Overburden - mostly sand and boulders

Looking West

-100

-200

SHALLOW RIVER AREA
Coulson Township

2.13450

MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-5

Scale 1: 480

R. A. Bennett
Dacite Tuff

December 1989

89-5

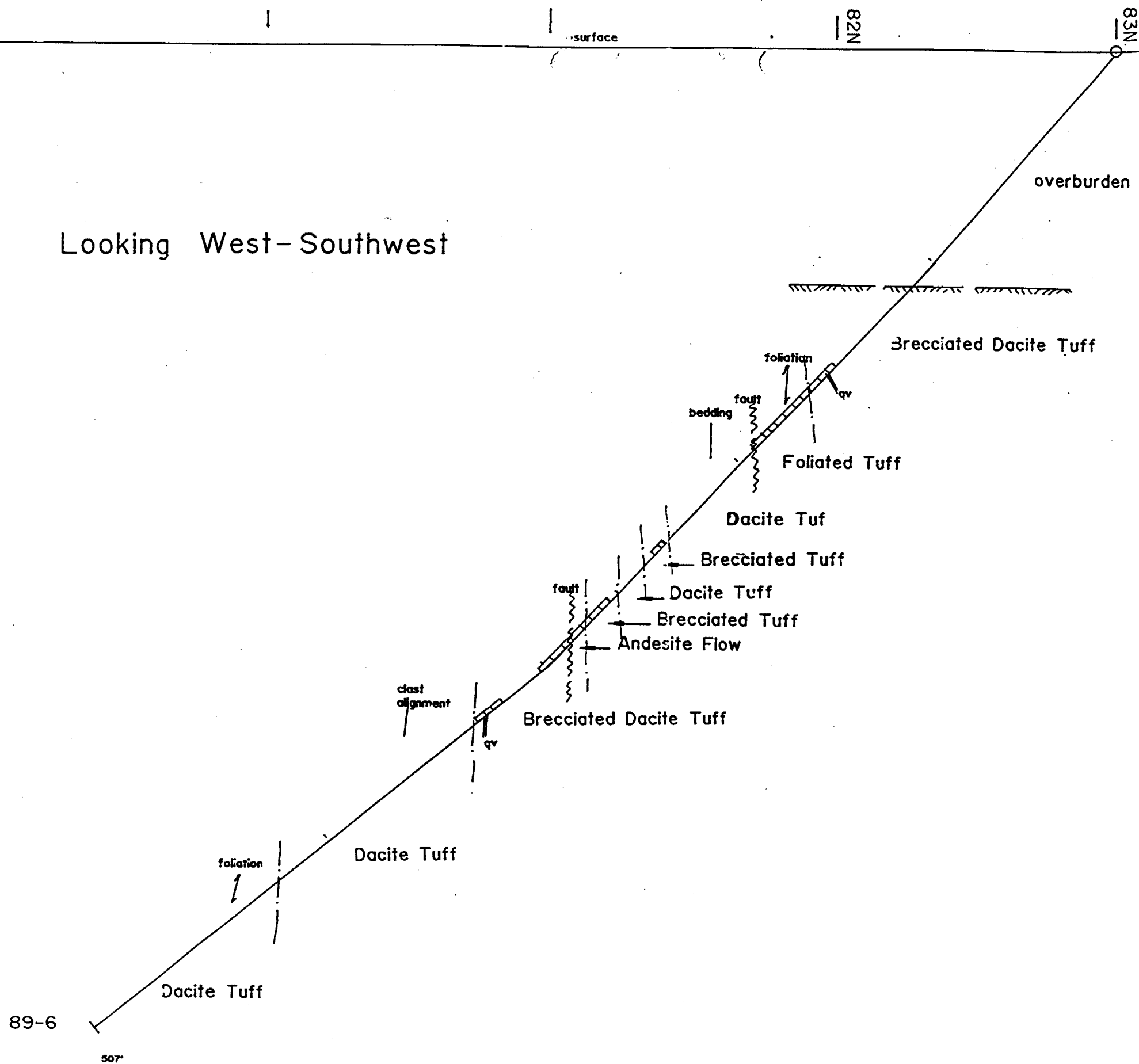
brecciated

675'

Looking West-Southwest

-100

-200



137E, 83N at 165Az

overburden - mostly sand

Brecciated Dacite Tuff

foliation

bedding

Foliated Tuff

Dacite Tuff

Brecciated Tuff

Dacite Tuff

Brecciated Tuff

Andesite Flow

Brecciated Dacite Tuff

clast alignment

Dacite Tuff

foliation

Dacite Tuff

89-6

507

SHALLOW RIVER AREA
Coulson Township

2.13450

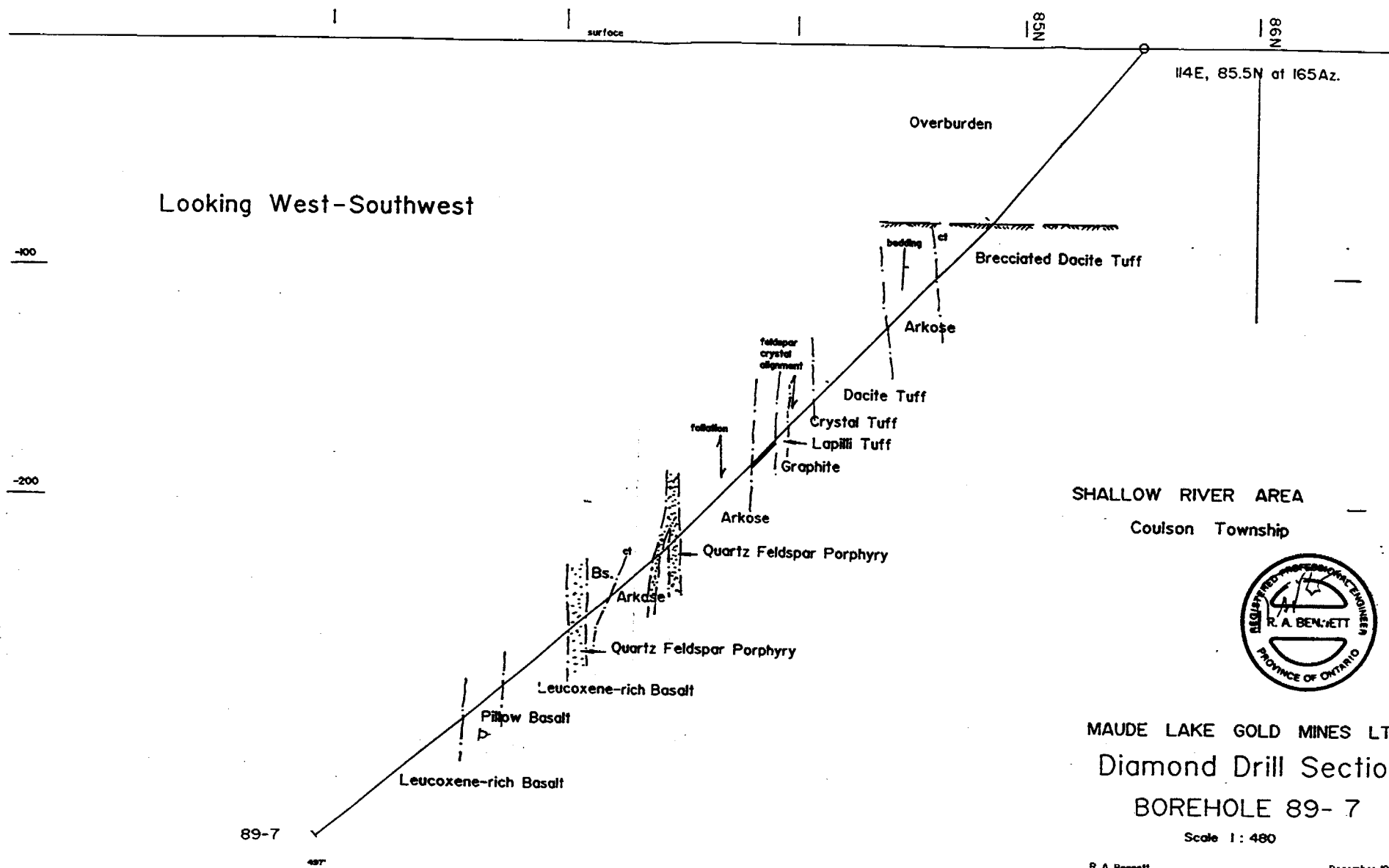
MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-6.

Scale 1 : 480

R A Bennett

December 1989

Looking West-Southwest



SHALLOW RIVER AREA
Coulson Township



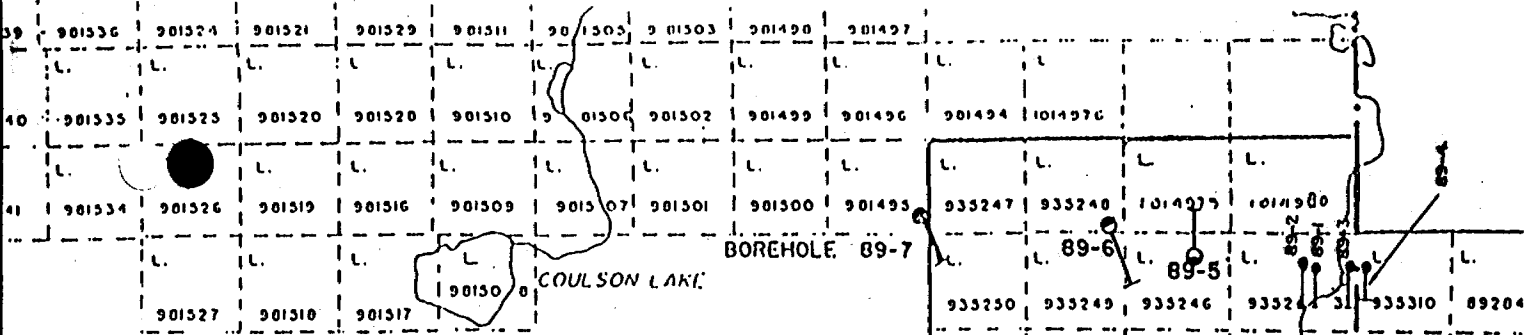
MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-7

Scale 1:480

R. A. Bennett

December 1989

2.13450



2.13450



COULSON TWP
BEATTY TWP

WARDEN TWP

MUNRO TWP

VI

V

IV

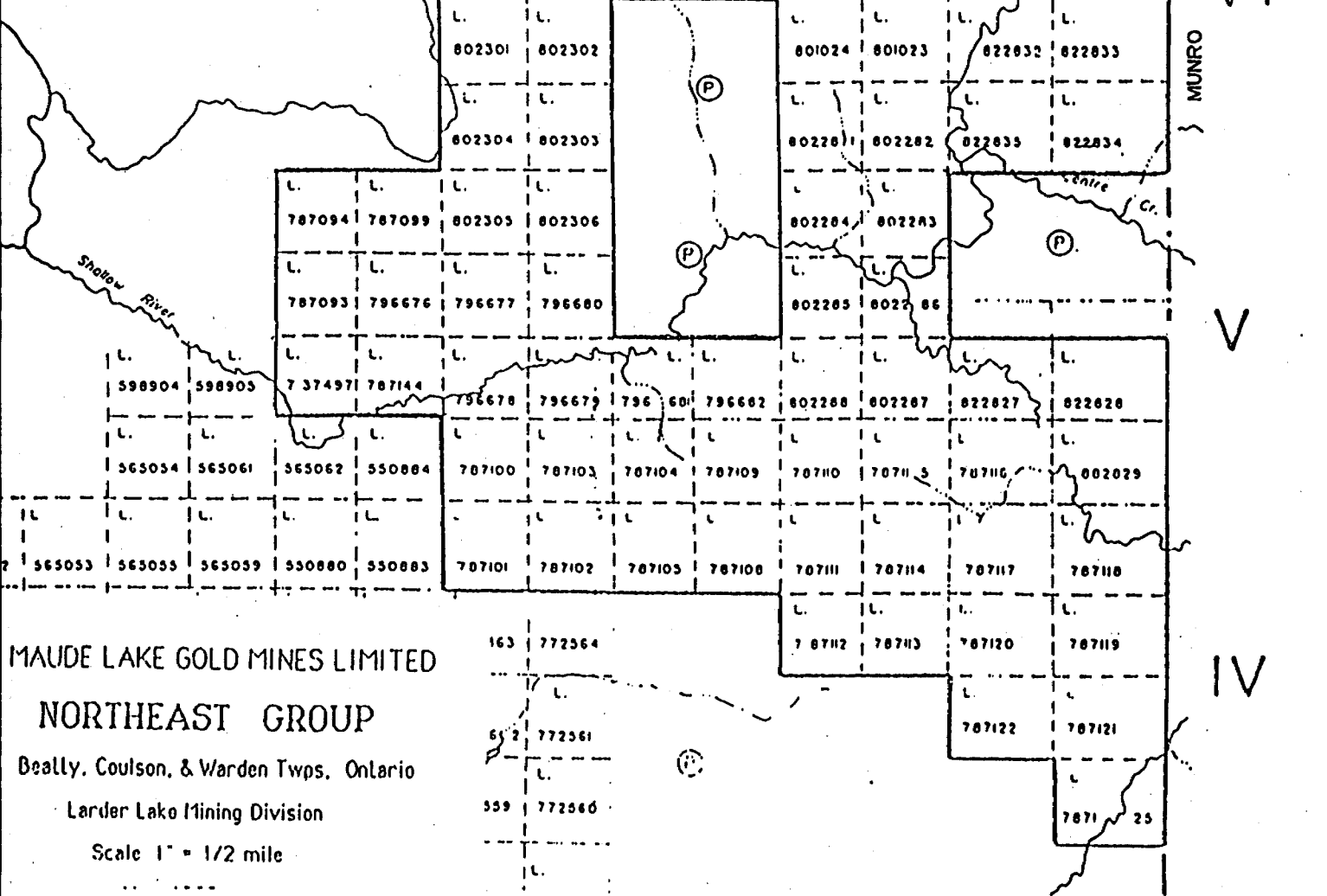
MAUDE LAKE GOLD MINES LIMITED
NORTHEAST GROUP
Beatty, Coulson, & Warden Twps. Ontario

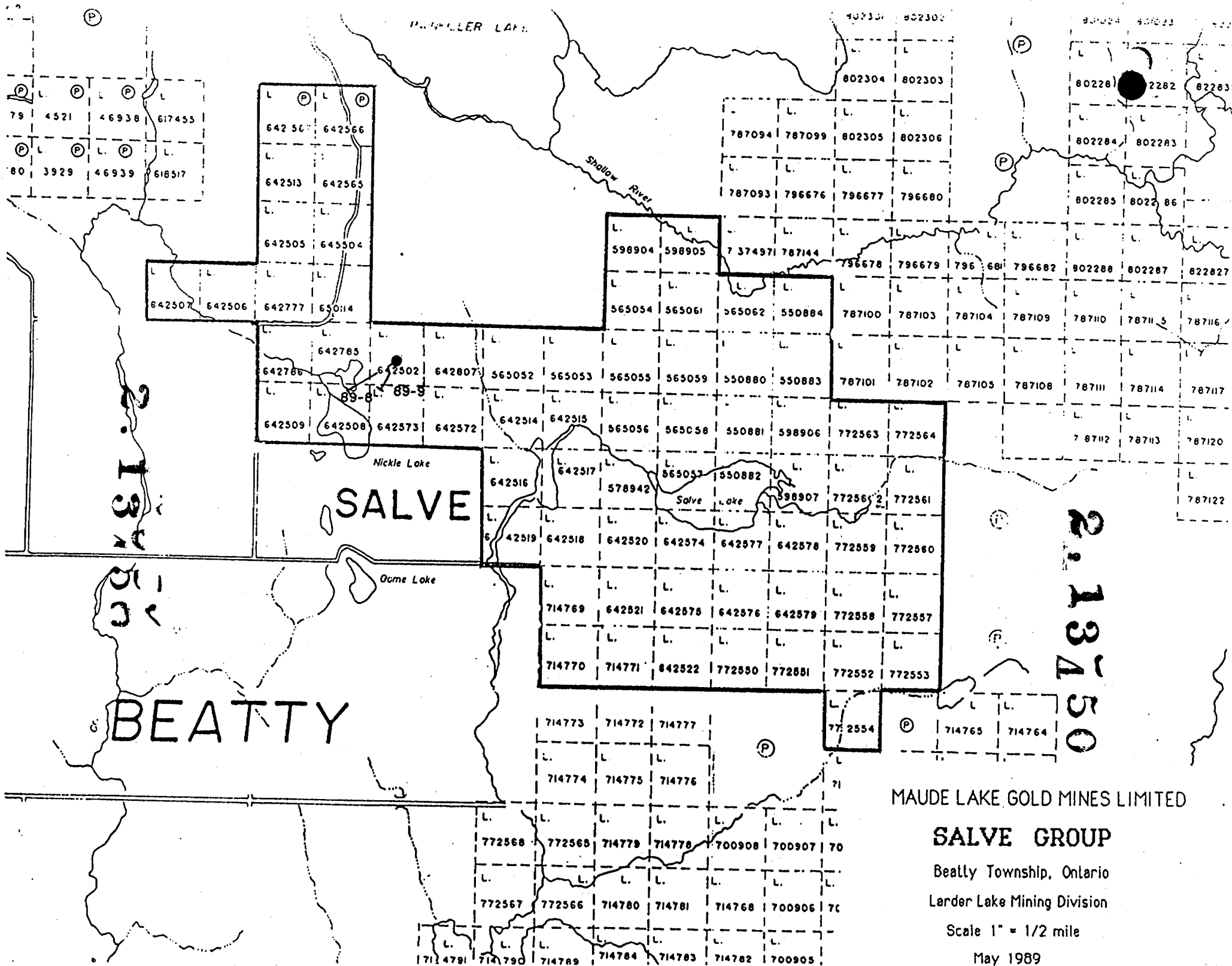
Larder Lake Mining Division

Scale 1" = 1/2 mile

163 772564
62 772561
559 772560

787125





MAUDE LAKE GOLD MINES LIMITED

SALVE GROUP

Beatty Township, Ontario

Larder Lake Mining Division

Scale 1" = 1/2 mile

May 1989

surface

Looking North - Northwest

— 400'

— 800'

— 1200'

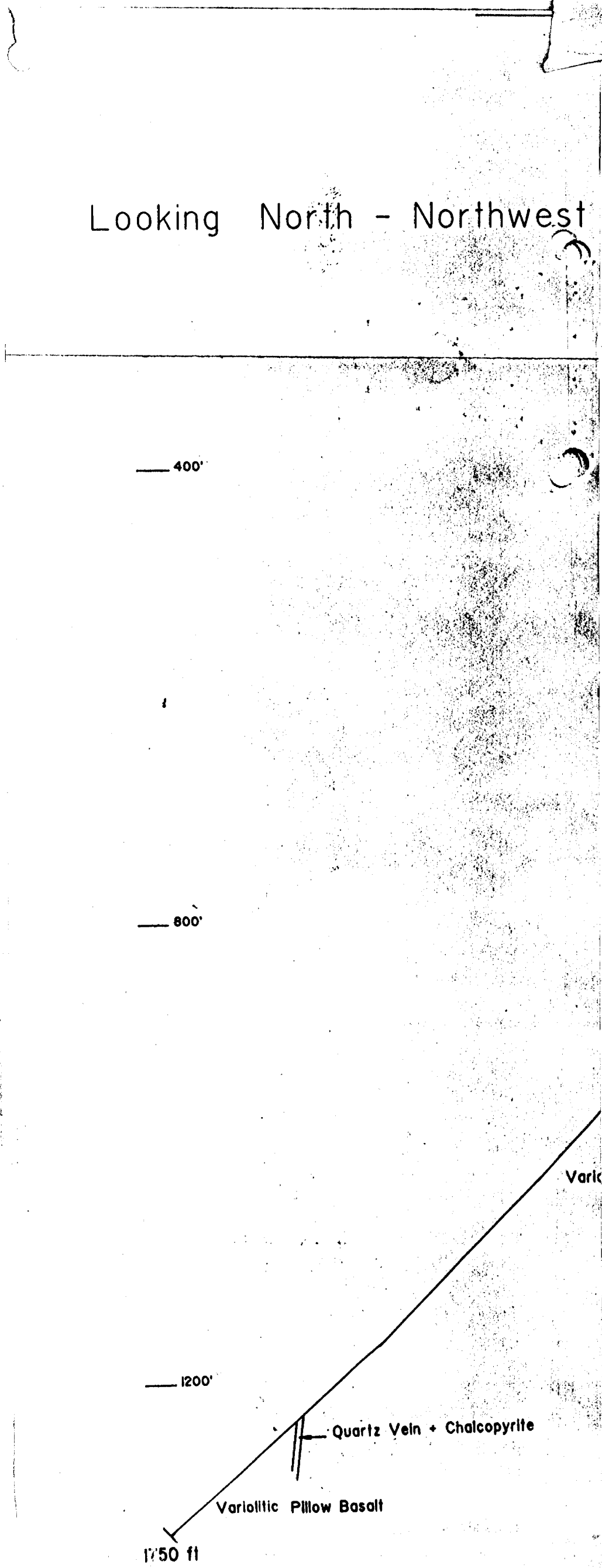
Varic

10v

Quartz Vein + Chalcopyrite

Variolitic Pillow Basalt

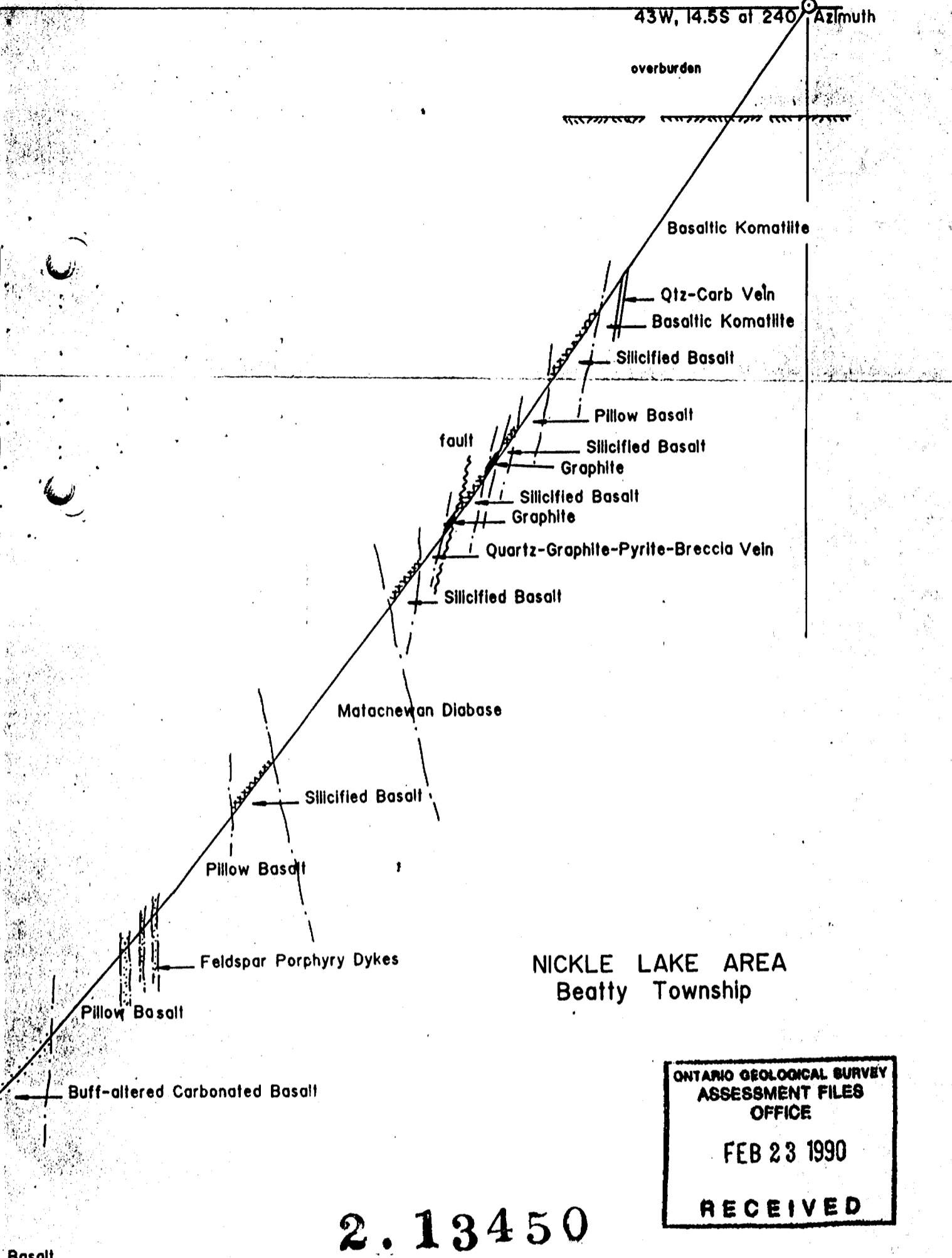
1750 ft



face

89-8

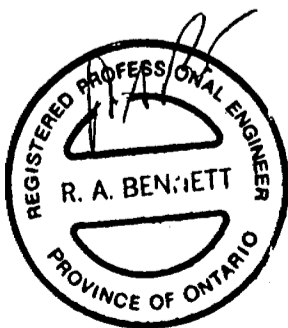
43W, 14.5S at 240° Azimuth



NICKLE LAKE AREA
Beatty Township

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
FEB 23 1990
RECEIVED

2.13450

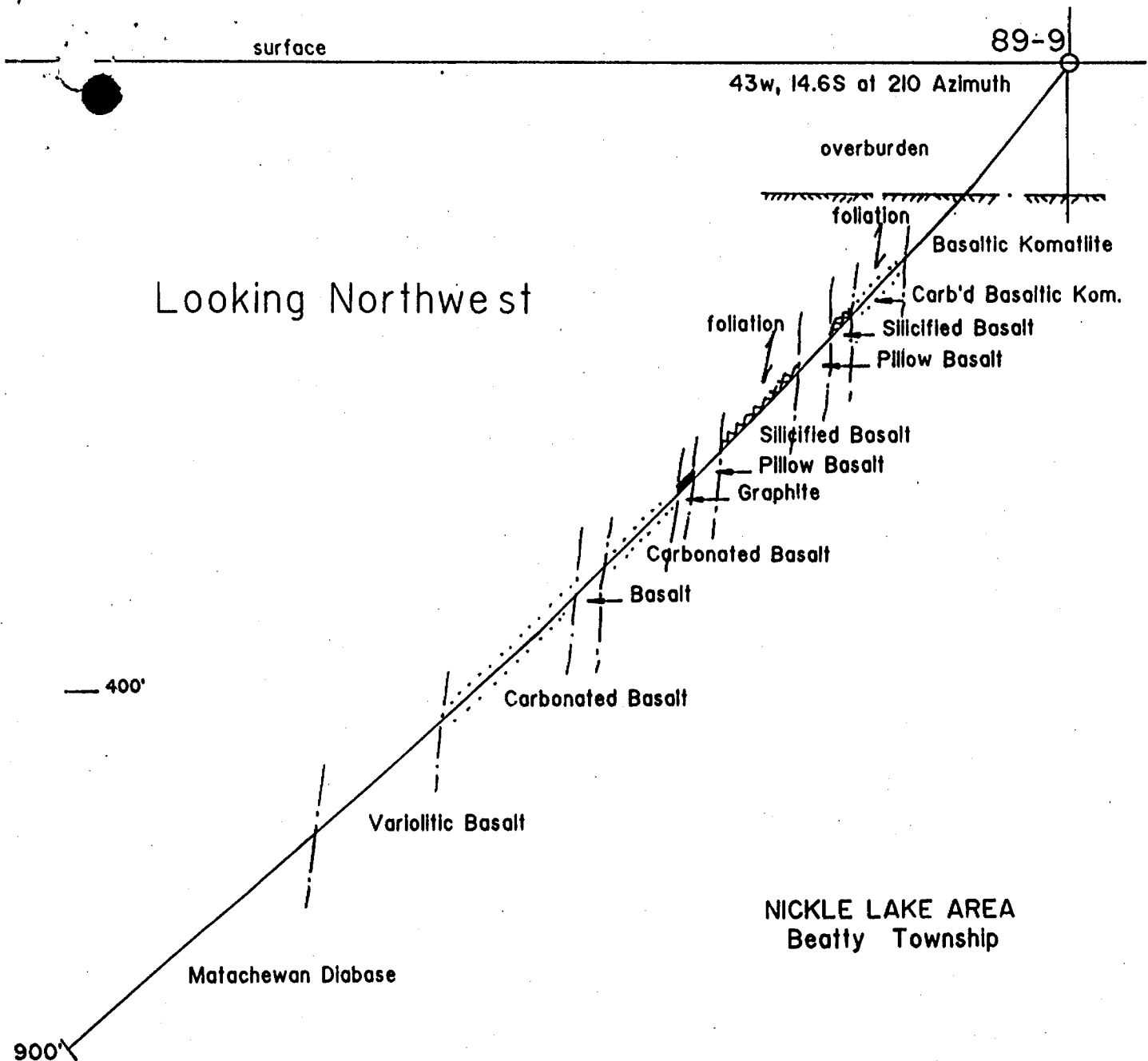


MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-8

SCALE 1:1200

R. A. Bennett

January 1990



NICKLE LAKE AREA
Beatty Township

2. 13450

MAUDE LAKE GOLD MINES LTD.
Diamond Drill Section
BOREHOLE 89-9

Scale 1 : 1200

— 800'



R A Bennett

December 1989



P.O. BOX 187,
POJ 1KO

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0932

DATE: November 22, 1989

SAMPLE(S) OF: Core (24)

RECEIVED: November 1989

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines

Sample #	Au PPB
39280	77
81	86
82	43
83	180
84	66
39285	145
86	96
87	125
88	59
89	56
39290	154
91	71
92	73
93	25
94	37
39295	58
96	43
97	59
98	69
99	48
39300	58
01	11
02	7
39303	67

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

89-2

P.O. BOX 187,
POJ 1K0

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0934

DATE: November 22, 1989

SAMPLE(S) OF: Core (21)

RECEIVED: November 1989

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines

Sample #	Au PPB	Oz. Gold
39304	18	
39305		0.056**
06	97	
07	71	
08	53	
09	171	
39310	686**	
11	129	
12	265	
13	96	
14	130	
39315	84	
16	200	
17	261	
18	228	
19	139	
39320	181	
21	78	
22	44	
23	12	
39324	17	

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1K0

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0935

DATE: November 22, 1989

SAMPLE(S) OF: Core (4)

RECEIVED: November 1989

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines

Sample #	Oz. Gold	Oz. Gold	(MET) Oz. Gold
39317	0.006	0.006	Trace
39318	0.004	0.004	Trace
39319	0.002*	0.002*	Trace
39320	0.002*	0.002*	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1KO

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0941

DATE: November 23, 1989

SAMPLE(S) OF: Core (53)

RECEIVED: November 1989

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines

89-3

Sample #	Au PPB	Sample #	Au PPB
39325	8	39360	59
26	7	61	43
27	10	62	670**
28	3	63	118
29	64	64	154
39330	225	39365	30
31	119	66	27
32	211	67	45
33	75	68	29
34	40	69	18
39335	254	39370	33
36	56	71	43
37	15	72	879**
38	263	73	19
39	37	74	321**
39340	95	39375	8
41	78	76	12
42	110	39377	33
43	93		
44	107		
39345	36		
46	97		
47	132		
48	147		
49	143		
39350	69		
51	11		
52	45		
53	48		
54	51		
39355	36		
56	25		
57	22		
58	26		
39359	33		

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1K0

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0941-A

DATE: November 28, 1989

SAMPLE(S) OF: Core (21)

RECEIVED: November 1989

SAMPLE(S) FROM:

Mr. R. A. Bennett, Maude Lake Gold Mines

Sample #	Oz. Gold	Oz. Gold	(MET) Oz. Gold
39333	0.002*	0.002*	Trace
39336	0.002*	0.002*	Trace
39337	Trace	Trace	Trace
39338	0.004	0.004	Trace
39339	0.002*	Trace	Trace
39354	Trace	0.002*	Trace
39360	Trace	Trace	Trace
39361	Trace	Trace	Trace
39362	0.022	0.020	Trace
39363	0.004	0.002*	Trace
39364	0.006	0.006	Trace
39365	Trace	Trace	Trace
39366	Trace	Trace	Trace
39367	0.002*	0.002*	Trace
39368	0.002*	Trace	Trace
39369	0.004	0.006	Trace
39370	0.002*	0.002*	Trace
39371	Trace	Trace	Trace
39372	0.026	0.026	Trace
39373	0.002*	0.002*	Trace
39374	0.012	0.012	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1K0

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0970

DATE: November 30, 1989

SAMPLE(S) OF: Reject (9)

RECEIVED: November 1989

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines

Sample #	Oz. Gold	Oz. Gold	(MET) Oz. Gold
39380	0.002*	0.002*	Trace
81	0.004	0.006	Trace
82	0.014	0.016	Trace
83	0.020	0.020	Trace
84	0.002*	0.002*	Trace
39385	0.012	0.014	Trace
86	0.004	0.004	Trace
39392	0.002*	0.002*	Trace
39397	0.002*	0.002*	Trace

* Estimated

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1KO

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0969

DATE: November 30, 1989

SAMPLE(S) OF: Core (54)

RECEIVED: November 19898

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines

Sample #	Au PPB	Sample #	Au PPB
39378	66	39413	17
79	77	39414	43
39380	106	39415	12
81	170	16	26
82	338**	17	52
83	726**	18	38
84	112	19	15
39385	405**	39420	17
86	293	21	11
87	211	22	36
88	58	23	63
89	32	24	27
39390	239	39425	36
91	166	26	77
92	123	27	81
93	69	28	71
94	71	29	80
39395	25	39430	26
96	55	39431	32
97	115		
98	122		
99	53		
39400	181		
01	26		
02	27		
03	121		
04	19		
39405	34		
06	85		
07	56		
08	82		
09	30		
39410	40		
11	18		
12	14		

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1K0

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0971

DATE: November 30, 1989

SAMPLE(S) OF: Core (27)

RECEIVED: November 1989

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines

Sample #	Au PPB
39432	14
33	14
34	60
39435	26
36	4
37	12
38	10
39	11
39440	12
41	10
42	7
43	32
44	8
39445	4
46	12
47	6
48	4
49	7
39450	6
51	3
52	4
53	27
54	21
39455	4
56	15
57	7
39458	6

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1KO

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0972

DATE: November 30, 1989

SAMPLE(S) OF: Reject (2)

RECEIVED: November 1989

SAMPLE(S) FROM:

Mr. R. A. Bennett, Maude Lake Gold Mines

<u>Sample #</u>	<u>Oz. Gold</u>	<u>Oz. Gold</u>	<u>(MET) Oz. Gold</u>
39456	Trace	Trace	Trace
39457	Trace	Trace	Trace

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1KO

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0981

DATE: December 7, 1989

SAMPLE(S) OF: Core (23)

RECEIVED: December 1989

SAMPLE(S) FROM:

Mr. R. Bennett, Maude Lake Gold Mines
Project: Lot # 7

<u>Sample #</u>	<u>Au PPB</u>
39459	8
39460	7
61	3
62	4
63	2
64	3
39465	2
66	18
67	4
68	7
69	10
39470	3
71	6
72	4
73	4
74	3
39475	4
76	18
77	11
78	12
79	8
39480	10
39481	12

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1KO

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0982

DATE: December 7, 1989

SAMPLE(S) OF: Core (21)

RECEIVED: December 1989

SAMPLE(S) FROM:

Mr. R. Bennett, Maude Lake Gold Mines
Project: Lot # 8

<u>Sample #</u>	<u>Au PPB</u>
39482	7
83	8
84	10
39485	12
86	11
87	38
88	15
89	8
39490	10
91	12
92	10
93	11
94	12
39495	7
96	4
97	8
98	15
99	12
39500	10
82769	14
82770	19

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1KO

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 0984

DATE: December 13, 1989

SAMPLE(S) OF: Core (60)

RECEIVED: December 1989

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines
Project: LOT # 9

Sample #	Au PPB	Sample #	Au PPB
82771	19	6006	23
72	11	07	17
73	22	08	26
74	10	09	18
82775	8	6010	64
76	12	11	32
77	11	12	17
78	8	13	11
79	6	14	38
82780	8	6015	8
81	7	16	338**
82	11	17	27
83	10	18	25
84	12	19	10
82785	7	6020	8
86	3	21	7
87	6	22	12
88	4	23	6
89	11	24	7
82790	10	6025	47
91	6	26	21
92	7	27	22
93	22	28	12
94	11	29	15
82795	14	6030	14
96	10		
97	23		
98	14		
99	75		
82800	44		
6001	38		
02	32		
03	29		
04	45		
6005	86		

** Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,
POJ 1K0

HAILEYBURY, ONTARIO

TEL: 672-3107
FAX: (705) 672-5843

Certificate of Analysis

NO. 1025

DATE: December 20, 1989

SAMPLE(S) OF: Core (22)

RECEIVED: December 1989

SAMPLE(S) FROM:

Mr. R. Bennett, Maude Lake Gold Mines

Sample #	Au PPB
6031	17
32	14
33	19
34	96
6035	16
36	18
37	21
38	14
39	12
6040	18
41	16
42	95
43	97
44	11
6045	19
46	8
47	15
48	14
49	10
6050	8
51	11
6052	7

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



Report of Work (Expenditures, Subsection 77(19))

Warden

Type of Work Performed ASSAYS	Mining Division LARGER LAKE	Township or Area COULSON & BEATTY TWP.
Recorded Holder MAUDE LAKE GOLD MINES LIMITED	Prospector's Licence No. 4 T1181	
Address 300 ELM ST. EAST, SUDBURY, ONT. P3E4M9		Telephone No. 705-674-2724
Work Performed By BELL WHITE ASSAY LABS, HAILEY BURY, ONT 522-7682		
Name and Address of Author (of Submission) Robert Bennett, PENG; 577 Pearson, Sudbury Ont. P3E4M9		Date When Work was Performed From: 22 Day 10 Mo. 89 To: 20 Day 12 Mo. 89 Yr.

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * See Note No. 1 on reverse side				Mining Claim 935243	No. of Days 127.33	Mining Claim 935310	No. of Days 58.80	Mining Claim 935246	No. of Days 24.07	Mining Claim 935248	No. of Days 16.87
Mining Claim 981495	No. of Days 15.40	Mining Claim 642502	No. of Days 60.8	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

Instructions: Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

Calculation of Expenditure Days Credits
Total Expenditures: **\$ 4,539.00** + **15** = **302.6**

Total Number of Mining Claims Covered by this Report of Work: **302.6**

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
L	943235	40									
L	943236	40									
L	943237	40									
L	943238	40									
L	943239	40									
L	943240	40									
L	943241	40									
L	943242	22.6									

RECEIVED
AUG 07 1990
MINING LANDS SECTION

Total Number of Days Performed 302.6	Total Number of Days Claimed 302.6	Total Number of Days to be Claimed at a Future Date - 0 -
--	--	---

Certification of Beneficial Interest *See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: **JULY 25/90** Recorded Holder or Agent (Signature): *[Signature]*

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 Address of Person Certifying
Robert A. Bennett, PENG 577 Pearson Drive
Sudbury, Ont. P3E4M9 Telephone No. 705-522-7682

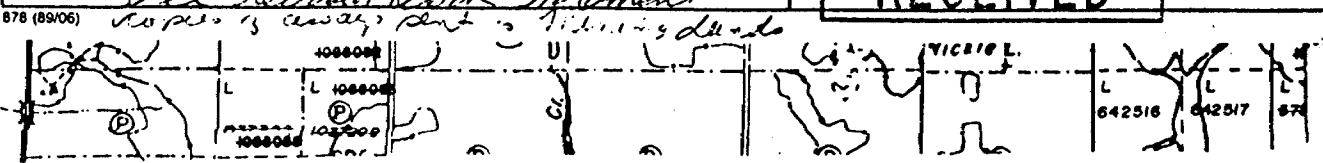
Date: **JULY 25/90** Certified By (Signature): *[Signature]*

For Office Use Only

Total Days Cr. Recorded: **302.6** Date Recorded: **5/21** Mining Recorder: *[Signature]*

Date Approved as Recorded: **July 25/90** Provincial Manager, Mining Lands: *[Signature]*

Received Stamp: **MINING DIVISION**
20 JUL 27 AM 9 49
RECEIVED





Ontario

Ministry of Northern Development and Mines

Technical Assessment Work Credits

File 2.13450

Date Sept. 12, 1990

Mining Recorder's Report of Work No. W9008.212

Recorded Holder
MAUDE LAKE GOLD MINES LTD.

Township or Area
COULSON, WARDEN AND BEATTY TOWNSHIPS

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	<p>\$ 4539.00 Spent on assaying samples taken from Mining Claims:</p> <p>L 935246 to 250 incl.</p> <p>935243, 981495, 935310, 642785, 642508, 642573 and 642502.</p> <p>302.6 Days credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act R.S.O. 1980.</p>

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187 HAILEYBURY, ONTARIO TEL: (705) 672-3107
POJ 1KO

2,134.50

0932	-----	\$296.00
0933	-----	included with above
0934	-----	\$359.00
0935	-----	included with above
0941	-----	\$1255.00
0941-1	-----	included with above
0969	-----	\$882.00
0970	-----	included with above
0971	-----	\$361.00
0972	-----	included with above
0981	-----	\$253.00
0982	-----	\$231.00
0984	-----	\$660.00
1025	-----	\$242.00
	=====	
		\$4539.00

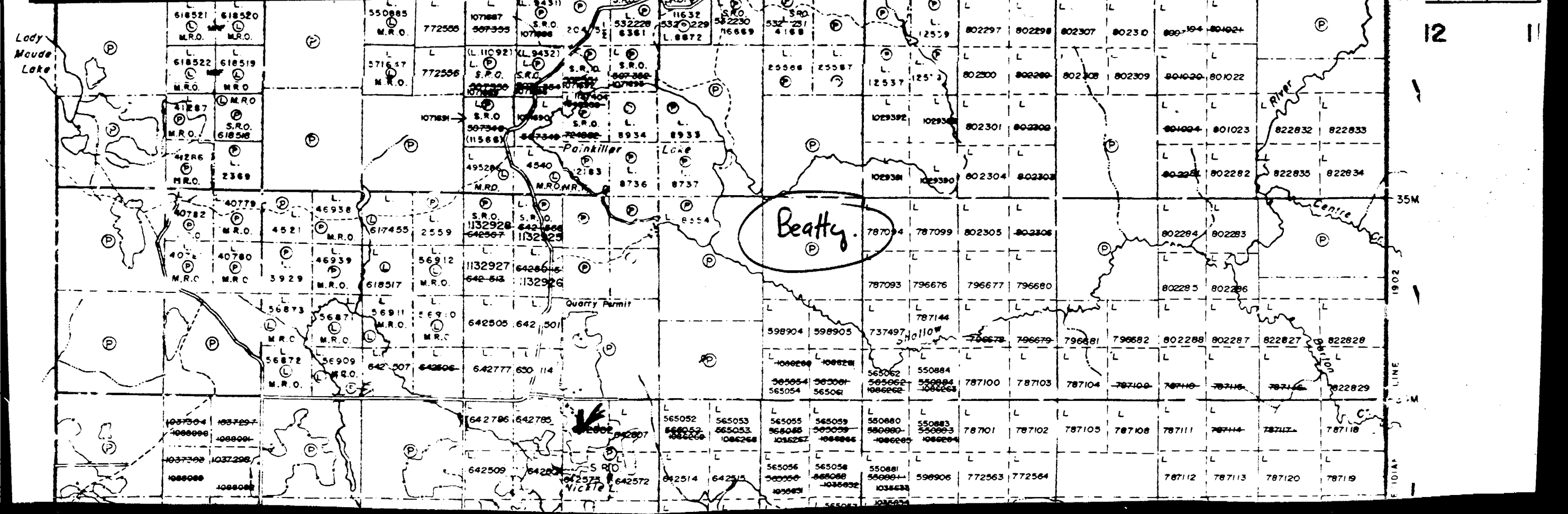
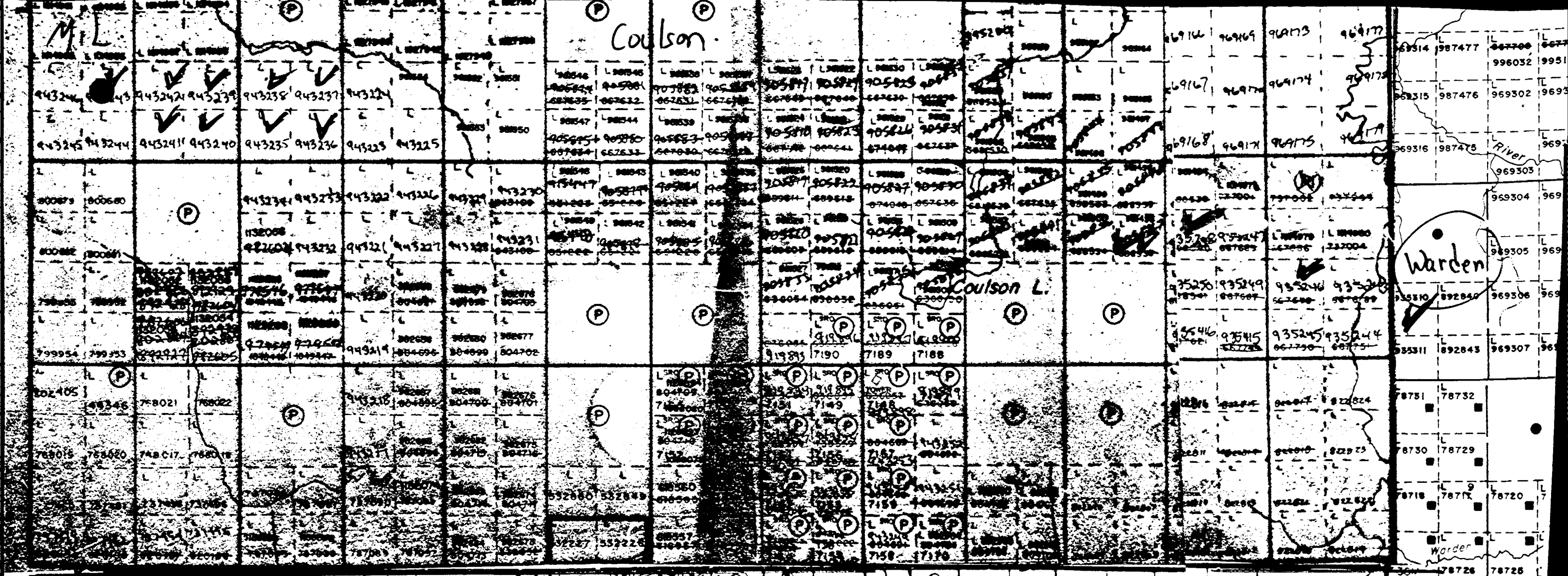
RECEIVED

AUG 07 1980

MINING LANDS SECTION

The above listed assay invoices have been paid in full.

JOHN GRIGNON





Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
880 Bay Street, 3rd Floor
Toronto, Ontario
M5S 1Z8

Tel: (416) 965-4888

September 12, 1990

Your File: W 9008.212
Our File: 2.13450

Mining Recorder
Ministry of Northern Development & Mines
4 Government Road East
KIRKLAND LAKE, Ontario
P2N 1A2

Dear Madam/Sir:

Re: Data for Expenditure submitted under Section 77(19) of the Mining Act. R.S.O. 1980 on Mining Claims: L 943235 et al in Coulson, Warden and Beatty Townships.

The enclosed statement of assessment work credits for Assaying has been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

RM Ron Gashinski
Acting Provincial Manager, Mining Lands
Mines & Minerals Division

DM:zm

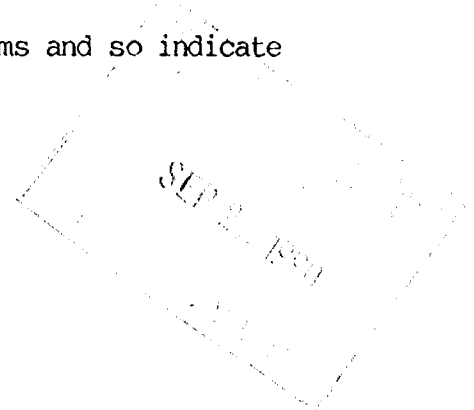
Encl:

cc: Mr. W. D. Tieman
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Kirkland Lake, Ontario

Maude Lake Gold Mines Limited
Sudbury, Ontario

Robert A. Bennett
Sudbury, Ontario



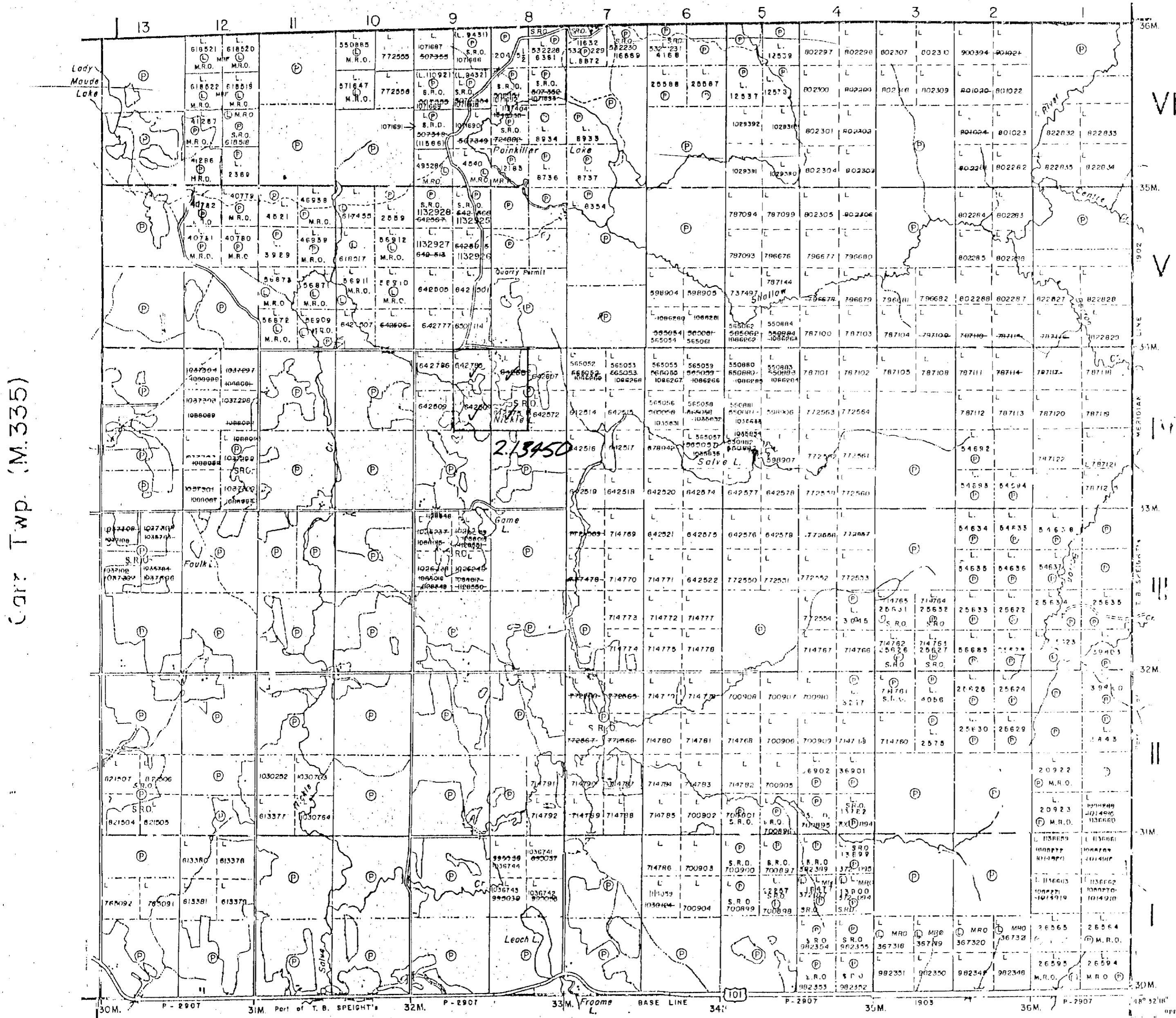
SUBJECT OPERATIONS

Couison Twp. (M.340)

NOTES

100' Surface Rights Reservation along the shores of all lakes and rivers.

(1) Surface and Mining Rights Withdrawn from Staking, section 36/BC order No. W-29/88
2-04/88L OPENS W-29/88



THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

NOTICE OF FORESTRY ACTIVITY
THIS TOWNSHIP / AREA FALLS WITHIN THE WATABEAG MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129 SWASTIKA, ONT. POK ITO 705-642-3222

LEGEND

- PATENTED LAND (P)
- PATENTED FOR SURFACE RIGHTS ONLY (P)
- LEASE (L)
- LICENSE OF OCCUPATION (L.O.)
- CROWN LAND (C.S.)
- LOCATED LAND (L.C.)
- CANCELLED (C)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- HIGHWAY & ROUTE No. (H)
- ROADS (R)
- TRAILS (T)
- RAILWAYS (RA)
- POWER LINES (P.L.)
- MARSH OR MUSKOG (M)
- MINES (M)

DATE OF ISSUE
MAY 7 1980
LANDER LAKE
MINING DIVISION'S OFFICE

TOWNSHIP OF
BEATTY
DISTRICT OF COCHRANE
LANDER LAKE
MINING DIVISION

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

DATE **Oct/71** PLAN No. **M.321**

ONTARIO DEPARTMENT OF MINES AND NORTHERN AFFAIRS

Couison Twp. (M.335)

Munro Twp. (M.376)

Hislop Twp. (M.355)



Knox Twp.

THE TOWNSHIP OF
OF
COULSON

DISTRICT OF
COCHRANE

LARDER LAKE
MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE (C.S.)
- LEASES (L)
- LOCATED LAND (Loc.)
- LICENSE OF OCCUPATION (L.O.)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES (X)

NOTES

400' Surface rights reservation around all lakes and rivers

O-93/87 NR Opens W-8/86 NR

(A) Surface and Mining Rights Withdrawn from Staking, section 36/86 order No. W-3/86-N.A.

(B) STAKING APPLICATION SEPT. 6/79

DATE OF ISSUE
JUN 25 1990
LARDER LAKE
MINING RECORDER'S OFFICE

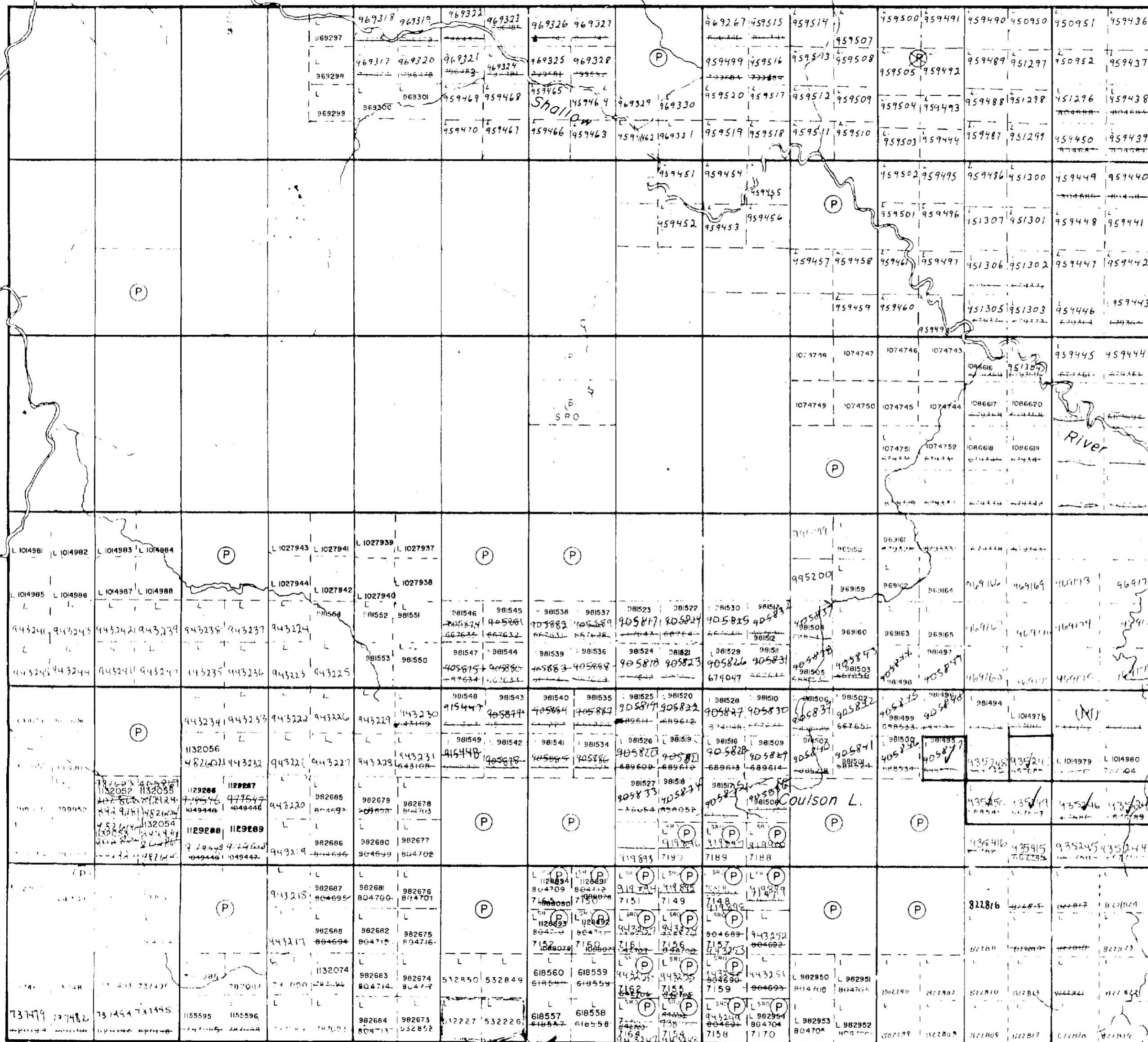
PLAN NO.- M-340

ONTARIO
MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

Wikie Twp.

Warden Twp.



VI

V

IV

III

II

I

IA

12

11

10

9

8

7

6

5

4

3

2

1

IA

Beatty Twp.



42A09N0452 2.13458 COULSON

210

Kerrs Twp.

THE TOWNSHIP OF

WARDEN

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1-INCH= 40 CHAINS

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE (S) or (CS)
- LEASES (L)
- LOCATED LAND (Loc.)
- LICENSE OF OCCUPATION (L.O.)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- ROADS (—)
- IMPROVED ROADS (—)
- KING'S HIGHWAYS (—)
- RAILWAYS (—)
- POWER LINES (—)
- MARSH OR MUSKEG (M)
- MINES (M)

NOTES

100' Surface rights reservation around all lakes and rivers.

Claims L816990 498 See taking sketch for actual location of site

DATE OF ISSUE
MAR 20 1990
LARDER LAKE
MINING RECORDER'S OFF

NOTICE OF FORESTRY ACTIVITY
THIS TOWNSHIP / AREA FALLS WITHIN THE WATABEAG MANAGEMENT UNIT
AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129 SWASTIKA, ONT. POK ITO 705-642-3222

PLAN NO.- M 397

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

LOCATIONS

Coulson Twp.

2.13450

VI
Eastford L.

V

IV

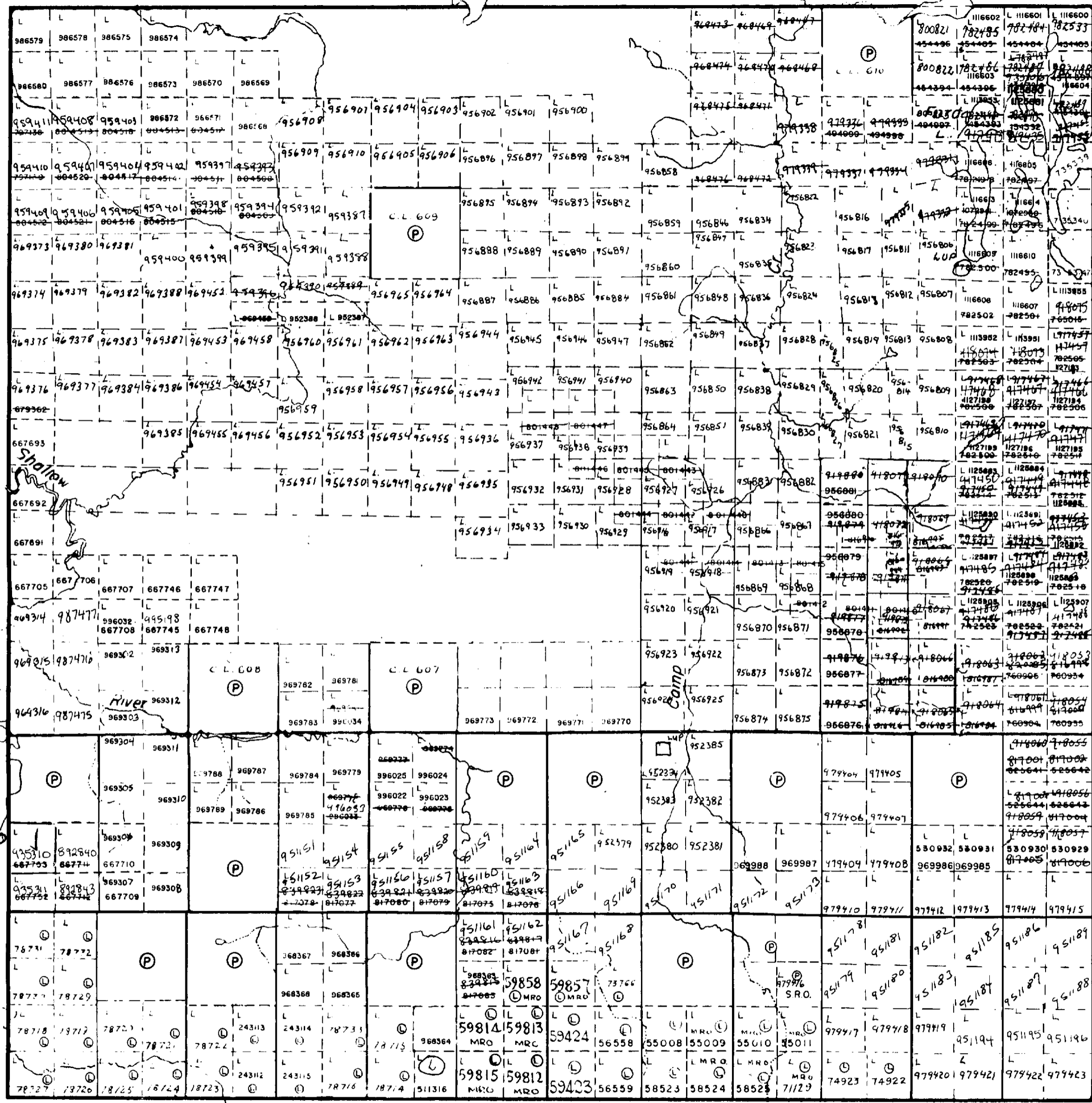
III

II

I

Not Surveyed

Milligan Twp.



12 11 10 9 8 7 6 5 4 3 2 1

Munro Twp.

