

report A
63.3098



52N04SW0243 63.3098 BAIRD TWP

010

INTERNATIONAL MINE SERVICES LIMITED

SUMMARY OF DIAMOND DRILL PROGRAM
ON THE BAIRD TOWNSHIP PROPERTY
OF AIKEN-RUSSET RED LAKE MINES LIMITED
JANUARY-MARCH 1974

RL-27

Toronto
February 25, 1974

J.L. Tindale, P.Eng.,
Geologist

Introduction

Aiken-Russet Red Lake Mines Limited commenced a diamond drilling program on their Baird Township gold property on January 6, 1974, and completed the drilling on February 22, 1974. Drilling was contracted to Barron Diamond Drilling Company Ltd. of Haileybury, Ontario. Supervision in the field was supplied by Alex Watt of MacKenzie Island, Ontario, and Chester Kuryliw of Kenora.

This diamond drilling program has been qualified under the Province of Ontario's Mineral Exploration Assistance Program, Contract RL-27. The following report, and enclosed maps, sections and drill logs, have been prepared to satisfy the requirements of this Assistance Program.

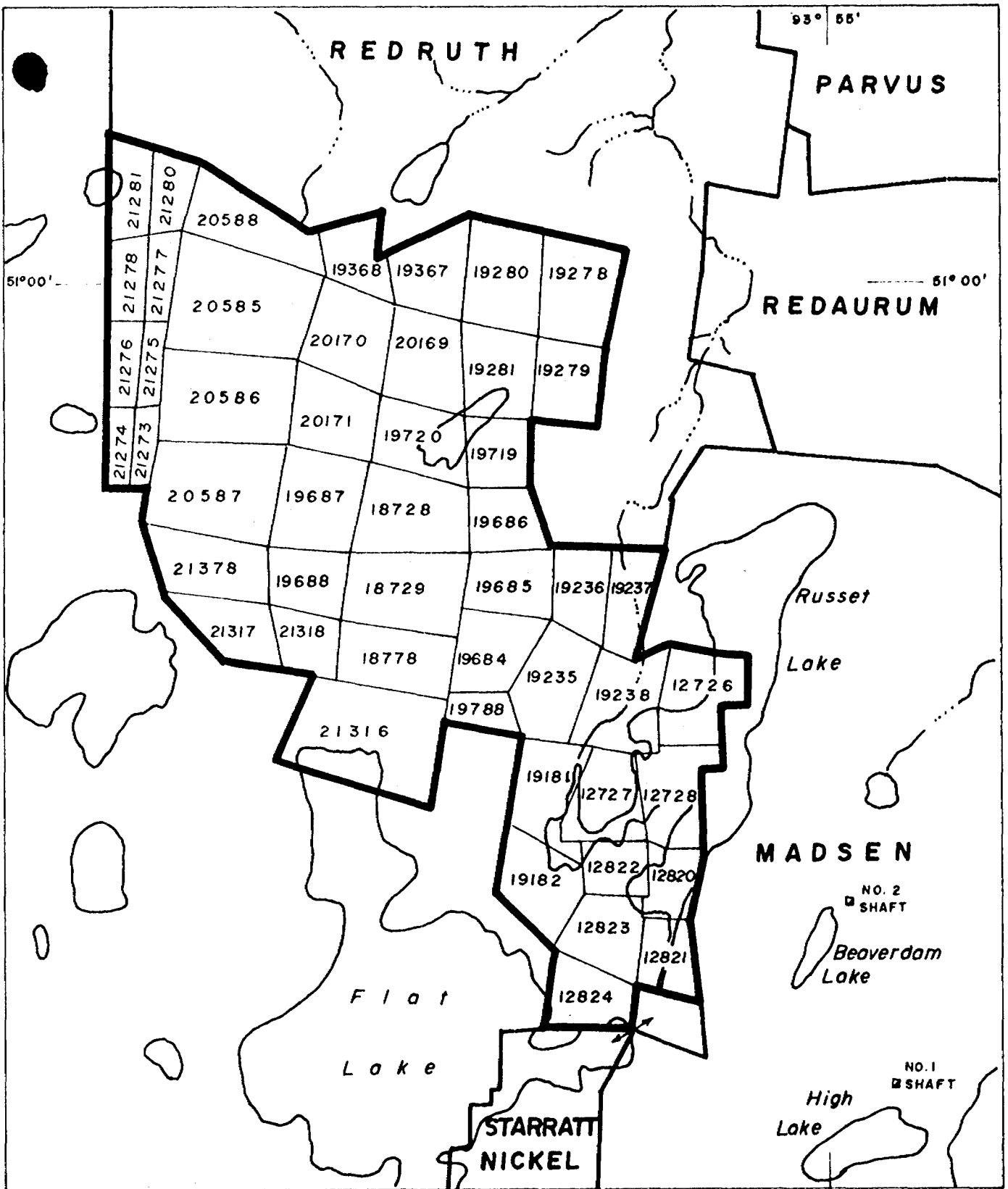
Property, Location and Access

The property consists of 50 patented claims located in the eastern portion of Baird Township. The eastern boundary adjoins the producing Madsen Red Lake Gold Mines Limited. The Madsen shaft is 3,000 ft. east of the mutual boundary. The Madsen mine is served by a highway, townsite, and hydro power. Access to the Aiken-Russet is by bush trail and water routes from Madsen.

The patented claim holdings which make up this property are listed as follows and are depicted on the accompanying location map.

KRL 18728, 18729, 19281, 19367, 19368
KRL 18778, 19278, 19684 to 19688, 19719, 19720,
KRL 19788, 20169 to 20171, 20585 to 20588,
KRL 21273 to 21278, 21280, 21281, 21316 to 21318
KRL 21378, 12726 to 12728, 12820 to 12824
19181, 19182, 19235 to 19238

The recently completed drilling program was carried out on the ice and shoreward portion of the property. Drill crews were accommodated in Red Lake and were transported to the property by truck every eight hours. Access from the Madsen road was accomplished with snowmobiles and tractors.



PROPERTY MAP

AIKEN-RUSSET RED LAKE MINES LTD.

BAIRD TWP., ONTARIO

SCALE : 1" = 1/2 MILE

Historical Summary

The period of greatest activity on the property occurred from 1944 to 1947 when prospecting, trenching and diamond drilling was carried out on a number of the claims.

On the western portion of the property tuff and iron formation on claims 18728 and 18729 were found to carry gold values. Over 8,000 ft. of x-ray and EX size core drilling was expended in tracing the tuffaceous horizons over a strike length of 3,000 ft. Visible gold was encountered in three intersections and assay values ranging from 0.10 to 0.22 oz. per ton in gold are reported in six widely scattered intersections.

On claim 19181 a band of iron formation and a parallel tuff horizon were drilled and found to be consistently mineralized over a length of 800 ft. The majority of the intersections are over narrow widths.

A similar occurrence was drilled on claims 19236 and 19237. Most assays were low though one intersection ran 0.27 oz. per ton gold across three feet.

Claim 12727 contains the most important gold mineralization found to date. A strike length of 1,200 ft. of sheared tuffaceous rock has been drilled with good widths of low grade gold mineralization being encountered. At least 30 holes were drilled in the zone prior to 1950 and great difficulty was encountered in correlating the mineralized zones. In 1967 the present management took over control of the property and remapped the area under the guidance of Chester Kuryliw. Kuryliw recognized that though the formations were striking north and dipping to the east, the schistosity which appears to control the mineralization has a northwesterly strike. Most previous drilling was seen to be running with the altered zones instead of crossing them.

This new interpretation led to a renewal of drilling in 1968 with 16 holes being put down and surveyed as presented on the enclosed drilling map at a scale of 1" = 100'. The 1974 program was designed to further test this zone and to test for extension of the Madsen structures under the waters of Russet Lake.

Geological Summary

Baird Township was mapped by S. A. Ferguson of the Ontario Department of Mines in 1962 at a scale of 1" = 1000', and subsequently published as Geological Report No. 39.

Diamond Drill Program - 1974

TABLE NO. 1

Hole No.	Claim No.	Latitude	Departure	Dip	Azimuth	Collar Elevation	Depth
1974-1	KRL 12727	5239.4N	4197.5E	49° 50'	214° 15'	14.1'	308
1974-2	"	5290.0N	4109.5E	49° 30'	215° 30'	16.0'	301
1974-3	"	5425.3N	4010.5E	50° 15'	215° 45'	15.7'	356
1974-4	"	5087.9N	4398.1E	49° 45'	214° 10'	0	200
1974-5	"	5047.3N	4457.1E	50° 10'	215° 10'	0	306
1974-6	"	4892.1N	4345.1E	50° 10'	213° 50'	1.4'	307
1974-7	"	4755.1N	4234.3E	50° 20'	214° 35'	1.5'	306
1974-8	"	5056.5N	4295.4E	49° 10'	214° 50'	18.05'	133
1974-9	"	5105.1N	4269.9E	50° 10'	214° 10'	19.20'	130
1974-10	"	5129.7N	4224.6E	50° 10'	214° 21'	20.50'	128
1974-11	"	5131.84N	4225.78E	49° 40'	237° 43'	20.50'	138
1974-12	"	5319.55N	4420.10E	49° 30'	214° 45'	1.5'	357
1974-13	"	5266.13N	4510.82E	60°	216° 10'	1.5'	359
1974-14	"	5249.64N	4309.09E	47°	214° 01'	1.6'	280
1974-15	KRL 12728	4554.22N	5291.33E	61° 50'	292° 29'	1.5'	951
1974-16	KRL 19238	5551.34N	4302.50E	49° 46'	215° 09'	2.5'	250
1974-17	"	5717.09N	4051.72E	50° 12'	215° 11'	8.9'	274
1974-18	KRL 12822	3260.00N	3995.00E	50° 17'	270°	16.30'	807
1974-19	KRL 12727	5259.00N	4158.00E	50° 45'	213° 15'	28.32'	298
1974-20	"	5326.00N	4056.00E	50° 10'	214° 55'	24.67'	402
1974-21	"	5201.00N	4390.00E	50° 20'	214° 45'	1.5'	240
1974-22	"	5387.00N	4101.00E	50° 15'	214° 45'	22.02'	358
TOTAL FOOTAGE							7189'

NOTE: 1. Collar elevations measured from level of Russet Lake

The primary objective of the 1974 drilling program was to further delineate a broad zone of low grade gold mineralization along the western shore of Russet Lake. This zone was partially tested in 1968 and the current program was designed to block out sufficient mineralized material to warrant an underground test.

Holes 1974-1, 2, and 3 were drilled to the west of the previously indicated gold zone to test for an extension in this direction. A zone assaying 0.113 oz. per ton Au across

seven feet was encountered in hole no. 1. This mineralization was in a brownish biotite tuff zone at a deeper horizon than the previous zone to the east. Holes 2 and 3 intersected the same deeper zone, though values weakened as we proceeded west-erly. Near the end of the current program holes 19 and 20 were drilled half way between no.'s 1 and 2, and 2 and 3 respectively. Hole 20 intersected a six ft. band of brown tuff between 233 ft. and 239 ft. in the hole with visible gold apparent at 239 ft. Hole 22 was then drilled below no. 20 but exhibited poor alter-ation effects. Assays are awaited for these last holes.

The main mineralized lense was tested with a series of short holes at the 50 ft. horizon and a deeper tier at the 200 ft. horizon. These holes, numbered 4, 5, 8, 9, 10, 11, 12, 13, 14, and 21, were disappointing. The structure was inter-acted in many of the holes but assay values were lacking. Strong silicification, and pyrite, in the brown tuff were present but lacked the gold content previously located at the 100 ft. horizon.

Holes 6 and 7 were drilled to cross-section the area between hole 5 and 1968-15. No values were located. Holes 16 and 17 were drilled to offset mineralization also located in the 1968 program. Hole 16 intersected a wide lamprophyre dyke at the projection extension of the brown tuff band from previous drilling. Hole 17 cut low values under similar circumstances.

Hole 15 was drilled out in Russet Lake to attempt to pick up the upward extension of the Madsen No. 8 Zone. The hole failed to penetrate the footwall of the Russet Lake talc zone, which hosts the Madsen mineralization. Hole no. 18 was similarly drilled to test for reported up dip values from Madsen. Assay values are awaited from this hole.

All holes have been surveyed and tied to the co-ordinate system. The no. 1 post of surveyed claim KRL 12727, co-ordinates 5500N and 4300E, serves as the control point for this survey.

All core is stored in covered boxes on racks constructed on claim KRL 12727 within sight of the collar of hole no. 74-14.

Conclusions

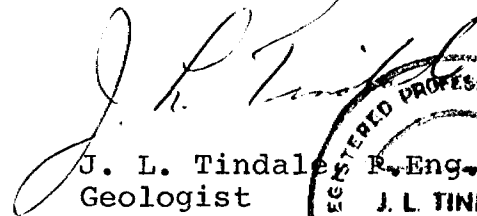
1. The original definition of the "main" gold structure at Aiken appears to have been over optimistic. The gold appears to have concentrated within flatly plunging lenses with limited lateral extent.

2. Mineralization exists in a number of these zones, perhaps in an en echelon pattern. Only underground development will conclusively define the orientation and controls existing.

3. The upward projection of the Madsen zones were not encountered.

4. Final conclusions on drilling results and future planning must await detailed compilation of all past and current drill results. This should be completed during the next two months.

Respectfully submitted,


J. L. Tindale, P. Eng.
Geologist



Toronto, Ontario
February 25, 1974

DIAMOND DRILL LOGS

ATKINS-RUSSET RED LAKE MINES LIMITED

~~KIMBERLY CLAY COMPANY~~

74-1

DIAMOND DRILL CORE LOG

CO-ORDINATES *52°39'4" N* No. 3 Zone
 LAT *52°39'4" N* Location *KRL 12727* Section
 ELEVATION *5252.7* HOLE NO. *74-1* TOTAL DEPTH *308 Ft.*
 AZIMUTH *294°15'* DIP *49°50'* SHEET NO. *1* FT. RECOVERED
 HOR. DATE BEGUN *January 7/74* % RECOVERY
 VERT DATE FINISHED *January 8/74* SIZE BIT *FQ*

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
0 25.0	Casing								
25.0 96.5	Greyish Greyish Andesite with occasional trace of tuffaceous bedding at 90° to core. 5" bluish quartz stringer at 60° to core at 58.5'								
	58.0' - 59.0'	1	0.01						
96.5 114.0	Greyish green chloritic tuff. Banding at 90° to core. No sil. or min.								
114.0 117.6	Brown Tuff. Small carbonate & quartz blobs throughout. 1% qtz. Slight silicification and occasional small blob pyrite (cubic).								
	114.0' - 117.6'	2	0.04						
117.6 157.1	Greyish green tuff, andesitic appearance except for traces of faint banding.								
157.1 168.0	Greyish brown tuff. Blobs chloritic material and few quartz and carb. filled fractures. Trace fine disseminated py.								
	157.1' - 160.0'	3	0.02						
	160.0' - 164.0'	4	0.03						
	164.0' - 168.0'	5	0.04						
168.0 193.0	Greyish green tuff, andesitic appearance except for faint trace of bedding.								
193.0 195.6	Brown tuff with some chloritic sections, and few carb filled fractures. Sparse fine py.								
195.6 210.0	193.0' - 195.6'	6	0.08						
	Similar to 168.0 to 193.0								
210.0 218.5	Brownish tuff. Poorly banded. Chlorite, carbonate and minor quartz in thin fractures. Very little min.								
	210.0' - 213.0'	7	0.04						
	213.0' - 216.0'	8	0.05						
	216.0' - 218.5'	9	0.10						
218.5 249.0	Brown & green tuff. Well banded. Slight silicification throughout, with few sections well sil. 3" blue grey quartz at 221', and quartz filled fractures 221' - 229.								

AWPL

LOG BY

A.W.

DIAMOND DRILL CORE LOG

COR CO-ORDINATES

Location

Section

LAT	DEP	HOLE NO.	74-1	TOTAL DEPTH
ELEVATION		SHEET NO.	2 of 2	FT. RECOVERED
AZIMUTH	DIP	DATE BEGUN		% RECOVERY
HOR.	VERT	DATE FINISHED		SIZE BIT

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
218.5 249.0	Continued from sheet 1								
	218.5 - 220.0	10	0.10	0.75	119'				
	220.0 - 223.0	11	0.13						
	223.0 - 226.0	12	0.04						
	226.0 - 229.0	13	0.08					0.055	61-229'
	229.0 - 232.0	14	0.03						
	232.0 - 235.0	15	0.03						
	235.0 - 238.0	16	0.02	0.03	15/20'				
	238.0 - 241.0	17	0.04						
	241.0 - 244.0	18	0.03						
	244.0 - 249.0	19	0.06						
249.0 257.0	Dark grey, poorly banded tuff. No min. or oil.								
257.0 275.0	Grey, poorly banded tuff. 0.8' clear, bluish white quartz at 45° to core at 259.5'. Slight oil, and few tiny clustern of pyrr 260.8' to 263.8'.								
	257.0 - 260.7	20	0.03						
	260.7 - 263.8	21	0.05	0.047	114'				
	263.8 - 267.3	22	0.08						
	267.3 - 271.0	23	0.03						
	271.0 - 275.0	24	0.02						
275.0 308.0	Andesite. Massive, fine grained, with few tiny carb. filled fractures.								
308.0	End of Hole.								

74-2

MCMENZIE-ROO-LAKE-GOLD-MINING LTD.

DIAMOND DRILL CORE LOG

CAR CO-ORDINATES

No. 3 Form.

Location GR 18787

Section

LAT 53° 00' N DEP 4109.5 HOLE NO. 74-2 TOTAL DEPTH 1701
 ELEVATION 416.0 SHEET NO. 1 FT. RECOVERED
 AZIMUTH 214° 30' DIP 49° 30' DATE BEGUN January 8/74 % RECOVERY
 HOR. VERT DATE FINISHED January 10/74 SIZE BIT EQ

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
0 / 170	Casing								
170 / 119.7	Andosita. Fine grained, massive.								
119.7 / 140.9	Lamprophyra Dyke. Dark brownish black, fine grained with fine brown biotite disseminated. Contact angle 45° to core.								
140.9 / 190.0	Andosita. as 170-119.7	25	0.01						
190.0 / 194.0	Brown tuff. Very slight sil. and sparse diss. of	26	0.02						
194.0 / 197.3	Brown silicified tuff. Chlorite and carbonate color bands. 10% gray blue quartz in fractures light, fine of disseminated throughout. Occasional blob sprr.	27	0.06						
197.3 / 200.0	Gray, chloritic tuff. Andositic appearance, w. to only faint traces banding	28	0.03						
200.0 / 236.0	Similar to previous section.	29	0.04						
236.0 / 3010	Grayish Andosita. Section 200.0-267.0 brown tuff with slight sil and sparse fine py.	30	0.05						
3010	End of Hole								

LOG BY

[Signature]

74-3

AIKEN-RUSSET RED LAKE MINES LTD.
~~MACENZIE RED LAKE GOLD MINES LTD.~~

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES No. 3 Zone
 Location KRL 12727 Section _____
 LAT 5925.3 N DEP 4010.5 E HOLE NO. 74-3 TOTAL DEPTH 356
 ELEVATION 4-15.7 SHEET NO. 1 FT. RECOVERED _____
 AZIMUTH 214° 45' DIP -50° 15' DATE BEGUN Jan. 11/74 % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED Jan. 12/74 SIZE BIT EQ

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON		AVGS	SLUDGES							
							SAMP. NO.	FROM	OZ. AU	VALUE				
0														
7.0	Casing													
7.0	Andosita.													
111.0														
111.0	Grey, chloritic tuff.													
224.0	Poorly sorted banding at 90° to core.													
	Section 114.3' to 125.0'													
	lightly silicified with faint blabs grayish white quartz and very sparse fine py.													
	114.3 - 117.0	31	0.01											
	10% quartz 117.0 - 120.0	32	0.04											
	60% quartz 120.0 - 123.3	33	0.03											
	123.3 - 125.0	34	0.02											
	154.7 - 156.7	35	0.01											
	187.3 - 190.7	36	0.02											
224.0	Lamprophyro Dyke. Flashed with biotite.													
241.9	Dark gray chloritic tuff.													
274.0	Andositic appearance, except for faint trace of banding at 90° to core.													
274.0	Andosita. Similar to previous tuff except for decrease in faint banding.													
	Brown tuff 288.8 - 291.4	38	0.04											
	60% quartz 330.1 - 332.3	39	0.02											
	294.4 - 297.5	42	0.04											
	308.7 - 311.6	43	Tr.											
	330.3 - 333.1	44	0.01											
356.0	End of Hole.	333.1 - 336.6	45	0.01										
		336.6 - 339.4	46	0.02										
		339.4 - 344.9	47	0.01										

0.1 / 14.6'

AWPL

LOG BY

Cartwright

74-4

NIKEN-RUSSET RED LAKE MINES LTD.
MCKENZIE-RED LAKE GOLD-MINING LTD.

DIAMOND DRILL CORE LOG

CO-ORDINATES Location No 3 Zone Section _____
 LAT 50° 29' N DEP 93° 30' E HOLE NO. 74-4 TOTAL DEPTH 200'
 ELEVATION Lake level - 0 SHEET NO. 1 FT. RECOVERED _____
 AZIMUTH 214° 10' DIP -49° 45' DATE BEGUN January 15/24 % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED January 17/24 SIZE BIT 1 3/8"

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ AU	VALUE
0									
52.0	Casing								
52.0	Russet Lake Talc Rock								
110.6	Mottled, gray and black, medium grained, with xstals blured. Irregular					335	70/80'		Tr
	blabs, indurite, and streaks carbonates, chlorite, and talc.					336	80/90'		"
	Very soft.					337	90/100'		"
	Section 870-980 may be an altered amosite - fine grained, green, and talcose.					338	100/110'		"
						339	110/120'		"
						340	120/130'		"
						341	130/140'		"
110.6	Block, fine grained Dyke					342	140/150'		"
119.1	Course, hornblende xstals at contacts. Contact 15' to west.					343	150/160'		"
	Trag fault (off set 150') at 119.1					344	160/170'		"
						345	170/180'		"
119.1	Continuation of Russet Lake Talc					No sludge returned at collar after 180'			
124.6	Black Dyke. Unaltered and fresh appearance								
124.6									
131.9	Massive, fine grained and hard. Slight disseminated Pt in places.								
131.9	Continuation of Russet Lake Talc Rock								
200.0	End of Hole								
		87.0 - 93.0	4.0	0.01					
		93.0 - 98.0	5.0	0.01					

AWPL

LOG BY G. West

DIAMOND DRILL CORE LOG

COR CO-ORDINATES Location KRL 12728 Section _____
 LAT 50°47.3' N DEP 4457.1 E HOLE NO. 74-5 TOTAL DEPTH 306 Ft.
 ELEVATION 800 Lake Level SHEET NO. 1 FT. RECOVERED _____
 AZIMUTH 215° 30' DIP 50° 30' DATE BEGUN January 18/74 % RECOVERY _____
 HOR. 196.6 VERT 234.9 DATE FINISHED January 19/74 SIZE BIT EQ

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
0 77.0	Casing								
77.0 189.5	Russot Lake Talc Rock. Soft & talcose, mottled grey & black. Medium grained with rtala blurred, irregular blobs jadoite, and streaks carbonate, chlorite, and talc.					346	80-90°	7-	
						347	90-100°	"	
						348	100-110	"	
						349	110-120	"	
189.5 219.0	Highly altered andosite. Fine grained. Green. Lightly talcose.	41	0.1	✓		No sludge returned from hole after 120'.			
219.0 296.0	Continuation of Russot Lake Talc Rock as in 77.0 to 189.5								
296.0 309.2	Black Dyke. Fine grained, fresh appearance, massive, and slightly brownish in places. Slightly brecciated in places. Traces fine py & pyr in places.								
309.2 306.0	Continuation of Russot Lake Talc Rock as in sections 77.0 - 189.5								
306.0	End of Hole								
		213.2 - 215.0	54	0.01					
		230.3 - 233.4	56	0.02					
		268.8 - 270.0	51	0.01					
		296.1 - 300.0	52	0.04					
		300.0 - 303.5	53	0.01					

AIKEN RUSSET RED LAKE MINES LIMITED
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

DIAMOND DRILL CORE LOG

4892.07 N
 IAR CO-ORDINATES
 LAT 4322.08 N DEP 4345.16 E HOLE NO. 74-6 Section
 ELEVATION 6 plus 1.4 Ft SHEET NO. 1 TOTAL DEPTH 307 FT
 AZIMUTH 215° 50' DIP 50° 10' DATE BEGUN January 18/74 FT. RECOVERED
 HOR. VERT DATE FINISHED January 20/74 % RECOVERY
 SIZE BIT EQ

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
0								
65.0	Casing							
65.0	Russet Lake Talc Rock. Slight schistosity in places.	133.7-133.8 57 145.5-146.6 58	0.01					
65.6	Andesite. Sharp contact with previous. Fine grained, massive, no talc alteration.							
198.4	Lamprophyre Dike. Flecked with biotite phenocrysts. Traces fine py disseminated in places.							
217.5	Andesite. Light grey, slightly reddish at 45° to core. Slight talc alteration in places. Occasional trace of banding					350	80-90	Tr
						351	-100	"
						352	-110	"
262.8	Lamprophyre Dike. Flecked with biotite phenocrysts.					353	-120	"
264.7	Grey altered andesite or tuff. Traces of banding throughout.					354	-130	"
						355	-140	"
264.7	Grey altered andesite or tuff. Traces of banding throughout.					356	-150	"
265.6	Lamprophyre Dike.					357	-160	"
267.0	Chloritic Tuff. Greyish green, banded at 45° to core. No Min.					358	-170	"
						359	-180	"
267.0	Chloritic Tuff. Greyish green, banded at 45° to core. No Min.					360	-190	"
273.0	Andesite. Fine grained, massive, black grey to black.					361	-200	"
						362	-210	"
						363	-220	"
273.0	Andesite. Fine grained, massive, black grey to black.					364	-230	"
						365	250-260	"
						366	-270	"
307.0	End of Hole					367	-280	"
						368	290-300	"

AWPL

LOG BY R. Wall

DIAMOND DRILL CORE LOG

74-7

AR CO-ORDINATES Location *No. 5 Zone.* 581 12727 Section
 LAT 4755.10 N DEP 4234.85 E HOLE NO. 74-7 TOTAL DEPTH 306.0
 ELEVATION 415' above 1000 level SHEET NO. 1 of 2 FT. RECOVERED
 AZIMUTH 214° 25' DIP -50° 20' DATE BEGUN January 21/24 % RECOVERY
 HOR. VERT DATE FINISHED January 25/24 SIZE BIT 59

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
0								
20.0	Casing					369	50-60	0.05
20.0	Andesite. Grayish green					370	60-70	0.04
36.0	Considerable fracturing with fine gray blue quartz and carbonate filling					371	70-80	TR
						372	80-90	TR
						373	90-100	TR
36.8	Kamprophyic Dike. Prominent brown biotite phenocrysts.					374	100-110	TR
67.5	Light fine gr. d. pfr throughout					375	110-120	TR
	Section 40.0-43.4 contains 20% blue gray quartz in fractures with blabs pfr.					376	120-130	TR
		40.0-43.4	59	0.01		377	130-140	TR
		43.4-48.0	60	0.03		378	140-150	TR
						379	150-160	TR
						380	160-170	TR
67.5	Andesite. Light gray					381	170-180	TR
99.1	altered. Traces schistosity at 90°. Blue gray quartz filling in small scattered fractures					382	180-190	TR
						383	190-200	0.03
99.1	Black Dike. Massive and fine grained.							
106.6	Continuation of Andesite as in 67.5-99.1							
128.0		117.0-128.0	61	0.01				
128.0	Brownish Black Dike.							
141.3	Massive and fine grained.							
141.3	Andesite. Gray green							
158.0	Faint faint traces banding							
158.0	Black Dike. Fine grained and massive.							
161.6								
161.6	Gray green chloritic tuff. Very andesitic appearance. Only faint traces banding							
197.4								

Continued on Sheet No. 2

DIAMOND DRILL CORE LOG

74-7

AR CO-ORDINATES

Location

Section

LAT _____ DEP _____ HOLE NO. 74-7 TOTAL DEPTH _____
 ELEVATION _____ SHEET NO. 2 of 2 FT. RECOVERED _____
 AZIMUTH _____ DIP _____ DATE BEGUN _____ % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED _____ SIZE BIT _____

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
199.1	Andesite. Dark grayish					384	200-210	TR
275.2	black. Fine grained,					385	210-220	TR
	massive, with very					386	220-230	TR
	little fracturing.					387	230-240	TR
	At 212.5' - 4 inch quartz					388	240-250	TR
	carbonate cement at 70'					389	250-260	TR
	to core - no mineralization					390	260-270	TR
	Strips of calc. 212.2 - 212.8	62	0.02			391	270-280	TR
	" " 260.5 - 262.0	63	0.02			392	280-290	0.01
						393	290-300	0.02
275.2	Continuation of previous							
306.0	Andesite. Not as massive,							
	and considerable chlorite							
	alteration. Occasional							
	very fine trans. banding.							
	10% quartz in fractures							
	sil. and fine sp. 301.0 - 303.7	64	0.04					
306.0	End of Hole.							

AWPL

LOG BY

QuWatt

DIAMOND DRILL CORE LOG

No. 5 Zone

COR CO-ORDINATES Location 586 18747 Section _____
 LAT 50°50'50" N DEP 72°25'35" W HOLE NO. 714-B TOTAL DEPTH 133 1/2
 ELEVATION 618 05 11 SHEET NO. _____ FT. RECOVERED _____
 AZIMUTH 814°50' DIP 47°10' DATE BEGUN January 24/74 % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED January 24/74 SIZE BIT 1 1/8

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
0								
11.0	Casing					374	10-20	TR
11.0	Andasite Gray gran.					375	30-50	TR
35.0	Traces boundary in place					376	30-40	TR
35.0	Brown chlorite Tuff - Boundary					377	40-50	TR
71.0	of 75° Very little sil. or mica					378	50-60	TR
		350-380	65	70		379	60-70	TR
		380-410	66	70				
		410-440	61	70		400	70-80	TR
		440-470	68	70				
		470-500	61	6-01		201	80-90	TR
		500-530	70	70				
		530-560	71	6-01		202	90-100	TR
		560-590	72	6-01				
		590-620	73	70		203	100-110	TR
		620-650	74	70				
		650-680	75	6-01		204	110-120	TR
		680-710	76	6-01		205	120-130	TR
71.0	Brown Tuff. highly sil. rich							
104.6	light fine gr. disseminated throughout							
	Many fine, thread like, irregular grey blue quartz stringers							
		710-740	77	6-01				
		740-770	78	6-01				
		770-800	79	6-01				
		800-830	80	70				
		830-860	81	70				
		860-890	82	70				
		890-920	83	6-01				
		920-950	84	6-01				
		950-980	85	70				
		980-1010	86	70				
		1010-1040	87	Nil				
104.6	Gray black porphyry Dyke							
109.1	Contacts at 70' to core							
109.1	Andasite Dark greenish							
133.0	black. Slight traces							
	banding from 109.1-112.0							
133.0	End of Hole							

DIAMOND DRILL CORE LOG

Location *No. 3 Zone*
 AR CO-ORDINATES Location *522 12727* Section
 LAT *510510 N* DEP *4269 85 E* HOLE NO. *74-9* TOTAL DEPTH *130 FT*
 ELEVATION *1920 FT* SHEET NO. *1* FT. RECOVERED
 AZIMUTH *219° 10'* DIP *-50° 10'* DATE BEGUN *January 25/44* % RECOVERY
 HOR. VERT DATE FINISHED *25/44* SIZE BIT *69*

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
0									
8.0	Casing								
8.0	Andesite. Occasional void					206	20-30	TR	
23.7	Faint trace of banding					207	30-40	TR	
23.7	Green chlorite Tuff					208	40-50	0.10	
78.0	Prominent banding at 70° to 90°					209	50-60	TR	
	Few short sections show					210	60-70	0.07	
	traces sil. & py	257-270	88	TR.		211	70-80	TR	
		270-300	89	TR.		212	80-90	0.05	
		300-330	90	TR.		213	90-100	TR	
		330-360	91	TR.		214	100-110	TR	
		360-390	92	TR.		215	110-120	TR	
		390-420	93	TR.		216	120-130	TR	
		420-450	94	TR.					
		450-480	95	TR.					
		480-510	96	0.02					
		510-540	97	0.01					
		540-570	98	0.01					
		570-600	99	0.01					
		600-630	401	TR.					
		630-660	402	TR.					
		660-690	403	0.01					
		690-720	404	TR.					
		720-750	405	TR.					
		750-780	406	TR.					
78.0	Brown Tuff. Lightly silicified								
92.0	with light fine py & sp. disseminated throughout. Few thread-like quartz stringers								
		804-810	407	0.01					
		810-840	408	TR.					
		840-870	409	0.01					
		870-900	410	TR.					
		900-920	411	TR.					
92.0	Green ch. Tuff								
129.0	Few brownish, bit. sections light py disseminated throughout								
		920-950	416	TR.					
		950-980	417	0.01					
		980-1010	418	0.02					
		1010-1040	419	TR.					
		1040-1070	420	0.01					
		1070-1100	421	0.01					
		1100-1130	422	TR.					
		1130-1160	423	TR.					
		1160-1190	424	0.02					
		1190-1220	425	0.02					
		1220-1250	426	0.01					
		1250-1270	427	TR.					
		1270-1290	428	TR.					
130.0	Andesite								
130	End of Hole								

LOG BY *GWatt*

DIAMOND DRILL CORE LOG

No 3 Zone

COR CO-ORDINATES

Location 581 12427

Section

LAT 5129.70 N DEP 4224 60 6 HOLE NO. 74-10 TOTAL DEPTH 128.51
 ELEVATION 480.50 11 SHEET NO. 1 FT. RECOVERED
 AZIMUTH 219.21 DIP 50.10 DATE BEGUN Jan 26/74 % RECOVERY
 HOR. VERT DATE FINISHED Jan 26/74 SIZE BIT 1.0

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
0									
14.0	Casing					217	20-30	TR	
14.0	Gray green siliceous Tuff.					218	30-40	02	
75.0	Faintly banded at 75' to base.					219	40/50	01	
	Traces of a sil. in sandstone sections	51.5 - 54.0	422	0.01		220	50/60	TR	
		54.0 - 57.0	430	0.01		222	70-80	TR	
		57.0 - 60.0	431	0.01		223	80-90	TR	
		60.0 - 63.0	432	TR.		224	90-100	04	
		63.0 - 66.0	433	0.01		225	100-110	TR	
		66.0 - 69.0	434	TR.		226	110-120	01	
		69.0 - 72.0	435	TR.		227			
		72.0 - 75.0	436	TR.					
75.0	Brown Tuff. Fine basite & pyrite disseminated throughout light siliceous Tuff, scattered, thread like, thin stringers quartz in places.								
112.8		75.0 - 78.0	437	0.01					
		78.0 - 81.0	438	TR.					
		81.0 - 84.0	439	0.01					
		84.0 - 87.0	440	TR.					
		87.0 - 90.0	441	0.02					
		90.0 - 93.0	442	TR.					
		93.0 - 96.0	443	0.01					
		96.0 - 99.0	444	0.01					
		99.0 - 102.0	445	TR.					
		102.0 - 105.0	446	0.01					
		105.0 - 108.0	447	0.02					
		108.0 - 110.0	448	0.02					
		110.0 - 112.2	449	0.01					
112.8	Green Tuff.								
112.8	Poorly banded Andesitic greenstone								
114.7		112.2 - 114.7	450	0.01					
128.0	Andesite. Pillow rims, and amygdules showing								
128.0	End of Hole								

DIAMOND DRILL CORE LOG

No. 5 Lens

LOCATION CO-ORDINATES
 LAT. 51° 13' 00" N DEP. 4225 76 0 HOLE NO. 74-11 Section
 ELEVATION 220.50 above base level SHEET NO. 1 TOTAL DEPTH 138 1/2
 AZIMUTH 237° 45' DIP 42° 40' DATE BEGUN January 29/74 FT. RECOVERED
 HOR. VERY DATE FINISHED January 31/74 % RECOVERY
 SIZE BIT 69

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
0	Casing							
14.0	Gray-green Chlorite Tuff							
30.8	Andesitic appearance with only faint traces banding.					227	10-20	TR
	Section 257 to 285 is well banded with alternating quartz and trace of 257 - 285	451	70			228	20-30	TR
						229	30-40	TR
						230	40-50	TR
						231	50-60	TR
30.8	Black Dyke Fine grained massive					232	60-70	TR
37.4	Green Chlorite Tuff					233	70-80	TR
81.0	Banding at 45° to core. Very little min. or sil					234	80-90	TR
						235	90-100	TR
						236	100-110	TR
		615 - 645	452	70		237	110-120	TR
		645 - 660	453	70		238	120-130	TR
		660 - 687	454	70		239	130-140	TR
		687 - 717	455	70				
		717 - 747	456	70				
		747 - 777	457	70				
		777 - 810	458	70				
81.0	Greenish Brown Tuff							
90.0	Slight silicification and sparseness of quartz throughout.							
		810 - 840	459	0.01				
		840 - 870	460	70				
		870 - 900	461	70				
90.0	Green Chlorite Tuff							
138.0	Very little min. or sil							
		900 - 950	462	70				
		950 - 980	463	70				
		980 - 1000	464	70				
		1000 - 1050	465	0.01				
		1050 - 1100	466	0.01				
		1100 - 1150	467	70				
		1150 - 1200	468	70				
		1200 - 1250	469	70				
		1250 - 1300	470	70				
138.0	End of Hole							

AWPL

Note: Casing left in hole LOG BY Quinn

DIAMOND DRILL CORE LOG

No 3 Zone

COR CO-ORDINATES

Location *KRL 13738*

Section

LAT *53° 19' 55" N* DEP *4420.0* HOLE NO. *74-12* TOTAL DEPTH *357.0*
 ELEVATION *+ 12.0* SHEET NO. *1 of 2* FT. RECOVERED
 AZIMUTH *244° 45'* DIP *42° 30'* DATE BEGUN *January 28/74* % RECOVERY
 HOR. VERT DATE FINISHED *January 30/74* SIZE BIT *5/8*

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU. VALUE
0								
43.0	Casing					240	52.00	Tr
43.0	Russet Lake Tuff Rock					241	60.70	"
167.6	Course grained with xtal obliterated. Very felsic.					242	70.00	"
	Blabs gray green gabbro					243	80.90	"
	Section 200-210 is 60% lost core. (See zone 8)					244	90.100	"
						245	100.10	"
						246	110.100	"
167.8	Andesite: Grey gabbro					247	120.150	"
175.7	fine grained and massive					248	130.100	"
175.7	Kamapophya Dike					249	140.150	"
177.0	Black, medium grained					250	150.100	"
177.0	Continuation of Andesite					251	160.110	"
236.5	as in 167.6-175.7					252	170.120	"
236.8	Green chloritic Tuff					253	180.140	"
247.7	No silicification or iron					254	190.200	"
		247.7-248.3	470	70.		255	200.10	"
		244.7-247.7	471	70.		256	210.220	"
247.7	Brownish green Tuff					257	220.250	"
261.0	Chloritic and Biotitic interbeds					258	230.240	"
	Very light silicification in places and sparse fine py					259	240.250	"
	Very fine, fine, quartz stringers					260	250.260	"
		247.7-249.0	472	70.		261	260.270	"
		249.0-252.0	473	70.		262	270.280	"
		252.0-255.0	474	70.		263	280.290	"
		255.0-261.0	475	70.				
261.0	Green chloritic Tuff							
290	Only faint trace banding in places. Very little iron or sil.							

Continued Sheet No. 2
 LOG BY *awhit*

DIAMOND DRILL CORE LOG

AR CO-ORDINATES		Location		Section	
LAT	DEP	HOLE NO.	74-12		TOTAL DEPTH
ELEVATION		SHEET NO.	2 of 3		FT. RECOVERED
AZIMUTH	DIP	DATE BEGUN			% RECOVERY
HOR.	VERT	DATE FINISHED			SIZE BIT

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
261.0	Continued from Shoot No. 1							
270.0		476	Tc			264	270-300	Tc
		477	Tc					
		478	Tc			265	300-310	"
		479	Tc					
		480	Tc			266	310-320	"
		481	Tc					
		482	Tc			267	320-330	"
290.0	Green, chloritic tuff.							
323.6	Very andesitic appearance, only occasional trace of banding.					268	330-340	"
						269	340-350	"
		483	Tc					
323.6	Kamprophyra Dike.							
339.8	Massive, black with brown biotite phenocrysts							
339.8	Andesite. Fin. grained							
353.7	massive, greenish black							
353.7								
357.0	Kamprophyra Dike.							
357.0	End of Hole							

AWPL

LOG BY *Arlett*

AIKEN HUSSET RED LAKE MINES LIMITED

~~YORKVILLE RED LAKE COKE MINES LIMITED~~

DIAMOND DRILL CORE LOG

No. 3 Zone
KRL 12728

LAR CO-ORDINATES

LAT 5266.13N DEP 4510.82 E
ELEVATION 1.5 Ft above Lake Lev.
AZIMUTH 216°10' DIP 60°
HOR. VERT

Location

HOLE NO. 74-13
SHEET NO.
DATE BEGUN January 30/74
DATE FINISHED February 1/74

Section

TOTAL DEPTH 359
FT. RECOVERED
% RECOVERY
SIZE BIT AQ

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES				
						SAMP. NO.	FROM	OZ. AU VALUE		
0	64.0 Casing									
64.0	Russet Lake Talc Rock. Talcose, highly altered. Blebs Jadeite. Section 99.5' to 124.0' is less talcose. Black Gabbroic, med. grained, xtals blurred, jet black raffle xtals in dark greyish matrix. Talcose alteration increasing after 241 feet. Few tiny Qtz. Stringers					272	70-80	Tr		
266.2						273	80-90	"		
							274	90-100	"	
							275	100-110	"	
							276	110-120	"	
							277	120-130	"	
							278	130-140	"	
							279	140-150	"	
			207.5				280	150-160	"	
			212.0	485			281	160-170	"	
							282	170-180	"	
266.2	Andesite. Grey green, chloritic, fine grained. Few Qtz Carb. Strgs.					283	180-190	"		
295.7						284	190-200	"		
			270.0-273.8	485	TC		285	200-210	"	
295.7		Green Chloritic Tuff. Poorly banded. Very little silicification or mineral.					286	210-220	"	
324.7							287	220-230	"	
				318.5-322.0	486	0.01		288	230-240	"
				322.0-324.7	487	0.01		289	240-250	"
								290	250-260	"
								291	260-270	"
								292	270-280	"
							293	280-290	"	
							294	290-300	"	
							295	300-310	"	
324.7	Brown Tuff. Biotitic, and highly silicified in places. Light fine pyrite dis. throughout.					296	310-320	"		
338.0						297	320-330	"		
		Sil. Tuff	324.7-328.4	488	Nil		298	330-340	"	
		80% Blue Quartz	328.4-331.8	489	0.01		299	340-350	0.03	
		Sil. Tuff	331.8-333.1	490	TC					
		80% Blue Quartz	333.1-335.7	491	TC					
		Sil. Tuff	335.7-338.0	492	TC					
338.0	Greenish brown Chloritic Tuff. Traces sil. & py. in places.									
359.0										
			338.0-341.0	493	TC					
			341.0-344.0	494	TC					
			344.0-347.0	495	Nil					
			347.0-350.0	496	Nil					
			350.0-353.0	497	0.01					
		353.0-356.0	498	TC						
		356.0-359.0	499	0.01						
359.0	End of Hole.									

W. J. ...

DIAMOND DRILL CORE LOG

DDH 74-14

AR CO-ORDINATES		Location		Section	
LAT	DEP	HOLE NO.	74-14	TOTAL DEPTH	
ELEVATION		SHEET NO.	2 of 2	FT. RECOVERED	
AZIMUTH	DIP	DATE BEGUN		% RECOVERY	
HOR.	VERT	DATE FINISHED		SIZE BIT	

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
147.0	Continued from page 1.							
167.2	5% Qtz, 1% Py	147.0-150.7	813	0.01				
	Trace py.	150.7-153.5	814	0.03				
	2% Qtz. trace py.	153.5-157.0	815	Tr				
	Trace py.	157.0-160.0	816	0.02				
	1% Qtz. trace py.	160.0-163.0	817	Tr				
	Trace sil.	163.0-167.2	818	Tr				
167.2	Green and Brown Tuff. Well sil.							
173.5	in places. Traces py.							
	Trace py & sil	167.2-171.7	819	Tr				
	Sil & light py	171.7-173.5	820	Nil				
173.5	Brown Foldspar Porphyry Dyke.							
177.0	Sheared & sericitic. Trace py.	173.5-177.0	821	0.02				
177.0	Promich green Tuff. Light sil.							
183.6	in places, and traces py.	177.0-180.0	822	Tr				
		180.0-183.6	823	0.02				
183.6	Dark green Tuff. Only traces of							
256.3	faint banding in places. Slight							
	sil & py in sampled sections.							
	Minor Qtz & py	209.5-211.2	824	Nil				
	15% blue Qtz.	214.2-216.7	825	Tr				
	Slight sil	222.2-224.9	826	0.02				
	1% Qtz. trace py	227.5-229.7	827	0.01				
	Light sil.	244.7-247.0	828	0.02				
	Slight sil.	249.5-252.4	829	Tr				
	Slight sil.	252.4-254.2	830	Tr				
256.3	Prom biotitic Tuff. Very little							
263.1	sil or min.	256.3-260.1	834	Tr				
		260.1-263.1	831	0.03				
263.1	Blue gray, barren Quartz Vein.							
265.6	Trace py in wall rock. Core							
	angle 35°.	263.1-265.6	832	0.02				
265.6	Dark greenish black chloritic							
280.0	Tuff.							
	Very light py.	278.0-280.0	833	0.01				
280.0	End of Hole							

AWPL

LOG BY *Quill*

AIKEN-RUSSET RED LAKE MINES LIMITED
 DIAMOND DRILL CORE LOG

DDH 74-15
 Page 2

AR CO-ORDINATES		Location		Section	
LAT	DEP	HOLE NO.	74-15	TOTAL DEPTH	
ELEVATION		SHEET NO.	2	FT. RECOVERED	
AZIMUTH	DIP	DATE BEGUN		% RECOVERY	
HOR.	VERT	DATE FINISHED		SIZE BIT	

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
439.0 454.6	Continued. Striations form small parallel groups, which intersect other groups at different direction.								
454.6 478.5	Russet Lake Talc Rock. Greyish black, medium grained, rtals blurred, talcose, with blebs jadeite. 478.5 to 481.2 is 80% ground core.								
478.5 481.2	Grey blue, hard, fine grained porphyry dike.								
481.2 497.0	Russet Lake Talc Rock. Medium grained, rtals blurred, gabbroic, talcose, with blebs jadeite. Brecciated in places.								
497.0 505.4	Russet Lake Talc Rock. Light greenish grey, slight talc, andesitic appearance. grades into previous.								
505.4 505.0	Russet Lake Talc Rock. Similar to section 481.2 to 497.0								
505.0 572.0	Andesite. Dark greenish grey, fine grained, talcose. Contacts gradational.								
572.0 580.3	Russet Lake Talc Rock. Gabbroic, with blebs jadeite.								
580.3 607.0	Russet Lake Talc Rock. Similar to previous but finer grained.								
607.0 616.0	Russet Lake Talc Rock. Light greenish grey, considerable breccia, with blebs jadeite.								
616.0 678.3	Altered Gabbro. Course grained, rtals blurred & obliterated. Black except for bleached sections. Blebs jadeite.								
678.3 685.0	Altered Andesite. Light grey green, bleached, slightly talcose.								
685.0 746.0	Altered Gabbro. Black, med grain, rtals obliterated, slight talc.								

Continued on Page 3

CAR CO-ORDINATES		Location		Section	
LAT	DEP	HOLE NO.	74-15		TOTAL DEPTH
ELEVATION		SHEET NO.	3		FT. RECOVERED
AZIMUTH	DIP	DATE BEGUN			% RECOVERY
HOR.	VERT	DATE FINISHED			SIZE BIT

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU	VALUE
746.0 761.6	Russet Lake Talc Rock. Light grey, bleached appearance, talcose and carbonate alteration. Few small sections breccia with blebs jadeite.								
761.6 943.4	Altered Gabbro. Black, medium grained talc blurred, slightly talcose. Few blebs jadeite. Slight bleaching after 836. Slight schistosity in section 941.4 to 943.4. Fine grained, andesitic section from 897.8 to 898.6								
943.4 951.0	Dark green, fine grained Andesite. Chloritic alteration.								
951.0	End of Hole.								

DIAMOND DRILL CORE LOG

COLLAR CO-ORDINATES
 LAT 5717.09 N DIP 4051.72 E HOLE NO. 74-10
 ELEVATION 70.9 Ft. above Lake Level LET NO. 1
 AZIMUTH 215° 11' DIP -50° 12' DATE BEGUN February 9/74
 HOR. VERT DATE FINISHED February 10/74
 No. 8 Zone KRI 19238 Section
 TOTAL DEPTH 274 Ft.
 FT. RECOVERED
 % RECOVERY
 SIZE BIT AQ

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
0								
15.0	Casing							
15.0	Lamprophyre Dyke. Brownish black, massive, red, grained. With few biotite phenocrysts. Fine py. & pyrr. diss. in places.					904	20-	30 0.04
63.9	1% Qtz. Stringer 27.2 - 27.8	840				905	30-	40 0.03
						906	40-	50 0.02
						907	50-	60 Tr
						908	60-	70 0.04
						909	70-	80 Tr
						910	80-	90 0.01
	1% pyrr. 29.8 - 31.7	841				911	90-	100 0.01
						912	100-	110 Tr
						913	110-	120 Tr
63.9	Greenish chloritic Tuff. 20% barren, blue quartz strgrs. 63.9 - 66.6	842				914	120-	130 Tr
66.6	Lamprophyre Dyke. Similar to section 15.0 - 63.9					915	130-	140 Tr
70.1						916	140-	150 Tr
70.1	Dark greenish chloritic Tuff. Faint banding at 70.0. 10% barren quartz 71.0 - 73.0	843				917	150-	160 Tr
94.6	Lamprophyre Dyke. Brownish black, massive, with prominent biotite phenocrysts. Barren Qtz. along core. 104.7 - 106.2	844				918	160-	170 Tr
94.6						919	170-	180 Tr
125.1	Dark greenish grey chloritic Tuff. Andesitic appearance except for few traces faint banding.					920	180-	190 0.02
156.0	Green & Brown Tuff. Interbands chloritic, carbonated, and biotitic material. Lightly sil. in places, traces py.					921	190-	200 Tr
156.0						922	200-	210 Tr
160.8						923	210-	220 0.04
160.8						924	220-	230 0.03
						925	230-	240 0.01
						926	240-	250 Tr
						927	250-	260 Tr
						928	260-	270 Tr
160.8	Lamprophyre Dike. Greenish brown, massive, & fine grained.							
177.4	Greenish grey chloritic Tuff. Only faint traces of banding.							
177.4								
199.0	Greenish brown Tuff. Very well silicified in places. Many blebs bluish grey quartz. Very little fine py in places.							
199.0								
216.0								

continued on page 2

CORNER CO-ORDINATES

Location

Section

LAT	DEP	HOLE NO.	74-17	TOTAL DEPTH
ELEVATION		SHEET NO.	2	FT. RECOVERED
AZIMUTH	DIP	DATE BEGUN		% RECOVERY
HOR.	VERT	DATE FINISHED		SIZE BIT

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES		
						SAMP. NO.	FROM	OZ. AU VALUE
199.0	Continued from page 1.							
216.0	Sparse sil & min	199.0-202.0	848					
	5% Qtz Sparse py	202.0-204.5	849					
	60% Qtz " "	204.5-207.0	850					
	30% Qtz " "	207.0-210.0	851					
	10% Qtz " "	210.0-213.0	852					
	5% Qtz " "	213.0-216.0	853					
216.0	Greenish chloritic Tuff, with some brownish biotitic phases. Very light silicification in places, and very light (less than 1%) fine py.	216.0-219.0	854					
		219.0-222.0	855					
		222.0-225.0	856					
		225.0-228.0	857					
		228.0-231.0	858					
		231.0-234.0	859					
		234.0-237.0	860					
		237.0-240.0	861					
		240.0-243.0	862					
		243.0-246.7	863					
		246.7-250.2	864					
251.8	Black Dike. Fine grained, massive, chloritic.							
255.6	Brown Tuff. Lightly silicified, and traces py in places. 5% bluish quartz in places of fine (1/8") stringers.	255.6-257.4	865					
257.4	Green chloritic Tuff.							
264.2	40% Qtz carbonate	262.0-264.2	866					
264.2	Andesite. fine grained, massive.							
274.0	End of Hole.							

A. Watt

LOG BY

DIAMOND DRILL CORE LOG

DDH 74-21

COL. CO-ORDINATES Location No. 3 Zone Section
 LAT 52°01'45" N DEP 4390.72 E HOLE NO. 74-21 TOTAL DEPTH 240 FT
 ELEVATION 3.5 above Lake level SHEET NO. 1 FT. RECOVERED _____
 AZIMUTH 215°45' DIP 50°20' DATE BEGUN February 19/74 % RECOVERY _____
 HOR. _____ VERT _____ DATE FINISHED February 20/74 SIZE BIT A0

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	VALUE PER TON	AVGS	SLUDGES			
						SAMP. NO.	FROM	OZ. AU VALUE	
0	Casing.								
17.0									
17.0	Dussett Lake Talo Rock. Mottled grey & black. Very talcose throughout. Much talc. Considerable fracturing and breccia in places. Section (6.0 to 70.5 is Talo Schist. Fine grained andositic sections from (2.0 to 64.8, & 77.5 to 79.5. 20 qtz carb strgs. with light sphalerite & chalc from 69.0-70.5					6405	30-	40	
100.0						6406	40-	50	
							6407	50-	60
							6408	60-	70
							6409	70-	80
							6420	80-	90
							6421	90-	100
							6412	100-	110
							6413	110-	120
							6414	120-	130
		6046				6415	130-	140	
						6416	140-	150	
100.0	Andosite. Grey green, massive, very little fracturing. Occasional very speck chalcopryite. Dark green chloritic Tuff. Very faint banding at 60° to core.					6417	150-	160	
186.3						6418	160-	170	
186.3							6419	170-	180
194.6							6420	180-	190
							6421	190-	200
							6422	200-	210
194.6	Black Dike. Fine grained, massive.				No sample		210-	220	
202.4						6423	220-	230	
202.4	Green chloritic Tuff. Well banded at 60° to core. Few horn biotitic bands. Very little silicification or min. 214.0-214.2					6424	230-	240	
214.2						6425	240-	250	
214.2		Brown Tuff. Fairly well silicified. Some green chloritic & carbonate interbands. Numerous quartz & carbonate stringers & blebs. Very sparse fine pyr & py disseminated throughout.							
227.3									
	10% qtz carb		214.2-217.0	6048					
	20% qtz carb		217.0-220.0	6049					
	10% qtz carb		220.0-223.0	6050					
	10% qtz carb	223.0-224.8	6051						
	1% qtz carb	224.8-227.3	6052						
227.3	Green chloritic Tuff. Poorly banded, with only few faint traces banding after 240 ft. 60 qtz. Sparse pyr. 227.3-229.4 10% qtz. Trace pyr. 229.4-232.0 2% qtz carb. 232.0-234.4								
249.0									
249.0	End of Hole.								

report B
63.3098



52N045W0243 63.3098 BAIRD TWP

020

REPORT ON THE PROPERTY OF
AIKEN-RUSSET RED LAKE MINES LIMITED
BAIRD TOWNSHIP, RED LAKE AREA, ONTARIO

July 1973

J. L. Tindale, P.Eng.
International Mine Services Limited

Introduction

Aiken-Russet Red Lake Mines Limited, a Canadian unlisted mining company, is managed by International Mine Services Limited with offices at 1601, 8 King Street East, Toronto, Ontario. The Company owns a gold property in Baird Township, Red Lake Area of Ontario, which is the subject of this report.

Property, Location and Access

The property consists of 50 patented claims located in the eastern portion of Baird Township. The eastern boundary adjoins the producing Madsen Red Lake Gold Mines Limited. The Madsen shaft is 3,000 feet east of the mutual boundary. The Madsen mine is served by a highway, townsite, and hydro power. Access to the Aiken-Russet is by bush trail and water routes from Madsen.

The patented claim holdings which make up this property are listed as follows and are depicted on the accompanying location map.

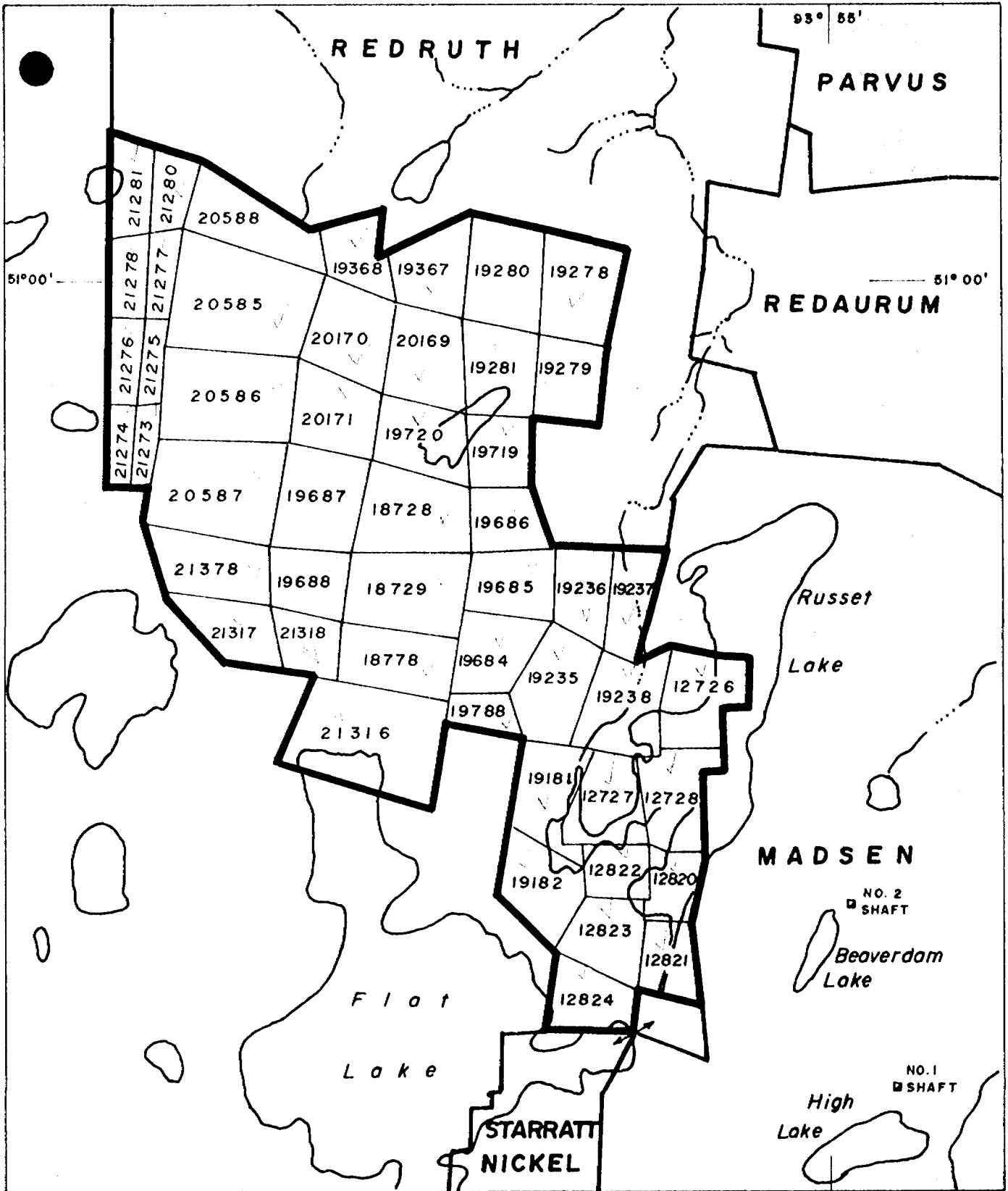
KRL 18728, 18729, 19281, 19367, 19368,
KRL 18778, 19278, 19684 to 19688, 19719, 19720,
KRL 19788, 20169 to 20171, 20585 to 20588,
KRL 21273 to 21278, 21280, 21281, 21316 to 21318,
KRL 21378, 12726 to 12728, 12820 to 12824
19181, 19182, 19235 to 19238

Historical Summary

The period of greatest activity on the property occurred from 1944 to 1947 when prospecting, trenching and diamond drilling was carried out on a number of the claims.

On the western portion of the property tuff and iron formation on claims 18728 and 18729 were found to carry gold values. Over 8,000 ft. of x-ray and EX size core drilling was expended in tracing the tuffaceous horizons over a strike length of 3,000 ft. Visible gold was encountered in three intersections and assay values ranging from 0.10 to 0.22 oz. per ton in gold are reported in six widely scattered intersections.

On claim 19181 a band of iron formation and a parallel tuff horizon were drilled and found to be consistently mineralized over a length of 800 ft. The majority of the intersections are over narrow widths.



PROPERTY MAP

AIKEN-RUSSET RED LAKE MINES LTD.

BAIRD TWP., ONTARIO

SCALE : 1" = 1/2 MILE

N

A similar occurrence was drilled on claims 19236 and 19237. Most assays were low though one intersection ran 0.27 oz/ton gold across three feet.

Claim 12727 contains the most important gold mineralization found to date. A strike length of 1,200 ft. of sheared tuffaceous rock has been drilled with good widths of low grade gold mineralization being encountered. At least 30 holes were drilled in the zone prior to 1950 and great difficulty was encountered in correlating the mineralized zones. In 1967 the present management took over control of the property and remapped the area under the guidance of Chester Kuryliw. Kuryliw recognized that though the formations were striking north and dipping to the east, the schistosity which appears to control the mineralization has a northwesterly strike. Most previous drilling was seen to be running with the altered zones instead of crossing them.

This new interpretation led to a renewal of drilling in 1968 with 16 holes being put down and surveyed as presented on the enclosed drilling map at a scale of 1" = 100'. A promising zone, called the No. 3 tuff zone is indicated which requires further drilling.

Geological Summary

Baird Township was mapped by S. A. Ferguson of the Ontario Department of Mines in 1962 at a scale of 1" = 1000', and subsequently published as Geological Report No. 39.

All consolidated rocks underlying the claim area are of Pre-Cambrian age; they are listed as follows:

<u>ALGOMAN</u>	(intrusive rocks)	Lamprophyre and granite
<u>PRE-ALGOMAN</u>	(intrusives)	Quartz porphyry, feldspar porphyry, hornblend diorite and gabbro
<u>TEMISKAMING</u>		Sediments, (not represented in area)
<u>KEEWATIN</u>		Andesite flows, tuffs and iron formations.

Pillowed andesite flows can be traced along strike for several thousands of feet and are interbanded with massive flows including minor flow top breccia.

Most conspicuous formations are the banded cherty iron formations including magnetite-rich layers highly magnetic and soft chloritic layers. Tuffs, often associated with iron formations, are seldom well exposed, and, where seen, are well banded.

Early intrusive rocks of dioritic composition, possibly contemporaneous of the Howey diorite, have a distinctive porphyritic appearance on outcrops and form dykes up to 1,200 ft. in width and several miles long.

Later dykes are mainly of the quartz-porphyry type and are up to 300 ft. in width and 6,000 ft. in length.

The contact of the Killala granite batholith occurs in a northwesterly direction along the southwest and west boundaries of the property. The contact is very sharp and almost straight, and very little alteration can be seen in its vicinity.

Narrow biotite-rich lamprophyre dykes cut across all other formations including the Killala granite.

Exploration Targets

There are three zones of prime exploration potential on the property.

Zone No. 1 is a chloritic tuff horizon which has a northerly strike and easterly dip and averages about 20 ft. wide. The zone occurs northwest of the western bay of Russet Lake. Drilling in 1968 intersected the horizon but returned low erratic values. Previous drilling in 1947 returned some promising results from the horizon. These results are not plotted on the accompanying map due to uncertainty of hole locations.

Zone No. 2 is an interflow iron formation exposed in trenches and outcrops over a length of about $\frac{1}{2}$ mile. The rock is finely banded greenish and vitreous chert with some pyrrhotite and pyrite mineralization in bands and with some bands rich in magnetite. This formation strikes due north and dips east at 50-55°. It reaches widths up to 6 ft. in exposures. The zone overlays the Zone No. 1 tuff being separated by a narrow band of andesite. The old original drilling along this zone gave quite encouraging values at shallow depths. The 1968 drilling cut the zone in 3 holes and returned low values over narrow widths.

Zone No. 3 occurs along the western shore of Russet Lake on claim 12727. Drilling in 1968 established the presence of several promising gold bearing zones within a band of tuffaceous host rock. The best values were present in W.N.W. trending brown tuffs which bear a marked similarity to the Madsen ore horizons. Large portions of the brown tuffs are mineralized with finely disseminated pyrite and pyrrhotite associated with varying amounts of silicification and carbonatization. Significant gold values are associated with these mineralized and silicified portions of the brown tuffs. The zones appear to have good depth continuity. Lateral correlations require further drilling to indicate the strike extent of the

All consolidated rocks underlying the claim area are of Pre-Cambrian age. They are listed as follows:

<u>ALGOMAN</u>	(intrusive rocks)	Lamprophyre and granite
<u>PRE-ALGOMAN</u>	(intrusives)	Quartz porphyry, feldspar porphyry hornblend diorite and gabbro
<u>TEMISKAMING</u>		Sediments, (not represented in area)
<u>KEEWATIN</u>		Andesite flows, tuffs and iron formations.

Pillowed andesite flows can be traced along strike for several thousands of feet and are interbanded with massive flows including minor flow top breccia.

Most conspicuous formations are the banded cherty iron formations including magnetite-rich layers highly magnetic and soft chloritic layers. Tuffs, often associated with iron formations, are seldom well exposed, and where seen, are well banded.

Early intrusive rocks of dioritic composition, possibly contemporaneous of the Howey diorite, have a distinctive porphyritic appearance on outcrops and form dykes up to 1,200 ft. in width and several miles long.

Later dykes are mainly of the quartz-porphyry type and are up to 300 ft. in width and 6,000 ft. in length.

The contact of the Killala granite batholith occurs in a northwesterly direction along the southwest and west boundaries of the property. The contact is very sharp and almost straight, and very little alteration can be seen in its vicinity.

Narrow biotite-rich lamprophyre dykes cut across all other formations including the Killala granite.

individual shoots.

Madsen has, for the past two years, been mining a zone in the footwall of the Russet Lake Talc known as the No. 8 Zone. Further significant values are known to be present west of their stoping area. This No. 8 Zone on projection would occur at the approximate position of our No. 3 Zone. The enclosed cross-section depicts the interpreted structural position of this ore zone in relation to the No. 3 tuff zone. It is admittedly a long projection, however, there is sufficient encouragement to probe for the upward extension of this ore zone on the west side of the Madsen boundary. It is possible the No. 3 and No. 8 Madsen zones are part of the same ore bearing structure. As a matter of interest, the Madsen No. 8 averages 120 ft. in length, 20 ft. in width and grades 0.40-0.50 oz./ton gold.

Proposed Exploration Program

A program of diamond drilling to extend the known gold bearing brown tuff horizons in a lateral and vertical sense is proposed to further explore the property. This work should be aimed at outlining sufficient mineralization to warrant going underground to prove up a mineable tonnage. It is my opinion that only underground work will prove ore reserves at this property. This has been normally the case in the Red Lake camp.

Holes should be drilled east and west of previous drill collars 68-18 and 68-20 respectively. Offsetting holes to previous intersections in 68-12 and 68-13 are required to establish strike continuity on these isolated occurrences. A line of holes to section the area between holes 68-18 and 68-15 should be drilled to test for gold bearing horizons. Offset holes to 68-15 are required to establish the value of the two gold zones present in this hole. The 0.24 oz./ton gold in iron formation in hole 68-15 appears to corroborate similar intersections reported in 1944 vintage drilling in this area.

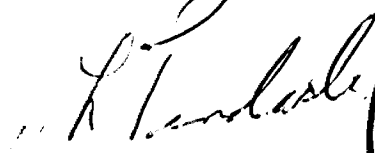
Several holes are required to probe for the upward extension of the Madsen No. 8 Zone from the peninsula in Russet Lake on claims 12728 and 12822.

Total drill footage involved will be in the order of 6,000 ft. All holes should be surveyed and tied to the coordinate system. Drilling should be planned to take advantage of freezing since several holes will be required from the ice of Russet Lake. A late fall startup to the drilling is envisaged.

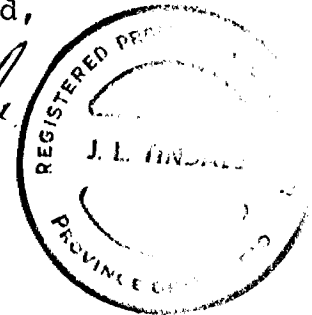
Cost of the above program is estimated as follows:

Direct drilling costs 6,000 ft. @ \$10/ft.	\$60,000
Assaying, supplies, surveys	2,500
Geological supervisor 3 months @ \$1,500	4,500
Transportation, lodging	1,500
Consulting fees	3,000
Contingencies @ 10%	7,000
	<hr/>
Total Cost Estimate	\$78,500
	<hr/>

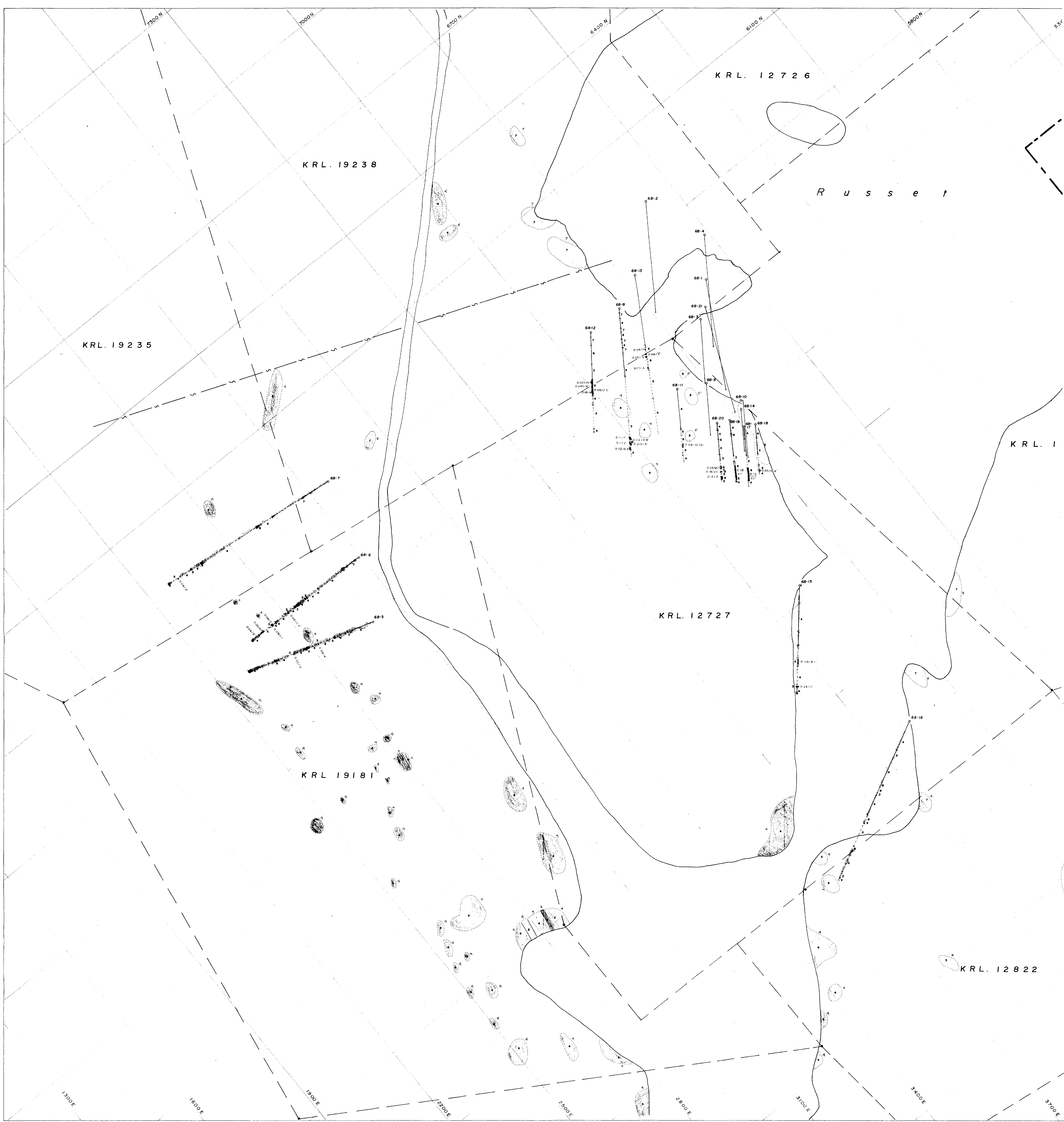
Respectfully submitted,



J. L. Tindale, P.Eng.



July 17, 1973
Toronto, Ontario



- 9 Feldspar porphyry dyke
- 8 Lamprophyre dyke
- 7 Russet Lake talc
- 6 Brown tuff
- 5 Chloritic tuff
- 4 Andesite
- 3 Iron formation

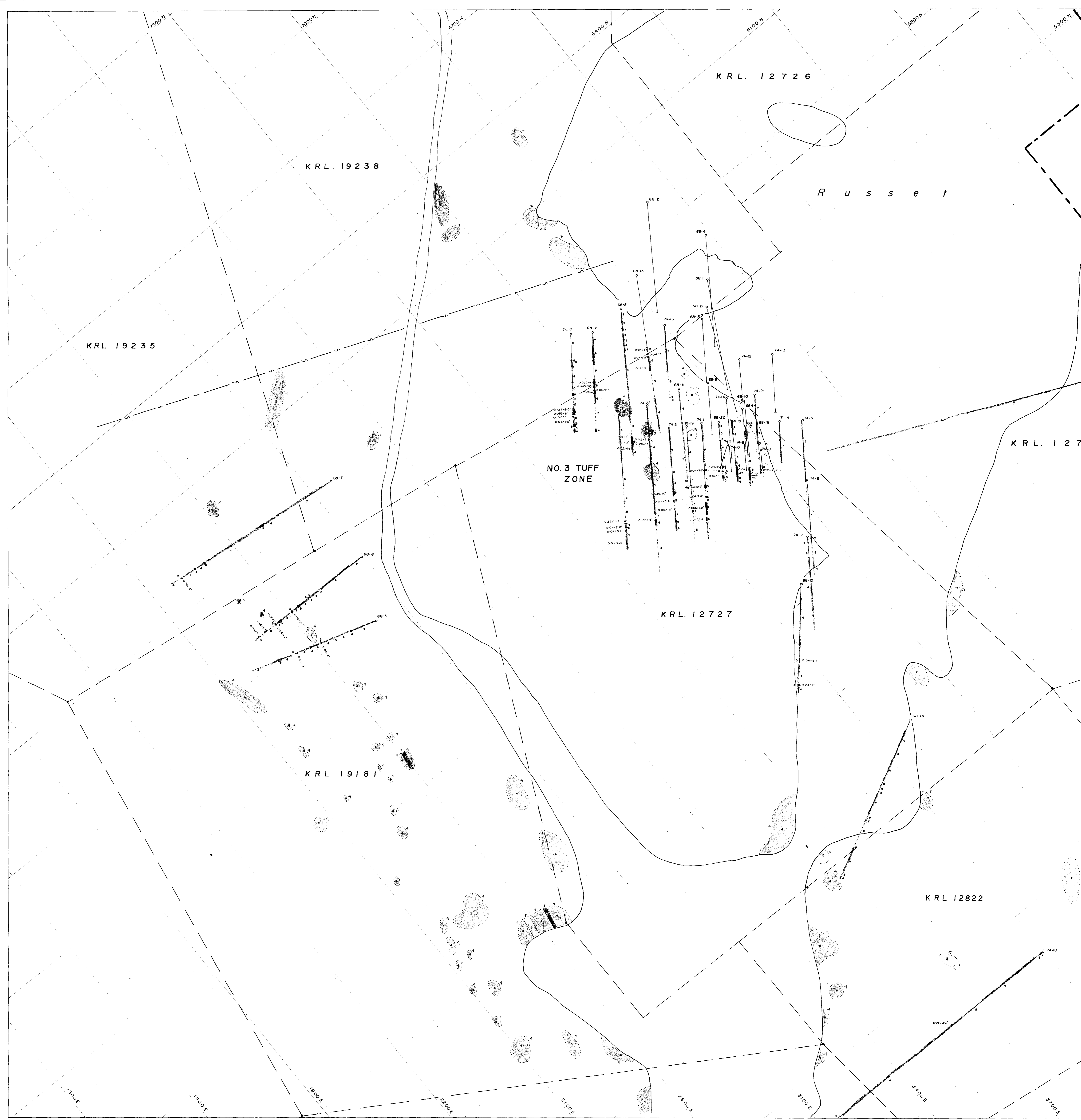
L E G E N D

- Fault
- Geological contact
- Outcrop
- Assay, ozs gold/feet
- Sludge assay
- Diamond drill hole
- Claim line
- Property boundary



200

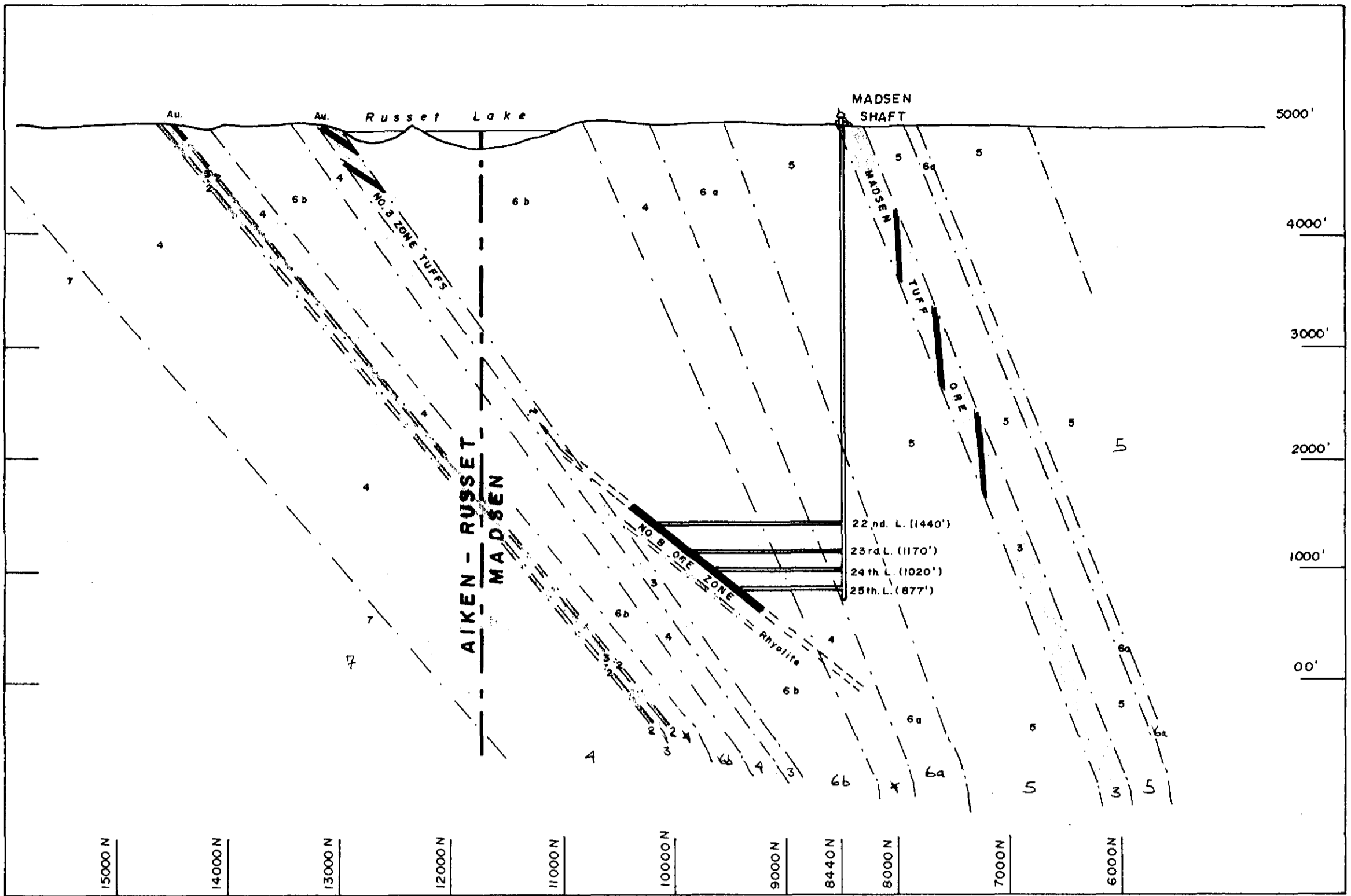
3 1/2 x 5 17 1/2 in.



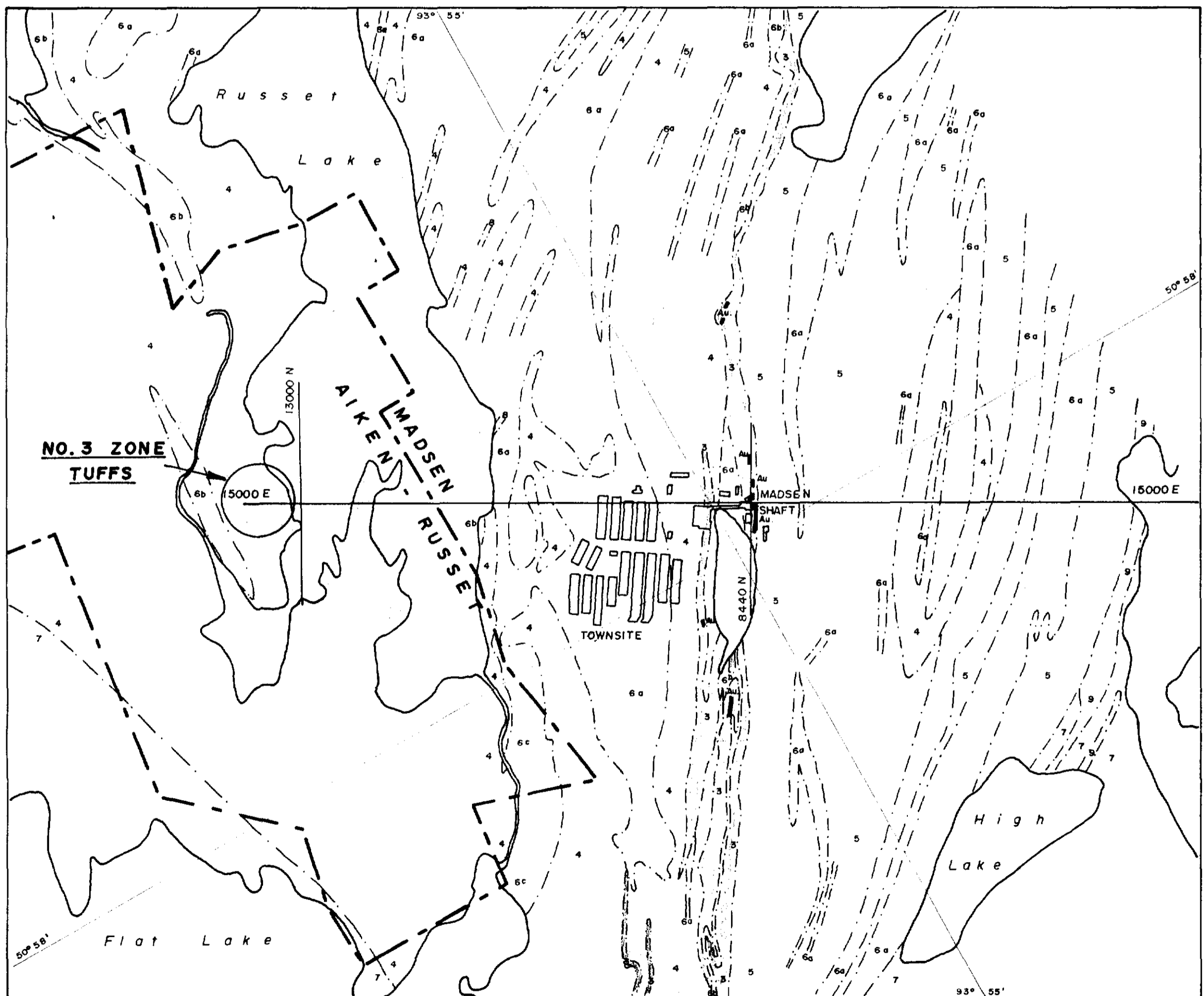
- 9 Feldspar porphyry dyke
- 8 Lamprophyre dyke
- 7 Russet Lake talc
- 6 Brown tuff
- 5 Chloritic tuff
- 4 Andesite
- 3 Iron formation
- 2 Diorite

L E G E N D

- Fault
- Geological contact
- Outcrop
- ⊥ Assay, ozs gold/feet
- Sludge assay
- Diamond drill hole
- - - Claim line
- - - Property boundary



MADSEN SHAFT SECTION ALONG 15000E



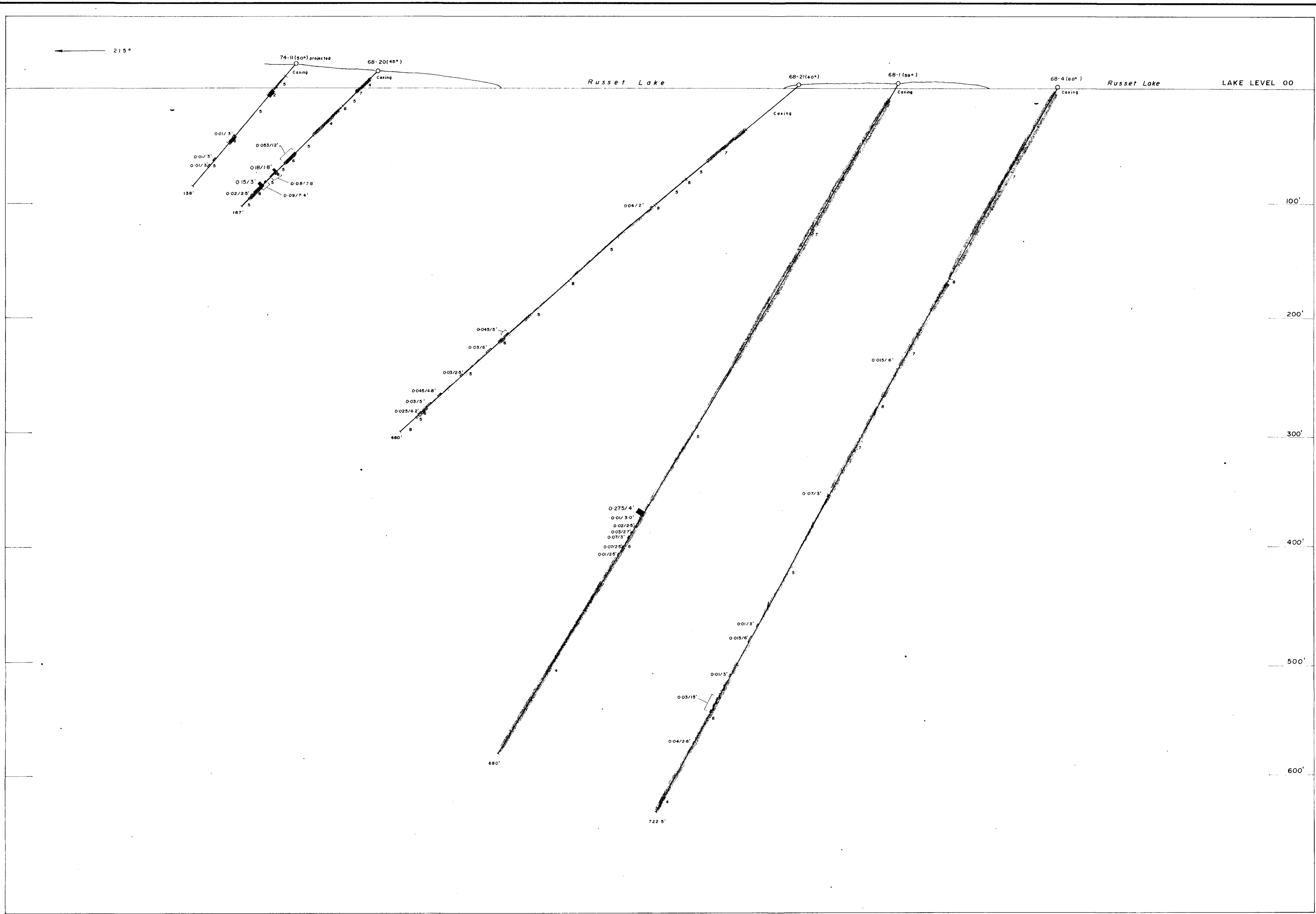
LEGEND

- | | | | |
|---|---|---------|-----------------|
| 9 | Porphyritic metagabbro | 4 | Andesite basalt |
| 8 | Quartz feldspar porphyry | 3 | Tuff |
| 7 | Granodiorite | 2 | Iron formation |
| 6 | (a) Metagabbro
(b) Serpentinite, tremolite-talc schist | Au zone | |
| 5 | Latite | | |

GEOLOGICAL PLAN & SECTION
 MADSEN SHAFT AREA
 BAIRD TWP., RED LAKE AREA, ONT.
 SCALE: 1" = 1000'

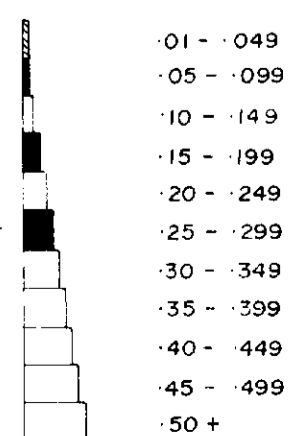


52N04S0243 63.3098 BAIRD TWP

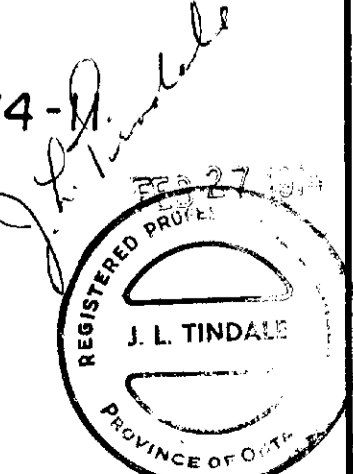


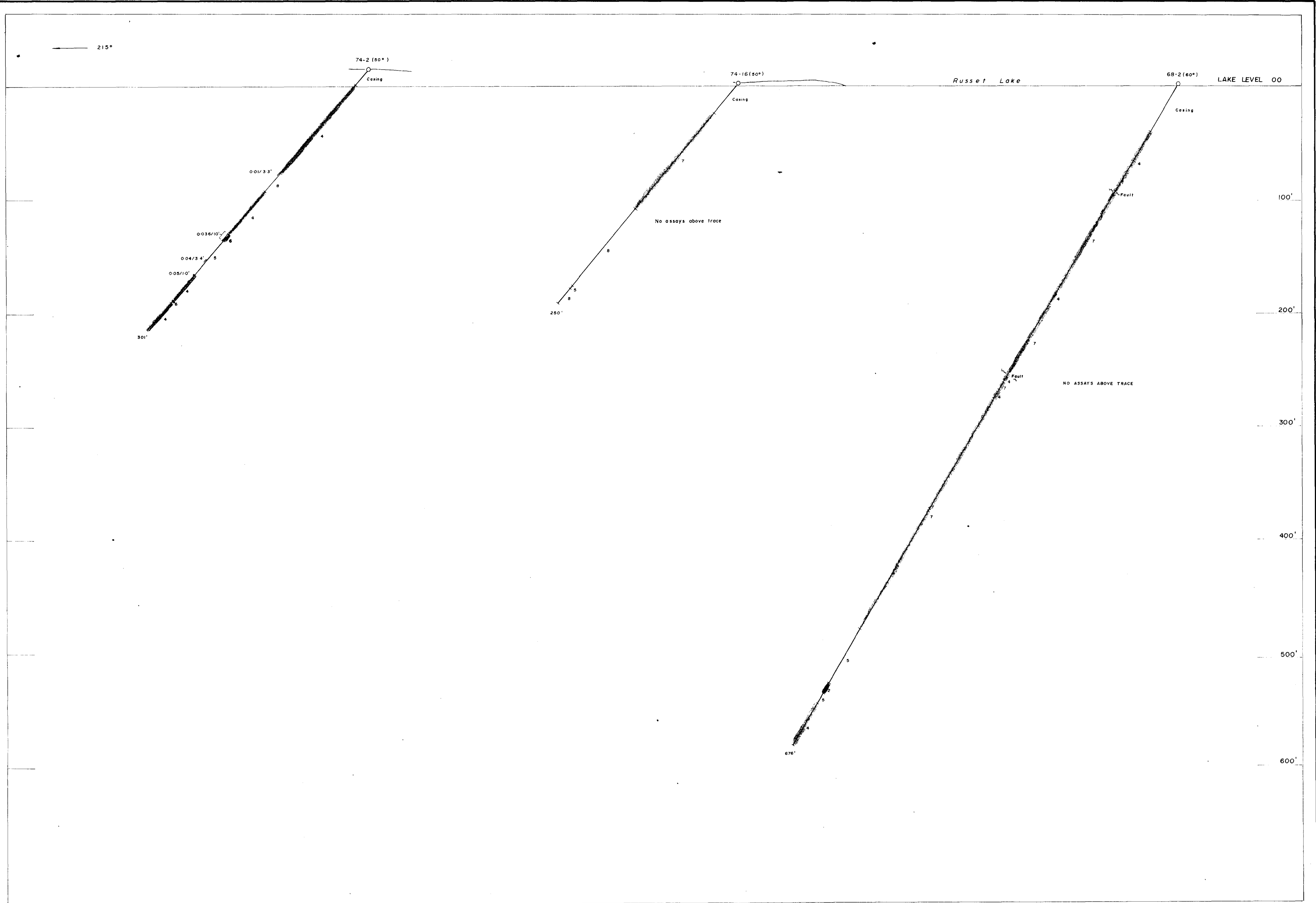
- 8 Lamprophyre dike
- 7 Russet Lake talc
- 6 Brown tuff
- 5 Chloritic tuff
- 4 Andesite
- 2 Diorite

ASSAYS : OZS. GOLD



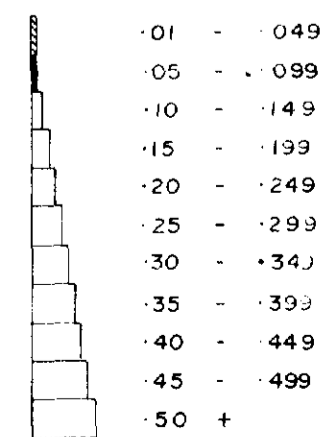
AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 68-1, 68-21, 68-4, 68-20, 74-II
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'





- 8 [8] Lamprophyre dike
 - 7 [7] Russet Lake talc
 - 6 [6] Brown tuff
 - 5 [5] Chloritic tuff
 - 4 [4] Andesite
 - 2 [2] Diorite
- ~~~~~ Fault

ASSAYS - OZS GOLD

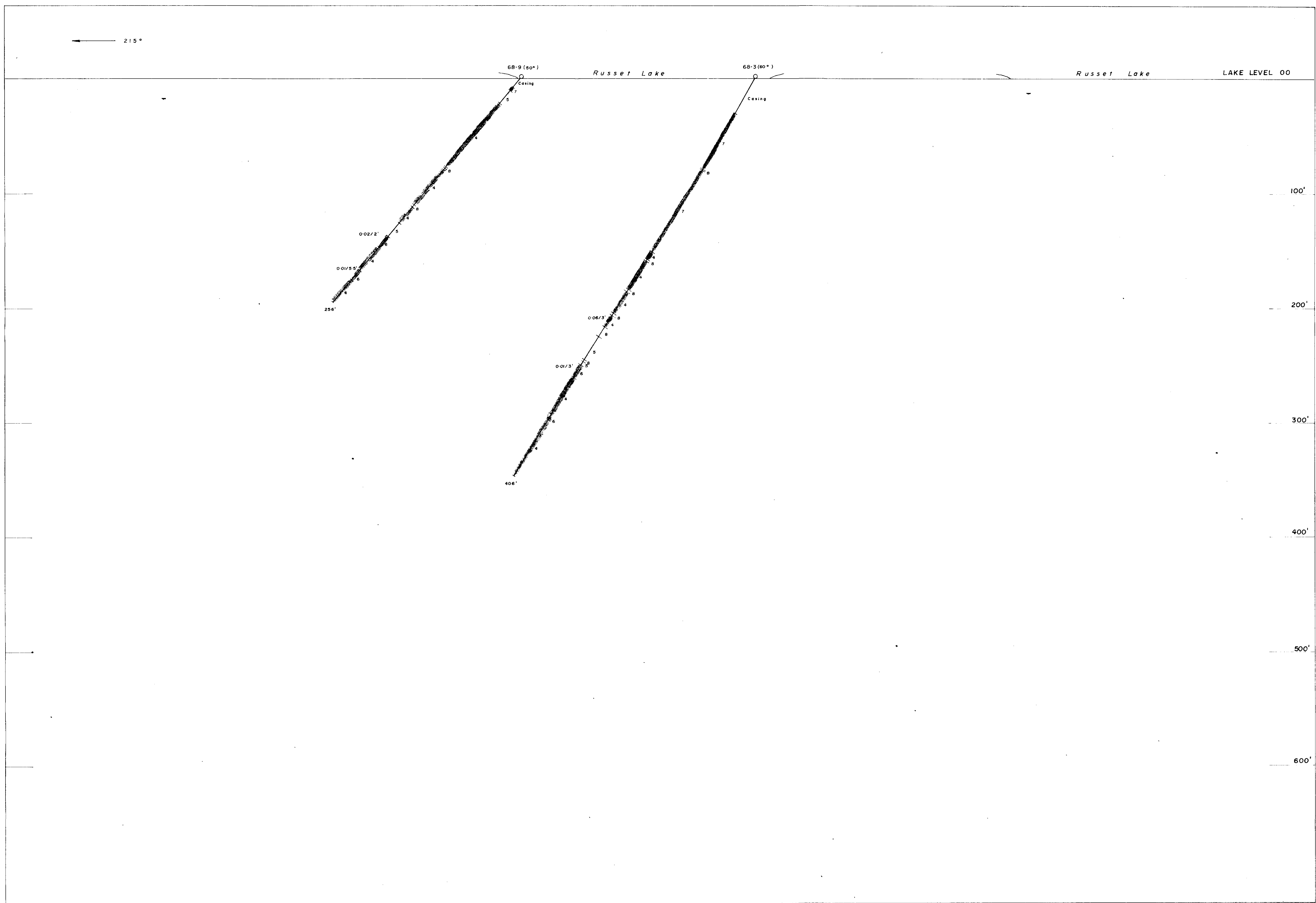


AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 68-2, 74-2, 74-16
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE: 1" = 40'

J. L. Timony
 FEB 27 1974
 J. L. TIMONY

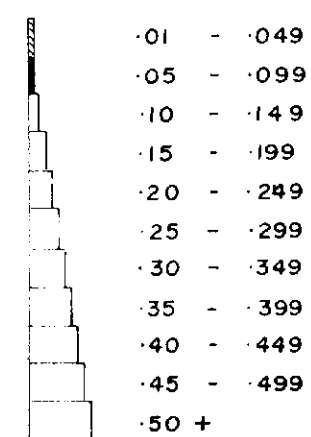


← 215°



- 8 [8] Lamprophyre dike
- 7 [7] Russet Lake talc
- 6 [6] Brown tuff
- 5 [5] Chloritic tuff
- 4 [4] Andesite
- 2 [2] Diorite

ASSAYS : OZS. GOLD



AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 68-3, 68-9
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'

J. L. Tindale
 FEB 27 1954
 REGISTERED PROFESSIONAL GEOLOGIST
 A. L. TINDALE
 PROVINCE OF ONTARIO

63-3098 (5 sq ft)

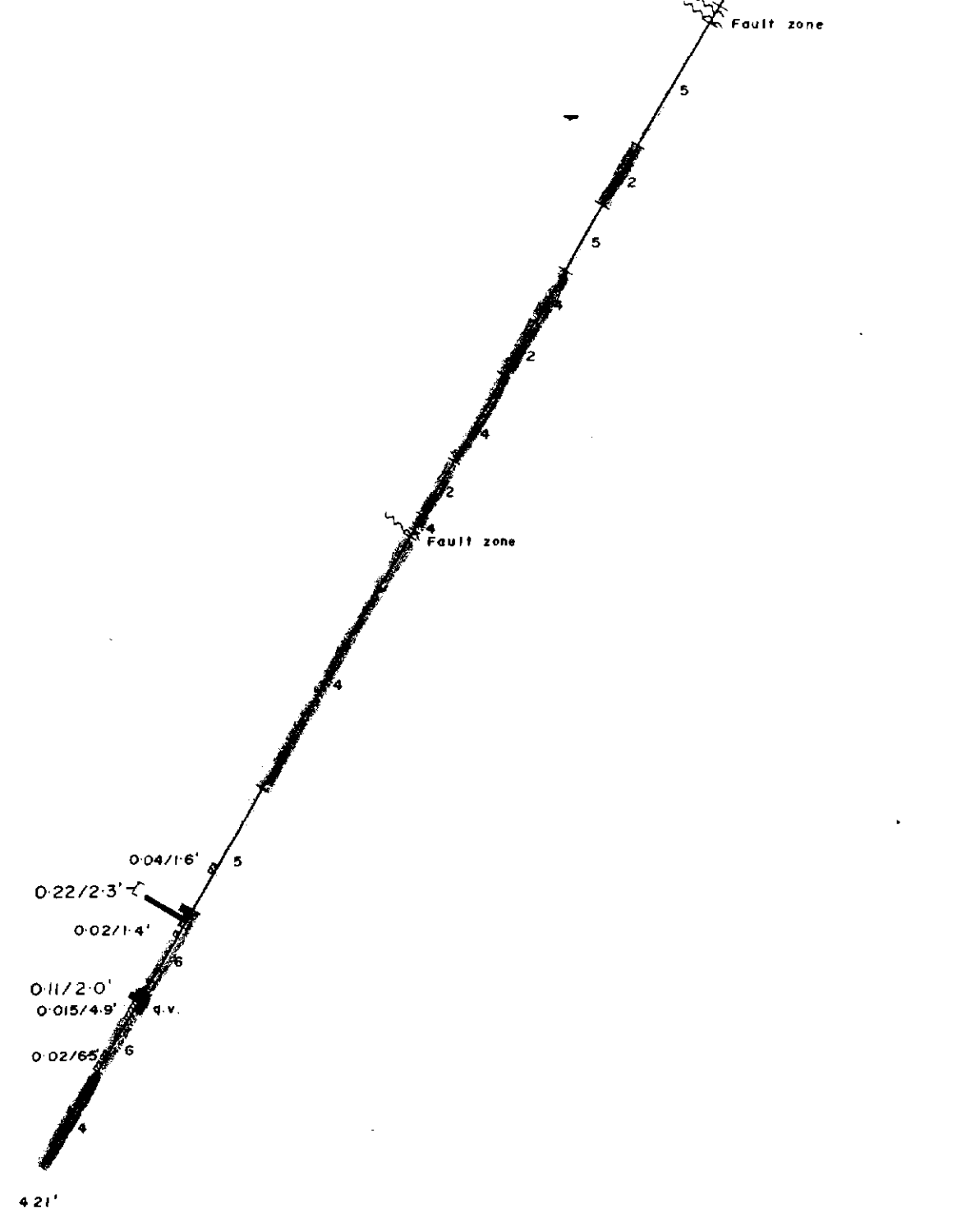
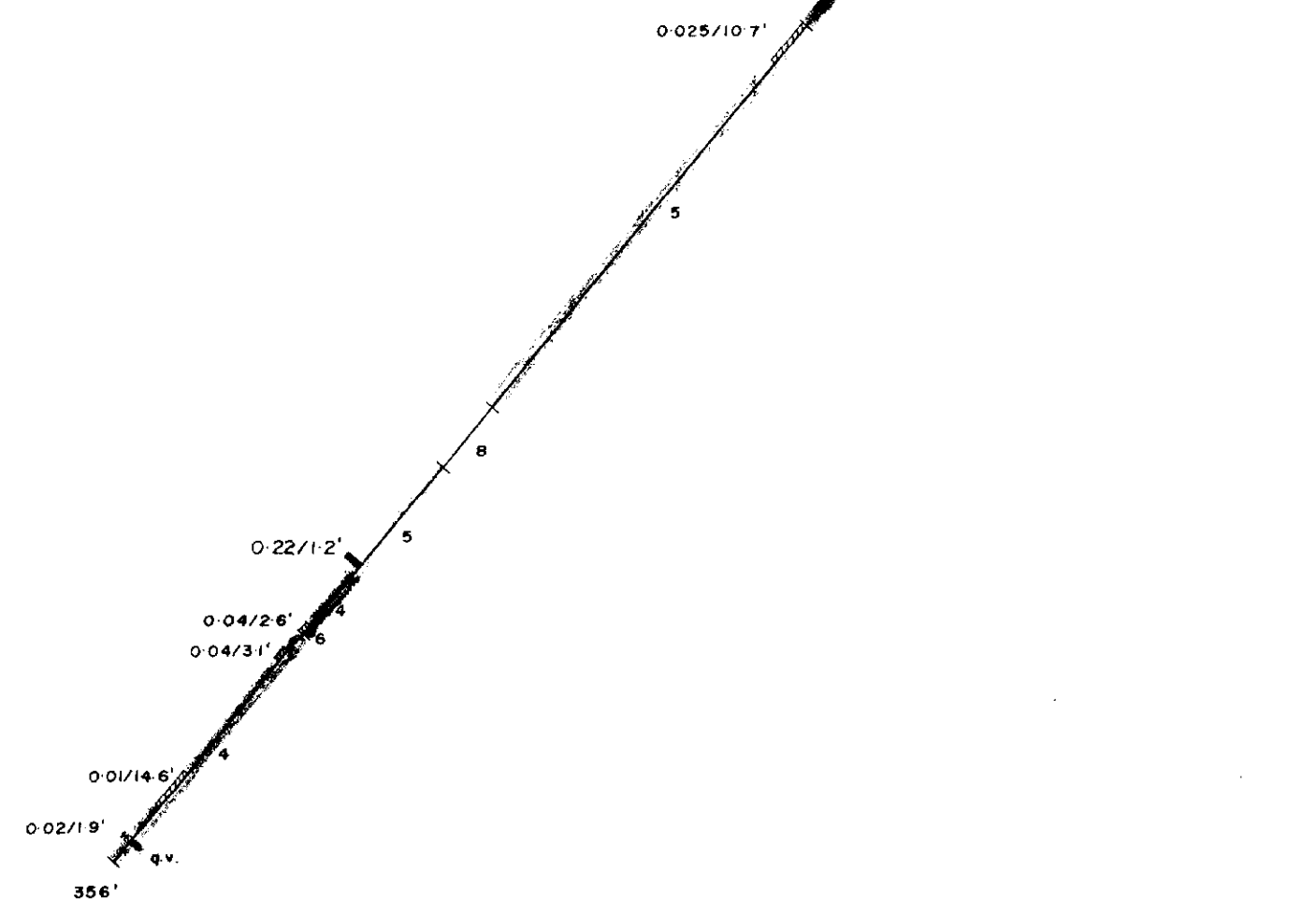
215°

74-3(50°) projected
Casing

68-8(60°)
Casing

Russet Lake

LAKE LEVEL 00



100'

200'

300'

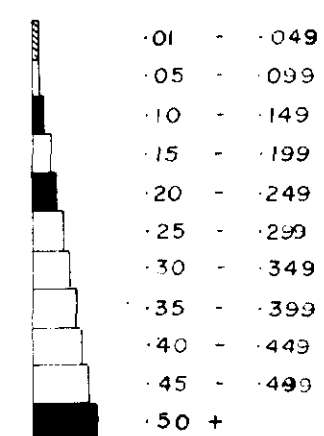
400'

500'

600'

- 8 [8] Lamprophyre dike
 - 7 [7] Russet Lake talc
 - 6 [6] Brown tuff
 - 5 [5] Chloritic tuff
 - 4 [4] Andesite
 - 2 [2] Diorite
- [Symbol] Quartz vein
 - [Symbol] Fault

ASSAYS: OZS. GOLD



AIKEN-RUSSET RED LAKE GOLD MINES LTD.

GEOLOGICAL SECTION

D.D.H. - 68-8, 74-3

NO. 3 TUFF ZONE

BAIRD TWP., ONTARIO

SCALE: 1" = 40'

J. L. Tindale

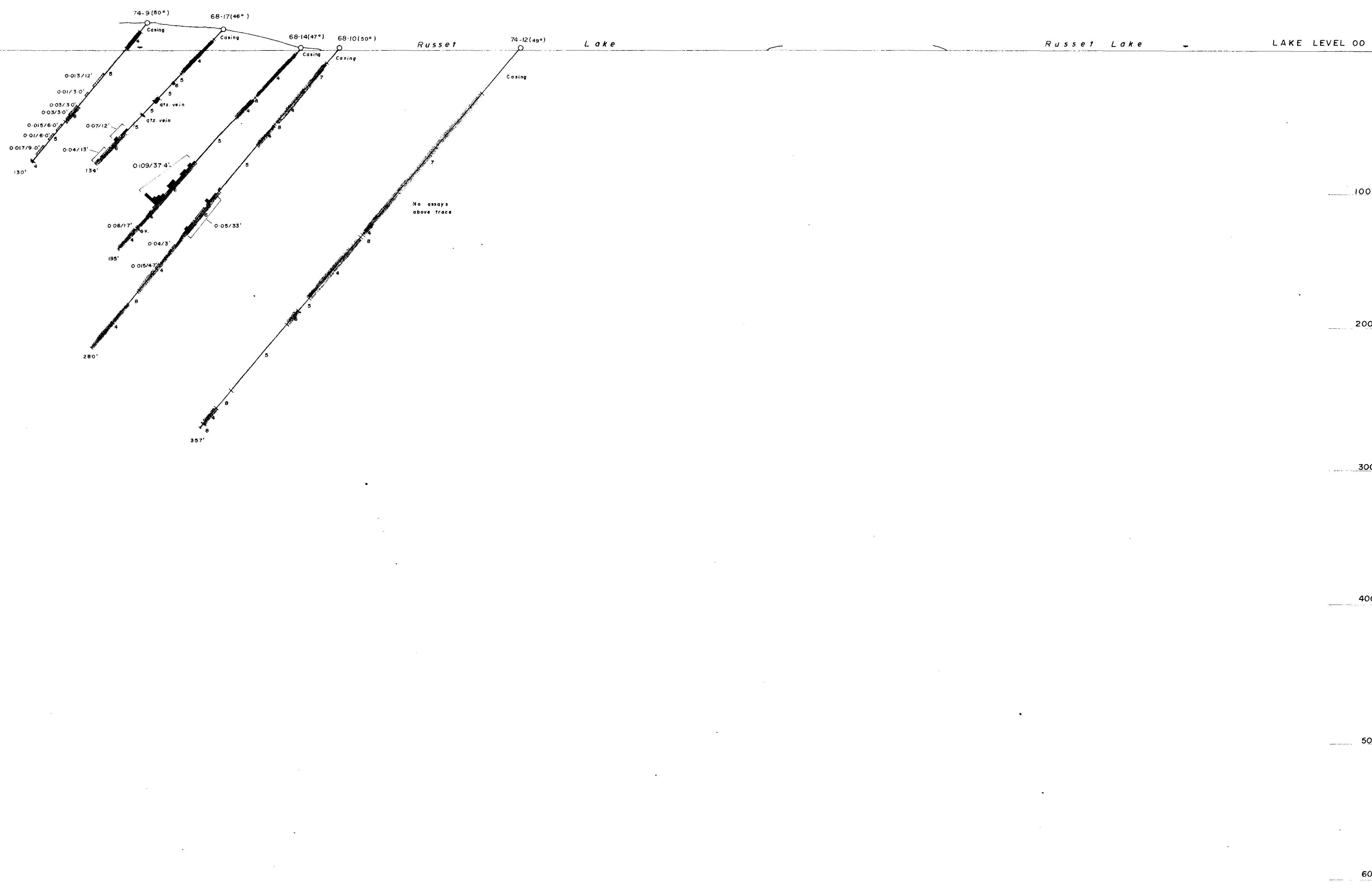
FEB 27 1974

REGISTERED PROFESSIONAL ENGINEER
J. L. TINDALE



63.3098 (540 ft)

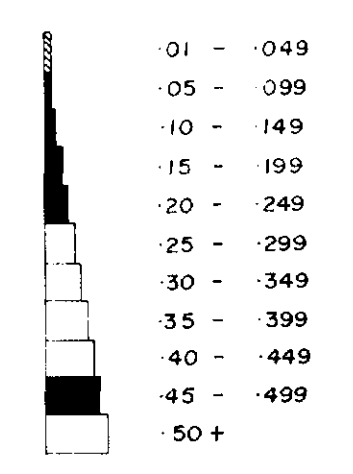
215°



- 8 [8] Lamprophyre dike
- 7 [7] Russet Lake talc
- 6 [6] Brown tuff
- 5 [5] Chloritic tuff
- 4 [4] Andesite
- 2 [2] Diorite

Quartz vein

ASSAYS OZS GOLD

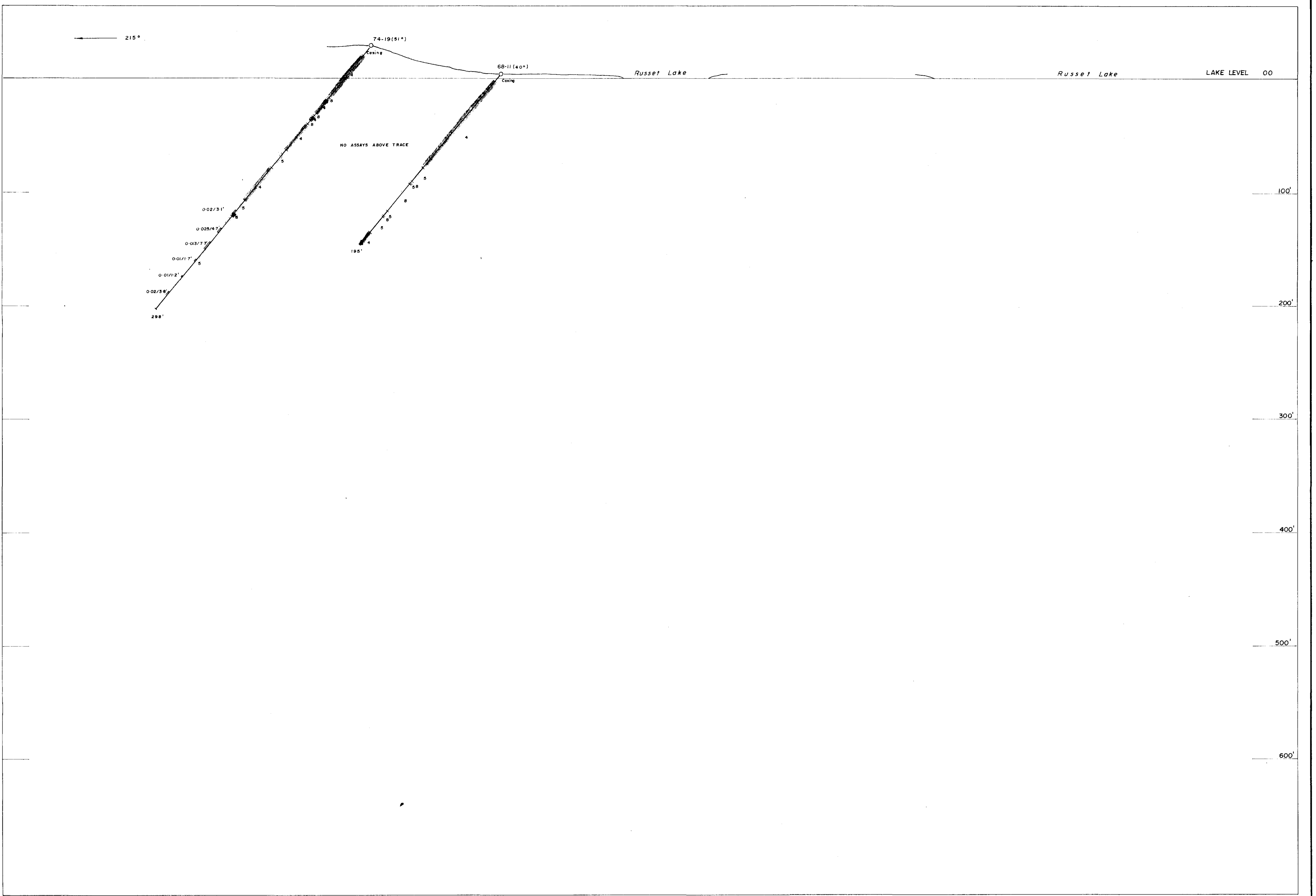


AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H.- 68-10, 68-14, 68-17, 74-9, 74-12
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE: 1" = 40'

J. L. Tindale
 FEB 27 1974
 REGISTERED PROFESSIONAL ENGINEER
 J. L. TINDALE
 PROVINCE OF ONTARIO

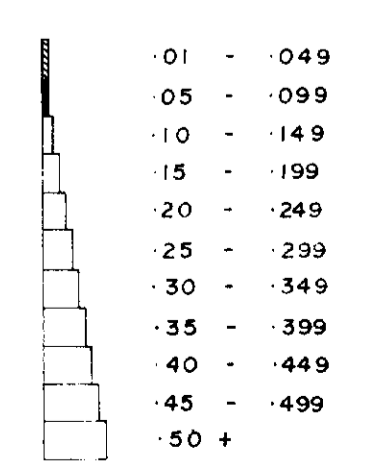


63-3098 (520 ft)

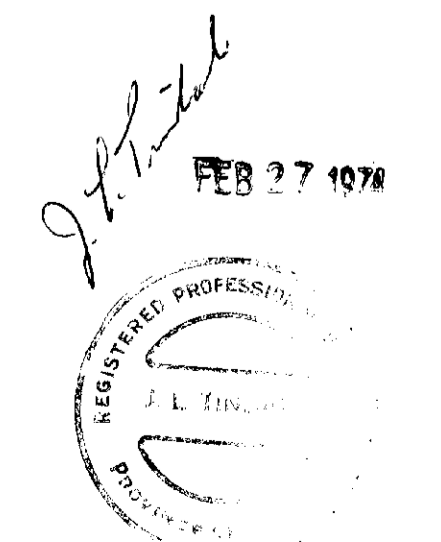


- 8 [] Lamprophyre dike
- 7 [] Russet Lake talc
- 6 [] Brown tuff
- 5 [] Chloritic tuff
- 4 [] Andesite
- 2 [] Diorite

ASSAYS : OZS. GOLD



AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 68-11, 74-19
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'



63-3098 (5 sq ft)

215°

68-12 (480')

Casing

Russet Lake

LAKE LEVEL 00

100'

200'

300'

400'

500'

600'

0.03/192'

0.08/4'

qtz. vein

296'

ASSAYS : OZS. GOLD

01	-	049
05	-	099
10	-	149
15	-	199
20	-	249
25	-	299
30	-	349
35	-	399
40	-	449
45	-	499
50	+	

- 8 [] Lamprophyre dike
- 7 [] Russet Lake talc
- 6 [] Brown tuff
- 5 [] Chloritic tuff
- 4 [] Andesite
- 2 [] Diorite

Quartz vein

AIKEN-RUSSET RED LAKE GOLD MINES LTD.

GEOLOGICAL SECTION

D.D.H. - 68-12

NO. 3 TUFF ZONE

BAIRD TWP., ONTARIO

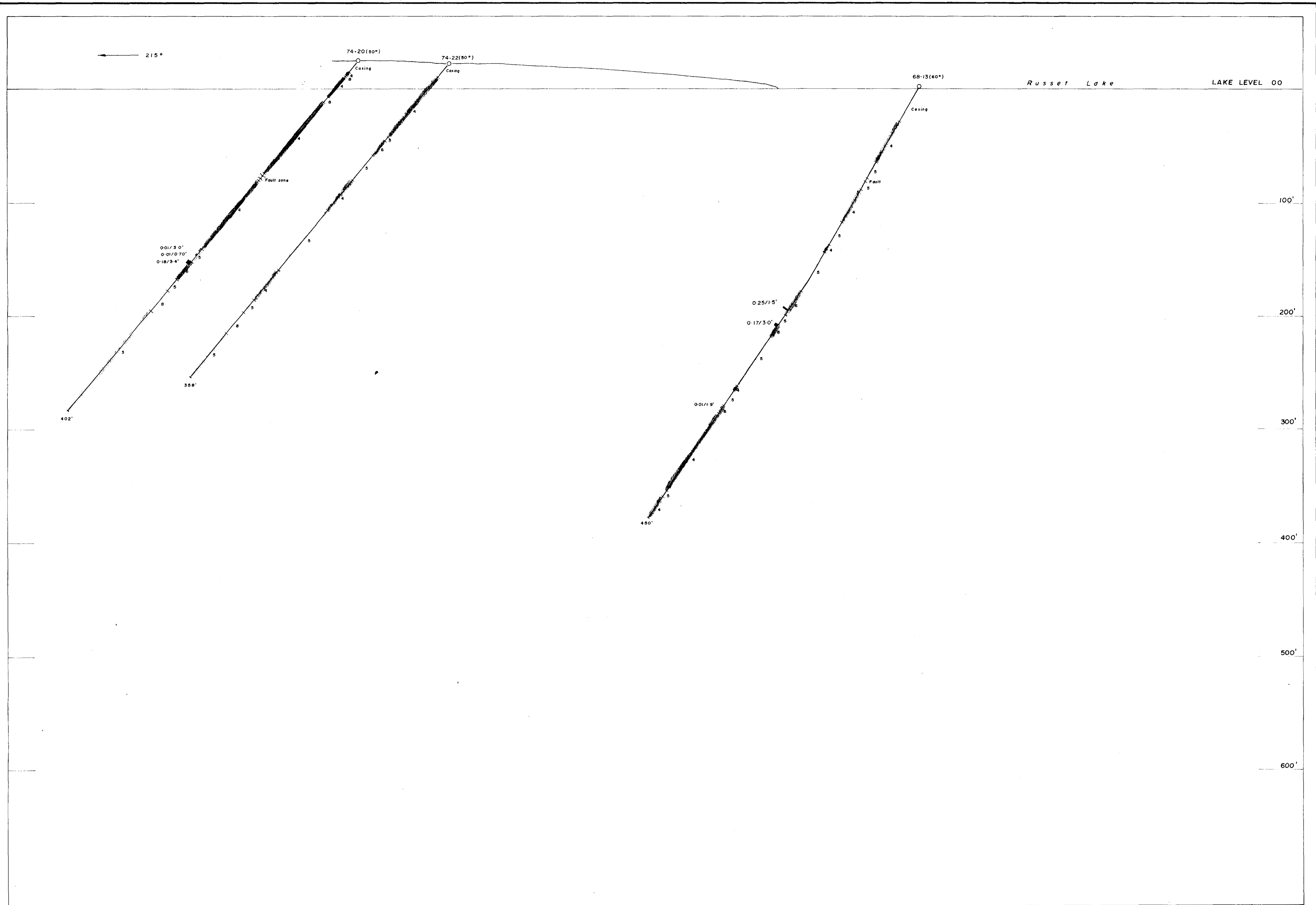
SCALE: 1" = 40'

J. L. Fingale
FEB 27 1970



63-3098 B (5 sq ft)





- 8 [Symbol] Lamprophyre dike
 - 7 [Symbol] Russet Lake talc
 - 6 [Symbol] Brown tuff
 - 5 [Symbol] Chloritic tuff
 - 4 [Symbol] Andesite
 - 2 [Symbol] Diorite
- ~~~~~ Fault

ASSAYS : OZS. GOLD

01	049
05	099
10	149
15	199
20	249
25	299
30	349
35	399
40	449
45	499
50+	

AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 68-13, 74-20, 74-22
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'

J. L. Tindale
 FEB 27 1974
 REGISTERED PROFESSIONAL GEOLOGIST
 J. L. TINDALE
 PROVINCE OF ONTARIO



220°

Russet Lake

68-15 (50')

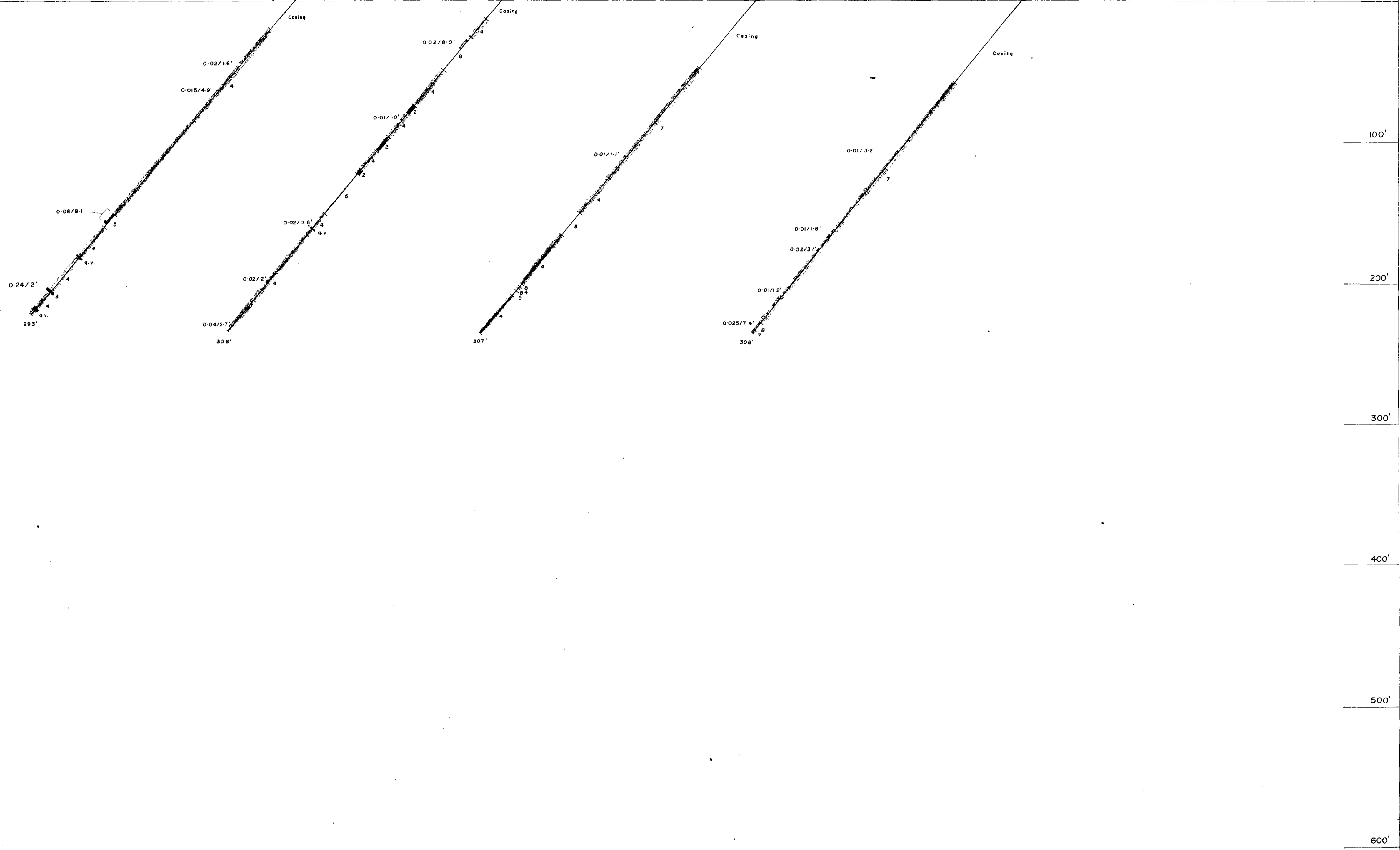
74-7 (50')

74-6 (50')

Russet Lake

74-5 (50')

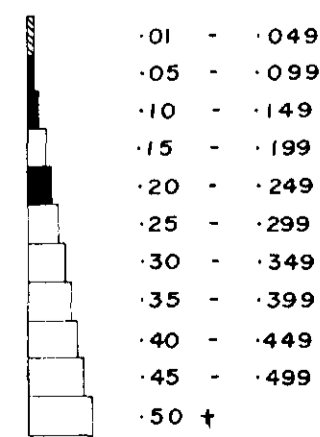
LAKE LEVEL 00



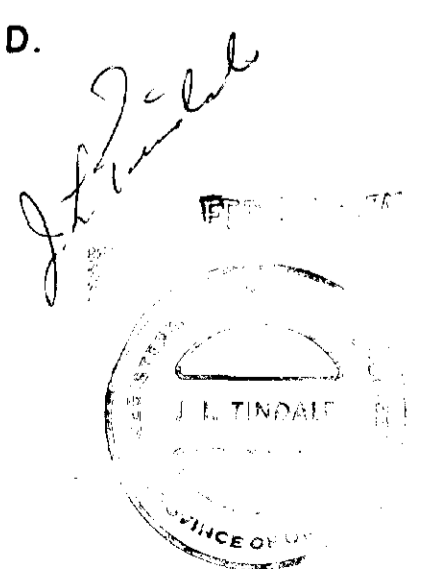
- 8 8 Lamprophyre dike
- 7 7 Russet Lake talc
- 6 6 Brown tuff
- 5 5 Chloritic tuff
- 4 4 Andesite
- 3 3 Iron formation
- 2 2 Diorite

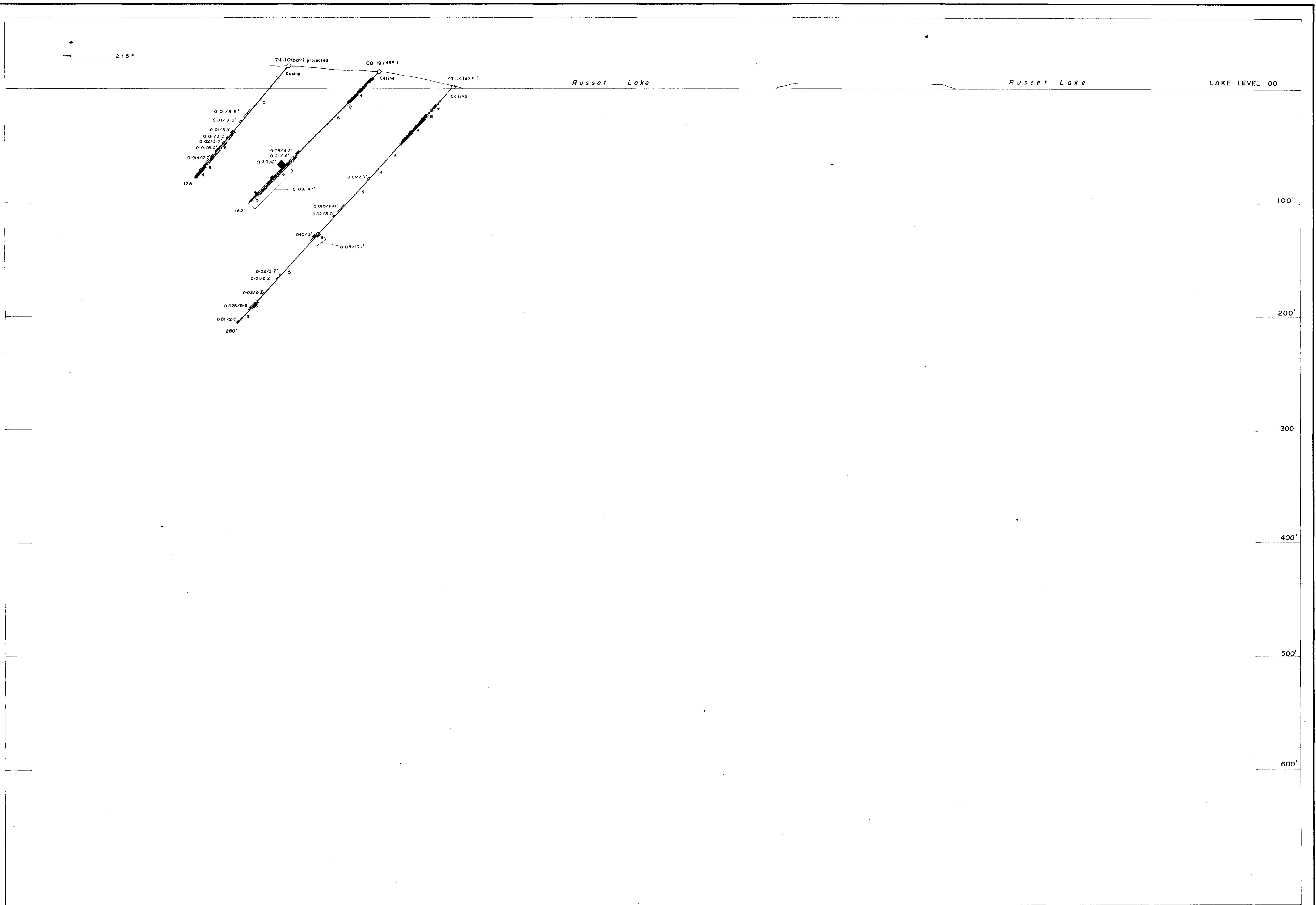
Quartz vein

ASSAYS : OZS. GOLD



AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H.- 68-15, 74-5, 74-6, 74-7
 NO 3. TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'



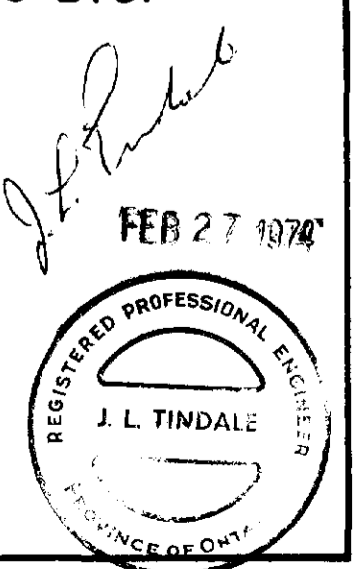


- 9 9 Feldspar porphyry dike
- 8 8 Lamprophyre dike
- 7 7 Russet Lake talc
- 6 6 Brown tuff
- 5 5 Chloritic tuff
- 4 4 Andesite
- 2 2 Diorite

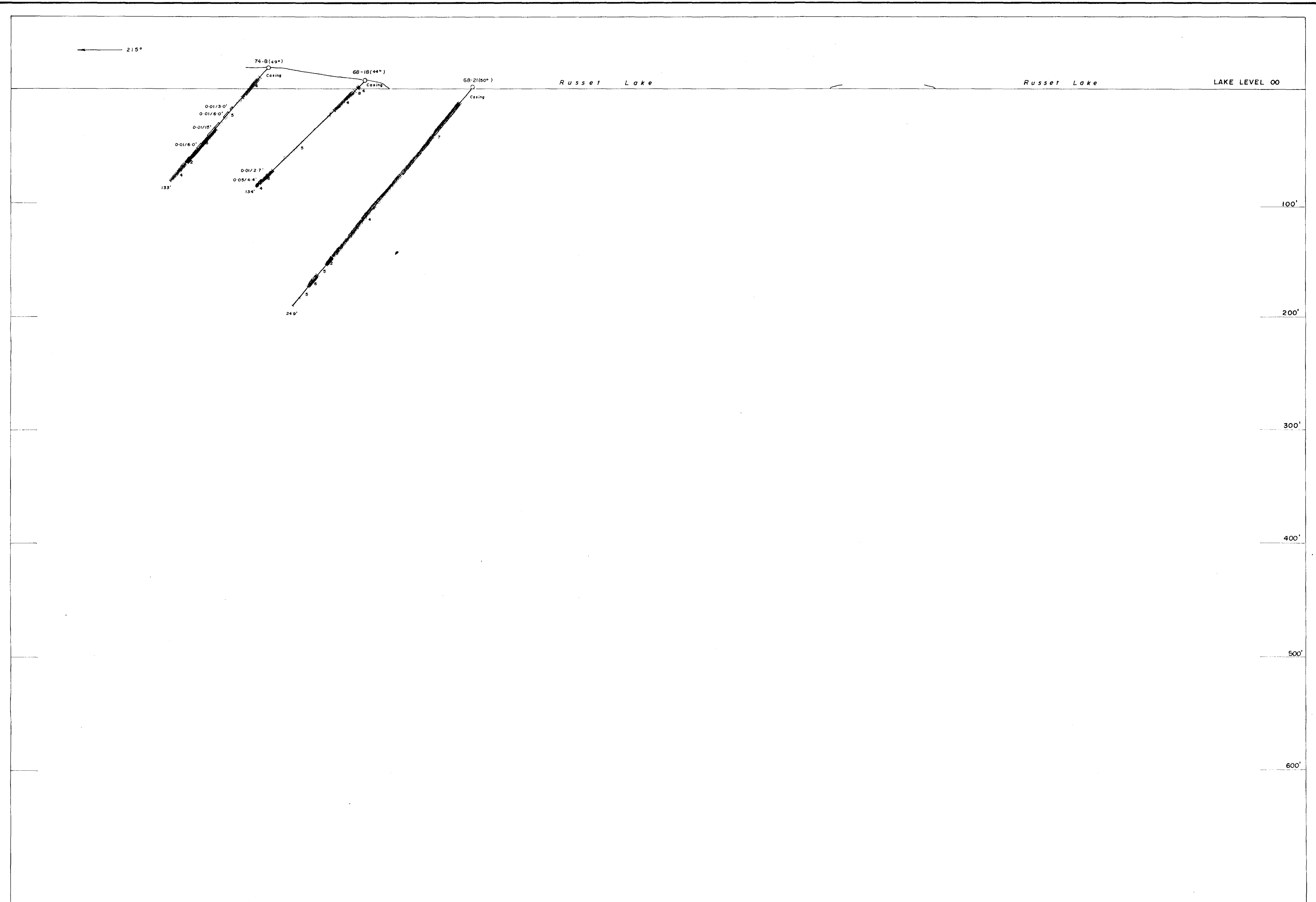
ASSAYS : OZS. GOLD

01 - 049
05 - 099
10 - 149
15 - 199
20 - 249
25 - 299
30 - 349
35 - 399
40 - 449
45 - 499
50 +

AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 68-19, 74-10, 74-14
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'

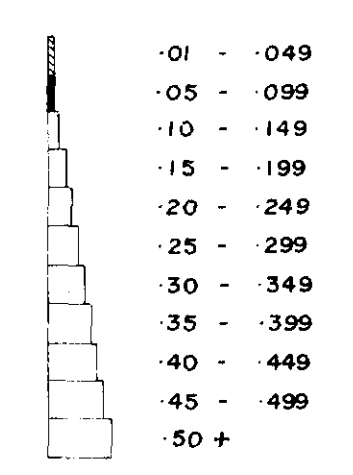


63-30-98 (54ft)

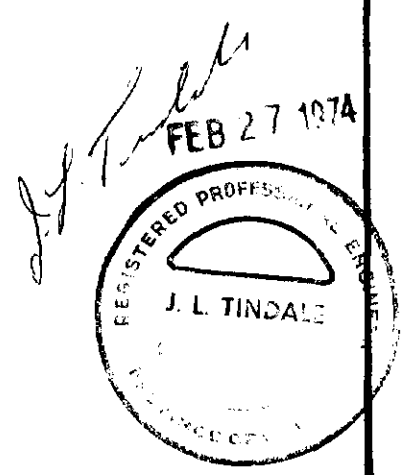


- 8 8 Lamprophyre dike
- 7 7 Russet Lake talc
- 6 6 Brown tuff
- 5 5 Chloritic tuff
- 4 4 Andesite
- 2 2 Diorite

ASSAYS : OZS. GOLD



AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 68-18, 74-8, 74-21
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'



633098 (S.sqft)

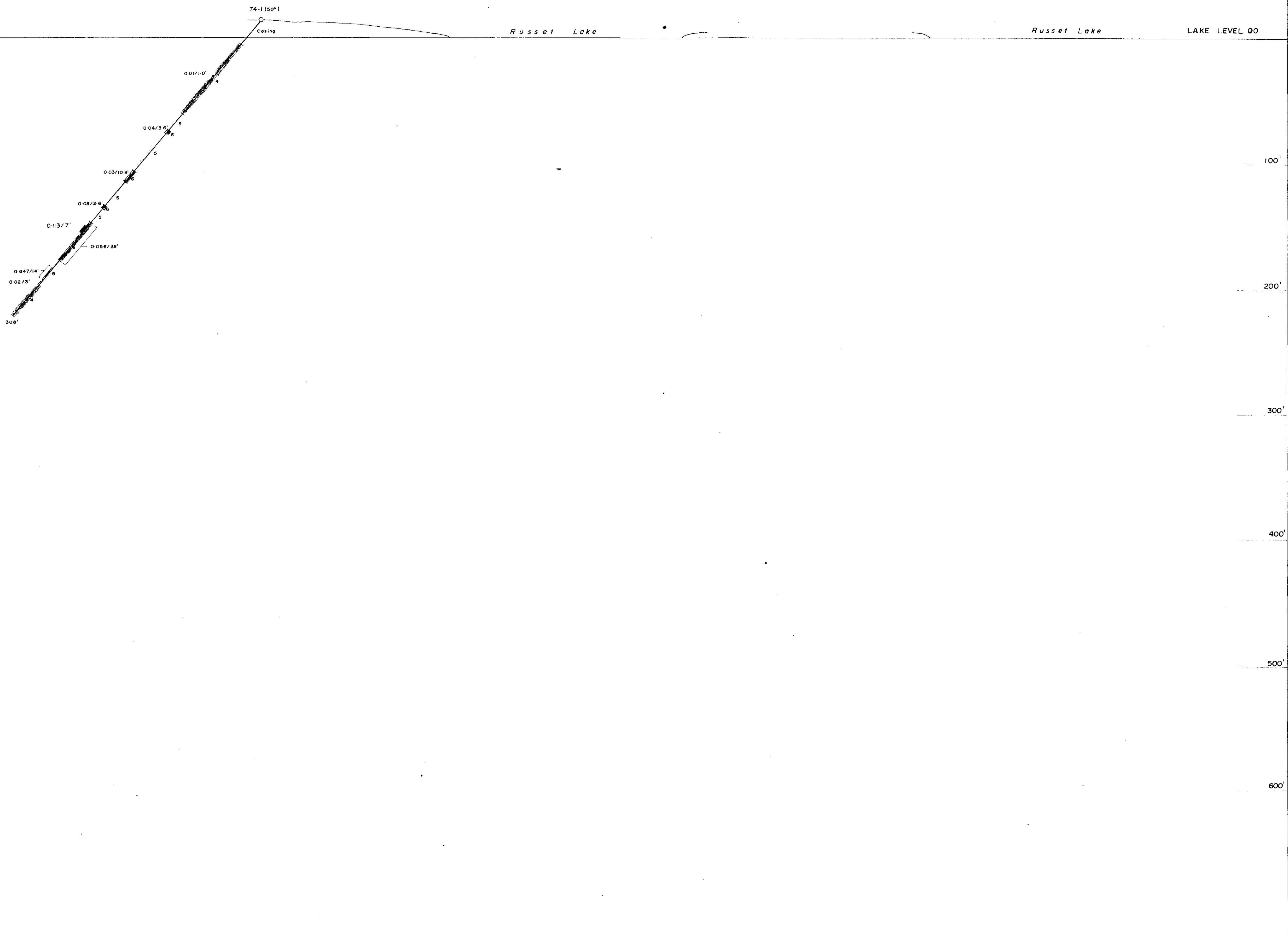
215°

74-1 (50°)

Russet Lake

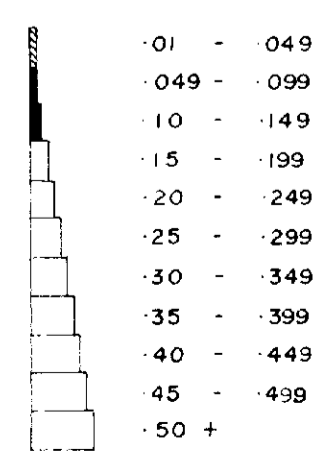
Russet Lake

LAKE LEVEL 00

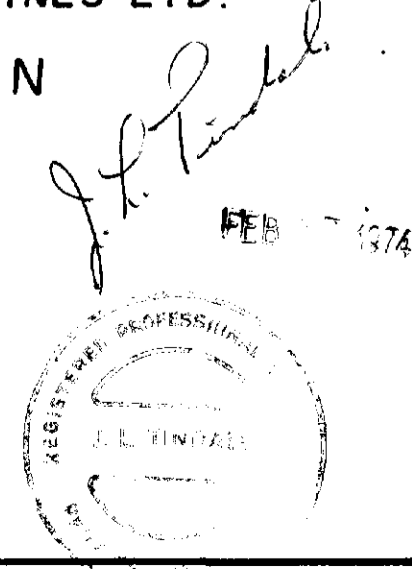


- 8 [] Lamprophyre dike
- 7 [] Russet Lake talc
- 6 [] Brown tuff
- 5 [] Chloritic tuff
- 4 [] Andesite
- 2 [] Diorite

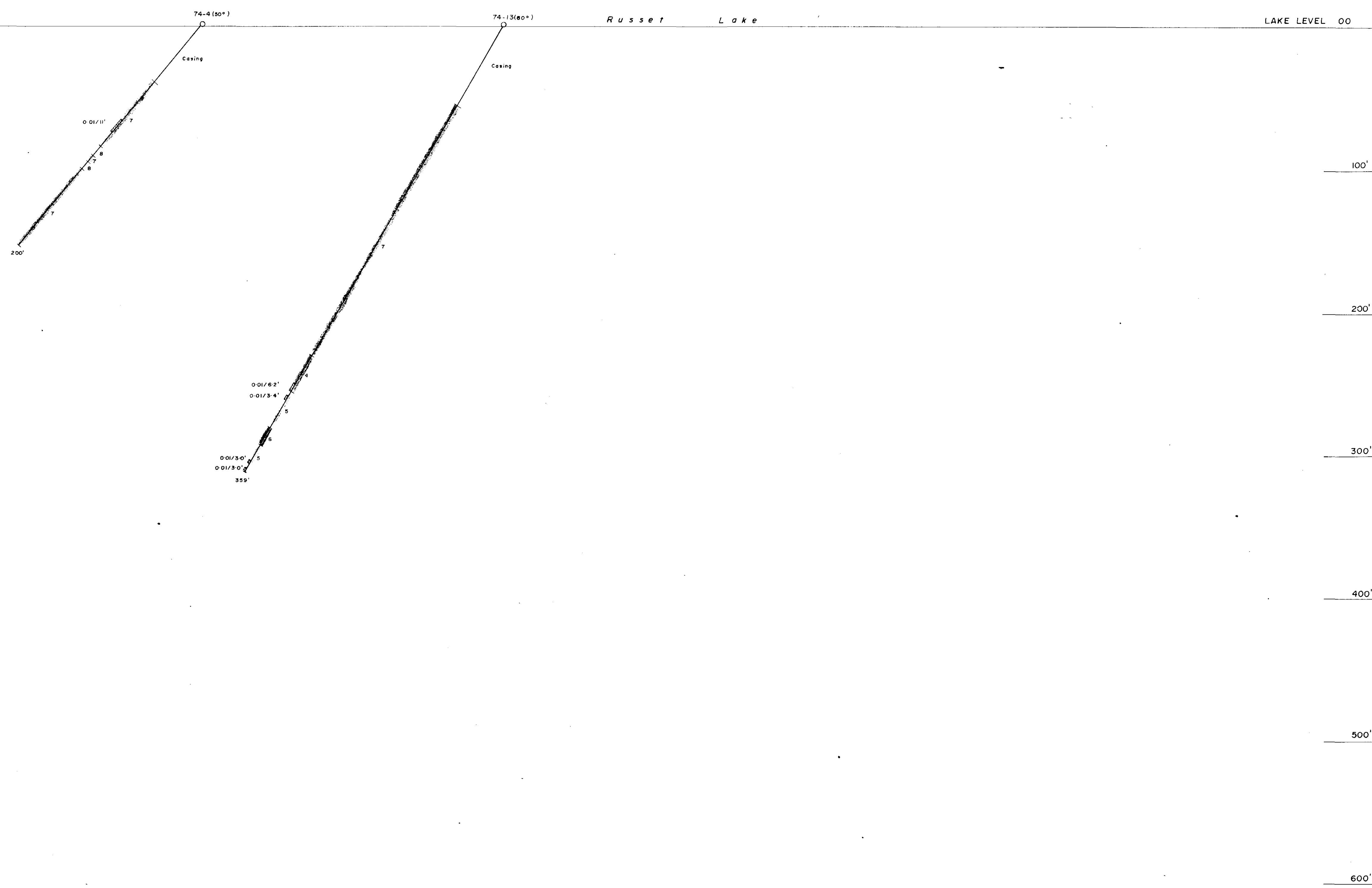
ASSAYS : OZS. GOLD



AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 74-1
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'



215°



- 8 [Symbol] Lamprophyre dike
- 7 [Symbol] Russet Lake talc
- 6 [Symbol] Brown tuff
- 5 [Symbol] Chloritic tuff
- 4 [Symbol] Andesite
- 2 [Symbol] Diorite

ASSAYS : OZS. GOLD

01	-	.049
.05	-	.099
.10	-	.149
.15	-	.199
.20	-	.249
.25	-	.299
.30	-	.349
.35	-	.399
.40	-	.449
.45	-	.499
.50	+	

AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H.- 74-4, 74-13
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'

J. H. ...
 FEB 27 1974
 PROFESSIONAL ENGINEER
 PROVINCE OF ONTARIO

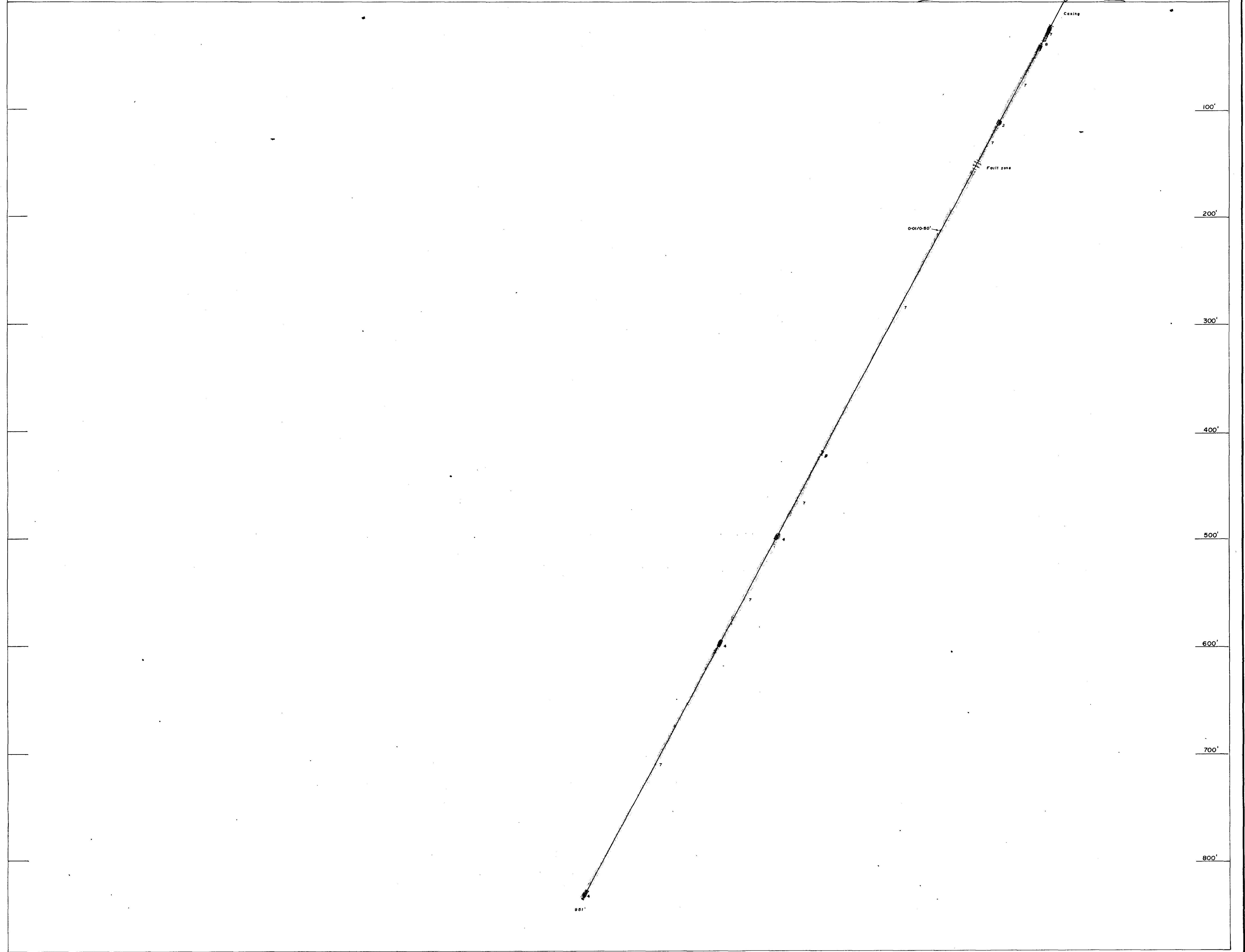


292°

Russet Lake

74-15(82°)

LAKE LEVEL 00



100'

200'

300'

400'

500'

600'

700'

800'

- 9 Feldspar porphyry dike
 - 8 Lamprophyre dike
 - 7 Russet Lake talc
 - 6 Brown tuff
 - 5 Chloritic tuff
 - 4 Andesite
 - 2 Diorite
- Fault

ASSAYS : OZS. GOLD

01	-	049
05	-	099
10	-	149
15	-	199
20	-	249
25	-	299
30	-	349
35	-	399
40	-	449
45	-	499
50	+	

AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 74-15

BAIRD TWP., ONTARIO
 SCALE : 1" = 40'

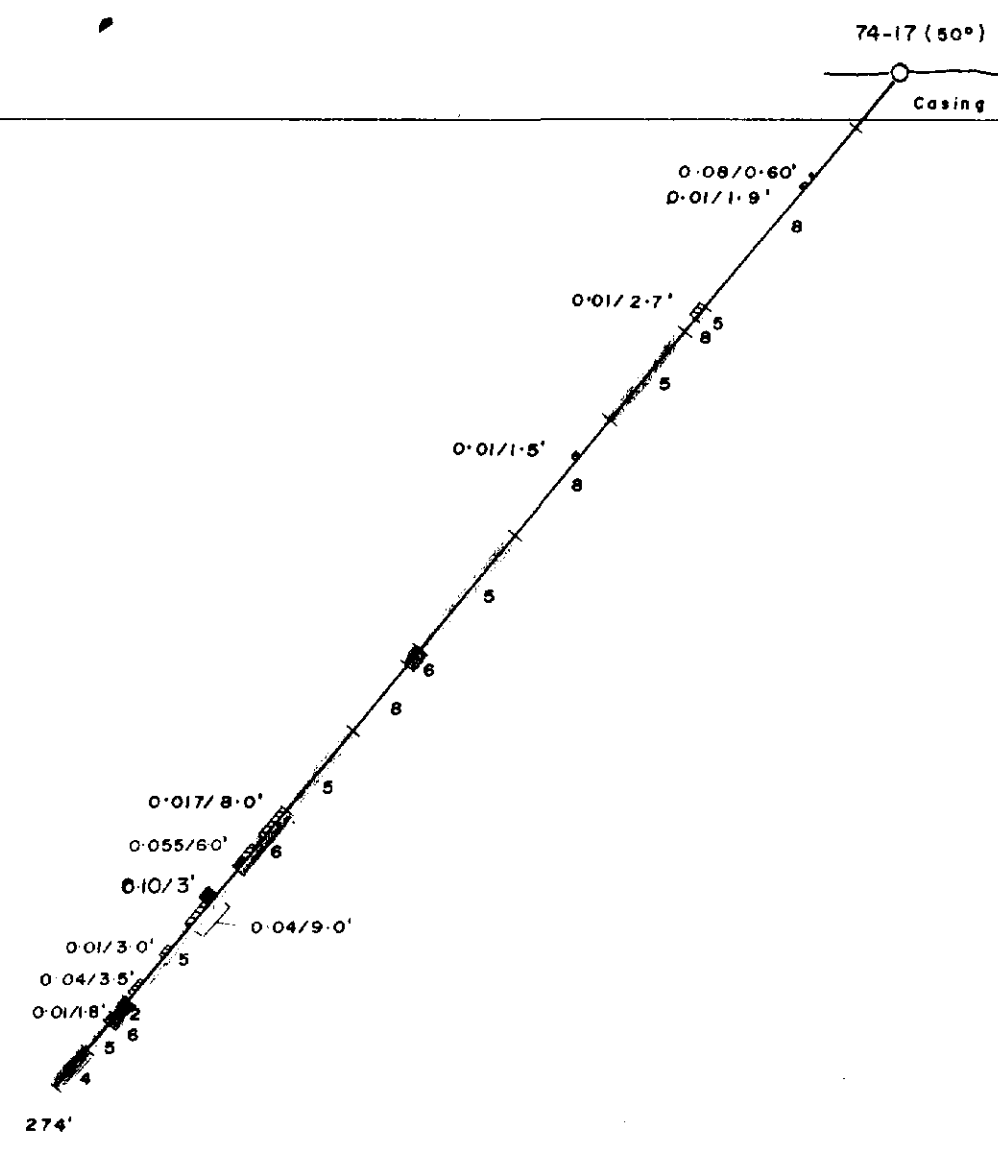
J. L. Tindale
 FEB 27 1974



215°

Russet Lake

LAKE LEVEL 00



100'

200'

300'

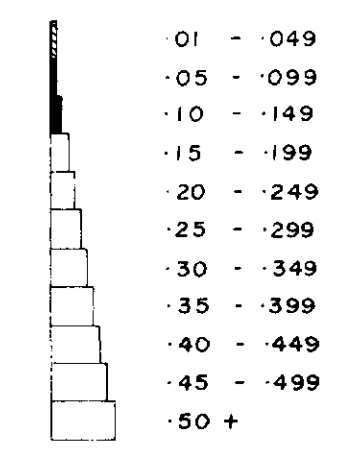
400'

500'

600'

- 8 [] Lamprophyre dike
- 7 [] Russet Lake talc
- 6 [] Brown tuff
- 5 [] Chloritic tuff
- 4 [] Andesite
- 2 [] Diorite

ASSAYS : OZS. GOLD



AIKEN-RUSSET RED LAKE GOLD MINES LTD.
 GEOLOGICAL SECTION
 D.D.H. - 74-17
 NO. 3 TUFF ZONE
 BAIRD TWP., ONTARIO
 SCALE : 1" = 40'

J. L. Tumbach
 FEB 27 1976



63-3098 (500 ft)



GEOLOGICAL MAP
AIKEN-RUSSET RED LAKE MINES LTD.
BAIRD TWP., ONTARIO
SCALE : 1" = 100'

Ask?



t L a k e

KRL 12663

KRL 12728

MADSEN - RED LAKE GOLD MINES LTD.
AIKEN-RUSSET RED LAKE MINES LTD.

Au. zone picked up in drilling
from 3800' face

NO. 6
ORE
ZONE
AT
3800'
LEVEL

KRL 12820

KRL 12522

RL 12822

KRL 11509

KRL 12823

KRL 12821

GEOLOGICAL MAP
AIKEN-RUSSET RED LAKE MINES LTD.
BAIRD TWP., ONTARIO
SCALE : 1" = 100'

