



53F15SW0004 12 LINGMAN LAKE

010

Diamond Drilling

Area Lingman Lake Report N^o 12

Work performed by: Nearctic Resources Inc.

Claim N ^o	Hole N ^o	Footage	Date	Note
KRL 623841	1	378	Apr/83	(1)
	2	200	May/83	(1)
	3	154	May/83	(1)
	4	151	May/83	(1)
	5	229	May/83	(1)
	6	100	May/83	(1)
KRL 623844	7	203	May/83	(1)
	8	141	June/83	(1)
	9	151	June/83	(1)
KRL 623845	10	157	June/83	(1)
	11	207	June/83	(1)
KRL 623848	12	208	June/83	(1)
	13	151	June/83	(1)
	14	244	July/83	(1)

Notes: (1) #11-84



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Hole No. 1 Page No. 1

Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North 0°	Total Footage 378	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim.	Map Reference No. M2064	Claim No. 623841
Date Hole Started APRIL 15/83	Date Completed MAY 3/83	Date Logged APR. 25/83	Logged by F. SCOTT		Fl.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted JAN 24/83	Submitted by (Signature) <i>F. Scott</i>		Fl.			
					Fl.			
							Property Name NEARCTIC - LINGMAN.	

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au/oz	Cu %
0	5	CASING.									
5	31	BASALT	DARK GREEN, MEDIUM GRAINED, MINOR CHLORITE, TRACE PYRITE								
31	52	ANDESITE	GREEN, FINE GRAINED, BANDED, TUFFACEOUS	45°		801	34	35	1.0	.002	
52	59	ANDC				802	49	50	1.0	.005	
						803	51	52	1.0	.004	
52	59	ANDESITE TUFF	GREEN, FINE GRAINED, CHLORITIC.				69.9	71.1	2.2	.003	
59	73	ANDESITE	GREEN, MEDIUM GRAINED, RECRYSTALLIZED, TRACE SULFIDES			822	71.1	73	1.9	.005	
73	77.2	MINERALIZED ZONE	QUARTZ-ANKERITE ROCK, CHLORITIC, TRACES MoS ₂ , FeS ₂	25°		804	73	77.2	4.2	.35	
77.2	78	ANDESITE	COARSE GRAINED, GREEN, TRACE CARBONATE			823	77.2	77.9	0.7	.002	
78	104	ANDESITE TUFF.	BANDED, FINE GRAINED.	45°		824	77.9	81.0	3.0	.002	
			86.8 - 91 - SILICIFIED ZONE			825	88.0	91	3.0	.004	
			96 - 104 TRACES PYRRHOTITE, CHALCOPYRITE.			(841)	57.0	59.2	2.2	.002	
104	115	ANDESITE	MEDIUM GRAINED, RECRYSTALLIZED,			(842)	59.2	62.0	2.8	.034	
115	135	ANDESITE TUFF	FINE GRAINED, CHLORITIC	50°		(843)	62.0	64.5	2.5	.002	
			116.2 - 116.8, SHEARED, SILICIFIED, TRACE Po, Cp.			806	116.2	116.8	0.6	.004	
			116.8 - 118.8 QUARTZ VEIN, TRACE Po, Py			807	116.8	118.8	2.0	.002	
			118.8 - 121 SHEAR ZONE 5% SULFIDES, FAIR Po TRACE Cp.			808	118.8	121.0	2.2	.002	
			121 - 123.8 QUARTZ VEIN, ANKERITE, MINOR SULFIDES			809	121.0	123.8	2.8	.004	
135	164	RHYOLITE	TUFFACEOUS, MINOR SULFIDES			810	135	143	8.0	.004	
			143 - 149.2 CHLORITIZED, SLIGHT Qtz, Pyrite			811	143	149.2	6.2	.003	
164	198	DIABASE	DARK, FINE GRAINED, MAY BE EXTRUSIVE			812	158	164	6.0	<.001	
			191.6 - 198.8 Qtz. VEINLET			(844)	64.5	67	2.5	.007	
198	232	ANDESITE	GREEN, MEDIUM GRAINED.			(845)	67.0	69.8	2.8	.003	
232	273.6	QUARTZITE	BRECCIATED, GREY, FAIR Po, SLI Cp, TRACE Py.			813	232	236	4.0	.001	.13
			CHLORITIC	55°		814	236	240	4.0	.013	.14
			254 - 4" Qtz VEIN.			815	240	250	10.0	.001	.04
			268.6 - 273 - BIOTITE, FAIR PYRRHOTITE.			816	250	260	10.0	.003	.03
						817	260	263	3.0	—	
273.6	301	ANDESITE TUFF	CHLORITIC								
			292.5 - 293.5 Qtz VEIN, HEAVY PYRRHOTITE.			818	268.6	273.6	5.0	.002	
301	308	METASEDIMENTS	FAIR BANDED PYRRHOTITE.	55°		820	292.6	293.6	1.0	.014	.11
308	329	ANDESITE	CHLORITIC, PORPHYROBLASTS 316 - 327			819	301	309	8.0	.015	.19
329	363	ANDESITE TUFF	BANDED, CHLORITIC, FAIR PYRRHOTITE, TRACE CHALCOPYRITE	65°		826	309	310	1.0	.007	
783 (82/1)	378	CONTACT ROCK	THIN DYKES OF GRANITE			827	369	370.3	1.3	.010	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



Drilling Company NEARCTIC RESOURCES INC		Collar Elevation —	Bearing of hole from true North 0°	Total Footage 200	Dip of Hole at Collar 65°	Location of hole in relation to a fixed point on the claim. GRID 34E - 1580S	Map Reference No. M2064	Claim No. 623841	
Date Hole Started MAY 4 /83	Date Completed MAY 17/83	Date Logged MAY 17/83	Logged by L. FORANO.		Fl.		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) 		Fl.				
							Property Name LINGMAN LAKE		

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au	oz/t
0	1	CASING									
1	200	ANDESITE.	GREEN-GREY, FINE TO MEDIUM GRAINED, CHLORITIZED.								
			4-5 QTZ FLOODING	30°							
			21 QTZ VEINLET WITH PYRITE, PYRITE, CHALCOPYRITE.								
			14-27 TUFFACEOUS								
			54-83 FOLIATED, MINDOK QUARTZ	35°							
			90-98 ABUNDANT QTZ. VEINLETS.			828	89.0	90.7	1.7	.005	
			145-166 " " "			829	90.7	94	3.3	.019	
			176-178 " " "			830	94.0	97.6	3.6	.070	
						831					
						831	104.8	106.3	1.5	.002	
						832	107.3	108.3	1.0	.024	
						833	113.5	114.0	0.5	.032	
						834	130.5	133.5	3.0	.035	
						835	163.6	167.1	3.5	.001	
						836	175.6	178.0	2.4	.004	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



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Hole No. **3** Page No. **1**

Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North 0°	Total Footage 154	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. GRID 3644 E - 1554 S.	Map Reference No. M 2064	Claim No. 623841
Date Hole Started MAY 17/83	Date Completed MAY 21/83	Date Logged MAY 21/83	Logged by L. FORAND		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name LINGMAN LAKE
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>[Signature]</i>		Ft.			
					Ft.			

Footage		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		g/t	
0	1	CASING.									
1	154	ANDESITE	GREY-GREEN, MEDIUM GRAINED, SLIGHTLY CHLORITIC.	55°							
			2-4 MINOR QTL VEINS WITH SULFIDES.								
			16-22 " " " "			837	52	55	3.0	.003	
			102-103.5 SUGARY QTL VEIN WITH PYRITE.								
			111-112 BRECCIATED			838	101.5	103.5	2.0	<.001	
			123-124 " SLICKENSLIDES, PYRITE NODULES								
			129-134 PYRITE STRINGERS AND VEINLETS.			839	119.5	122.0	2.5	.066	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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Hole No. 4	Page No. 1
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Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North	Total Footage 151	Dip of Hole at Collar 60°	Location of hole in relation to a fixed point on the claim. GRID 3664 E - 1554 S	Map Reference No. M2064	Claim No. 623841
Date Hole Started MAY 21/83	Date Completed MAY 22/83	Date Logged MAY 22/83	Logged by L. FORAND.		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name LINGMAN LAKE
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>[Signature]</i>		Ft.			
					Ft.			

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Assays †	Assays †
0	2.5	CASING.									
2.5	151	ANDESITE.	GREY-GREEN, MEDIUM GRAINED	45°							
			59-78.5 TUFFACEOUS, FREQUENT SUGARY QTL VEINLETS								
			78.5-81.5 " NO QUARTZ.								
			125-136 QTL VEINLETS PARALLEL FOLIATION.			840	137	139.5	2.5	0.21	
			137-139.5 Trace pyroxene, minor qtz, chlorite								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North 0°	Total Footage 229	Dip of Hole at Collar 75°	Location of hole in relation to a fixed point on the claim. GRID 15545-3644 E.	Map Reference No. M2064	Claim No. 623841	
Date Hole Started MAY 22 / 83	Date Completed MAY 25 / 83	Date Logged JUNE 6 / 83	Logged by J. FORAN		Fl.		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>[Signature]</i>		Fl.		Property Name LINGMAN LAKE		
					Fl.				

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au (g/t)	
0	2	EASING									
2	229	ANDESITE	GREY-GREEN MEDIUM GRAINED	30°							
			13-14 QUARTZ FLOODING, MINOR PYROMPHITE, PYRITE, CHALCOPYRITE			848	12	15	3.0	.005	
			17-18 " " " " " "								
			44 " " " " " "								
			49.5 " " " " " "			847	49.0	50.2	1.2	.084	
			52 " " " " " "								
			185-5-194 " " " " " "			1961	82	86	4.0	.002	
						1962	97	100.75	3.75	<.001	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



Diamond Drilling Log

Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North 0°	Total Footage 100	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. QK10 3550 E 1580 S	Map Reference No. M2064	Claim No. 223841	
Date Hole Started MAY 25/83	Date Completed MAY 28/83	Date Logged MAY 29/83	Logged by L. FOXAND		Fl.		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>Leuto Scott</i>		Fl.				
					Fl.				

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †		
From	To						From	To				
0	8	CASING.										
8	100	ANDESITE	GREY-GREEN, MEDIUM GRAINED. STRINGERS OF PYRITE	55°								
			49-20 QTL VEINLETS, MINOR PYRITE, CHALCOPYRITE									
			48-64 ABUNDANT SUGARY QTL-CARBONATE VEINS WITH PYRITE.									
			70-73 QTL VEINLETS									
			88-90 " "									



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Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North 0°	Total Footage 203	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. GRID 1573 S - 3715 E	Map Reference No. M 2064	Claim No. 623844
Date Hole Started MAY 28/83	Date Completed JUNE 4/83	Date Logged JUNE 7/83	Logged by L. FORAND		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>L. Forand</i>		Ft.			
					Ft.			Property Name LITGMAN LAKE.

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Am (g/t)	
0	4	CASING									
4	129.5	ANDESITE	GREY-GREEN, MEDIUM GRAINED, SLIGHTLY CHLORITIZED. 71-83.5 TUFFACEOUS 83.5-94 FREQUENT BLESS PYRITE, PYRRHOTITE	50°		1963	98.75	100.25	1.5	.001	
129.5	171	ANDESITE TUFF?	FINE GRAINED, GREY-GREEN, FINE SULFIDES AS ABOVE. 160-171 - BRECCIATED, SLICKENSIDES, CHLORITIZED FINE SULFIDES								
171	203	ANDESITE	AS 4-129.5.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



Ontario

Ministry of Natural Resources

Diamond Drilling Log

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Hole No. **8** Page No. **1**

Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North	Total Footage 141	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. 49+05 E - 15+60 S	Map Reference No. M2064	Claim No. 623844
Date Hole Started JUNE 5/83	Date Completed JUNE 12/83	Date Logged JUNE 13/83	Logged by L. FORAND		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>L. Forand</i>		Ft.			
					Ft.			Property Name LINGMAN LAKE

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au (oz/t)	
0	14	CASING									
14	33	METASEDIMENT	GREY, FINE GRAINED, SLIGHTLY CHLORITIC.	70°							
33	140	AMPHIBOLITE	GREY, GREEN, MEDIUM GRAINED, TRACES PYLITE, PYRRHOTITE	45°		849	36.9	39.9	3	.001	
			43.5 MINOR QTL VEIN								
			47 QTL VEIN WITH PYRITE			850	45.3	48.8	3.5	.001	
			48 " " " "								
			57.5-58 " " " "			851	56.7	58.1	1.4	2.001	
			119-120.9 QTL-FLOODED, PYLITE & PYRRHOTITE COMMON	60°							
			120.9-122 MILKY QUARTZ VEIN			852	119.0	120.9	1.9	.001	
						853	120.9	122.0	1.1	.004	
						854	122.0	126.0	4.0	.011	
						855					

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



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Hole No. **9** Page No. **1**

Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North 0°	Total Footage 151	Dip of Hole at Collar 65°	Location of hole in relation to a fixed point on the claim. 49+55 E 15+60 S	Map Reference No. M2064	Claim No. 623844
Date Hole Started JUNE 13/83	Date Completed JUNE 16/83	Date Logged JUNE 16	Logged by L. FORAND		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name LINGMAN LAKE
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>[Signature]</i>		Ft.			
					Ft.			

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Assays †	Assays †
0	12	CASING									
12	31	METASEDIMENT	GREY, CHLORITIC, FINE GRAINED TRACES PYRITE, CHALCOPYRITE	70°							
31	151	ANDESITE	GREY, MEDIUM-GRAINED, WEAKLY FOLIATED STRIKINGS PYRITE, PYRROPHOTITE. 40-42 QUARTZ-FLOODED, 5% SULFIDES 89 BRECCIA	65°							
						855	33	36	3.0	.003	
						856	36	38.5	2.5	.001	
						857	38.5	41	2.5	.001	
						858	41	42	1.0	.002	
						859	55	58	3.0	.014	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



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Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North 180°	Total Footage 157	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. QR10 49+30E 14+60 S.	Map Reference No. M2064	Claim No. 623844		
Date Hole Started JUNE 17/83	Date Completed JUNE 20/83	Date Logged JUNE 20/83	Logged by L. FORAND		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name LINGMAN LAKE		
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>L. Forand</i>		Ft.					
					Ft.					

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au (g/t)	
0	9	CASING.									
9	102	ANDESITE	GREEN GREY FINE TO MEDIUM GRAINED 13-80 TUFFACEOUS 46.5-49 QUARTZ FLOODED. 72-QUARTZ-SULFIDE VEIN.	45°		865	9	12	3.0	<.001	
102	157	METASEDIMENT.	GREY, FINE TO MEDIUM GRAINED, SILICEOUS. 111-112 QUARTZ VEINS 117-118 " " 106-121 - ABUNDANT SULFIDES - 5% PYRITE, PYRRHOTITE 1/2% CHALCOPYRITE			860	101	106	5.0	.001	
						861	106	109	3.0	.001	
						862	109	112	3.0	.012	
						863	112	117	5.0	.003	
						864	117	122	5.0	<.001	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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Hole No. 11	Page No. 1
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Drilling Company NEARCTIC RESOURCES INC		Collar Elevation	Bearing of hole from true North 0°	Total Footage 207	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. 6000 E 675 S	Map Reference No. M2064	Claim No. 623845
Date Hole Started JUNE 21/83	Date Completed JUNE 25/83	Date Logged JUNE 25/83	Logged by L. FORAND		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>Leuto Scott</i>		Ft.			
					Ft.			Property Name LINGMAN LAKE

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays ‡	
From	To						From	To		Au (oz/t)	Cu (%)
0	7.5	CASING									
7.5	91.5	ANDESITE	GREY, FINE GRAINED, SLIGHTLY CHLORITIZED. 26-27 QUARTZ VEIN WITH SULFIDES.	65°							
91.5	109	RHYOLITE	MEDIUM GREY - FINE GRAINED 92 QUARTZ VEINS WITH PYRITE AND PYRRHOTITE 93 " " " " " "								
109	122	ANDESITE	GREY-GREEN, MEDIUM GRAINED. 116-117.5 QTL VEINING WITH SULFIDES			866	106	108	2.0	.048	
122	136.5	RHYOLITE	FINE GRAINED, MEDIUM GREY SILICEOUS, FOLIATED ABUNDANT SULFIDE STRINGERS 5% PYRITE, PYRRHOTITE <1% CHALCOPYRITE	70°		867	116	117.5	1.5	.017	
136.5	169.5	ANDESITE	GREY GREEN, MEDIUM GRAINED, MODERATELY CHLORITIZED	65°		868	121.7	127	5.3	.001	.13
169.5	177	RHYOLITE	FINE GRAINED, SILICEOUS, GREY FAULT GOUREAU 173, 73% PYRITE WITH QUARTZ.			869	127	132	5.0	.002	.19
177	192	ANDESITE	AS ABOVE	52°		870	132	135.5	3.5	<.001	
192	207	RHYOLITE	FOLIATED 200.5 - 205.5 - 5% PYRITE AND PYRRHOTITE			871	169.5	173	3.5	.006	
						872	200.5	205.5	5.0	.002	



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Drilling Company NEARCTIC RESOURCES INC		Collar Elevation	Bearing of hole from true North 0°	Total Footage 208	Dip of Hole at Collar 66°	Location of hole in relation to a fixed point on the claim. GR10 60E - 6+355.	Map Reference No. M2064	Claim No. 623245
Date Hole Started JUNE 26/83	Date Completed JUNE 27/83	Date Logged JUNE 28/83	Logged by L. FORANO		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) <i>L. Forano</i>		Ft.			
					Ft.			Property Name LINGMAN LAKE.

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au (oz/t)	
0	5	CASING.									
5	151	ANDESITE.	LIGHT GREY, FINE GRAINED, GENERALLY MASSIVE, SLIGHTLY CHLORITIZED	45°		873	122	123	1.0	.001	
			12' - QTZ - CARBONATE VEIN.			881	146	151	5.0	<.001	
			72-73 - SILICIFIED, PYRITE AND CHALCOPYRITE STRINGERS.	45°		874	151	154	3.0	<.001	
151	166	METASEDIMENTAL & HYDRATE	LIGHT GREY, FINE GRAINED, SILICIFIED 5% PYRITE, QTZ. VEINS AND VEINLETS PARALLEL TO FOLIATION			875	154	158	4.0	<.001	
						876	158	161	3.0	<.001	
						877	161	166	5.0	.024	
						878	166	168	2.0	.002	
166	199.5	ANDESITE	AS ABOVE	65°							
199.5	208	METASEDIMENT.	AS ABOVE, QTZ VEINING TO 25%			879	199.5	202.5	3.0	<.001	
						880	204.5	208	3.5	<.001	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



Fill in on every page

Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North 0°	Total Footage 244	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. QK10.60E 124003.	Map Reference No. M2064	Claim No. 623848	
Date Hole Started JULY 14/83	Date Completed JULY 23/83	Date Logged JULY 24/83	Logged by J. HAMILTON		Fl.		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted FEB 6/84	Submitted by (Signature) <i>[Signature]</i>		Fl.		Property Name LINGMAN LAKE.		
					Fl.				

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Am	Oz/T
0	24	CASING.									
24	169	ANDESITE	ANDESITE, CLUKITE, FINE TO MEDIUM-GRAINED MINOR				29.5	34.5	5.0	.028	
169	200	METASCHISTS(?)	SULPHIDES RARE - MAY BE CLUKITIC WUFF.								
			29.5-34.5 INCREASED PYRITE				122	129	7.0	<.001	
			52 CLUKITE SCHIST.				169	175	6.0	.008	
			122-129 INCREASED PYRITE				175	180	5.0	<.001	
200	244	ANDESITE	AS ABOVE				180	185	5.0	<.001	
							185	187.5	2.5	.003	
							187.5	190	2.5	<.001	
							190	195	5.0	<.001	
							195	198	3.0	<.001	
							198	200	2.0	<.001	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



Ontario

Ministry of Natural Resources

Diamond Drilling Log

Fill in on every page

Hole No. 13 Page No.

Drilling Company NEARCTIC RESOURCES INC.		Collar Elevation	Bearing of hole from true North	Total Footage 151	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim. GRID 68E - 5+503	Map Reference No. M2064	Claim No. 623848
Date Hole Started JUNE 28/83	Date Completed JULY 13/83	Date Logged JULY 14/83	Logged by L. FORAND		Ft.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee NEARCTIC RESOURCES INC.		Date Submitted	Submitted by (Signature) F. G. E. / [Signature]		Ft.			
					Ft.			Property Name LINGMAN LAKE.

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To		Au g/t	
0	3	CASING.									
3	10	METASEDIMENT	MEDIUM GREY, FINE GRAINED TRACE SULFIDES	55°							
10	23	ANDESITE	GREY-GREEN-FINE GRAINED, CHLORITIC, QTL VEINLETS AT 20-23' 22' - WEAK SHEARING	60°		1955	20	23-25	3-25	.001	
23	64.5	"	SLIGHTLY COARSER GRAINED THAN ABOVE			1956	60	64.5	4.5	<.001	
64.5	73	METASEDIMENTS	GREY, FINE GRAINED, VEINLETS PYRITE AND PYRRHOTITE PARALLEL TO FOLIATION, UP TO 1/2% MINOR CHALCOPYRITE.	65°		1957	64.5	69.5	5.0	.001	
						1958	69.5	73.0	3.5	<.001	
						1959	91.3	96.3	5.0	.001	
73	96.3	ANDESITE	AS ABOVE			1960	96.3	101.3	5.0	.005	
96.3	101.3	METASEDIMENTS	GREY, FINE GRAINED, SILICEOUS, MAY BE ACID TUFF. PYRITE AND PYRRHOTITE STRINGERS UP TO 10%	67°							
101.3	132.6	ANDESITE	GREY-GREEN MEDIUM-GRAINED, SLIGHT CHLORITE	50°							
132.6	138	METASEDIMENT	FINE GRAINED, SILICEOUS, FRACTURED, SOME BIOTITE	70°							
138	151	ANDESITE	FINE GRAINED, CHLORITIC. MINOR QUARTZ VEIN AT 150' TRACE SULFIDES.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

Name and Postal Address of Recorded Holder NEARCTIC RESOURCES INC 2275 DOULTON DRIVE MISSISSAUGA, ONTARIO	Prospector's Licence No. T 1374
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Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 2674	Prefix KRL	Mining Claim Number 621222	Work Days Cr.
for Performance of the following work. (Check one only)		see list attached.	
<input type="checkbox"/> Manual Work			
<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work.			
<input type="checkbox"/> Compressed Air, other Power driven or mechanical equip.			
<input type="checkbox"/> Power Stripping			
<input checked="" type="checkbox"/> Diamond or other Core drilling			
<input type="checkbox"/> Land Survey			



53F15SW0004 12 LINGMAN LAKE

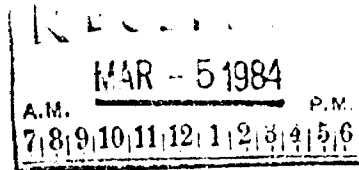
900

All the work was performed on Mining Claim(s):

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

J. K. SMIT 300 DRILL - B. Q CORE
13 DRILL HOLES TALLING 2674'
DRILLING COMPLETED BETWEEN APRIL 15 AND JULY 13, 1983
DRILL OWNED AND OPERATED BY NEARCTIC RESOURCES INC.

APPROVED MAR 5 1984



Date of Report FEB 6 / 84	Record Holder's Approval Signature <i>[Signature]</i>
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Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying FENTON SCOTT, 17 MALABAR PLACE, DIN MILLS, ONTARIO M3B1A4	Date Certified FEB 6 / 84	Certified by (Signature) <i>[Signature]</i>
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Table of Information/Attachments Required by the Mining Recorder

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

KRL 621222

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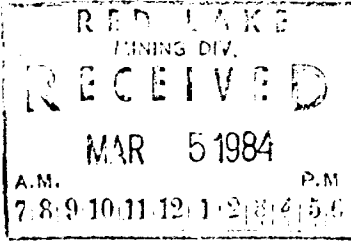
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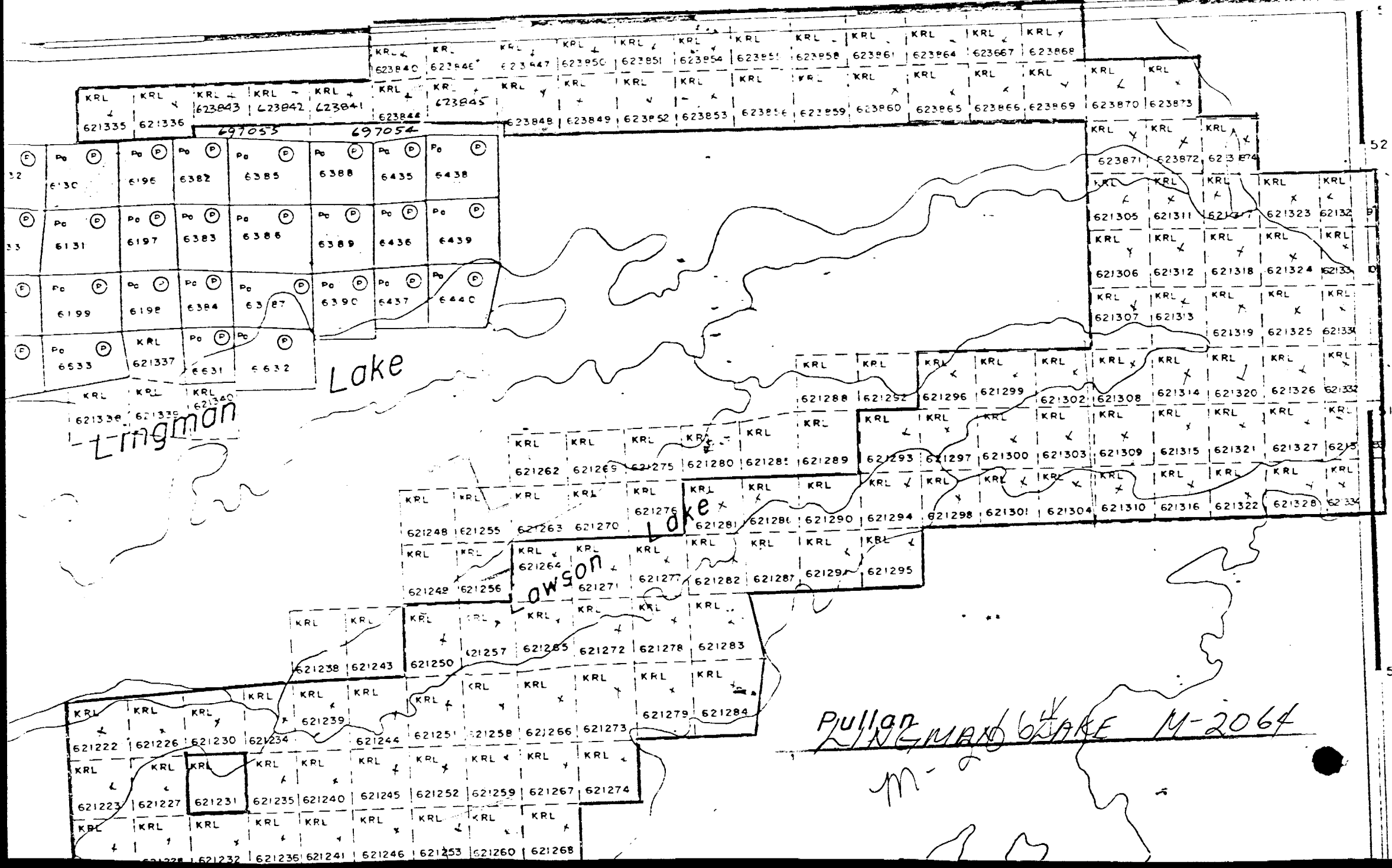


Please distribute
 2674 Feet of
 drilling submitted
 equally among the
 7 of 133 claims

$\frac{2674}{133} = 20.1$ manday/claim

Scott
 FOR NEARCTIC RESOURCES.

Of Lingman Lake (M. 2193)



#1 #4

↑ DH 11 -45°
12-60°

↑ DH 13
-45°

KRL 623845

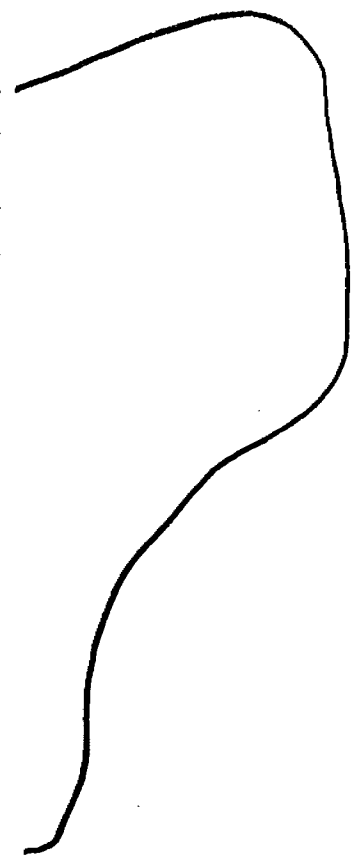
KRL 623848



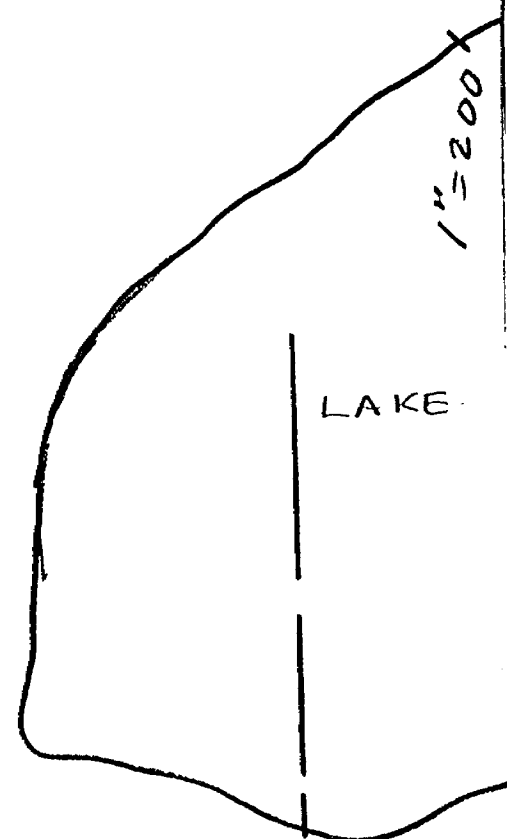
↑ DH 14
-45°

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FEB 10 1984
A.M.
7 8 9 10 11 12 1 2 3 4 5

1" = 200'

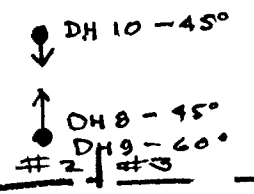
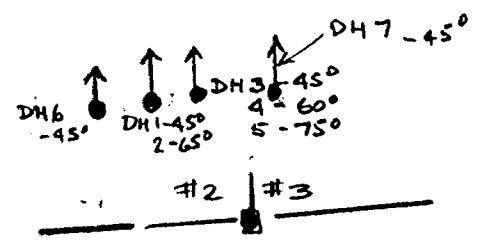


1" = 200'



KRL 623844

L 623841



RED LAKE
MINE DIV.
RECEIVED
FEB 10 1984
A.M. P.M.
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1" = 200'