



41P15NE8259 83.3126 POWELL

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R E P O R T O N

MAJESTIC CONSTRUCTION LIMITED

POWELL TWP. PROPERTY

MATACHEWAN AREA, ONTARIO

CG-64

By

New Liskeard, Ontario

Jack G. Willars, B.A.Sc., P.Eng.

November 19, 1973.



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R E P O R T O N

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INTRODUCTION

Majestic Construction Limited holds six contiguous mining claims under option in Powell Twp., Ontario. Claims numbered M.R. 37455 and M.R. 37456 are leased claims, and claims numbered L. 372902, L. 372903, L.373507, and L.367170 are unpatented claims. These claims comprise approximately 240 acres.

The property has had previous work done on it. The objective of the current work was an attempt to outline an open pit orebody of copper mineralization chiefly. A minimum grade of 0.5% Cu. was the target value.

ACCESSIBILITY AND SERVICES

The claims are situated just east of Highway No. 566 at three miles north of the bridge at Matachewan, Ontario, and are located in the southeast quarter of Powell Twp. Hydroelectric power lines parallel the highway and are adjacent to the property. Telephone facilities are available at Matachewan.

The terrain is high and well drained. North-south trending ridges express the late diabase intruding rocks. The area is well wooded and of mixed growth, with outcrops being plentiful.

HISTORY

Gold was discovered in 1916 in Matachewan area and subsequently Young-Davidson Mines adjacent to the south of the property became a producer. It is concluded that adjoining properties must have been well prospected for gold at this time.

In 1955, a N.35° W. trending trench 40' x 20' was sunk on the east boundary of claim M.R. 37456 about 250' north of No. 2 Post. A private company chip sampled a curved width of 32' which resulted in a weighted average of 1.04% Cu. Subsequently Dr. W.S. Savage of Ontario Department of Mines examined the showing (presently titled 'A' Showing) and reported a blacky-jointed and fractured quartzite shot through with small quartz veins mineralized with chalcopyrite. Dissemination of chalcopyrite adjacent to the veinlets was observed and malachite stains were noted on many of the joint planes. Some bornite was noted. At this time two diamond drill holes were drilled north of the trench with the results not known.

In early 1956 Ethel Copper Mines Ltd. drilled twelve holes under the trench and its projection north-south for 800'. Logs of eight holes reported chalcopyrite mineralization. In 1957 an independent company drilled a hole to test an electromagnetic anomaly on claim L.372902 in which no encouragement was reported.

During the middle part of 1965 the 'A' Showing trench was enlarged and 2,000 tons of pit material was shipped to the Ryan Lake mill of Pax International Mines Ltd., one mile north of the property. J.R. Mowat in his report dated June 20, 1965, reports mill heads averaging 0.607% Cu. approximately for 29 days. Arithmetical averages for 25 days of filter concentrates was calculated at 18.61% Cu approximately and final concentrates at 19.08% Cu. approximately. Mr. Mowat reports results of James Beardsley, assayer for Pax and who sampled the pit, as being 1.335% Cu. over a width of 40'. While slightly higher in value than Mr. Mowat's own sampling results, they were essentially of the same character and demonstrated the tenure of the showing. Selective sampling showed an increase in value with depth and fresher material that had not been oxidized near surface.

Due west of this pit on the west boundary of claim M.R. 37456 chalcopryrite was exposed next to a diabase dike. Immediately south of Post No. 1 of claim L.373507 chalcopryrite was exposed in syenite porphyry rocks. Sometime within the last few years an Induced Polarization Survey was conducted on the property by Highland Valley Mines Ltd. and at least two diamond drill holes were drilled on the 'A' Showing. The results of this drilling are not known.

SOURCES OF INFORMATION

Geology and Ore Deposits of the Matachewan-Kenogami Area

O.D.M. Vol. XLIV, Part 2, 1935 - W.S. Dyer.

O.D.M. Preliminary Geological Map No. P. 272, Powell

Twp. -H.L. Lovell, 1964

G.S.C. Aeromagnetic Sheets 287G and 290 G.

Geology of the Matachewan Area - Geological Report 51

-H.L. Lovell, 1967.

Interim Progress Report -Stancop Mines Ltd. - H. Hanson, 1965.

Descriptive Report - Welsh Copper Showing -H. Hanson, 1965.

Report of J.R. Mowat re Stancop Mines Ltd., Powell Twp.,
property dated June 20, 1965.

Map of Induced Polarization Survey by Highland Valley
Mines Ltd. - no date.

GENERAL GEOLOGY

Temiskaming sediment rocks consisting of conglomerates, quartzites, cherts and arkose trend east to northeast in the area and dip at steep angles to form two parallel east trending synclines. These rocks have been intruded by diorite and syenite porphyry rocks which tend to lie with the attitude of the sediments. Much later north-south trending diabase rocks have intersected the above assemblage of rocks. Major fault directions are also in a north-south direction.

Earlier gold deposits were found to be associated with the syenite porphyry rocks or in the immediate adjacent rocks. The gold is associated with pyrite, chalcopyrite, galena, sphalerite, hematite and molybdenite.

ECONOMIC GEOLOGY

Several exposures of chalcopyrite mineralization were located on the property.

'A' Showing was the original exposure on the property and was located 200' north of No. 2 Post of claim M.R. 34756 and on the common boundary between claims 34755 and 34756. Mineralization consists chiefly of chalcopyrite with some bornite. Molybdenite, galena and hematite were also observed. The economic mineralization appears to be related to quartz veining and silicification. Massive textures are observed at the contacts of syenite porphyry with sediments, and homogenous dissemination is observed throughout the silicified syenite porphyry mass. The association of economic mineralization with alteration of rocks (silicified syenite porphyry) offered a favourable geological environment for a valuable ore deposit. The syenite takes up an area of 600' x 450'.

'B' Showing consists of scattered chalcopyrite mineralization in altered conglomerates. This exposure is 650' due west of 'A' Showing and located in claim M.R. 37456.

'C' Showing is located on the common boundary between claims L.373507 and M.R. 37456 about 250' north of Post No. 2 of L. 373507. This is approximately 800' due west of 'A' Showing and consists of patchy massive

chalcopyrite with quartz veining in sediments at the contact of a diabase dike.

'D' Showing consists of chalcopyrite with quartz veining in altered conglomerate rocks. This exposure is located 1,400' due west of 'A' Showing in claim L.373507 just south of a beaver pond.

'E' Showing is located surrounding the common post of claims L.372902, L.372903, L.373507, M.R. 37456 and is approximately 1,000' north of 'D' Showing. The mineralization consists chiefly of pyrite and chalcopyrite associated with quartz veining and silicification in syenite porphyry rocks. The metallic mineralization is both massive and disseminated and is an attractive prospect. The syenite covers an area of 450' x 800' with an extended area to the east of the same size.

Another area of syenite porphyry of 700' x 200' size is situated in the west central part of claim L. 372902. The few small outcrops found contained some fine chalcopyrite and pyrite.

SCOPE OF NEW WORK

Since history showed that a possibility of a large tonnage low grade copper deposit containing some precious metals existed on the property, a sampling program designed to prove this objective was conducted. At the outset the main target area was the original 'A' Showing. Following overburden stripping of the syenite area, a systematic

sampling by percussion drilling was implemented. Percussion holes numbered 1 to 27 inclusive and 2-1 to 2-13 inclusive drilled a total of 2,560' in this area and samples were taken every 10' for assay. In addition four diamond drill holes numbered 1, 2, and 3 totalling 452' of core were drilled. The core was split and sampled every 10' and sent for assay. D.D.H. No. 1 duplicated percussion hole 1. New rock trenching totalling 200' lineal was done and sampled every 10'. While this work was being done the balance of the property was prospected.

At 'B' Showing which was a new find, an area 1800' x 500' was stripped and a rock trench 125' long was made. Samples were taken every 10' along the trench and sent for assay.

Old pits existed at 'C' Showing. New work consisting of four percussion holes numbered 28-29c inclusive and totalling 68' was carried out.

At 'D' Showing area stripping of 4,000' x 700' was conducted and 290' of lineal trenching was done of which 190' was sampled every 10' and sent for assay.

'E' Showing was extensively stripped to expose most of an area 450' x 800'. Rock trenching totalling 1,055' lineal was done and sampled every 10' and sent for assay. Percussion holes numbered 30 to 39 inclusive and 2-14 to 2-19 to total 619' were drilled and samples taken every 10' for assay. Diamond drill holes numbered 4 to 7 inclusive totalling 423' of core were drilled and the core split and taken for assay every 10'.

The syenite located in the northwest part of the property was not stripped or otherwise investigated.

A system of control grid lines was cut over the property at 200' intervals and the property was geologically mapped and covered by a VLF electromagnetic survey.

RESULTS OF NEW WORK

While several areas of economic mineralization were located on the property, two were considered to be more attractive prospects for ore deposits than the others. These are described as chalcopyrite mineralization associated with silicification of syenite porphyry and are identified as the 'A' and 'E' Showings. Information regarding a third such area located in the northwest part of the property is meagre and it is interesting to note that Highland Valley Mines proposed a drill hole to investigate this area and that no evidence or record of such activity is known. Stripping has uncovered chalcopyrite at the contact of syenite porphyry and sediments near the east boundary of claim M.R.37455. An objective of 0.5% Cu. minimum was used as a standard in evaluating results. A few sample results attained or surpassed this standard, but were not continuous nor over large enough areas to be significant. The results are presented in pictorial form on the accompanying maps and in written form in the attached tables and logs. Results of the VLF electromagnetic survey did not present any new target areas.

Systematic results were obtained for copper in all cases. Tests for gold and silver were made spasmodically and the results were very low.

SUMMARY AND CONCLUSIONS

Intensive and exhaustive sampling of the mineralized areas by percussion drilling, trenching and diamond drilling has shown that while copper mineralization is present the values are not sufficient or extensive enough to warrant mining. In addition a geophysical survey designed to locate any massive mineralization gave nil results.

One area of favourable host rock in the northwest part of the property and on which investigators in the past proposed exploration by diamond drilling had no work done on it.

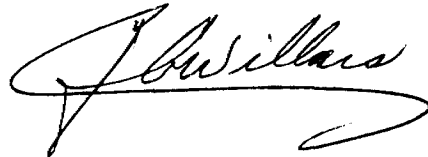
Duplication of percussion Hole 1 by diamond drill hole 1 has demonstrated the validity of sampling by percussion hole methods, at least to shallow depths in this type of material.

RECOMMENDATIONS

As recommended sampling procedures have been discontinued for the present. Two additional diamond drill holes should be considered. One hole, approximately 300' in depth would test a new copper exposure in the northeast

part of claim L.367170. Another hole approximately 500'
would investigate the syenite in the northwest part of the
property on claim L. 372902.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "J.G. Willars". The signature is fluid and extends to the right with a long, sweeping tail.

New Liskeard, Ontario
November 19, 1973.

J.G. Willars, P.Eng. B.A.Sc.

PERCUSSION DRILLING
DRILL NO. 1

(All Holes drilled at -45°0)

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>	<u>% Copper</u>	
1	70W	West	97'	973'	Sample 5801	0-10'	0.37
					5802	10-20'	0.64
					5803	20-30'	0.26
					5804	30-40'	0.24
					5805	40-50'	0.23
					5806	50-60'	0.17
					5807	60-70'	0.15
					5808	70-80'	0.17
					5809	80-90'	0.20
					5810	90-97'	0.16
2	B.L.	West	81'	965'	5811	0-10'	0.06
					5812	10-20'	0.06
					5813	20-30'	0.09
					5814	30-40'	0.10
					5815	40-50'	0.09
					5816	50-60'	0.07
					5817	60-70'	0.10
					5818	70-80'	0.13
					5819	80-81'	0.13
2B	58W	West	20'	971'	5821	0-10'	0.28
					5822	10-20'	0.29
3	70'E	West	8'	985'	5823	0-8	0.05
3B	80 L.	West	20'	972'	5824	0-10'	0.05
					5825	10-20	0.04

Drill No.1

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>		<u>% Copper</u>
3C	B.L.	East	50'	965'	Sample 5826	0-10'	0.03
					5827	10-20'	0.05
					5828	20-30'	0.02
					5829	30-40'	0.05
					5830	40-50'	0.03
4	130 W	West	58'	1017'	5831	0-10'	0.16
					5832	10-20'	0.23
					5833	20-30'	0.10
					5834	30-40'	0.15
					5835	40-50'	0.18
					5836	50-58'	0.16
4B	210W	East	60'	1041	5837	0-10'	0.09
					5838	10-20'	0.12
					5839	20-30'	0.12
					5840	30-40'	0.16
					5841	40-50'	0.50
					5842	50-60'	0.20
5	210W.	West	100'	1041'	5843	0-10'	0.10
					5844	10-20'	0.10
					5845	20-30'	0.06
					5846	30-40'	0.06
					5847	40-50'	0.03
					5848	50-60'	0.09
					5849	60-70'	0.05
					5850	70-80'	0.04
					5851	80-90'	0.03
					5852	90-100'	0.02

Drill No.1

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>	<u>% Copper</u>	
6	B.L.	West	100'	994'	Sample 5853	0-10'	0.06
					5854	10-20'	0.04
					5855	20-30'	0.03
					5856	30-40'	0.04
					5857	40-50'	0.03
					5858	50-60'	0.02
					5859	60-70'	0.03
					5860	70-80'	0.04
					5861	80-90'	0.05
					5862	90-100'	0.07
7	70E	West	50'	980'	Sample 5863	0-10'	0.05
					5864	10-20'	0.04
					5865	20-30'	0.03
					5866	30-40'	0.03
					5867	40-50'	0.04
7B	10 L.	West	18'	983'	5868	0-10'	0.09
					5869	10-18'	0.04
7C	10E	East	50'	983'	5870	0-10'	0.07
					5871	10-20'	0.05
					5872	20-30'	0.13
					5873	30-40'	0.02
					5874	40-50'	0.04
8	65W.	West	65'	1008'	5875	0-10'	0.15
					5876	10-20'	0.07
					5877	20-30'	0.09
					5878	30-40'	0.13
					5879	40-50'	0.08
					5880	50-60'	0.07
					5881	60-65'	0.05

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>		<u>% Copper</u>
8 B	145W.	Last	50'	1015'	Sample 5882	0-10'	0.12
					5883	10-20'	0.09
					5884	20-30'	0.11
					5885	30-40'	0.12
					5886	40-50'	0.17
9	145 W.	West	70'	1015'	5887	0-10'	0.05
					5888	10-20'	0.08
					5889	20-30'	0.06
					5890	30-40'	0.12
					5891	40-50'	0.07
9B	200 L.	East	40'	1014	5892	50-60'	0.08
					5893	60-70'	0.09
					5894	0-10'	0.06
					5895	10-20'	0.06
					5896	20-30'	0.05
10	200W	West	10'	1014	5897	30-40'	0.06
					5898	0-10'	0.07
11	10'S B.L.	West	40'	999'	5899	0-10'	0.05
					5900	10-20'	0.09
					5901	20-30'	0.06
					5902	30-40'	0.09
11B	5'S 64W.	Last	30'	1012'	5912	0-10'	0.03
					5913	10-20	0.05
					5914	20-30'	0.05

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>		<u>% Copper</u>					
12 3°N	55 W	West	90°	1002'	Sample 5903	0-10'	0.10					
					5904	10-20'	0.06					
					5905	20-30'	0.06					
					5906	30-40'	0.05					
					5907	40-50'	0.06					
					5908	50-60'	0.05					
					5909	60-70'	0.05					
					5910	70-80'	0.10					
					5911	80-90'	0.06					
					13 10° S.	B.L.	East	88°	999'	5915	0-10'	0.04
										5916	10-20'	0.09
5917	20-30'	0.08										
5918	30-40'	0.06										
5919	40-50'	0.06										
5920	50-60'	0.05										
5921	60-70'	0.04										
5922	70-80'	0.05										
5923	80-88'	0.07										
13B. 5°S	65°E.	East	20°	990'						5924	0-10'	0.06
										5925	10-20'	0.03
14 3°s	60°E	East	40°	990'	5926	0-10'	0.05					
					5927	10-20'	0.09					
					5928	20-30'	0.05					
					5929	30-40'	0.06					
15 3N	220W	West	88°	1010'	5930	0-10'	0.06					
					5931	10-20'	0.06					
					5932	20-30'	0.06					
					5933	30-40'	0.03					
					5934	40-50'	0.03					
					5935	50-60'	0.03					
					5936	60-70'	0.04					
					5937	70-80'	0.02					
					5938	80-88'	0.02					

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Eleva.</u>	<u>Sampling & Results</u>		<u>% Copper</u>	
15B	5S	189° W.	East	20'	1017'	Sample 5946	0-10'	0.04
						5947	10-20'	0.03
16	3°N	191° W.	West	66'	1017'	5939	0-10'	0.05
						5940	10-20'	0.03
						5941	20-30'	0.04
						5942	30-40'	0.05
						5943	40-50'	0.03
						5944	50-60'	0.02
						5945	60-66'	0.03
17	110°S	115°E	West	20'	995	5948	0-10'	0.05
						5951	10-20'	0.03
17B	106°S	71E	East	100'	1002	5962	0-10'	0.04
						5963	10-20'	0.03
						5964	20-30'	0.04
						5965	30-40'	0.05
						5966	40-50'	0.02
						5967	50-60'	0.03
						5968	60-70'	0.04
						5969	70-80'	0.03
						5970	80-90'	0.03
						5971	90-100'	0.03
18	108°S	76°E	West	100'	1002	5952	0-10'	0.08
						5953	10-20'	0.06
						5954	20-30'	0.05
						5955	30-40'	0.04
						5956	40-50'	0.05
						5957	50-60'	0.05
						5958	60-70'	0.08
						5959	70-80'	0.04
						5960	80-90'	0.05
						5961	90-100'	0.04

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>		<u>% Copper</u>
19	110 S 145E	East	100'	990'	Sample 5972	0-10'	0.02
					5973	10-20'	0.04
					5974	20-30'	0.04
					5975	30-40'	0.05
					5976	40-50'	0.04
					5977	50-60'	0.03
					5978	60-70'	0.04
					5979	70-80'	0.07
					5980	80-90'	0.05
					5981	90-100'	0.04
					20	100 S 155E	North
5983	10-20'	0.06					
5984	20-30'	0.08					
5985	30-40'	0.05					
5986	40-50'	0.06					
5987	50-60'	0.07					
5988	60-70'	0.05					
5989	70-80'	0.06					
5990	80-85'	0.05					
21	110 S 2E	West	96'	1009'			
					5992	20-30'	0.03
					5993	30-40'	0.03
					5994	40-50'	0.03
					5995	50-60'	0.04
					6001	60-70'	0.05
					6002	70-80'	0.06
					6003	80-90'	0.02
					6004	90-96'	0.02
22	80 S 54W	West	70'	1021	6005	0-10'	0.04
					6006	10-20'	0.03
					6007	20-30'	0.03
					6008	30-40'	0.02
					6009	40-50'	0.02
					6010	50-60'	0.02
					6011	60-70'	0.04

<u>Hole.</u>	<u>Location</u>	<u>Br.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>			<u>% Copper</u>
23	107S 192L	East	70'	960'	Sample	6012	0-10'	0.04
						6013	10-20'	0.05
						6014	20-30'	0.04
						6015	30-40'	0.03
						6016	40-50'	0.05
						6017	50-60'	0.06
						6018	60-70'	0.06
						24	110S 235E	East
6020	10-20'	0.05						
6021	20-30'	0.06						
6022	30-40'	0.15						
6023	40-50'	0.08						
6024	50-60'	0.05						
	60-65'							
25	68S 289E	West	50'	983'	6025	0-10'	0.03	
					6026	10-20'	0.03	
					6027	20-30'	0.03	
					6028	30-40'	0.02	
					6029	40-50'	0.05	
26	70S 291L	West	40'	983'	6030	0-10'	0.02	
					6031	10-20'	0.02	
					6032	20-30'	0.02	
					6033	30-40'	0.03	
27	161N 210W	East	10'	1015'	6034	0-10'	0.15	
28	173'N. 210W.	N.	28'	1034'	6035	0-10'	0.02	
					6036	10-20'	0.02	
					6037	20-28'	0.06	
29	177 N. 214 W.	S.	10'	1055	6038	0-10'	0.02	

H₂O

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>	<u>% Copper</u>	
29B	177N 221W	S.	20'	1034	Sample 6039	0-10'	0.03
					6040	10-20'	0.03
29C	162N 225W	S10W	10'	1034	6041	0-10'	0.02
30	1162N 1196W	S	42'	1025	6151	0-10'	0.07
					6152	10-20'	0.05
					6153	20-30'	0.07
					6154	30-40'	0.03
31	1166N 1193W	N	30'	1025	6155	0-10'	0.05
					6156	10-20'	0.05
					6157	20-30'	0.05
32	1164N 1197W	W	40'	1025	6158	0-10'	0.02
					6159	10-20'	0.03
					6160	20-30'	0.03
					6161	30-40'	0.04
33	1209N 1242W	N	8'	1025	6162	0-8'	0.06
34	1212N 1240W	L	78'	1025'	6163	0-10'	0.06
					6164	10-20'	0.03
					6165	20-30'	0.05
					6166	30-40'	0.07
					6167	40-50'	0.05
					6168	50-60'	0.04
					6169	60-70'	0.06
					6170	70-78'	0.05
35	1211N 1240W	S	48'	1025'	6171	0-10'	0.05
					6172	10-20'	0.02
					6173	20-30'	0.03
					6174	30-40'	0.05
					6175	40-48'	0.05
36	1216 N. 1244W.	N.	30'	1025	6176	0-10'	0.07
					6177	10-20'	0.06
					6178	20-30'	0.05

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>		<u>% Copper</u>	
37	1232N, 1236W.	N	40'	1025	Sample	6179	0-10'	0.03
						6180	10-20'	0.06
						6181	20-30'	0.12
						6182	30-40'	0.09
38	1164N 1196W	E	26'	1025		6183	0-10'	0.02
						6184	10-20'	0.03
						6185	20-26'	0.07
39	1335N 1255W	N	10'	1025		6186	0-20'	0.05

PERCUSSION DRILLING

Drill No. 2 - All Holes Drilled at -45° dip.

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>	<u>% Copper</u>	
2-1	102N, 101 W.	North	40'	1018	Sample 6051	0-10'	0.03
					6052	10-20'	0.05
					6053	20-30'	0.05
					6054	30-40'	0.07
2-2	104N, 112W.	North	50'	1019	6055	0-10'	0.03
					6056	10-20'	0.03
					6057	20-30'	0.04
					6058	30-40'	0.07
					6059	40-50'	0.06
2-3	91N 102W	South	30'	1021	6060	0-10'	0.12
					6061	10-20'	0.12
					6062	20-30'	0.12
2-4	70N 108W	South	30'	1014	6063	0-10'	0.12
					6064	10-20'	0.12
					6065	20-30'	0.11
2-5	42N 110W	South	75'	1017	6066	0-10'	0.07
					6067	10-20'	0.12
					6068	20-30'	0.11
					6069	30-40'	0.07
					6070	40-50'	0.08
					6071	50-60'	0.09
					6072	60-70'	0.06
6073	70-75'	0.06					
2-6	64N 98W	North	20'	1011	6074	0-10'	0.11
					6075	10-20'	0.10

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>		<u>% Copper</u>
2-7	269N, 78E	West	80'	1023	Sample 6076	0-10'	0.04
					6077	10-20'	0.02
					6078	20-30'	0.02
					6079	30-40'	0.03
					6080	40-50'	0.04
					6081	50-60'	0.03
					6082	60-70'	0.03
6083	70-80'	0.03					
2-8	277N, 20E	West	55'	1028	6084	0-10'	0.10
					6085	10-20'	0.14
					6086	20-30'	0.09
					6087	30-40'	0.12
					6088	40-50'	0.12
					6089	50-55'	0.11
2-9	276N 54W.	East	30'	1039	6090	0-10'	0.11
					6091	10-20'	0.11
					6092	20-30'	0.08
2-10	278N 39W	East	20'	1042	6093	0-10'	0.07
					6094	10-20'	0.07
2-11	285N, 48W	North	20'	1039	6095	0-10'	0.09
					6096	10-20'	0-12
2-12	272N, 56W	West	30'	1042	6097	0-10'	0.08
					6098	10-20'	0.14
					6099	20-30'	0.36
2-13	275N, 72W	West	60'	1034	6101	0-10'	0.28
					6102	10-30'	0.21
					6103	20-30'	0.19
					6104	30-40'	0.14
					6105	40-50'	0.19
					6106	50-60'	0.16

<u>Hole No.</u>	<u>Location</u>	<u>Brg.</u>	<u>Depth</u>	<u>Elev.</u>	<u>Sampling & Results</u>		<u>% Copper</u>
2-14	1313N, 1265 W.	South	45'	1025	Sample 6107	0-10'	0.03
					6108	10-20'	0.05
					6109	20-30'	0.06
					6110	30-40'	0.07
					6111	40-45'	0.06
2-15	1310N 1262W	North	40'	1025	6112	0-10'	0.03
					6113	10-20'	0.06
					6114	20-30'	0.07
					6115	30-40'	0.07
2-16	1310N 1267W	West	30'	1025	6116	0-10'	0.11
					6117	10-20'	0.08
					6118	20-30'	0.08
2- 17	1313N 1260W	Last	50'	1025	6119	0-10'	0.05
					6120	10-20'	0.10
					6121	20-30'	0.06
					6122	30-40'	0.07
					6123	40-50'	0.06
2-18	1320N 1209W	Last	75'	1025	6124	0-10'	0.05
					6125	10-20'	0.03
					6126	20-30'	0.04
					6127	30-40'	0.05
					6128	40-50'	0.05
					6129	50-60'	0.05
					6130	60-70'	0.08
					6131	70-75'	0.06
2-19	1315N 1206W	South	35'	1025	6132	0-10'	0.04
					6133	10-20'	0.02
					6134	20-30'	0.03
					6135	30-35'	0.05

TRENCHES

<u>Trench No.</u>	<u>Location</u>	<u>Sampling & Results</u>		<u>% Copper</u>
1	LIN 100°W (Sampled from North to South)	Sample 6251	0-10'	0.08
		6252	10-20'	0.07
		6253	20-30'	0.11
		6254	30-40'	0.07
		6255	40-50'	0.11
		6256	50-60'	0.07
		6257	60-70'	0.06
		6258	70-80'	0.09
		6259	80-90'	0.05
		6260	90-100'	0.03
	to	6261	100-110'	0.05
		6262	110-120'	0.06
		6263	120-130'	0.06
		6264	130-140'	0.06
		6265	140-150'	0.05
		6266	150-160'	0.05
		6267	160-170'	0.04
		6268	170-180'	0.05
		6269	180-190'	0.04
		6270	190-200'	0.07
2	LO 54S 685W. (Sampled from	6271	0-10'	0.07
		6272	10-20'	0.04
		6273	20-30'	0.04
		6274	30-40'	0.05
		6275	40-50'	0.03
		6276	50-60'	0.04
	to	6277	60-70'	0.05
		6278	70-80'	0.03
		6279	80-90'	0.04
		6280	90-100'	0.03
		6281	100-110'	0.01
		6282	110-120'	0.02
LO + 77N 660W.	6283	120-125'	0.02	

TRENCHES

<u>Trench No.</u>	<u>Location</u>	<u>Sampling & Results</u>		<u>% Copper</u>
3	L.180 S, 1400W. Sampled from South to North to L.260 N. 1380W.	Sample 6284	0-10'	0.05
		6285	10-20'	0.02
		6286	20-30'	0.02
		6287	30-40'	0.02
		6288	40-50'	0.05
		6289	50-60'	0.05
		6290	60-70'	0.05
		6291	70-80'	0.05
		6292	80-90'	0.03
		6293	90-100'	0.02
		6294	100-180'	0.03
		6295	180-190'	0.03
		6296	190-200'	0.03
		6297	200-210'	0.06
		6298	210-220'	0.03
		6301	340-356'	0.19
		6302	330-340'	0.44
		6303	320-330'	0.19
		6304	310-320'	0.10
		6305	300-310'	0.06
4	1115N, 1237 W. (Sampled South to North) to 1193 N, 1220W.	6299	0-10'	0.05
		6300	10-20'	0.03
		6306	20-30'	0.05
		6307	30-40'	0.03
		6308	40-50'	0.04
		6309	50-60'	0.03
4A	1225 N. 1253W. (Sampled South to North) to 1278N, 1253W	6310	95-105'	0.05
		6311	105-115'	0.07
		6312	115-125'	0.10
		6313	125-135'	0.08
		6314	135-145'	0.08
		6315	145-150'	0.10

TRENCHES

<u>Trench No.</u>	<u>Location</u>	<u>Sampling & Results</u>		<u>% Copper</u>
4B	1285N, 1273 W. (Sampled from South to North) to 1342N, 1291W.	, Sample 6316	165°-175°	0.06
		6317	175-185°	0.05
		6318	185-195°	0.07
		6319	195-205°	0.08
		6320	205-215°	0.08
		6321	215-225°	0.15
5	1070N, 1044W. (Sampled South to North) to 1166N, 1060 W.	6322	0-10°	0.03
		6323	10-20°	0.05
		6324	20-30°	0.05
		6325	40-50°	0.05
		6326	50-60°	0.06
		6327	60-70°	0.07
		6328	70-80°	0.06
		6329	80-90°	0.04
		6330	90-100°	0.03
		6331	100-110°	0.03
5A	1241 N, 1098W. (Sampled from South to North 1274 N, 1110W.	6332	180-190°	0.06
		6333	190-200°	0.08
		6334	200-210°	0.08
		6335	210-215°	0.11
5B	1282N, 1125W. (Sampled from South to North) to 1348N, 1165W.	6336	230-240°	0.05
		6337	240-250°	0.07
		6338	250-260°	0.07
		6339	260-270°	0.08
		6340	270-280°	0.06
		6341	280-290°	0.03
		6342	290-300°	0.10
		6343	300-305°	0.05

<u>Trench No.</u>	<u>Location</u>	<u>TRENCHES</u>		<u>% Copper</u>		
		<u>Sample</u>	<u>Sampling & Results</u>			
5C	1387N, 1182W (Sampled South to North) to 1422N, 1235W.	6344	340-350'	0.06		
		6345	350-360'	0.06		
		6346	360-370'	0.03		
		6347	360-370'	0.02		
		6348	370-380'	0.06		
		6349	380-390'	0.05		
		6350	390-400'	0.03		
		6351	400-410'	0.04		
		6.	925N, 1295W (Sampled South to North) to 1133N, 1374W	6352	0-10'	0.02
				6353	10-20'	0.02
6354	20-30'			0.02		
6355	30-40'			0.02		
6356	40-50'			0.03		
6357	50-60'			0.05		
6358	60-70'			0.07		
6359	70-80'			0.03		
6360	80-90'			0.02		
6361	90-100'			0.05		
6362	100-110'			0.07		
6363	110'-120'			0.08		
6364	120-130'			0.06		
6365	130-140'			0.06		
6366	140-150'			0.05		
6367	150-160'			0.07		
6A	1142N, 1380W (Sampled South to North to 1175 N 1393 W)	6368	180-190'	0.04		
		6369	190-200'	0.02		
		6370	200-210'	0.02		
7.	929 N, 1365W (Sampled South to North) to 979N, 1373W.	6371	0-10'	0.07		
		6372	10-20'	0.05		
		6373	20-30'	0.03		
		6374	30-40'	0.02		
		6375	40-50'	0.03		

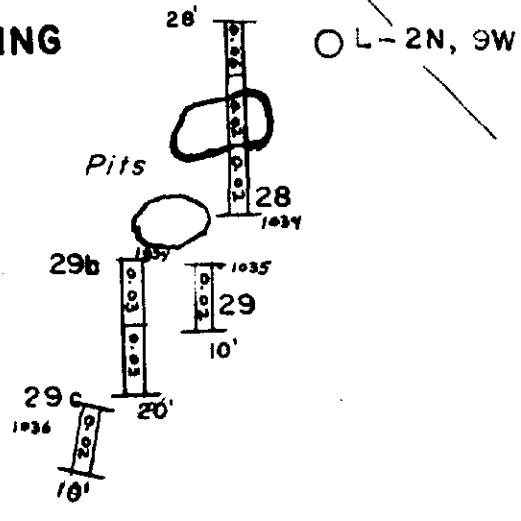
TRENCHES

<u>Trench No.</u>	<u>Location</u>	<u>Sampling & Results</u>		<u>% Copper</u>
7A	1000N, 1365W. (Sampled South to North) to 1091N, 1414W.	Sample 6376	70-80'	0.05
		6377	80-90'	0.05
		6378	90-100'	0.04
		6379	100-110	0.10
		6380	110-115'	0.27
8	1573N-1168W. (Sampled South to North) to 1620N 1240W.	6381	0-10'	0.05
		6382	10-20'	0.05
		6383	20-30'	0.07
		6384	30-40'	0.06
		6385	40-50'	0.07
		6386	50-60'	0.07
		6387	60-70'	0.08
		6388	70-80'	0.10
		6389	80-90'	0.06
		8A	1580N, 1265W to 1612N, 1288W.	6390
6391	140-150'			0.05
6392	150-160'			0.07
6393	160-170'			0.08
9	1733N, 1168W. (Sampled West to East to 1733N, 1098W			6394
		6395	10-20'	0.06
		6396	20-30'	0.05
		6397	30-40'	0.05
		6398	40-50'	0.03
		6399	50-60'	0.04
		6400	60-70'	0.05

TRENCHES

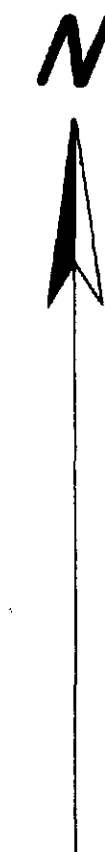
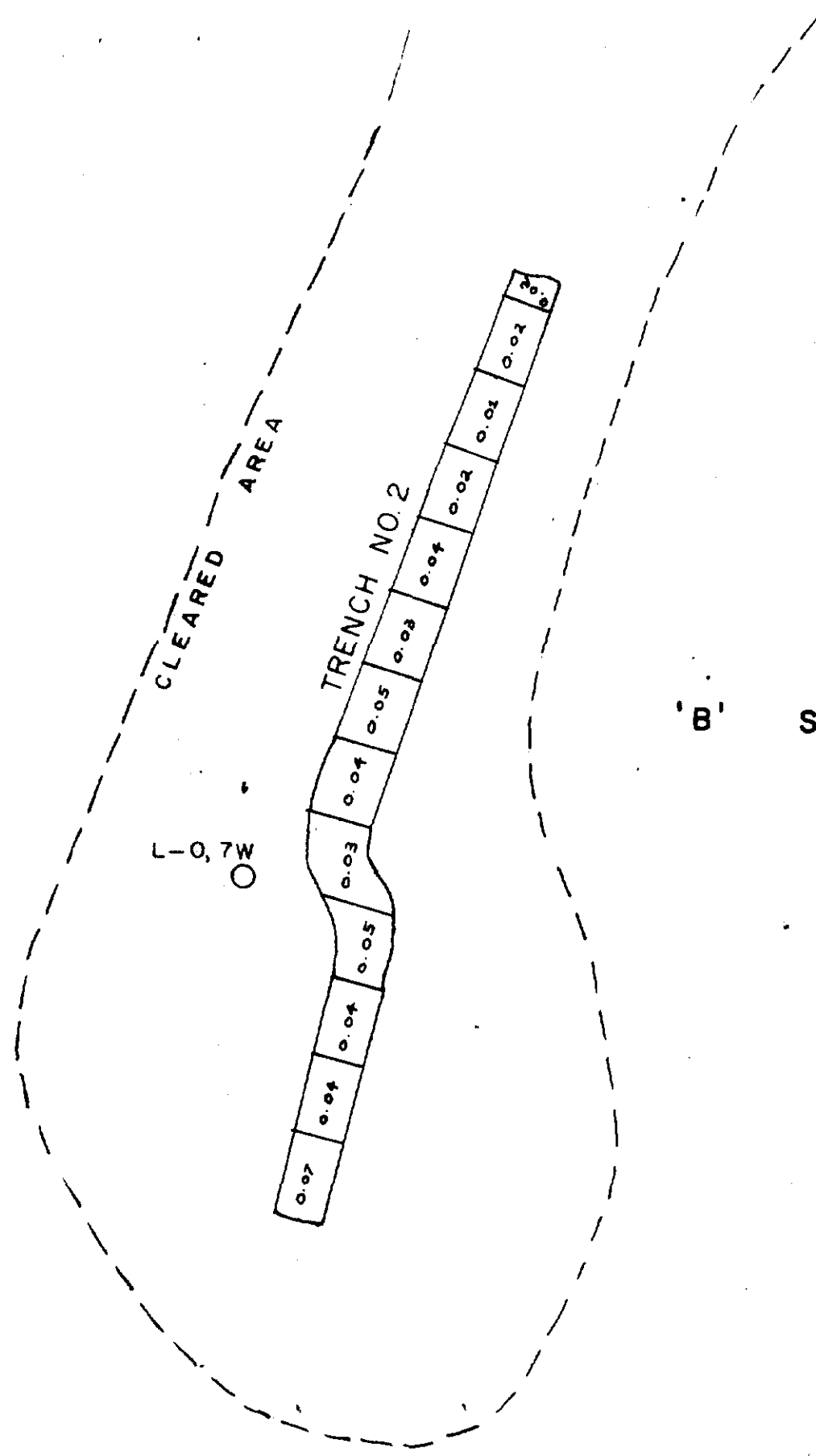
<u>Trench No.</u>	<u>Location</u>	<u>Sampling & Results</u>	<u>% Copper</u>
10	1332N, 1383 W. (Sampled South to North)	Sample 6401 0-10'	0.05
		6402 10-20'	0.06
		6403 20-30'	0.03
		6404 30-40'	0.03
		6405 40-50'	0.05
	to	6406 50-60'	0.06
	1400N,	6407 60-70'	0.05
	1425W.	6408 70-80'	0.05

'C' SHOWING



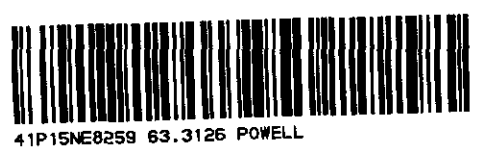
ROAD

'B' SHOWING

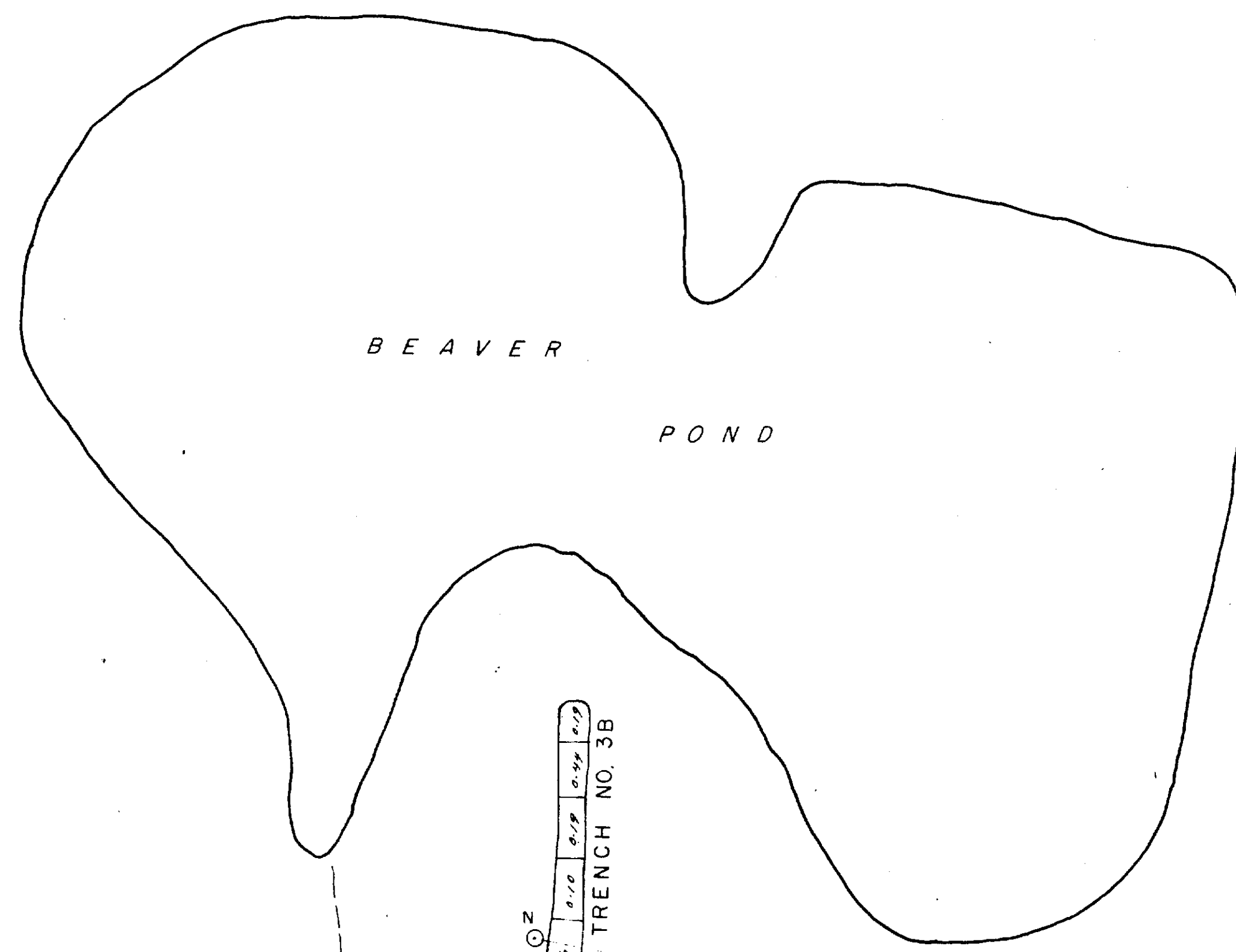


ASSAY PLAN - PERCUSSION
 DRILLING & TRENCHING
 'B' & 'C' SHOWINGS
MAJESTIC CONSTRUCTION LTD.
 POWELL TWP, ONT.
 SCALE: 1" = 20'

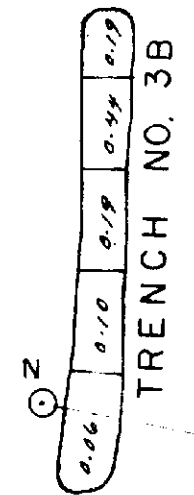
% Copper (Cu) plotted



Powell Nov 19/29



BEAVER
POND



TRENCH NO. 3B

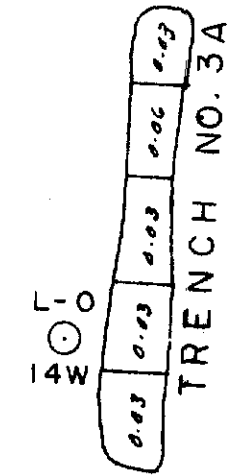
L-2N, 14W

L-2N, 13W

M

298' TO H

CLEARED AREA



TRENCH NO. 3A

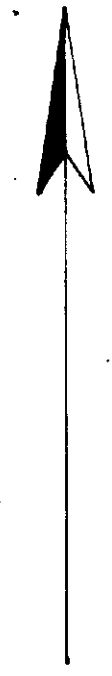
L-0, 13W

ROAD



TRENCH NO. 3

N



ASSAY PLAN - TRENCHING
'D' SHOWING

MAJESTIC CONSTRUCTION LTD.

POWELL TWP, ONT.
SCALE: 1" = 20'

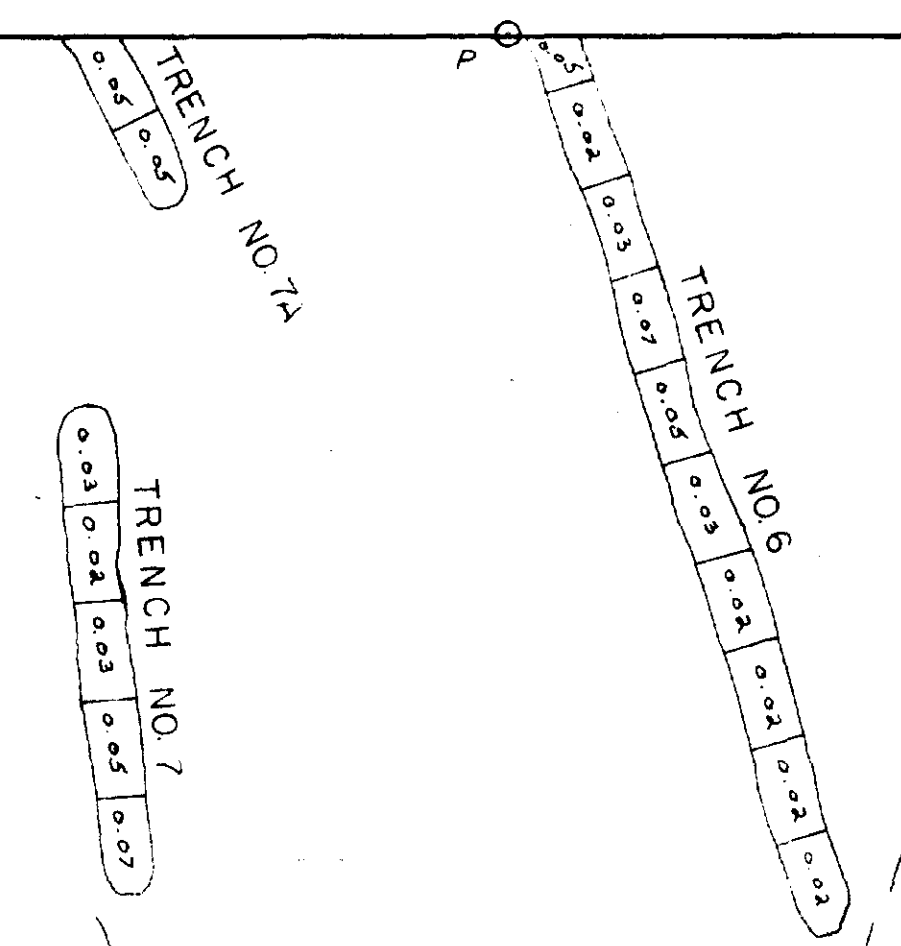
% Copper (Cu) plotted



Handwritten signature and date: Nov. 19/73

ASSAY PLAN - TRENCHING
'E' SHOWING
MAJESTIC CONSTRUCTION LTD.
POWELL TWP., ONT.
SCALE: 1" = 20'

% Copper (Cu) plotted



L-8N, 12W

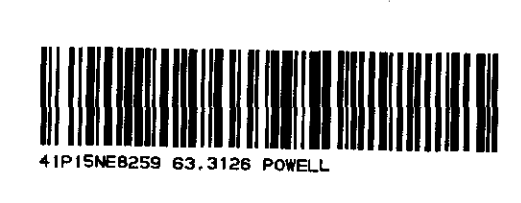
C₁₂₄₀

ROAD

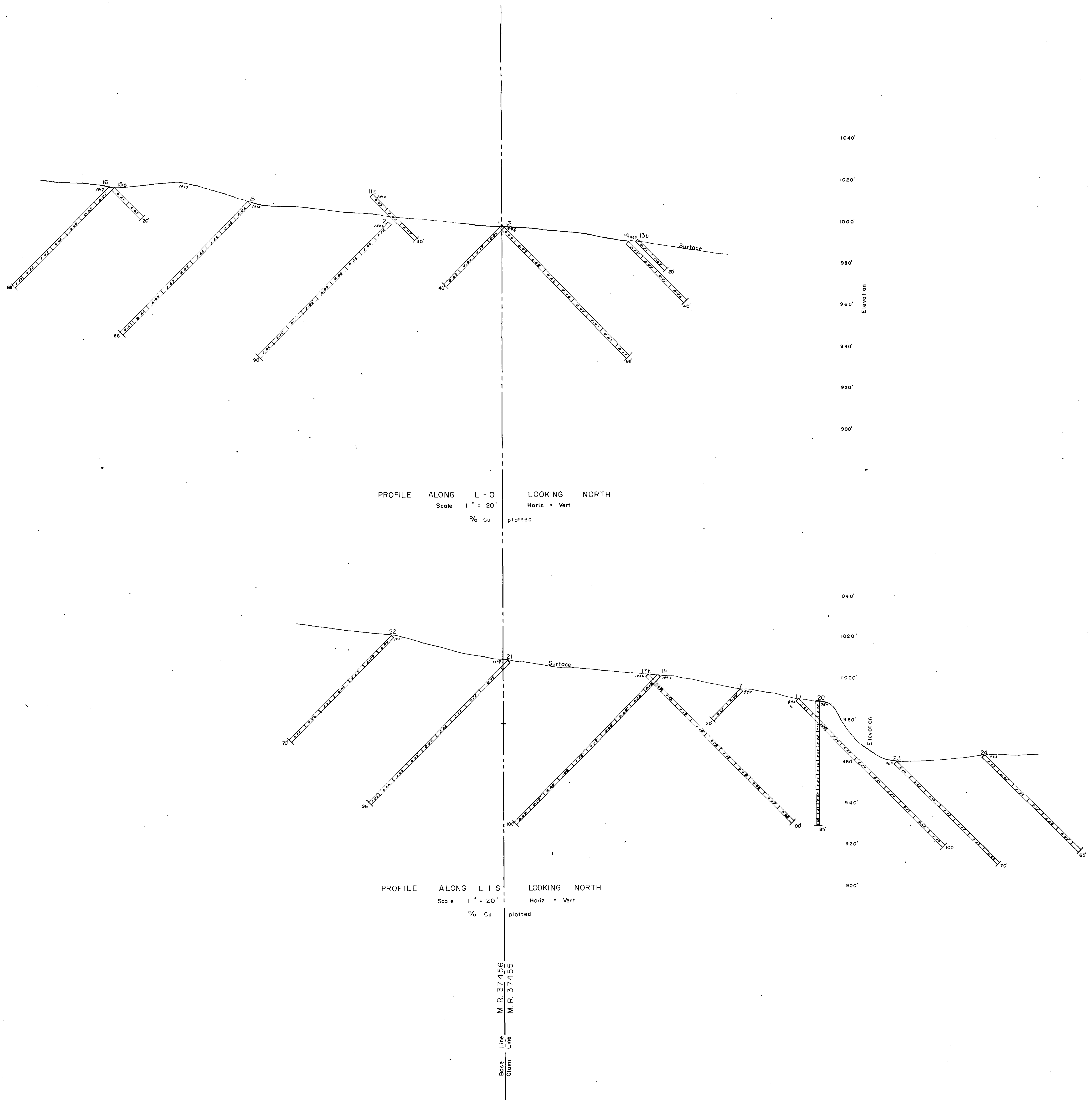
ROAD

529, 10, N

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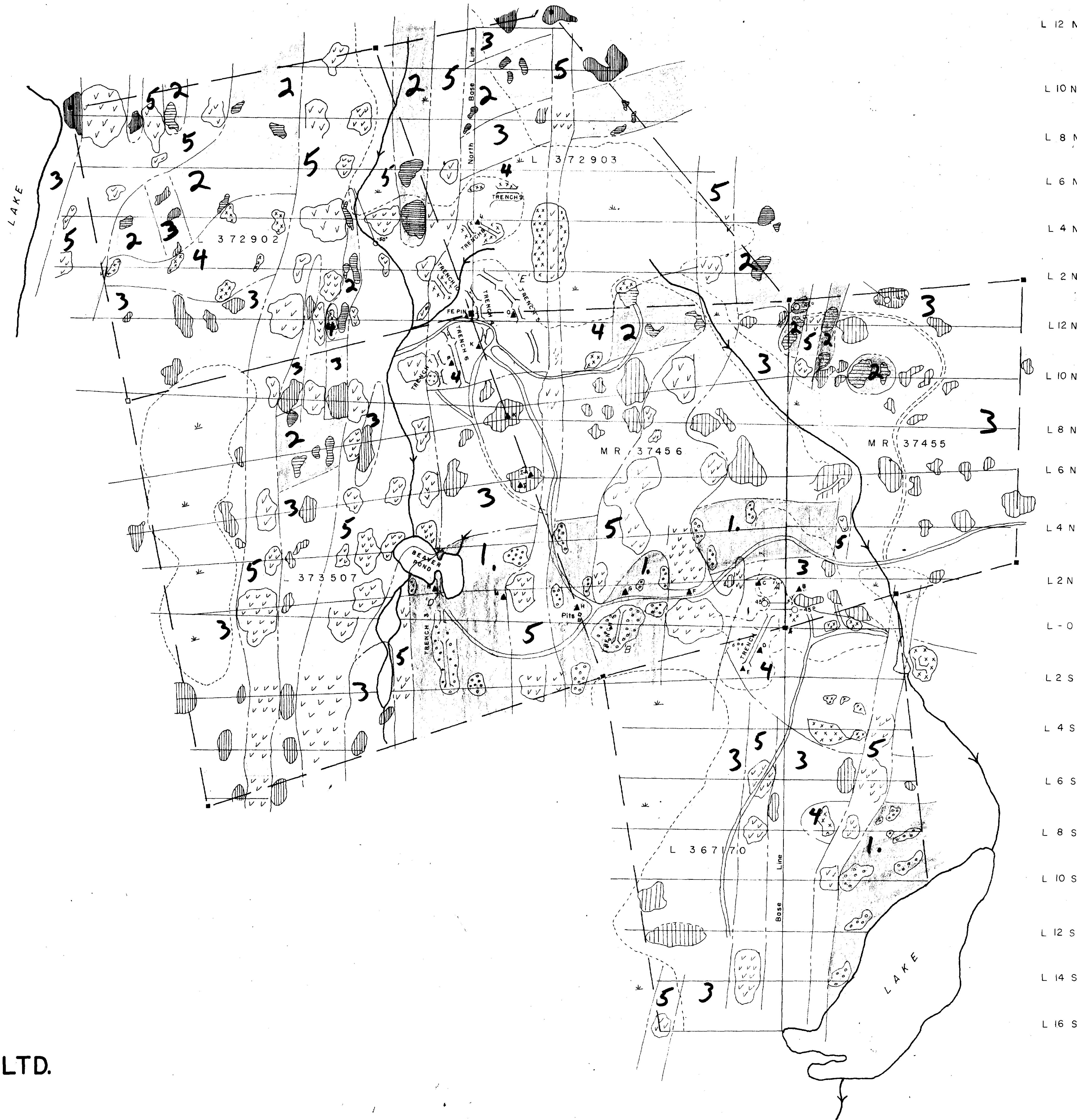


ASSAYS - PERCUSSION DRILLING
 PROFILE SECTIONS
MAJESTIC CONSTRUCTION LTD.
 POWELL TWP.
 ONT.



Phillips Nov 19/73

N



LEGEND

- 5 Diabase
- 4 Syenite porphyry
- 3 Coarse grained arkose
- 2 Fine grained argillite and slate
- 1 Conglomerate

SYMBOLS

- Geological contact
- Survey station
- Swamp
- Outcrop
- Creek
- Road
- Old road
- Trench
- Claim post and line
- Base and picket line
- Old diamond drill hole - results unknown

GEOLOGY MAP
MAJESTIC CONSTRUCTION LTD.
 POWELL TWP, ONT.

SCALE : 1" = 200'



L 12 N
 L 10 N
 L 8 N
 L 6 N
 L 4 N
 L 2 N
 L 12 N
 L 10 N
 L 8 N
 L 6 N
 L 4 N
 L 2 N
 L - 0
 L 2 S
 L 4 S
 L 6 S
 L 8 S
 L 10 S
 L 12 S
 L 14 S
 L 16 S

Shillan Nov. 1973



L 12 N
 L 10 N
 L 8 N
 L 6 N
 L 4 N
 L 2 N
 L 12 N
 L 10 N
 L 8 N
 L 6 N
 L 4 N
 L 2 N
 L - 0
 L 2 S
 L 4 S
 L 6 S
 L 8 S
 L 10 S
 L 12 S
 L 14 S
 L 16 S



Jim Creek

ELECTROMAGNETIC DATA

Station used - Jim Creek (186 kHz) readings taken facing north
 Dip profile 1/40" = 1% —————
 Quadrature profile 1/40" = 1% - - - - -
 Dip values recorded to the left
 Quadrature values recorded to the right
 Negative values plotted to the left
 Positive values plotted to the right
 Conductor axis ———

VLF - EM MAP
MAJESTIC CONSTRUCTION LTD.
 POWELL TWP., ONT.
 SCALE: 1" = 200'

