



42C16SW0016 2.1615 LIZAR

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2.1615
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PROJECTS UNIT

KELTIC MINING CORPORATION LIMITED

LIZAR TOWNSHIP PROPERTY

TIMMINS MINING DIVISION, ONT.

INTRODUCTION

The months of June, July and August, 1974 were occupied by the writer and three helpers in mapping and sampling the underground workings of the Lizar Township mining property. This report is concerned with a description of the work accomplished during the summer and an evaluation of the results of this work.

PROPERTY LOCATION AND ACCESS

The property is located on the west shore of Kabinakagami Lake, and extends inland in a southwesterly direction. The mine shaft is near the lake shore, about a quarter mile east of the mouth of Bear Creek. The town of White River is roughly 40 miles to the south west, and highway # 631, connecting White River with Hornpayne, passes about 14 miles west of the claim group. There is no road connecting the property with Highway # 631; so the most convenient means of access is by means of a float plane. White River Air Services from White River, Ont., or Wawa.

DESCRIPTION OF PROPERTY

The property consists of a group of 81 contiguous mining claims of approx. 40 acres each, a total of 3240 acres, more statistically described as :

Claim No.'s 82981 - 89 inclusive. (9)

83323 - 25 inclusive. (3)

Registration: Primrock Mining & Exploration Limited.

Claim No.'s 321645 - 54 incl. (10)

Registration: Roy Wm. Mc Carthy.

Claim No.'s 321036 - 41 incl. (6)

Registration: Roy Wm. Mc Carthy.

Claim No.'s 359640 - 58 Incl. (19)

359690 - 98 Incl. (9)

Registration: Keltic Mining Corp. Ltd.

Claim No.'s 359705 - 29 Incl. (25)

Registration: Keltic Mining Corp. Ltd.

There are two cabins on the property, and both were used during the summer for accommodation.

DESCRIPTION OF EQUIPMENT & PUMPING PROCEDURE

The underground mine workings were dewatered between June 5th. and June 11th., using two high head Flygt pumps, (Model B 2151). They were connected in tandem to a 4 " aluminum pipe. The upper pump was located at the 150' horizon, and the lower pump was placed 135' below; about 10 ' below the 275' or bottom level. This arrangement pumped about 250 gals. per minute when the water was at the 275' level. Pumping approx. 3 hours after an 8 hour shutdown kept the mine dry. The pumps were each powered by a built-in 30 H.P. electric motor, which in turn was driven by a 60 K.W. diesel generator.

An auxiliary 4 K.W. diesel generator was used to provide lighting at the surface in the vicinity of the headframe and to recharge the mine lamps.

SAMPLING PROCEDURE

Compressed air at 110 psi was provided in the mine by a gasoline engine driven air compressor rated at 85 cfm. The compressed air was used to drive an Atlas Copco DKR 32 chipping hammer to sample the walls and backs of the cross-cuts and drifts.

Samples 101 - 74 to 124 - 74 were taken along the wall of the cross-cut on the 150' level and designed to test the total width of the granodiorite sill in an attempt to determine the possible presence of any zones of low grade gold bearing mineralization outside the veins in the granodiorite.

The remainder of the samples, on the 150' and 275' levels, were taken across the backs of the drifts and across the backs of the stopes where present, at 10' intervals where possible, in order to establish the location of ore shoots in the veins.

MAPPING PROCEDURE

The underground levels were mapped by means of taking Brunton compass bearings and chaining between survey points. This method, in the absence of a transit survey, provides a sufficiently accurate base for the purpose of plotting the samples and assay results of an initial program such as this.

GEOLOGY

A greenstone belt, some three miles in width, and striking in a northeasterly direction across Lizar Township, has been altered and intruded by younger granite as well as diabase and lamprophyre dikes.

The mine workings are mostly within a granodiorite intrusive about 400' wide within the greenstone belt. This granodiorite is a sill-like structure that conforms to the strike of the greenstone, and dips very slightly to the south. The granodiorite is cut by diabase dikes that strike 10 to 20 degrees west of north and dip slightly to the west. They vary in width from 50 to 150', and may have been displaced by later faulting as indicated by the lack of alignment of the shaft dike from the shaft to the south mine workings. (see plans)

Smaller lamprophyre dikes cut the granodiorite, and are quite irregular in their occurrence.

A quartz-porphry sill, 4' to 5' wide, cuts the greenstone just north of the granodiorite.

MINERALIZATION

A rather consistent altered zone four to five feet wide near the south contact of the granodiorite, has been the principal area in which the search for ore had been concentrated. The alteration may consist merely of a rearrangement of the crystal structure near the boundaries of the zone, but at the centre, it is characterized by white to milky quartz stringers one to several inches wide, separated by seams of sericite, not more than one eighth to a quarter of an inch thick.

The only sulphide present is pyrite, usually in the form of very small cubes, and sparsely disseminated throughout the altered zones.

The gold mineralization occurs as fine, - scarcely visible to the naked eye, - specks of native gold in milky quartz. It was noted on the 275' level - by visual inspection of the veins in the backs of the drift and stopes, - for about 20' east and west of survey point # 214. Farther west, erratic gold was also observed from survey point # 217 to about 15' west of survey point # 219.

On the 150' level, gold occurs on the back of the stope directly east of survey point # 120.

If this mineralization is continuous with that on the 275' level, it would indicate a gold bearing zone that plunges, approximately 55 degrees to the south west. Also the more extensive mineralization on the 275' level, may suggest that the mine workings are at the top of the gold bearing zone.

CONCLUSIONS

The sampling results, as shown on the accompanying plans, have indicated that while the gold bearing zones are not extensive, there are some areas that do carry gold mineralization. The larger area of gold mineralization on the bottom. (275') level, may indicate that the values do improve at greater depth, and the necessity of deeper exploration is suggested.

The sampling has also revealed that the gold values have nothing to do with the pyrite mineralization, and appears to be later. This suggests that the gold should be a free milling type of mineralization.

RECOMMENDATIONS.

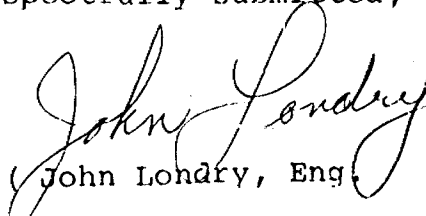
It is recommended that a diamond drill program be undertaken from surface to test the downward continuation of the gold mineralization at the 500' horizon.

A series of five 600 ' holes, drilled at an angle of 60 Deg. and spaced at 100' intervals along the strike of the zone, will indicate whether the zone extends deeper and mineralization more consistent.

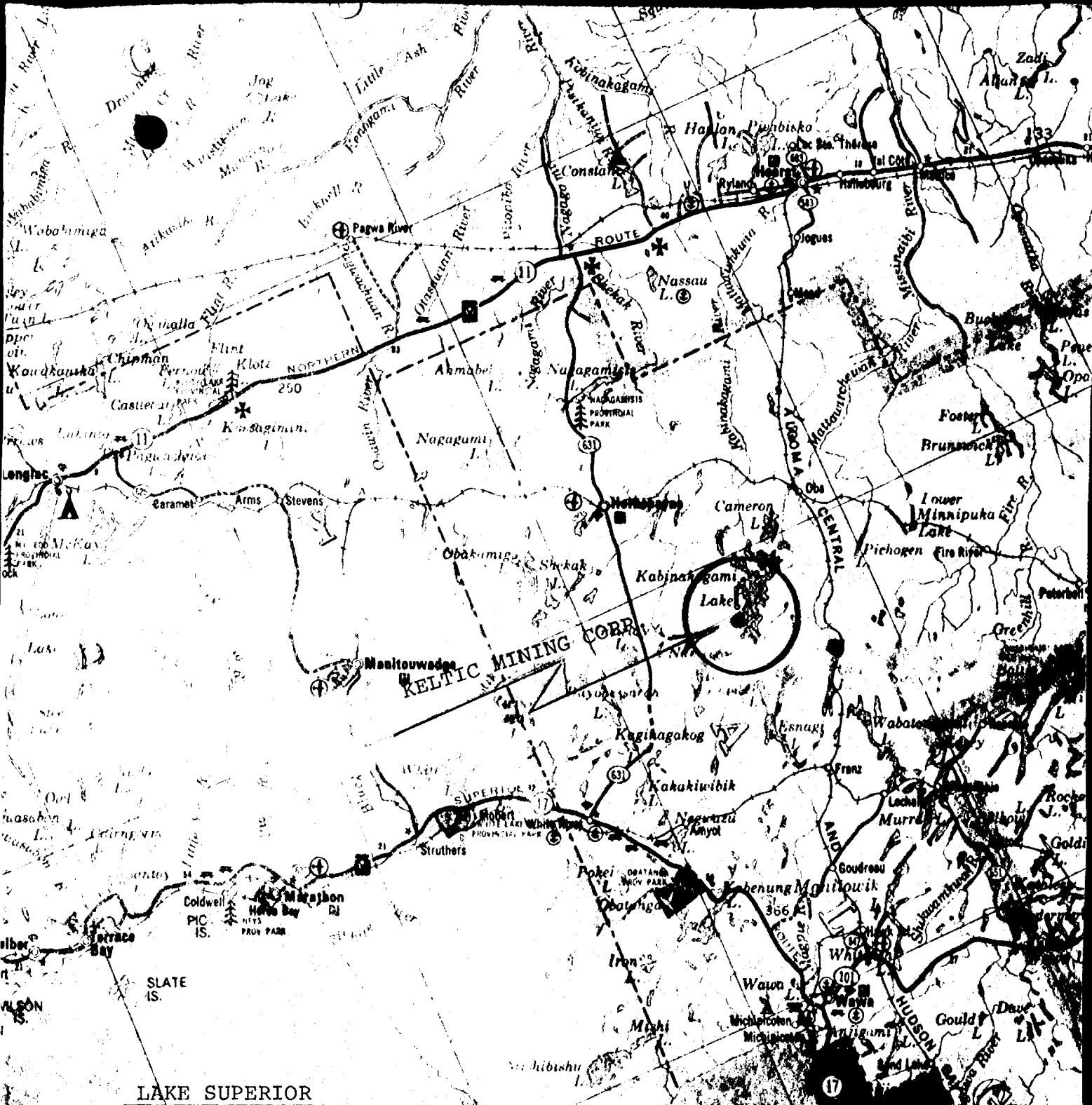
The estimated cost of this drilling program is as follows:

3000 ' of diamond drilling @ \$10.00 per ft.	\$ 30,000.
Supervision and engineering	2,000.
Travelling	1,000.
Contingency	<u>3,000.</u>
Total	36,000.

Respectfully submitted,


John Londry, Eng.

Qualifications 2.1509



LAKE SUPERIOR

Key Map
Keltic Mining Corp., Ltd.

MICHIGAN
ISLAND

Scale 1" = 22 miles (approx.)

SSM 321038

SSM 321037

SSM 321649

SSM 82987

SSM 82986

SSM 82981

Mine Shaft

SSM 82989

SSM 82982

SSM 82983

KABINAKAGAMI LAKE

SSM 321036

SSM 82985

KELTIC MINING CORPORATION LTD.

**

LIZAR TWP. PROPERTY.
DISTRICT OF ALGOMA, ONTARIO.

** Plan showing underground workings in relation to claims.

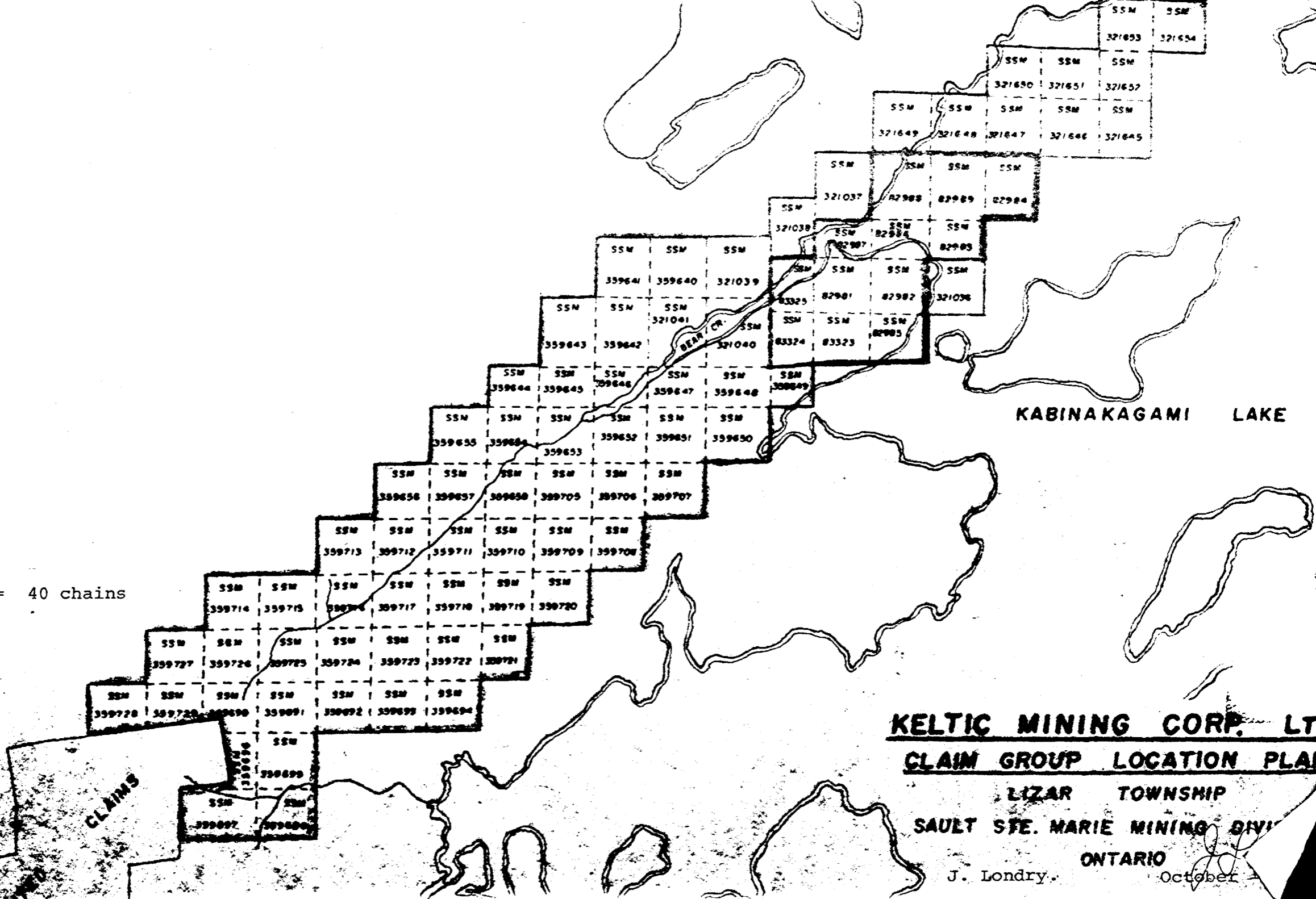
Scale. 1" = 400'

J. Londry, Eng.
October 1974.

J. Londry



Scale 1" = 40 chains



KELTIC MINING CORP. LTD.
CLAIM GROUP LOCATION PLAN

LIZAR TOWNSHIP
SAULT STE. MARIE MINING DIV.

ONTARIO
J. Londry. October

INVOICE

X-RAY ASSAY LABORATORIES

LIMITED

45 LESMILL ROAD

DON MILLS ONTARIO

445-5755

Keltic Mining Corporation,
17 Queen St. E. Suite 342.
Toronto, Ontario.
Attn" Mr. Ouest

DATE June 24, 1974

INVOICE No 163

ASSAY REPORT NO

163

ITEM		PRICE	AMOUNT
2	Gold & Silver	@9.90	\$15.00
1	Gold		4.00
			<hr/>
			\$19.00

TERMS. NET 30 DAYS



SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corp.,
Suite 342,
17 Queen St. East,
TORONTO? Ontario
M5C 1P9

1974

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1127	101-74	Trace						
1128	102-74	Trace						
1129	103-74	Trace						
1130	?	0.01	0.18	(Unable to make out number of ticket)				
1131	?	Nil		(" " " " " ")				
1132	106-74	Nil						
1133	107-74	Trace						
1134	108-74	Trace						
1135	109-74	Trace						
1136	110-74	Nil						
1137	111-74	0.01						
1138	100-A1	0.02	0.99	(2')	No.2			
1139	100-A2	0.03	2.06	(2'- 6")	No.1			

DATE July 9, 1974

SUDBURY ASSAY OFFICE
PER *Joe Weber*

A DIVISION OF ASSAYERS LIMITED — QUEBEC: 183 Gamble St. W., P.O. Box 665, Rouyn, J9X 2R8, Tel: 819-762-3010 — ONTARIO: 44 Victoria Street, Suite 410, Toronto, M5C 1Y2, Tel: 416-366-3100

"SERVING INDUSTRY FOR OVER 35 YEARS"





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ANALYTICAL CHEMISTS -- ASSAYERS -- SHIPPERS' REPRESENTATIVES -- CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Mr. Carl A. Wuest, Presd.
Keltic Mining Corporation,
Suite 342,
17 Queen St. East,
TORONTO, Ontario.

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1234	112-74	0.01						
1235	113-74	Trace						
1236	114-74	Trace						
1237	115-74	Trace						
1238	116-74	Nil						
1239	117-74	0.03						
1240	118-74	Nil						
1241	119-74	Trace						
1242	120-74	Trace						
1243	121-74	0.02						
1244	122-74	Trace						
1245	123-74	Trace						
1246	124-74	Nil						
1247	125-74	Trace						
1248	126-74	0.01						
1249	127-74	0.01						
1250	128-74	Trace						
1251	129-74	0.02						

DATE

July 31, 1974

SUDBURY ASSAY OFFICE

PER





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #2

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1252	130-74	Trace						
1253	131-74	0.02						
1254	132-74	0.02						
1255	133-74	Trace						
1256	134-74	0.01						
1257	135-74	Trace						
1258	136-74	Trace						
1259	137-74	0.04						
1260	138-74	Trace						
1261	139-74	Trace						
1262	140-74	Trace						
1263	141-74	0.03						
1264	142-74	0.59						
1265	143-74	0.08						
1266	144-74	0.07						
1267	145-74	0.04						
1268	146-74	0.15						
1269	147-74	0.74						

DATE

July 31, 1974

SUDBURY ASSAY OFFICE

PER





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ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #3

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1270	148-74	0.44						
1271	149-74	Trace						
1272	150-74	0.64						
1273	151-74	0.01						
1274	152-74	0.01						
1275	153-74	0.04						
1276	154-74	0.04						
1277	155-74	Trace						
1278	156-74	0.02						
1279	157-74	Trace						

DATE July 31, 1974

SUDBURY ASSAY OFFICE
PER

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ANALYTICAL CHEMISTS - ASSAYERS - SHIPPERS' REPRESENTATIVES - CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #4

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1280	8201 ^(158-7A)	Trace						
1281	8202	Nil						
1282	8203 ^(160-7A)	0.03						
1283	8204	Trace	Nil					
1284	8205	0.02						
1285	8206	0.02						
1286	8207	Trace						
1287	8208	0.05	Nil					
1288	8209	Trace						
1289	8210	Trace						
1290	8211	Nil						
1291	8212	0.04	Nil					
1292	8213 ^(170-7A)	0.02						
1293	8214	0.02						
1294	8215	0.07						
1295	8216	0.03	Nil					
1296	8217	0.03						
1297	8218 ^(175-7A)	Trace						

DATE

July 31, 1974

SUDBURY ASSAY OFFICE

PER

Steve Walker





SUDBURY ASSAY OFFICE

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ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #5

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1298	8219 ⁽¹⁷⁶⁻⁷⁴⁾	Trace						
1299	8220 ⁽¹⁷⁷⁻⁷⁴⁾	Nil	Nil					
1300	8221 ⁽¹⁷⁸⁻⁷⁴⁾	Trace						
1301	⁽²⁰¹⁻⁷⁴⁾ 8222	0.04						
1302	8223	0.28						
1303	8224	0.04	0.02					
1304	8225	0.04						
1305	8226	0.05						
1306	8227	Trace						
1307	8228	Trace	0.08					
1308	8229	0.02						
1309	8230	Nil						
1310	⁽²¹⁰⁻⁷⁴⁾ 8231	0.02						
1311	8232	0.03	0.01					
1312	8233	0.04						
1313	8234	Trace						
1314	8235	0.04						
1315	⁽²¹⁵⁻⁷⁴⁾ 8236	0.03	0.14					

DATE

July 31, 1974

SUDBURY ASSAY OFFICE

PER

Joe Webber





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
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ANALYTICAL CHEMISTS - ASSAYERS - SHIPPERS' REPRESENTATIVES - CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #6

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1316	(216-74) 8237	0.06						
1317	8238	0.05						
1318	8239	0.04						
1319	8240	0.02	0.04					
1320	(220-74) 8241	0.04						
1321	8242	0.06						
1322	8243	0.05						
1323	8244	0.04	0.10					
1324	8245	0.02						
1325	8246	0.04						
1326	8247	0.01						
1327	8248	0.01	Nil					
1328	8249	0.02						
1329	8250	Trace						
1330	(230-74) 8251	0.02						
1331	8252	0.02	0.02					
1332	8253	Trace						
1333	(233-74) 8254	0.04						

DATE

July, 31, 1974

SUDBURY ASSAY OFFICE

PER

Joe Walker





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
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ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #7

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1334	(234-74) 8255	0.12						
1335	8256	Trace	0.02					
1336	8257	0.18						
1337	(237-74) 8258	Trace						

DATE
July 31, 1974

SUDBURY ASSAY OFFICE

PER

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ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Mr. Carl A. Wuest, Pres.
Keltic Mining Corporation,
Suite 342,
17 Queen Street East,
TORONTO, Ontario.

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1461	(238-7A) 8259	0.02						
1462	8260	0.02						
1463	(240-7A) 8261	Trace						
1464	8262	0.04						
1465	8263	0.03						
1466	8264	0.06						
1467	8265	0.04						
1468	8266	0.02						
1469	8267	0.04						
1470	8268	0.03						
1471	8269	0.02						
1472	8270	0.02						
1473	(250-7A) 8271	0.02						
1474	8272	0.04						
1475	8273	0.03						
1476	8274	0.08						
1477	(254-7A) 8275	0.02						
1478	(256-7A) 8276	0.04						

DATE

August 15, 1974

SUDBURY ASSAY OFFICE

PER

Joe Wuest





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #2

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1479	(257-74) 8277	0.02						
1480	8278	0.03						
1481	8279	0.04						
1482	(260-74) 8280	0.03						
1483	8281	0.04						
1484	8282	0.03						
1485	8283	0.03						
1486	8284	0.04						
1487	8285	0.05						
1488	8286	0.03						
1489	8287	0.10						
1490	8288	0.04						
1491	8289	0.04						
1492	(270-74) 8290	0.05						
1493	8291	0.04						
1494	8292	0.04						
1495	8293	0.02						
1496	(274-74) 8294	0.02						

DATE August 15, 1974

SUDBURY ASSAY OFFICE

PER *Joe Walker*





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
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ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #3

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1497	(275-74) 8295	0.17						
1498	8296	0.03						
1499	8297	2.02						
1500	8298	0.39						
1501	8299	0.04						
1502	(280-74) 8300	0.08						
1503	8301	0.02						
1504	8302	0.04						
1505	8303	0.07						
1506	8304	0.05						
1507	8305	0.25						
1508	8306	0.87						
1509	8307	0.04						
1510	8308	0.07						
1511	8309	0.68						
1512	(290-74) 8310	0.05						
1513	8311	0.10						
1514	(292-74) 8312	0.10						

DATE August 15, 1974

SUDBURY ASSAY OFFICE

PER *Joe Walker*





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS -- ASSAYERS -- SHIPPERS' REPRESENTATIVES -- CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #4

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1515	(293-74) 8313	1.68						
1516	8314	0.06						
1517	8315	0.03						
1518	8316	0.26						
1519	8317	0.02						
1520	8318	0.03						
1521	8319	0.04						
1522	(300-74) 8320	0.02						
1523	8321	0.02						
1524	8322	0.03						
1525	8323	0.03						
1526	8324	0.03						
1527	8325	0.04						
1528	8326	0.02						
1529	8327	Trace						
1530	8328	0.01						
1531	8329	0.04						
1532	(310-74) 8330	0.04						

DATE

August 15, 1974

SUDBURY ASSAY OFFICE

PER

[Handwritten Signature]





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS -- ASSAYERS -- SHIPPERS' REPRESENTATIVES -- CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #5

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1533	(311-74) 8331	0.04						
1534	8332	0.03						
1535	8333	0.08						
1536	8334	0.08						
1537	8335	0.12						
1538	8336	0.08						
1539	8337	1.22						
1540	8338	0.26						
1541	8339	0.08	(Check Assay	0.08)				
1542	(320-74) 8340	0.30	"	"	0.29			
1543	8341	0.04	"	"	0.04			
1544	8342	0.03	"	"	0.04			
1545	8343	0.07	"	"	0.06			
1546	8344	1.40	"	"	1.39			
1547	8345	0.04	"	"	0.04			
1548	8346	0.03						
1549	8347	0.03						
1550	(328-74) 8348	Trace						

DATE

August 15, 1974

SUDBURY ASSAY OFFICE

PER

Joe Wheeler





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS -- ASSAYERS -- SHIPPERS' REPRESENTATIVES -- CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

Sheet #6

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1551	(329-74) 8349	0.01						
1552	8350	Trace						
1553	(331-74) 8351	0.60						
CHECK ASSAYS REQUESTED BY Mr. C.A. Wuest								
1312	8233	0.04	Original Assay	0.04				
1316	8237	0.05	"	"	0.06			
1320	8241	0.04	"	"	0.04			
1324	8245	0.01	"	"	0.02			
1328	8249	0.02	"	"	0.02			
1332	8253	0.01	"	"	Trace			

DATE

August 15, 1974

SUDBURY ASSAY OFFICE

PER

[Signature]





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS -- ASSAYERS -- SHIPPERS' REPRESENTATIVES -- CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Mr. Carl A. Wuest, Presd.
Keltic Mining Corporation,
Suite 342,
17 Queen Street East,
TORONTO, Ontario.

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1639	(332-74) 8352	0.01						
1640	8353	Trace						
1641	8354	0.02						
1642	8355	0.01						
1643	8356	Trace						
1644	8357	Trace						
1645	8358	0.01						
1646	8359	Trace						
1647	(343-74) 8360	0.05						
1648	8361	0.08						
1649	8362	0.03						
1650	8363	0.01						
1651	8364	0.27						
1652	8365	0.06						
1653	8366	0.05						
1654	8367	0.01						
1655	8368	0.02						
1656	(349-74) 8369	0.01						

DATE August 29, 1974

SUDBURY ASSAY OFFICE

PER 





SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

CERTIFICATE OF ANALYSIS

FOR Keltic Mining Corporation

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %			
1657	(350-74) 8370	0.02						
1658	8371	Trace						
1659	8372	0.01						
1660	8373	0.01						
1661	8374	0.05						
1662	8375	0.01						
1663	8376	0.01						
1664	8377	Trace						
1665	8378	0.01						
1666	8379	0.02						
1667	(360-74) 8380	0.17						
1668	8381	0.03						
1669	8382	0.01						
1670	8383	0.02						
1671	8384	0.13						
1672	8385	Trace						
1673	(366-74) 8386	0.02						

DATE

August 29, 1974

SUDBURY ASSAY OFFICE

PER

A DIVISION OF ASSAYERS LIMITED — QUEBEC: 183 Gamble St. W., P.O. Box 665, Rouyn, J9X 2R8, Tel: 819-762-3010 — ONTARIO: 44 Victoria Street, Suite 410, Toronto, M5C 1Y2, Tel: 416-598-3100

"SERVING INDUSTRY FOR OVER 35 YEARS"



X-RAY ASSAY LABORATORIES

LIMITED

45 LESMILL ROAD

DON MILLS ONTARIO M3B 2T8

445-8788

Certificate of Analysis

NO. 163 PAGE 1 of 1

TO. Keltic Mining Corporation,
17 Queen Street East, Suite 342,
TORONTO, Ontario.
ATTENTION: Mr. Ouesst

RECEIVED June 20, 1-74

INVOICE NO. 163

SAMPLE(S) OF 3 rock

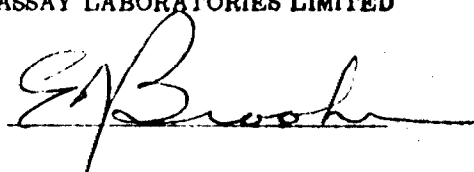
SUBMITTED TO US SHOW RESULTS AS FOLLOWS:

<u>Sample No.</u>	<u>Au oz./ton</u>	<u>Ag oz./ton</u>
1	Trace	Trace
2	0.01	
3	0.08	Trace

X-RAY ASSAY LABORATORIES LIMITED

DATE June 24, 1974

CERTIFIED BY



ASSAYERS - ANALYTICAL CHEMISTS - SPECTROGRAPHERS



SUDBURY ASSAY OFFICE

TEL: 705-673-1953
256 OAK STREET
SUDBURY, ONTARIO
P3C - 1M9

ANALYTICAL CHEMISTS — ASSAYERS — SHIPPERS' REPRESENTATIVES — CONSULTANTS

In Account With

INVOICE

August 15, 1974

Keltic Mining Corporation,
Suite 342,
17 Queen Street East,
TORONTO, Ontario

Attn: Mr. Carl A. Wuest, Pres.

No. of Assays	DESCRIPTION	Rate	\$	c
93	Assays for Gold	4.00	372.00	
6	Check Assays for Gold	4.00	24.00	
	Handling Charges per Sample (93)	.50	46.50	
	Extra Charges on 57 Samples due to their Size and Condition DRYING and CRUSHING	1.00	57.00	
	TOTAL		499.50	

A DIVISION OF ASSAYERS LIMITED — QUEBEC: 183 Gamble St. W., P.O. Box 665, Rouyn, J9X 2R8, Tel: 819-762-3010 — ONTARIO: 44 Victoria Street, Suite 410, Toronto, M5C 1Y2, Tel: 416-366-3100

"SERVING INDUSTRY FOR OVER 35 YEARS"





42C16SW0016 2.1615 LIZAR

900

Recorded Holder Keltic Mining Corporation Limited
Township or Area Lizar Township

Type of survey and number of Assessment days credit per claim	UNDERGROUND MAPPING AND SAMPLING PROGRAM
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Section 86 (18) <u>see across</u> days Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/>	Location of Mine Shaft and Cross-cuts: Mining Claims - SSM. 82982 82983 82986 Cost of Assaying = \$1,213.00 Total assessment days credit allowed = 80.8 The above 3 mining claims may be grouped under Section 85 (6) of The Mining Act, for the purposes of recording the work credits of <u>80.8 days</u> .
Notice of Intent to be issued: <input checked="" type="checkbox"/> Credits have been reduced because of insufficient material. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant. <input type="checkbox"/> No credits have been allowed for the following mining claims as they were not sufficiently covered by the survey: _____ _____ _____ _____ _____	

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

Lipton Twp (M-1298)

Derry Twp. (M-1243)

THE TOWNSHIP OF

2:16

LIZAR

DISTRICT OF ALGOMA

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAIN

LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KINGS HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSHES
- MINES
- CANCELLED

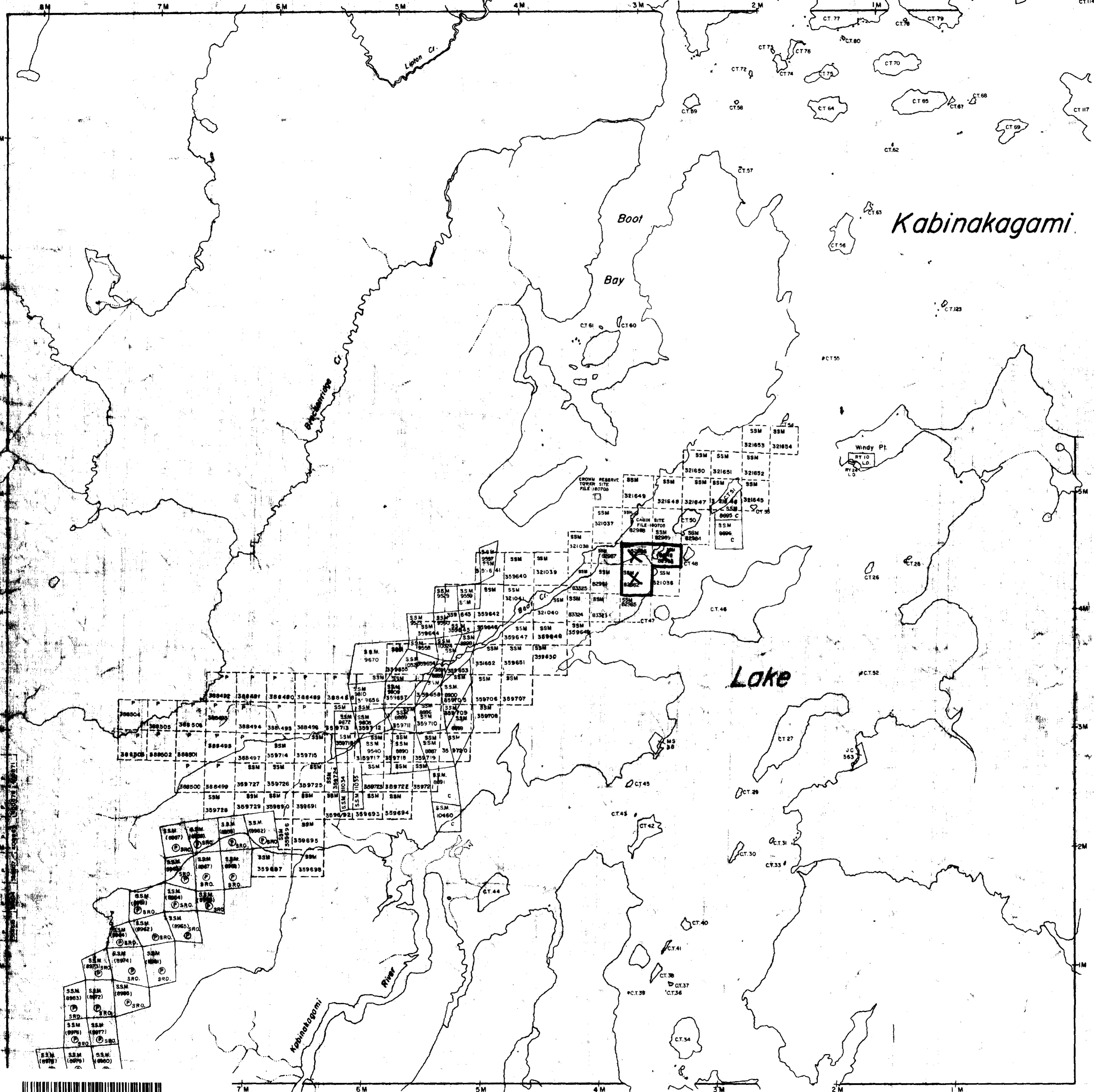
NOTES

400 Surface Rights Reservations around SH Lines and Rivers

MINING LANDS
 DATE OF ISSUE
 NOV 12 1974
 MINISTRY OF NATURAL RESOURCES

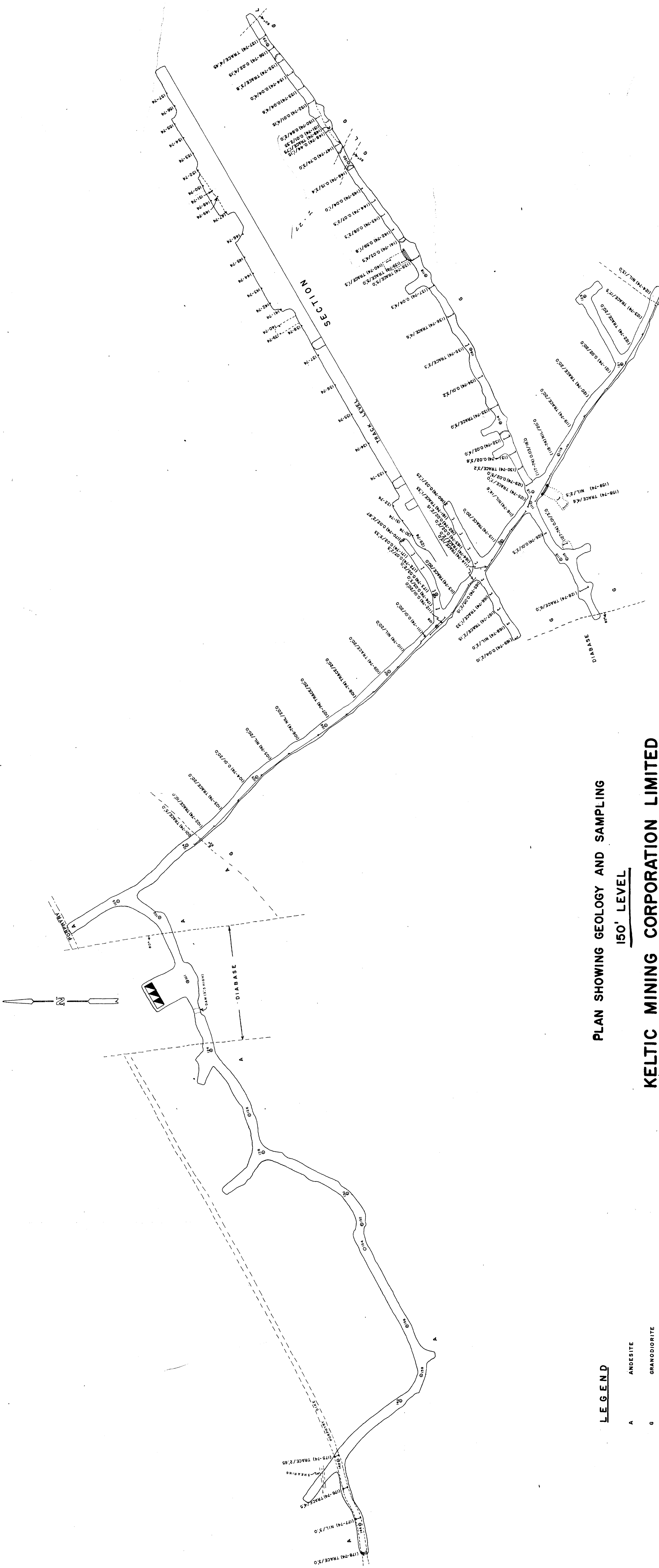
PLAN NO. M-1299

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



Mosambik Twp. (M-1319)



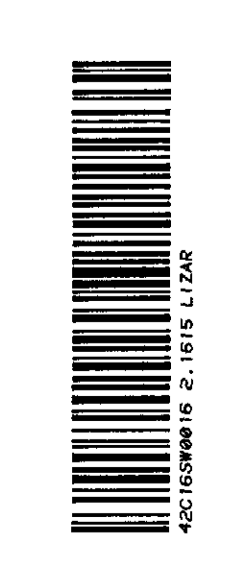


PLAN SHOWING GEOLOGY AND SAMPLING
150' LEVEL
KELTEC MINING CORPORATION LIMITED
LIZAR TOWNSHIP PROPERTY
TIMMINS MINING DIVISION, ONT.

LEGEND
 A ANDESITE
 G GRANDIORITE
 L LAMPROPHYRE
 ○ SURVEY POINT
(SAMPLE NO.) OZ. AU. PER TON/WIDTH IN FEET

SCALE: 1" = 20'
 OCT., 1974

John J. Londry
 J. LONDROY



J. Lohory

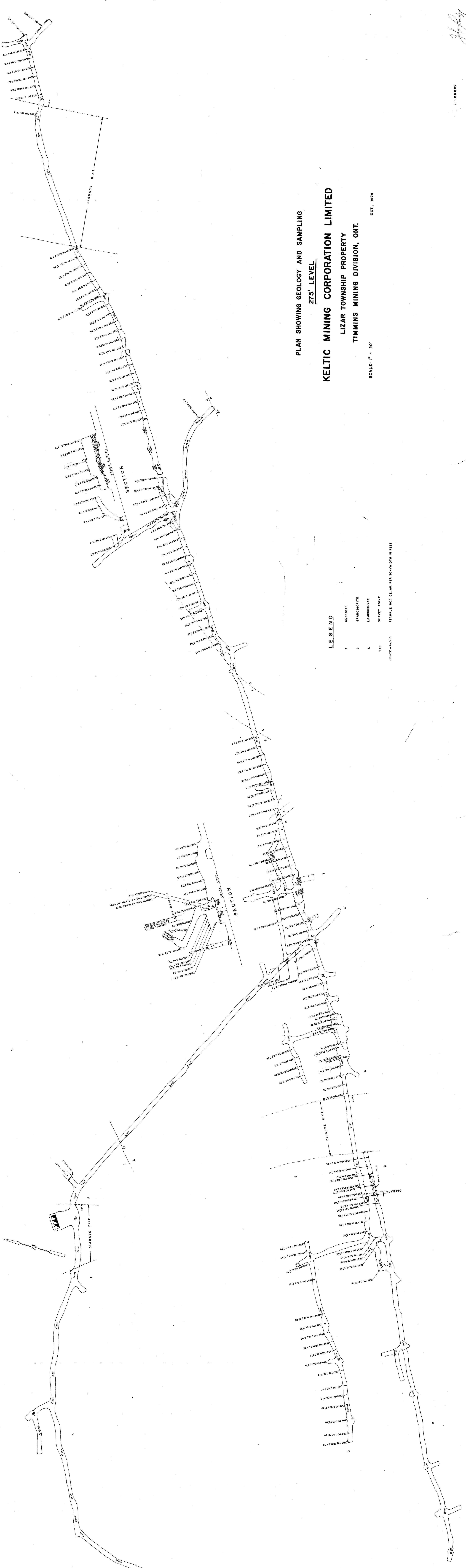
J. LOHORY

PLAN SHOWING GEOLOGY AND SAMPLING
 275' LEVEL
 KELTIC MINING CORPORATION LIMITED
 LIZAR TOWNSHIP PROPERTY
 TIMMINS MINING DIVISION, ONT.

SCALE: 1" = 20'
OCT., 1974

LEGEND

- A ANDESITE
 - G GRANODIORITE
 - L LAMPROPHYRE
 - SPR SURVEY POINT
- (SAMPLE NO.) OZ. AU. PER TON/WIDTH IN FEET



2.1615



250