



52F08NW0005 2.17107 WAPAGEISI LAKE

010

BLACK PEARL MINERALS INC.

THUNDERCLOUD LAKE - GEOLOGICAL SURVEY

EAST GRID

WEST GRID

WASHEIBAMAGA LAKE GRID

PELHAM PROSPECT

2.17107

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SUMMARY

The Thundercloud Lake property is under option from Blaine Webster and Mel Galbraith to Black Pearl Minerals INC.

Three areas on the Thundercloud Lake property were visited during August and September, 1996. They are: The 'West Grid', which is the southwest part of Thundercloud Lake, the 'East Grid' which is at the southeast part of Thundercloud Lake, the 'Washeibamaga Lake Grid', which is west of Washeibamaga Lake.

A fourth property area nearby was also visited, the 'Pelham Prospect', which is 1km west of the southwest part of Washeibamaga Lake and 1km south of the 'West Grid'.

The four properties visited are in the Manitou-Stormy Lakes metasedimentary-metavolcanic greenstone belt. For a number of reasons (see below), the area is postulated as having Kirkland Lake-style gold mineralization. In order to support this model, a large number of facts and determinations will have to be made, yet, there are enough similarities in the existing body of information that suggests such a model may be quite viable. If this is so, then the area is favourable for continued gold exploration.

The 'East', 'West' and 'Washeibamaga Lake' Grids are associated with I.P. anomalies. Ground reconnaissance follow-up returned anomalous gold values from 'grab' samples on the 'West Grid' and elevated gold values from 'grab' samples on the 'East Grid'. The samples coincide with areas with strong I.P. anomalies. There were also anomalous gold values from 'grabs' at several areas on the Pelham Property. While elevated gold values were not returned from the 'grab' samples from the 'Washeibamaga Lake Grid', several features of the property make it favourable for further work, including the presence of I.P. anomalies, barium enrichment indicative of hydrothermal alteration, favourable geological environment and so forth (see below).

Thundercloud

LOCATION AND ACCESS

The Thundercloud Lake property is centered at 49°23' Latitude and 92°23' Longitude in the Wabigoon Sub-province of the Superior Province of the Precambrian Shield. It is in the Boyer Lake area, NTS Sheet 52 F/7. The Thundercloud Lake 'West Grid' is reached by float plane, flying for 50km due south of Dryden float base on Lake Wabigoon, (Figure 1).

The Thundercloud Lake 'East Grid' can also be reached by float plane from the Lake Wabigoon float base. It can also be reached by road by traveling east on highway 17 for 20km from Dryden to Dinorwic. A lumber road is taken south for forty km (one hour traveling time), to the road that leads westward into Thundercloud Lake. The road is in a small open area. The first 300m can be traversed by vehicle, followed by a 1790m walk west and southwest to the edge of Thundercloud Lake, (Figure 2).

The 'Washeibamaga Lake Grid' and the Pelham Prospect can be reached by float plane from the southwest bay of Washeibamaga Lake. South a flagged traverse line begins on the ridge above a conveniently located landing site composed of a beaver lodge. Proceed west and southwest for 990m to the first outcrop of the Pelham. The 'Washeibamaga Lake Grid' (Horseshoe Lake), can be reached on foot. From the core shack hoardings on the Pelham go north for one kilometer, along a flagged traverse line, (Figure 2).

CLAIMS

The property consists of the following:

Claim Blocks	Claim Units
1178059	12
1178077	15
1178078	12
1178079	15
1178080	15
1178081	15
1178082	15
1178083	10
1178084	15
1178085	8
1178086	12
1178087	12

Total - 156 Claim Units, (Figure 2)



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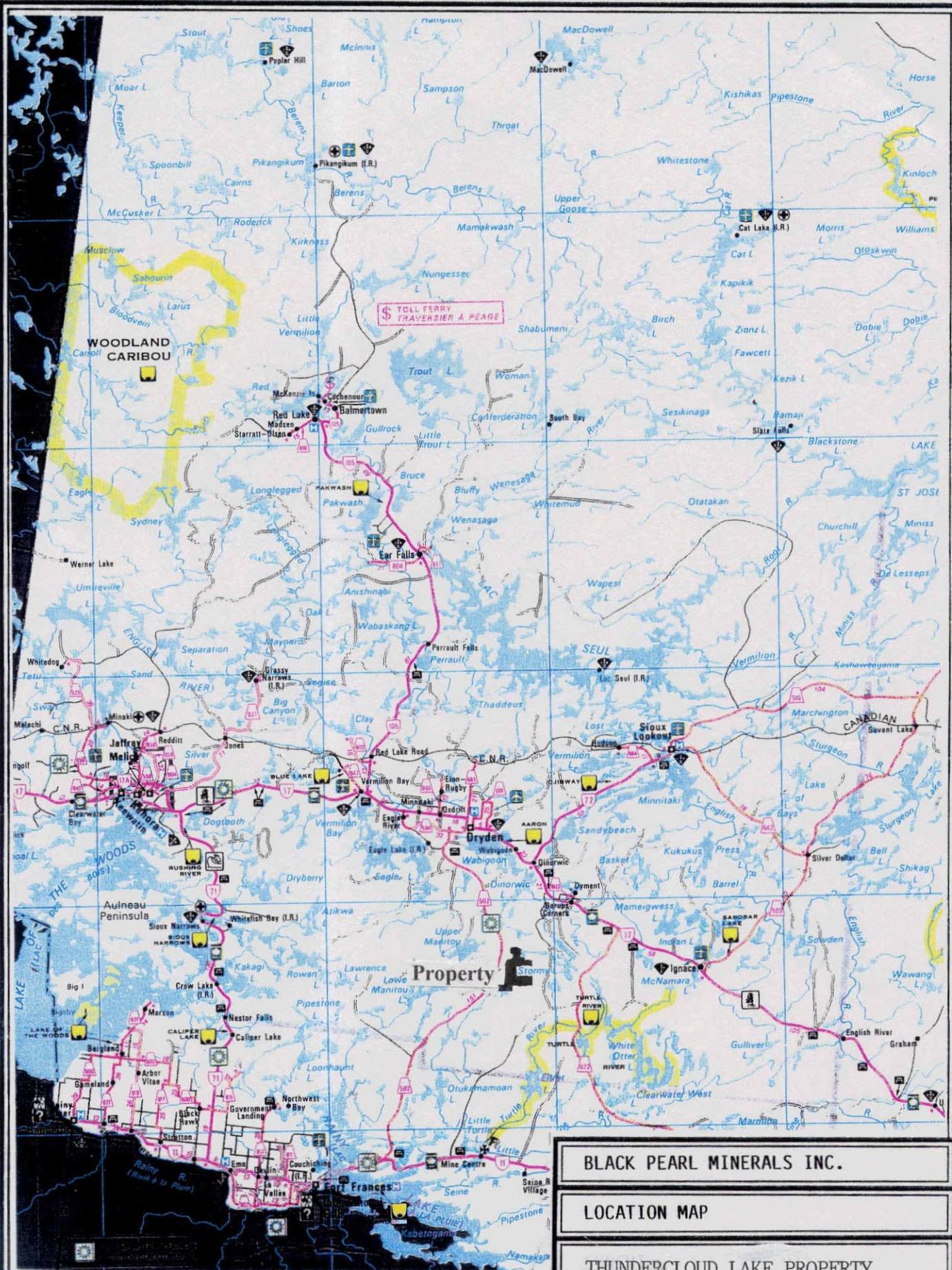
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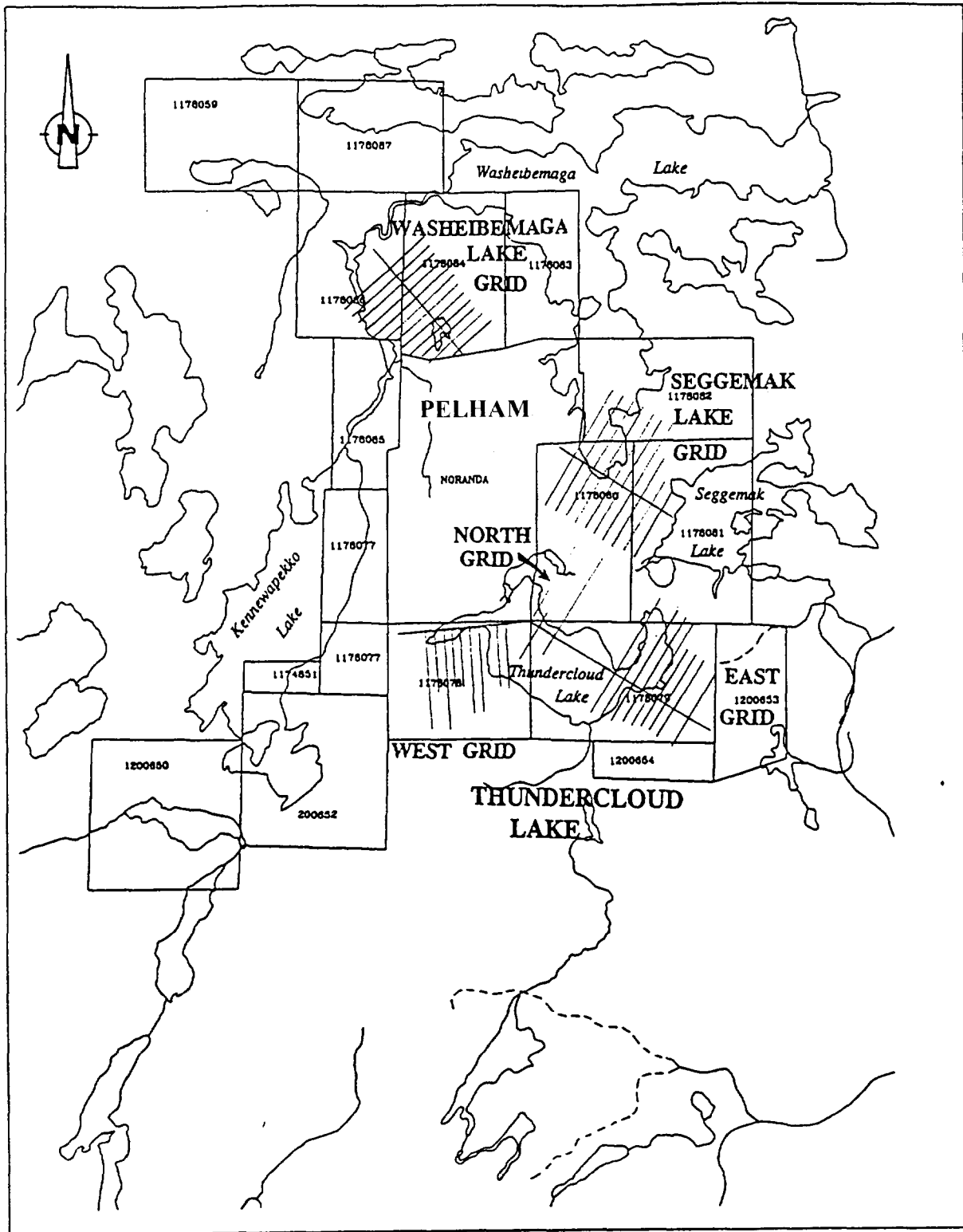
BACKPOCKET: 4 MAPS

- Thundercloud `West' Grid
- Thundercloud `East' Grid
- `Washeibamaga Lake' Grid
- Pelham Prospect



after:
SERVICES EXPLORATION ENRG.

FIGURE 1.



CLAIM MAP

BLACK PEARL MINERALS INC.

THUNDERCLOUD LAKE, SEGEMAK LAKE & WASHEIBEMAGA LAKE PROPERTIES

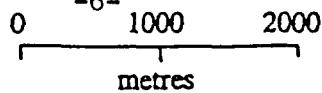
Boyer Lake area, NW Ontario

N.T.S. 52 F/7 & 52 F/8

GROUND GEOPHYSICAL SURVEY

FIGURE 2.

-6-



Surveyed by JVX Ltd.
Winter 1996

REGIONAL GEOLOGY

The Thundercloud Lake property is in the Manitou-Stormy Lakes belt which is composed of metavolcanics and metasedimentary rocks which extend in an arc-shape from Lower Manitou Lakes on the west to Bending Lake on the east. Blackburn (1981,1982), indicates that the stratigraphic sequence in this area consists of the Wapageisi Group made up of tholeiitic, mafic flows as well as calc-alkaline intermediate to felsic pyroclastics, Kresz (1984) in Parker et al, (1988). The Wapageisi Group is a homoclinal sequence dipping steeply northwest, Blackburn, (1981) and is unconformably overlain by intercalated metavolcanic and metasedimentary rocks of the Manitou and Stormy Lakes groups.

The metasediments are described as sandstones, argillites, and polymictic and volcanoclastic conglomerates. At the base of the Manitou Group, trachybasalt flows are found. The Mosher Bay-Washeibamaga Lake Fault separates the Manitou-Stormy Lake Group from the mafic flows of the Boyer Lake Group.

The Manitou and Wapageisi groups are variously intruded by different stocks such as the Scattergood Lake Stock and the Taylor Lake Stock. The Wapageisi is also intruded by the Meggisi Lobe of the Irene-Eltrut Batholith. The Thundercloud Lake Porphyry intrudes rocks of the Stormy Lake Group and Starshine Lake basalt Subgroup of the Wapageisi Group. Blackburn, (1981) suggests that the Thundercloud Lake Porphyry may be the intrusive equivalent of the felsic metavolcanics in the area. The Sunshine Lake Porphyry intrudes rocks of the Wapageisi Group.

Geological reconnaissance mapping in the Summer of 1996 found the south part of the area consisted of mafic flows which were intruded by rocks of the Thundercloud porphyry and rocks in the north were felsic volcanoclastics and were also intruded by the Thundercloud porphyry. Various felsic, mafic and ultra-mafic dykes intrude the rocks of the area including pyroxenite, quartz-felspar-porphyry and granitic dykes. Lamprophyre dykes and sills intrude the Manitou Group, the Starshine Lake Group basalts and the Sunshine Lake Porphyry. These dykes are in turn, intruded by the younger Taylor Lake Stock.

Structural Geology:

The most prominent structural feature is the east-northeast trending Mosher Bay-Washeibamaga Lake Fault which is likely related to and contemporaneous with, east and northeast trending shear zones.

Reg geo. cont'd.

Early northwest trending shear zones and north-south faults occur in the Starshine Lake Sub-Group of the Wapageisi Lake Group. The strong, northeast trending Manitou Straits Fault is associated with intense shearing. Younger, northeast trending faults cut all units and structures. One such younger fault is the Taylor Lake Fault, which has resulted in an estimated 2km sinistral displacement, Parker et al, (1988), from Blackburn, (1981).

PREVIOUS HISTORY

- 1) Forneiri Option, 1937 Described as 'silicification in diorite or gabbro'
 - trenching '10' deep pits', \$17 over 5' traced for 125' on E/W striking zone. [Many minor faults- Large faults 50'-60']
 - 1945 - Work done resulted in describing pyrite seen as '2-4%'. (MNDM Assessment Files, Kenora Resident Geologist's Office)

- 2) Pelham Prospect, 1939, Pelham Gold Mines Ltd. Incorporated -1948
 - 1951, F.W. Thompson wrote: 'There are no definite strikes nor strong shears. Fracturing is considerable and at almost any degree on the compass. '...Finegrain basic andesite would best describe it. Siliceous in places, at times almost a quartz porphyry.'
 - Channel samples gave: 1.49z Au/t(47680 ppb Au), 0.12oz. Au/t(3840 ppb Au), 0.49oz Au/t(15680 ppb) (No width given)
 - grab sample gave: 0.07z Au/t(2240 ppb)
 - chip samples gave: 0.01oz Au/t(320 ppb), 0.14z Au/t(4480 ppb), 0.01oz Au/t(320 ppb)

 - 1973, Osisko Mines Ltd. acquired 18 new claims in addition to the original 17 patented claims. Prospecting and field work(unfiled) was undertaken: 'Gold values appear to be concentrated in highly siliceous areas, within the diorite and along the contacts between the sediments'...grab sample #636 ran .08oz/Au/ton(162560 ppb) and with estimated total sulphides of 5%, grab sample #637 ran 0.03oz/Au/ton(960 ppb) with 15-20% total sulphides.

 - 1986, Northwest Geophysics drilled one diamond drillhole in biotite-rich, 'carbonatized' gabbros. No results were given. Cl # K8503000 (Former K0774).

 - 1988, Noranda Exploration Co. Ltd. drilled 27 drillholes. The best values were obtained from drillholes in claim K823874:
PH88-10, collared at Eastings 125.00, Northings - 107.00, gave:
 - >9grams Au at 35m (9000 ppb Au)
 - >2grams Au at 20m (2000 ppb Au)From mafic volcanics with pyrite and magnetite and carbonate and quartz-carbonate veining in nearby intersections.

Prev His. cont'd

PH88-5, collared at Eastings 100.00, Northings - 157.00, gave >4grams Au at 40m (4000 ppb Au) From 39.8m-41.5m, 5-20% pyrite, strongly silicified and carbonaized, mafic metavolcanics. (Various Assessment Files, MNM, Kenora Resident Geologist's office)

- 2) Cont'd) Esso-Teck-Noranda joint venture drilling returned 0.16oz Au/ton over 3m (5120 ppb Au) and .12oz. Au/ton over 2m (3840 ppb Au).
- 3) Gold Washe Property - 1985, R. Caven reported on MAG, VLF-EM and Double -Dipole EM and Geological Survey. Several anomalous areas were found. Total 15 claims. Property north of Pelham -1986, J.T. Arengi reported on the results of the above field work. (MNDM Assessment Files, Kenora)
- 4) Student Syndicate Soil Survey - 1983, Soil Survey conducted on the southwest part of Thundercloud Lake. Over 33% of soils returned elevated to anomalous gold values. Three main anomalous areas were delineated. The best values come from the northeast end of the 'student grid' between Black Pearl's L0 and L1W. The best values are:
5743 ppb Au/ 15.5 ppm Ag
1683 ppb Au/ 31.5 ppm Ag
This area coincides with summer field results of 1996 in outcrops which returned: From sample R2010 5400 ppb Au, 88.2 ppm Ag, 68 ppm Mo from a pyritized schist with quartz-carbonate veinlets in mafic volcanics. A repeat sample from the same area returned 550 ppb Au/ 11.8 ppm Ag/190 ppm Mo. R2019. (MNDM ASSESSMENT FILES, KENORA)
- 5) Esso Minerals - Property east of the Pelham and Gold Washe properties.
-150 claims situated within metasediments and metavolcanics at the regional unconformity separating Manitou and Wapageisi groups. Esso conducted geological, geochemical and geophysical surveys over the 150 claims. -1984, Airborne mag revealed strong NNW, EW and NS linears. -13 mineral zones have been discovered. Diamond drilling results have assayed as high as 0.14oz Au/ton (4480 ppb Au) across 0.84m, 0.26 oz Au/ton (8320 ppb Au) over 0.15m and 0.50z Au/ton (16000 ppb Au) across 0.54m. (George Cross Newsletter, in Parker et al).

- 6) Render's Occurrence - 1988 samples taken from trenches returned 5743 ppb Au and 31.5 ppm Ag. These trenches are pits described elsewhere where Black Pearl, 1996 sample R2010 returned 5400 ppb Au, 88.2 ppm Ag and 68 ppm Mo. It coincides with the best values area of the student soil syndicate survey above. Parker et al, (1988).
- 7) Geocell, 1985, Conducted geological and geophysical surveys over the Horseshoe Lake Property area. Magnetics showed a pervasive gradient away from the Taylor Lake Stock. Parker et al, (1988)

POTENTIAL FOR KIRKLAND LAKE-STYLE GOLD MINERALIZATION

Parker et al, (1988) state that gold mineralization is 'spatially and temporally' related to the Thundercloud Lake Porphyry at Thundercloud Lake and Washeibamaga Lake and also 'spatially and temporally' related to a major tectonic zone which was the focus for shear zone development and intense hydrothermal activity. They postulate, (based partially on the work of other researchers), that the Wapagiesi Lake Group sequence shows an evolution from deep-water, quiescent, tholeiitic flows to a more violent, partially subaerial volcanism which gave rise to felsic, calc-alkaline pyroclastics. The Stormy Lake Group overlies these volcanics and pyroclastic rocks, and is formed of clastic metasediments above a well-defined unconformity.

While a Kirkland Lake style of gold mineralization may be postulated, this author believes that a larger body of determinations and facts would be required to support this hypothesis. The following lists the common features shared by the two areas.

-Gold mineralization is 'spatially and temporally' related to felsic intrusions in the Kirkland Lake area, Fyon (1991). This has also been shown to be true in the Thundercloud area, Parker (1988).

-The Mosher Bay-Washeibamaga Lake Fault may be similar to the Kirkland Lake-Larder Lake Fault Zone.

-The fact that the Starshine Lake basalts are similar in composition to the tholeiitic basalts of the Kinojevis group. I.e. 12-17.6% Al_2O_3 , 5-9 % MgO , 10-13% Fe_2O_3 . Blackburn (1982). Jensen (1985), (1976), as occurs in other similar gold areas.

-The presence of several gold past producers, off the main Kirkland Lake Fault and associated with NNE trending faults or splay-offs. Gold showings and gold occurrences are associated with the NNE trending faults in the Sunshine Lake areas. Fyon, (1991) states that Kirkland Lake gold deposits as well as deposits in other areas occur along high-strain zones with strike orientations of northeast to east north east.

-The Stormy Lake unconformity, Parker (1988), may be similar to the Timiskaming sedimentary basinal unconformity.

-Late lamprophyre dykes host gold in the Kerr Addison Mine in the Larder Lake area, Fyon (1991). Tr Au was found in the lamprophyre dyke at Sunshine Lake.

SAMPLE PREPARATION AND ANALYSIS

Rock samples were crushed to 2mm and split to 200 - 250 gram samples which were then pulverized to -150 mesh/ 100 micron sieve. Soil samples were dried and sieved using -80 mesh sieve to 175 microns.

After sieving or pulverizing, the 'pulps' are mixed in a flux with silver nitrate added and heated to 1290°C which results in a metallic bead. The bead is digested using Aqua-Regia and the resultant solution is analyzed using atomic absorption spectrometry. A 5gram sample is digested using nitric acid and analyzed using ICP-AES (Au-FA+AA). The samples were analyzed for Au and 32 elements. The gold was given in ppb and the others in ppm. (Appendix A).

Statistical analysis gave the mean, median, standard deviation and other statistics. Background was determined from the median. Anomalous values were determined using the 95th percentile based on a cumulative frequency plot expressed in logarithmic units and plotted on arithmetic paper, (Appendix B).

It should be noted that because Molybdenum is very mobile in the environment is is often widely dispersed. Thus even low values of Molybdenum may be significant, Ng, Chemex(Pers. comm). Thus, values of Mo were subjected to 95th percentile statistics and treated as anomalous when above background despite their relatively low ppm concentrations.

Because a chrome steel ring was used in sample preparation, contamination up to 150 ppm may be expected. Only values over 150 ppm Cr are considered as 'true values' although all values were treated statistically, since 150 ppm is a very extreme maximum of contamination (Pers. comm. Chemex).

Thundercloud SW

WEST GRID

The southwest side of Thundercloud Lake consists of mafic pillowed basalts of the Sunshine Lake Sub-Group which are intruded by the Thundercloud Lake Porphyry. At the edge of the lake at L0, near the top of the grid, the porphyry ridge rises very steeply away from the shore. An apparent drillhole was collared on this ridge in the porphyry. To the southwest, below the ridge, there are several small pits which contain altered mafic basalt schists which are pyritized and have quartz-carbonate veinlets. The man-made pits are on the side of a hill, and all are along approximately the same contour. The pits are at the contact of the mafic volcanics and the porphyry, and thus, the zone of alteration is related to the geological contact.

This area was the Render's Occurrence which returned anomalous gold values from man-made trenches. It is suspected that these trenches were the source of the Render's anomalous value as the values are quite similar to the results obtained during the reconnaissance survey of 1996, (Map 'West Grid' backpocket).

The results are:

Render's Occurrence - 5743 ppb Au, 31.5 ppm Ag

Black Pearl - R2010 - 5400 ppb Au, 88.2 ppm Ag, 341 ppm Cu, 302 ppm Cr, 68 ppm Mo, 128 ppm Ni, 306 ppm V.

- R2019 - 550 ppb's Au, 11.8 Ag, 244 ppm Cu, 190 ppm Mo, 130 ppm Ni, 257 ppm V.

(Map 'West Grid')(Appendix A)

The above (R2010 and R2019) are from the same trench.

Other samples from the southwest side of Thundercloud also contained elevated and anomalous values (Map 'West Grid' backpocket). They are:

-R2011 - 55 ppb Au, 1.4 ppm Ag, 155 ppm Cu, 63 ppm Mo

-R2012 - 35 ppb Au, 0.6 ppm Ag, 101 ppm Cu, 19 ppm Mo

-R2020 - 36 ppb Au, 0.6 ppm Ag, 37 ppm Mo

(map 'West grid')(Appendix A)

The above samples were all taken from the mafic metavolcanic altered schist. The porphyry was also sampled and returned slightly elevated gold:

-R2017 - 45 ppb Au

Soil samples S2002, S2003 (10, 15 ppm respectively). Other rocks returned slightly elevated Au values. (Appendix A)

Thundercloud SW (cont'd)

Recommendations:

Diamond drilling is recommended on the southwest side of Thundercloud Lake for the following reasons:

-The presence of pyritized, auriferous zones of alteration in the basalt schists.

-The fact that these altered, mineralized schists are at the contact between the Thundercloud Porphyry and the pillowed basalts of the Starshine Lake Sub Group.

-The fact that highly anomalous gold values and other metal values returned from this survey and other surveys.

-The fact that several of the rock samples contain elevated to anomalous gold values.

-The fact that soils taken by the 'Student Syndicate' returned anomalous values in 33% of the sample population.

-The fact that rock samples taken from trenching in 1996 reproduced the anomalous gold values of the earlier owner.

-The fact the winter geophysical survey has named the area a medium priority and the I.P. survey shows a strong 'tau' in the area of L1W, 0+75S to 1+75S, which is coincident with anomalous gold values, collected from the trenches, (map 'West Grid').

Thundercloud SE

EAST GRID

In the summer of 1996, a reconnaissance geological survey was conducted on the winter grid area of the southeastern side of Thundercloud Lake. Topography steepens sharply away from the lake forming a semi-arcuate shaped ridge along the southeast side of the lake. Rocks of the Thundercloud Porphyry intrude pillowed basalts of the Wapageisi Lake Group. The pillowed basalts contain pyritized, altered calcitic schists in shears with narrow quartz-carbonate veins. Locally, the sheared zones are highly altered.

Two rock samples from the sheared, basalt schist zones (Map 'East Grid' backpocket) (Appendix A) returned the following values:

-R2006 45 ppb Au, 150 ppm Cu, 81 ppm Mo, 91 ppm Ni, 78 ppm Zn, 5.8 ppm Ag.

-R2007 20 ppb Au, 56 ppm Cu, 8 ppm Mo, 43 ppm Ni, 66 ppm Zn, 160 ppm V.

In addition, one sample from the quartz porphyry returned an elevated Mo value and a sample from the basalt adjacent to the porphyry returned an elevated Mo value, (Map 'East Grid' back-pocket).

-R2004 67 ppm Mo - From the porphyry
-R2005 61 ppm Mo - From an altered basalt schist adjacent to the porphyry. (Map 'East Grid' backpocket) (Appendix A)

The samples showed strong barium enrichment as well as some high vanadium. The presence of the barium enrichment gives evidence for hydrothermal mineralization fluids, (Appendix A). For these reasons and due to the fact that there are strong I.P. anomalies, diamond drilling is recommended.

Washeibamaga Grid
(Horseshoe Lake)

WASHEIBAMAGA LAKE GRID

The Washeibamaga Lake Grid is underlain by felsic volcanoclastics of the Stormy Lake Group. They are primarily rhyolitic tuff breccia, lapilli tuff and rhyolite agglomerates. They are intruded by rocks of the Thundercloud Lake Intrusion or 'Porphyry', Blackburn (1981), considers that the Thundercloud Lake Porphyry is the 'underlying subvolcanic phase' of the felsic auto breccias and hence, is an 'integral part of the Stormy Lakes Group' (ibid).

The Washeibamaga Lake Grid area is characterized by large, rounded outcrops, which rise steeply from the surrounding, semi-swampy to forested ground. The outcrops steepen upwards. Thirteen rock samples were taken from the central outcrops and the eastern sides and face of the ridge. The difficult nature of the area, which consisted of massive deadfall, and tightly-grown 12-year old spruce on the top and margins of the area, (including deadfall due to a burn), precluded the attempted traverses to the very top of the ridges as well as traversing to the west side of the grid. A total of fifteen samples were collected and analyzed. The samples sent for analysis are R-H1 to R-H13 as well as repeat samples R-H7A and R-H8A (map 'Washeibamaga Lake Grid'). While no anomalous gold values were returned, the area is quite favourable for further work for the following reasons:

1) The grid contains two major areas with I.P. anomalies, one on the east and one on the west, with the eastern side coinciding with altered, sulphidized schists along L1+00N.

2) Several of the samples show strong barium enrichment indicative of hydrothermal alteration and, thus, there is the possibility of hydrothermal gold mineralization.

3) Its proximity to the 'Mosher Bay-Washeibamaga Lake Fault' suggesting potential for Kirkland Lake style gold mineralization.

4) Favourable geological environment and rocks associated with other gold occurrences (See, Previous History-above).

5) Its proximity to the Pelham Prospect which has returned greater than 50z/Au/ton (60000 ppb) (See above).

THE PELHAM PROSPECT

During the summer of 1996, a property examination of the Pelham Prospect was undertaken. The Pelham was reached by float plane which landed near a beaver lodge situated in the southwest portion of the lake. A line was flagged heading west-southwest (Figure 2) for 900m to a basalt ridge. Continuing west, another ridge was encountered at 100m. On the other side of this ridge is the main zone of the Pelham. Numerous pits and intensely altered zones are still visible in outcrop. It was difficult to evaluate the property from a mere surface examination due to the fact that many of the outcrops were mainly reduced to rubble. The topography in the area is highly disrupted and disturbed.

Parker et al, (1988), states that all of the known gold occurrences and showings occur adjacent to the Thundercloud Porphyry at the top of the Wapageisi mafic basalts and are associated with a major tectonic zone that was the focus for shear development and intrusive hydrothermal activity. The Pelham consists of mafic flows and pyroclastics alternating with lenses of felsic flows, ash flows, coarse pyroclastics and epiclastic rocks. The gold-bearing zones are hosted by coarse, heterolithic pyroclastics and coarse grained magnetite bearing rocks, Parker et al, (1988).

The gold-bearing zones have intense fracturing. The fracturing is cross-cut by narrow shear zones. The strike directions, widths and lengths are variable. Alteration consists of biotitization, silicification, epidotization with disseminated pyrite, arsenopyrite, chalcopyrite and gold.

A period of shearing post-dates the alteration and mineralization of gold. Due to the intense and irregular, complex cross-cutting nature of the mineralized fractures, hydrofracturing is postulated. The hydro-fracturing occurs when pore pressure of the host rock is increased, until cracking occurs along grain boundaries to form open fractures, Parker et al, (1988).

The ridge at 900 meters west on the flagged line is composed of mafic volcanics and contained no major zone of alteration. The west side of the ridge contained a small area of rubble and boulders. Adjacent to this on the steep face, minor alteration on a schist was sampled from an area immediately north of the boulders. The schist contained calcite, pyrite and fine quartz-carbonate veinlets. The schist returned the following values:

-R-P1, 1590 ppb Au, 2.2 ppm Ag, 46 ppm Pb,

Pelham cont'd

124 ppm Zn, 483 ppm V.

-R-P101, 2210 ppb Au, 3.4 ppm Ag 220 ppm Cu, 2 ppm Mo,
497 ppm V. (Map Pelham backpocket)

West of this ridge, is another ridge with a small altered area which had been disrupted. The ridge was similar to the one at 900 meter in that it was a steep-sided basalt ridge. Beyond this was the main area with outcrops with intense alteration and mineralization. The large ridge on this main alteration area has a felsic unit on one side of the ridge and intercalated with mafic volcanics on the other side of the ridge. A six-foot zone of alteration was traced in the middle, Harron (Pers. comm). The hydrothermal alteration and associated shear strikes 30° and dipping 50°. Various samples taken from this area gave the following results:

-R-P2, 1200 ppb Au, .6 ppm Ag, 299 ppm Cu, 352 ppm V

-R-P102 755 ppb Au, .8 ppm Ag, 107 ppm Cu, 430 ppm V.

-R-P3, 170 ppb Au, 713 ppm V.

-R-P3A, 185 ppb Au, 430 ppm V.
(Map 'Pelham' backpocket)

Nearby outcrops returned the following:

-R-P4, 145 ppb Au, 252 ppm V.

-R-P6, 575 ppb Au, 122 ppm Zn, 255 ppm V.
(Map 'Pelham' backpocket)

Vanadium values were included because the vanadium values are consistent with the anomalous gold values and vanadium enrichment is likely due to hydrothermal enrichment.

Drill core samples from Noranda's 1988-27 hole drill program are stored on the north side of the small road that leads in to the southeast part of Thundercloud Lake. The drill core was examined. Sampling of the drill core had only been undertaken on the mafic volcanics. Most felsic volcanic drill core seen had not been split. Some of the felsics were examined and contained sulphide mineralization, calcitic veinlets. The mafic volcanics examined were split and contained pyrite, pyrrhotite and trace chalcopyrite. There was very strong shearing and altered schists associated with the mineralization. The strongly sheared,

Pelham cont'd

schistose zones were seen in coarse grained to fine grained mafic volcanics with calcitic veining and infillings. Sulphide content was up to 5%, although the sheared zones had a fine 'smear' of sulphides that completely covered the sheared portion but was not necessarily continuous into the surrounding rock of the drill core. For the results of the drilling on the Pelham, please refer to 'Previous History' above. Fine veinlets of quartz-carbonate which were pyritized, were common in the core. This was also true of the felsic volcanics.

Discussion:

The Pelham, as mentioned above, is near the contact of two distinct units. The older, the Starshine Lake basalts of the Wapageisi Lake Group, are formed of a thick succession of massive and pillowed tholeiitic andesites and basalts with minor gabbroic intrusions. The younger, Stormy Lake Group, consists of rhyolite to dacitic flows, pyroclastics and crystal tuffs intercalated with lesser basalt flows and metasediments, Blackburn (1981).

The transition from a predominantly mafic volcanic sequence to a mixed felsic volcanic-sedimentary succession has been recognized as an important stratigraphic locus for gold deposits in the Wabigoon and other supracrustal greenstone belts. The Pelham occurs near the top of the Wapageisi. Shoal Lake and Cameron Lake are also properties that occur in transitional environments.

Pelham (cont'd)

RECOMMENDATIONS

Diamond drilling is recommended on the main zone of the Pelham especially the main alteration zone where samples R-P2, R-P3, R-P3A, R-P102 were taken, (map 'Pelham' backpocket) (Appendix A).

Diamond drilling is also recommended on the outcrop at 900 meters. The reason is that this outcrop seems to have less complex fracturing and faulting relative to the main alteration zone, yet still returned consistently anomalous gold values, from moderately complex shears. It is suggested here that the difficulties encountered in the other area from the complex and highly variable nature of the fractured rocks, may be less problematic at 'outcrop 900m'. If this is so then the possibility for consistent mineralization may exist in this area. In other words, the source of the gold in the mineralized schist may be less disrupted, which means it has potential for being less dissipated and hence, of a higher concentration.

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ACKNOWLEDGMENT

I gratefully acknowledge the help and in-depth information from Charlie Blackburn and the Kenora Resident Geologist's office during the field season and during the preparation of this report. His wide understanding and experience were invaluable. Also many thanks to G. Harron for all his helpful comments and critiques. Thanks also to my assistant, Sean Lourim. Any errors or omissions are entirely my responsibility and should not reflect in any way upon anyone else.

CERTIFICATE

I, Jeanette Lourim, of the City of Toronto, in the Province of Ontario, hereby declare that

1. I am a consulting geologist working from my office at 219 Howland Avenue, of the City of Toronto, Province of Ontario.
2. I hold an Honours B.Sc. as a Geology Specialist from the University of Toronto and a Bachelor of Arts from Wayne State university, in the City of Detroit, USA.
3. I have practiced my profession for twenty-one years for both government and industry in Ontario and for industry in Alberta, British Columbia, Saskatchewan, Manitoba and Quebec.
4. I personally conducted and supervised the geological and geochemical surveys herein reported, with the help of an assistant and am solely responsible for the completed work.
5. I have no direct interest in the property or properties nor do I anticipate receiving such interest.

Date

Dec 4, 66

Jeanette Lourim

Jeanette Lourim

Jeanette Lourim and Associates
Consulting Geologists

APPENDIX - A

ROCK SAMPLE LOCATIONS
SOIL SAMPLE LOCATIONS

GEOCHEMICAL ASSAY RESULTS
ROCKS AND SOILS



Chemex Labs Ltd.

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R1060
 R 2002-R 2016 ✓
 R 3001-R 3019
 RH1-H10 RPI-RP9

A9631968

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CC: MIKE PICKENS

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Project:
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 24-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	50	Geochem ring to approx 150 mesh
226	50	0-3 Kg crush and split
3202	50	Rock - save entire reject
229	50	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	50	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	50	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	50	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	50	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	50	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	50	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	50	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	50	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	50	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	50	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	50	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	50	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	50	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	50	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	50	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	50	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	50	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	50	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	50	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	50	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	50	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	50	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	50	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	50	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	50	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	50	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	50	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	50	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	50	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	50	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	50	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	50	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	50	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
R1060	205	226	< 5	< 0.2	0.30	< 2	30	< 0.5	< 2	0.15	< 0.5	1	194	4	0.61	< 10	< 1	0.10	< 10	0.13	65
R2002	205	226	< 5	0.8	0.96	< 2	30	< 0.5	2	1.10	< 0.5	8	84	98	1.26	< 10	< 1	0.21	< 10	0.39	145
R2003	205	226	< 5	< 0.2	2.56	< 2	30	< 0.5	< 2	0.57	< 0.5	27	41	67	5.25	10	< 1	0.01	< 10	1.56	735
R2004	205	226	< 5	0.2	0.23	< 2	90	< 0.5	2	0.62	< 0.5	3	50	39	0.63	< 10	< 1	0.11	< 10	0.08	65
R2005	205	226	< 5	< 0.2	0.34	6	40	< 0.5	4	0.11	< 0.5	1	194	8	0.66	< 10	< 1	0.17	< 10	0.07	40
R2006	205	226	45	5.8	2.60	< 2	170	< 0.5	64	1.11	< 0.5	28	192	150	6.23	< 10	< 1	1.44	< 10	2.76	930
R2007	205	226	20	0.2	2.00	< 2	110	< 0.5	< 2	1.57	< 0.5	34	110	156	6.00	< 10	< 1	0.81	< 10	1.88	780
R2008	205	226	10	0.2	0.27	2	70	< 0.5	< 2	0.39	< 0.5	3	54	10	0.78	< 10	< 1	0.15	< 10	0.09	110
R2009	205	226	< 5	< 0.2	1.63	< 2	50	< 0.5	< 2	3.14	< 0.5	19	140	3	3.01	10	< 1	0.13	30	2.91	555
R2010	205	226	5400	88.2	2.04	100	30	< 0.5	8	0.47	< 0.5	53	302	341	7.78	< 10	< 1	1.37	< 10	1.76	470
R2011	205	226	55	1.4	2.11	< 2	30	0.5	< 2	1.96	< 0.5	29	66	155	4.22	< 10	< 1	0.25	< 10	1.08	610
R2012	205	226	35	0.6	1.70	2	60	< 0.5	< 2	1.25	< 0.5	29	90	101	6.14	< 10	< 1	0.67	< 10	1.53	560
R2013	205	226	< 5	0.2	0.85	< 2	60	< 0.5	< 2	1.04	< 0.5	18	108	80	1.77	< 10	< 1	0.24	< 10	0.80	290
R2014	205	226	10	< 0.2	1.70	< 2	380	< 0.5	< 2	0.70	< 0.5	17	106	28	2.40	< 10	< 1	1.07	30	1.48	295
R2015	205	226	< 5	0.4	2.05	< 2	110	< 0.5	< 2	1.32	< 0.5	35	55	153	5.59	< 10	< 1	0.24	< 10	1.48	600
R2016	205	226	< 5	< 0.2	1.06	< 2	40	< 0.5	< 2	1.27	< 0.5	15	53	67	2.39	< 10	< 1	0.03	< 10	0.45	295
R3001	205	226	< 5	0.2	7.69	< 2	< 10	< 0.5	< 2	1.95	< 0.5	35	170	55	8.22	10	< 1	0.01	< 10	2.69	805
R3002	205	226	< 5	< 0.2	4.27	< 2	< 10	< 0.5	< 2	1.25	< 0.5	31	50	22	4.02	10	< 1	0.01	< 10	2.63	445
R3003	205	226	< 5	< 0.2	1.97	< 2	10	< 0.5	< 2	1.24	< 0.5	25	33	139	3.42	< 10	< 1	0.09	< 10	1.02	360
R3004	205	226	10	< 0.2	1.83	< 2	10	< 0.5	< 2	1.11	< 0.5	20	57	116	2.95	< 10	< 1	0.09	< 10	1.20	330
R3005	205	226	< 5	< 0.2	1.20	< 2	< 10	< 0.5	< 2	1.05	< 0.5	29	20	65	4.87	< 10	< 1	0.04	< 10	0.63	290
R3007	205	226	< 5	< 0.2	3.04	< 2	360	< 0.5	< 2	0.87	< 0.5	18	69	29	3.58	10	< 1	1.30	10	1.49	315
R3008	205	226	< 5	< 0.2	1.42	< 2	80	< 0.5	< 2	0.78	< 0.5	20	23	20	6.34	10	< 1	0.26	< 10	0.83	335
R3010	205	226	< 5	< 0.2	3.05	< 2	10	< 0.5	< 2	1.62	< 0.5	19	65	134	3.09	< 10	< 1	0.01	< 10	1.13	310
R3011	205	226	< 5	< 0.2	4.55	< 2	< 10	< 0.5	< 2	2.05	< 0.5	25	39	132	3.22	10	< 1	0.01	< 10	1.41	260
R3012	205	226	< 5	< 0.2	2.35	2	20	< 0.5	< 2	1.17	< 0.5	25	45	128	3.70	< 10	< 1	0.04	< 10	1.31	385
R3013	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	< 2	0.02	< 0.5	< 1	193	4	0.24	< 10	< 1	< 0.01	< 10	0.02	20
R3014	205	226	< 5	< 0.2	1.67	< 2	1080	< 0.5	< 2	0.71	< 0.5	33	72	306	5.45	< 10	< 1	0.70	< 10	1.71	250
R3015	205	226	< 5	< 0.2	2.94	< 2	560	< 0.5	< 2	0.80	< 0.5	28	326	80	3.24	10	< 1	2.26	10	3.35	365
R3016	205	226	< 5	< 0.2	2.70	< 2	10	< 0.5	< 2	1.25	< 0.5	20	52	107	2.66	< 10	< 1	0.01	< 10	1.13	235
R3017	205	226	< 5	< 0.2	1.63	< 2	100	< 0.5	< 2	0.68	< 0.5	26	107	105	4.73	10	< 1	0.25	< 10	1.35	635
R3018	205	226	< 5	< 0.2	2.99	< 2	10	< 0.5	< 2	2.27	< 0.5	10	38	82	1.64	< 10	< 1	0.02	< 10	0.46	250
R3019	205	226	< 5	< 0.2	1.06	< 2	10	< 0.5	< 2	0.97	< 0.5	18	82	55	2.95	< 10	< 1	0.06	< 10	0.86	245
R-H1	205	226	< 5	< 0.2	0.08	< 2	< 10	< 0.5	< 2	0.06	< 0.5	1	255	4	0.41	< 10	< 1	0.01	< 10	0.04	30
R-H3	205	226	< 5	< 0.2	1.30	< 2	140	< 0.5	< 2	0.44	< 0.5	12	216	31	1.66	< 10	< 1	0.97	30	1.19	280
R-H4	205	226	< 5	< 0.2	1.06	< 2	130	< 0.5	< 2	0.47	< 0.5	12	219	27	1.54	< 10	< 1	0.36	20	1.14	230
R-H5	205	226	< 5	< 0.2	0.63	< 2	70	< 0.5	< 2	0.17	< 0.5	4	91	8	0.59	< 10	< 1	0.29	< 10	0.25	95
R-H6	205	226	< 5	< 0.2	1.32	< 2	100	< 0.5	< 2	0.40	< 0.5	8	86	49	1.21	< 10	< 1	0.87	10	1.06	185
R-H7	205	226	< 5	< 0.2	1.19	< 2	140	< 0.5	< 2	0.41	< 0.5	5	110	8	1.28	< 10	< 1	0.65	20	0.80	260
R-H8	205	226	< 5	< 0.2	1.50	< 2	300	< 0.5	< 2	0.80	< 0.5	12	113	39	1.95	< 10	< 1	1.12	20	1.08	290

CERTIFICATION: *Stanley Pickens*



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
R1060	205 226	< 1	0.05	6	100	< 2	< 2	< 1	17	0.03	< 10	< 10	6	< 10	8
R2002	205 226	18	0.03	23	120	< 2	< 2	4	17	0.16	< 10	< 10	40	< 10	10
R2003	205 226	< 1	< 0.01	23	440	< 2	< 2	2	8	0.21	< 10	< 10	85	< 10	68
R2004	205 226	67	0.04	3	220	6	< 2	< 1	62	0.01	< 10	< 10	3	< 10	8
R2005	205 226	61	0.05	4	160	2	< 2	< 1	11	0.01	< 10	< 10	6	< 10	6
R2006	205 226	81	0.06	91	180	6	< 2	3	17	0.18	< 10	< 10	71	< 10	78
R2007	205 226	8	0.10	43	230	< 2	< 2	11	21	0.20	< 10	< 10	180	30	66
R2008	205 226	5	0.05	6	180	12	< 2	< 1	21	0.01	< 10	< 10	4	< 10	34
R2009	205 226	< 1	0.02	97	1170	6	< 2	3	390	< 0.01	< 10	< 10	17	< 10	72
R2010	205 226	68	0.08	128	150	6	< 2	16	14	0.20	< 10	< 10	306	50	36
R2011	205 226	63	0.25	33	240	< 2	8	13	21	0.16	< 10	< 10	102	< 10	30
R2012	205 226	19	0.14	37	310	< 2	8	15	12	0.26	< 10	< 10	179	< 10	52
R2013	205 226	56	0.06	22	170	< 2	< 2	8	4	0.14	< 10	< 10	57	< 10	28
R2014	205 226	< 1	0.05	62	560	6	2	2	46	0.26	< 10	< 10	49	< 10	60
R2015	205 226	10	0.11	28	310	< 2	< 2	11	19	0.16	< 10	< 10	149	< 10	52
R2016	205 226	12	0.08	17	180	< 2	< 2	5	11	0.14	< 10	< 10	59	< 10	26
R3001	205 226	< 1	0.11	49	240	< 2	< 2	17	36	0.05	< 10	< 10	233	< 10	74
R3002	205 226	< 1	0.19	104	10	< 2	< 2	1	38	0.09	< 10	< 10	50	< 10	40
R3003	205 226	< 1	0.12	19	460	< 2	< 2	5	14	0.10	< 10	< 10	93	< 10	38
R3004	205 226	1	0.12	28	360	< 2	< 2	7	19	0.08	< 10	< 10	76	< 10	40
R3005	205 226	< 1	0.14	2	330	< 2	< 2	8	7	0.13	< 10	< 10	262	< 10	24
R3007	205 226	< 1	0.11	42	550	2	< 2	6	56	0.18	< 10	< 10	136	< 10	54
R3008	205 226	< 1	0.10	3	460	< 2	2	10	28	0.10	< 10	< 10	49	< 10	48
R3010	205 226	3	0.25	32	280	2	< 2	4	34	0.14	< 10	< 10	62	< 10	32
R3011	205 226	< 1	0.34	60	240	< 2	< 2	1	37	0.07	< 10	< 10	42	< 10	42
R3012	205 226	< 1	0.15	36	280	< 2	< 2	6	17	0.11	< 10	< 10	86	< 10	40
R3013	205 226	< 1	0.01	3	< 10	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	2	< 10	< 2
R3014	205 226	< 1	0.05	36	300	2	< 2	5	118	0.17	< 10	< 10	194	< 10	96
R3015	205 226	< 1	0.01	219	1190	2	< 2	1	83	0.22	< 10	< 10	82	< 10	28
R3016	205 226	< 1	0.26	40	230	< 2	< 2	4	20	0.08	< 10	< 10	48	< 10	30
R3017	205 226	< 1	0.12	38	280	< 2	< 2	8	4	0.11	< 10	< 10	135	< 10	66
R3018	205 226	< 1	0.19	11	360	< 2	< 2	6	68	0.06	< 10	< 10	46	< 10	28
R3019	205 226	< 1	0.06	35	310	< 2	< 2	5	15	0.07	< 10	< 10	95	< 10	20
R-H1	205 226	< 1	0.01	5	10	2	< 2	< 1	2	< 0.01	< 10	< 10	5	< 10	2
R-H3	205 226	< 1	0.03	43	830	8	< 2	1	47	0.15	< 10	< 10	46	< 10	34
R-H4	205 226	< 1	0.03	50	900	4	< 2	1	81	0.12	< 10	< 10	41	< 10	32
R-H5	205 226	< 1	0.02	14	270	8	< 2	< 1	23	0.03	< 10	< 10	6	< 10	14
R-H6	205 226	< 1	0.05	22	260	4	< 2	1	31	0.07	< 10	< 10	21	< 10	36
R-H7	205 226	< 1	0.06	18	350	10	< 2	2	42	0.07	< 10	< 10	23	< 10	26
R-H8	205 226	2	0.05	42	570	12	< 2	2	46	0.12	< 10	< 10	35	< 10	54

CERTIFICATION: *Hart Buchler*



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R.3021-3090
R13001 (Sunset) A9634498

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R.3017 2023

CERTIFICATE

A9634498

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Project:
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-OCT-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	60	Geochem ring to approx 150 mesh
226	60	0-3 Kg crush and split
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229	60	ICP - AQ Digestion charge

* NOTE 1:

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2121	60	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	60	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	60	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	60	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	60	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	60	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	60	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	60	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	60	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	60	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	60	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	60	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	60	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	60	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	60	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	60	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	60	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	60	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	60	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	60	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	60	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	60	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	60	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	60	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	60	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	60	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	60	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	60	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	60	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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Page Number : 1-A
Total Pages : 2
Certificate Date: 10-OCT-96
Invoice No. : 19634498
P.O. Number :
Account : NXV

Project :
Comments: ATTN: JEANETTE LOURIM

CERTIFICATE OF ANALYSIS A9634498

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
R1101	205 226	25	0.2	1.51	4	< 10	< 0.5	< 2	1.57	< 0.5	68	116	322	4.21	< 10	< 1	< 0.01	< 10	0.33	245
R1102	205 226	10	< 0.2	1.51	< 2	< 10	< 0.5	< 2	1.58	< 0.5	44	82	363	3.49	< 10	< 1	< 0.01	20	0.36	175
R1103	205 226	< 5	< 0.2	2.98	< 2	< 10	< 0.5	< 2	1.95	< 0.5	18	98	173	1.57	< 10	< 1	0.01	< 10	0.50	240
R1104	205 226	< 5	< 0.2	1.08	2	10	< 0.5	< 2	0.87	< 0.5	36	48	177	10.45	< 10	< 1	0.01	< 10	0.30	160
R1105	205 226	< 5	< 0.2	1.38	< 2	< 10	< 0.5	< 2	0.55	< 0.5	19	55	136	11.65	< 10	< 1	0.03	< 10	0.60	275
R2017	205 226	45	< 0.2	0.34	2	60	< 0.5	< 2	0.56	< 0.5	3	68	13	0.76	< 10	< 1	0.18	< 10	0.12	150
R2018	205 226	< 5	< 0.2	0.32	8	70	< 0.5	< 2	0.40	< 0.5	2	69	9	0.72	< 10	< 1	0.17	< 10	0.10	155
R2019	205 226	550	11.8	3.08	88	10	0.5	20	0.81	< 0.5	47	244	56	8.36	< 10	3	1.39	< 10	1.96	510
R2020	205 226	35	0.6	1.19	14	80	< 0.5	< 2	3.36	< 0.5	23	97	171	2.29	< 10	< 1	0.29	< 10	0.92	525
R2022	205 226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	< 2	0.06	< 0.5	1	136	14	0.21	< 10	< 1	< 0.01	< 10	0.03	50
R2023	205 226	< 5	0.4	1.45	< 2	50	< 0.5	< 2	1.42	< 0.5	16	101	100	1.90	< 10	1	0.23	< 10	0.95	295
R3021	205 226	< 5	< 0.2	1.47	< 2	90	< 0.5	< 2	0.91	< 0.5	13	98	7	1.87	< 10	< 1	0.29	30	0.97	320
R3022	205 226	< 5	< 0.2	1.37	2	80	< 0.5	< 2	0.53	< 0.5	12	154	16	2.07	< 10	< 1	0.28	30	0.92	300
R3023	205 226	< 5	< 0.2	1.48	< 2	170	< 0.5	< 2	1.26	< 0.5	8	103	11	1.56	< 10	< 1	0.81	10	1.03	275
R3024	205 226	< 5	< 0.2	2.27	2	10	< 0.5	< 2	0.94	< 0.5	19	127	4	2.60	< 10	< 1	0.02	< 10	1.73	430
R3025	205 226	< 5	< 0.2	3.84	2	10	< 0.5	< 2	0.82	< 0.5	42	152	34	4.50	< 10	1	0.03	< 10	3.53	635
R3027	205 226	< 5	< 0.2	1.42	< 2	< 10	< 0.5	< 2	1.75	< 0.5	8	51	20	4.53	< 10	< 1	0.07	< 10	0.29	660
R3028	205 226	2550	< 0.2	1.36	< 2	30	< 0.5	< 2	1.03	< 0.5	12	43	12	4.77	< 10	< 1	0.12	< 10	0.65	460
R3030	205 226	20	< 0.2	3.39	< 2	10	< 0.5	< 2	0.65	< 0.5	34	133	16	4.49	< 10	< 1	0.01	< 10	3.11	685
R3031	205 226	15	< 0.2	3.19	< 2	10	< 0.5	< 2	0.58	< 0.5	31	111	90	4.01	< 10	1	0.03	< 10	2.70	540
R3032	205 226	15	< 0.2	1.38	< 2	< 10	< 0.5	< 2	0.61	< 0.5	17	75	139	2.22	< 10	< 1	0.01	< 10	0.94	275
R3033	205 226	< 5	0.2	2.56	2	10	< 0.5	< 2	1.33	< 0.5	24	87	96	3.73	< 10	1	0.04	< 10	1.78	470
R3034	205 226	< 5	< 0.2	1.49	52	< 10	< 0.5	< 2	0.63	< 0.5	16	76	108	2.36	< 10	< 1	< 0.01	< 10	1.05	275
R3035	205 226	< 5	< 0.2	0.20	20	70	< 0.5	< 2	0.83	< 0.5	10	111	6	1.36	< 10	< 1	0.08	10	0.28	380
R3036	205 226	10	< 0.2	1.77	< 2	100	< 0.5	< 2	0.87	< 0.5	60	49	512	4.20	< 10	< 1	0.35	< 10	1.05	285
R3040	205 226	< 5	0.2	1.43	2	70	< 0.5	< 2	0.09	< 0.5	7	66	8	1.64	< 10	< 1	0.11	< 10	1.21	180
R3041	205 226	< 5	< 0.2	1.12	< 2	90	< 0.5	< 2	0.73	< 0.5	14	63	24	1.12	< 10	< 1	0.15	40	0.71	215
R3042	205 226	< 5	0.2	1.37	< 2	110	< 0.5	< 2	0.33	< 0.5	8	65	24	1.18	< 10	< 1	0.10	10	1.28	150
R3043	205 226	< 5	< 0.2	1.95	< 2	50	< 0.5	< 2	1.99	< 0.5	6	45	12	1.54	< 10	< 1	0.11	30	1.77	455
R3044	205 226	10	0.2	0.27	6	30	< 0.5	< 2	0.98	< 0.5	5	166	5	0.92	< 10	< 1	0.08	< 10	0.29	155
R3045	205 226	< 5	< 0.2	1.58	< 2	< 10	< 0.5	< 2	0.96	< 0.5	18	90	99	2.83	< 10	< 1	0.02	< 10	1.03	385
R3047	205 226	< 5	0.2	1.64	12	120	< 0.5	< 2	1.09	< 0.5	20	164	50	1.76	< 10	< 1	0.75	50	0.92	325
R3048	205 226	< 5	< 0.2	3.06	< 2	190	< 0.5	< 2	1.82	< 0.5	26	130	26	5.48	< 10	1	1.03	30	2.17	1005
R3050	205 226	< 5	0.2	3.53	< 2	350	0.5	< 2	2.78	< 0.5	23	189	75	4.24	< 10	1	2.54	40	2.67	725
R3052	205 226	< 5	< 0.2	1.22	< 2	10	< 0.5	< 2	0.86	< 0.5	10	20	61	3.10	< 10	< 1	0.05	< 10	0.83	255
R3054	205 226	< 5	< 0.2	1.38	< 2	10	< 0.5	< 2	1.92	< 0.5	11	32	18	3.78	< 10	< 1	0.06	< 10	0.64	435
R3055	205 226	< 5	< 0.2	3.93	< 2	30	< 0.5	< 2	0.37	< 0.5	12	100	48	4.08	< 10	1	0.13	< 10	3.47	520
R3070	205 226	< 5	< 0.2	1.29	< 2	170	< 0.5	< 2	0.36	< 0.5	10	104	5	1.83	< 10	< 1	0.77	< 10	0.70	190
R3071A	205 226	< 5	< 0.2	2.36	4	280	< 0.5	< 2	0.52	< 0.5	29	131	29	4.33	< 10	1	1.02	10	1.34	885
R3071B	205 226	< 5	0.2	2.57	< 2	250	< 0.5	< 2	0.39	0.5	38	131	45	4.05	< 10	< 1	1.29	10	1.48	705

CERTIFICATION:

Handwritten signature



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project:
Comments: ATTN: JEANETTE LOURIM

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Certificate Date : 10 OCT 96
Invoice No : 19634498
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CERTIFICATE OF ANALYSIS

A9634498

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
R1101	205 226	3	< 0.01	110	150	2	< 2	4	5	0.16	< 10	< 10	38	< 10	204
R1102	205 226	1	< 0.01	62	220	2	< 2	1	6	0.08	< 10	< 10	11	< 10	188
R1103	205 226	1	0.21	46	250	< 2	< 2	4	17	0.08	< 10	< 10	38	< 10	40
R1104	205 226	< 1	0.10	36	240	2	< 2	3	14	0.15	< 10	< 10	34	< 10	24
R1105	205 226	< 1	0.05	29	250	2	< 2	2	7	0.21	< 10	< 10	47	< 10	22
R2017	205 226	4	0.04	5	180	8	< 2	< 1	29	0.02	< 10	< 10	4	< 10	22
R2018	205 226	6	0.05	4	200	10	2	< 1	26	0.02	< 10	< 10	4	< 10	34
R2019	205 226	190	0.20	130	190	8	< 2	14	23	0.11	< 10	< 10	257	30	40
R2020	205 226	37	0.07	63	110	2	< 2	4	40	0.08	< 10	< 10	46	60	16
R2022	205 226	1	< 0.01	4	< 10	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	1	< 10	< 2
R2023	205 226	53	0.12	41	110	< 2	< 2	6	17	0.13	< 10	< 10	51	< 10	18
R3021	205 226	1	0.01	86	850	2	< 2	3	72	0.10	< 10	< 10	13	< 10	48
R3022	205 226	5	0.03	78	710	14	< 2	4	101	0.12	< 10	< 10	28	< 10	56
R3023	205 226	1	0.05	34	430	6	< 2	1	75	0.10	< 10	< 10	23	< 10	48
R3024	205 226	1	0.01	37	160	2	< 2	2	21	0.19	< 10	< 10	38	< 10	28
R3025	205 226	2	0.05	163	170	2	< 2	1	22	0.12	< 10	< 10	42	< 10	44
R3027	205 226	2	0.13	3	1540	2	< 2	8	7	0.04	< 10	< 10	1	< 10	68
R3028	205 226	3	0.08	4	1000	< 2	< 2	7	10	0.06	< 10	< 10	51	< 10	56
R3030	205 226	< 1	0.02	117	170	30	< 2	1	8	0.15	< 10	< 10	41	< 10	56
R3031	205 226	1	0.04	119	180	< 2	< 2	1	11	0.15	< 10	< 10	44	< 10	54
R3032	205 226	< 1	0.06	42	140	< 2	< 2	2	7	0.10	< 10	< 10	34	< 10	28
R3033	205 226	1	0.07	58	240	< 2	< 2	6	49	0.21	< 10	< 10	74	< 10	46
R3034	205 226	1	0.06	38	200	< 2	< 2	3	8	0.12	< 10	< 10	45	< 10	26
R3035	205 226	1	0.01	21	420	4	< 2	1	42	< 0.01	< 10	< 10	5	< 10	8
R3036	205 226	1	0.09	37	330	< 2	< 2	6	16	0.11	< 10	< 10	76	< 10	152
R3040	205 226	4	0.01	72	230	12	< 2	< 1	47	0.02	< 10	< 10	8	< 10	42
R3041	205 226	1	0.04	67	920	2	< 2	3	120	0.08	< 10	< 10	18	< 10	66
R3042	205 226	9	0.03	42	300	20	< 2	1	61	0.03	< 10	< 10	10	< 10	38
R3043	205 226	1	0.01	40	270	10	< 2	1	129	0.06	< 10	< 10	15	< 10	50
R3044	205 226	3	0.01	26	160	14	< 2	1	46	0.02	< 10	< 10	7	< 10	16
R3045	205 226	< 1	0.10	40	180	2	< 2	6	7	0.14	< 10	< 10	69	< 10	32
R3047	205 226	2	0.03	114	850	28	< 2	4	134	0.14	< 10	< 10	26	< 10	54
R3048	205 226	4	< 0.01	189	670	10	< 2	5	195	0.14	< 10	< 10	43	< 10	174
R3050	205 226	3	0.02	65	1580	6	< 2	5	141	0.25	< 10	< 10	111	< 10	66
R3052	205 226	1	0.07	11	510	4	< 2	5	16	0.15	< 10	< 10	94	< 10	26
R3054	205 226	1	0.09	4	1380	< 2	< 2	8	17	0.06	< 10	< 10	5	< 10	46
R3055	205 226	< 1	0.03	28	330	< 2	< 2	4	19	0.12	< 10	< 10	77	< 10	60
R3070	205 226	1	0.07	25	400	12	< 2	1	78	0.11	< 10	< 10	21	< 10	32
R3071A	205 226	1	0.02	82	690	26	< 2	6	22	0.22	< 10	< 10	71	< 10	116
R3071B	205 226	2	0.03	95	630	14	< 2	5	22	0.21	< 10	< 10	67	< 10	184

CERTIFICATION:

Hart Buchler



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B.H. 1
RH-10
R-P1-7

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Certificate Date: 24-SEP-96
Invoice No. : I9631968
P.O. Number :
Account : NXV

Project :
Comments: ATTN: JEANETTE LOURIM CC: MIKE PICKENS

CERTIFICATE OF ANALYSIS A9631968

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
R-H9	205	226	< 5	< 0.2	1.59	< 2	270	< 0.5	< 2	0.43	< 0.5	13	125	9	2.18	< 10	< 1	1.01	20	1.22	310
R-H10	205	226	< 5	< 0.2	1.15	< 2	200	< 0.5	< 2	0.26	< 0.5	9	210	16	1.55	< 10	< 1	0.79	10	0.75	210
R-P1	205	226	1590	2.2	3.65	66	80	< 0.5	< 2	2.48	< 0.5	39	56	87	8.31	10	< 1	1.07	< 10	2.61	975
R-P2	205	226	1200	0.6	3.08	8	60	< 0.5	2	1.78	< 0.5	35	40	299	5.33	10	< 1	0.19	< 10	0.69	220
R-P3	205	226	170	1.0	3.47	< 2	30	< 0.5	< 2	1.71	< 0.5	51	26	155	7.88	10	< 1	0.20	< 10	0.71	145
R-P3A	205	226	185	1.4	2.88	22	50	< 0.5	< 2	1.23	< 0.5	31	38	125	7.72	10	< 1	0.37	< 10	0.72	160
R-P4	205	226	145	0.8	5.42	6	90	0.5	< 2	1.75	< 0.5	52	100	140	8.26	10	< 1	0.91	< 10	1.95	415
R-P5	205	226	20	< 0.2	3.32	< 2	< 10	< 0.5	< 2	2.05	< 0.5	33	44	89	4.87	10	< 1	0.02	< 10	2.60	450
R-P6	205	226	575	1.8	4.80	28	50	< 0.5	< 2	0.90	< 0.5	32	219	121	8.54	10	< 1	0.72	< 10	2.53	535
R-P7	205	226	110	1.0	2.86	2	70	< 0.5	< 2	0.36	< 0.5	14	148	176	3.19	10	< 1	0.86	< 10	2.04	385

CERTIFICATION: Mike Pickens



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**

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 P.O. Number :
 Account :NXV

Project :
 Comments: ATTN: JEANETTE LOURIM CC: MIKE PICKENS

CERTIFICATE OF ANALYSIS A9631968

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
R-H9	205	226	< 1	0.04	55	690	2	< 2	3	39	0.14	< 10	< 10	39	< 10	56
R-H10	205	226	< 1	0.05	42	430	6	2	2	25	0.09	< 10	< 10	27	< 10	38
R-P1	205	226	< 1	0.05	56	270	46	< 2	15	60	0.20	< 10	< 10	483	< 10	124
R-P2	205	226	< 1	0.19	28	240	< 2	< 2	6	100	0.07	< 10	< 10	352	< 10	28
R-P3	205	226	< 1	0.34	40	280	< 2	< 2	5	84	0.05	< 10	< 10	713	10	44
R-P3A	205	226	< 1	0.19	28	360	< 2	< 2	13	57	0.09	< 10	< 10	430	< 10	30
R-P4	205	226	< 1	0.28	47	390	< 2	< 2	16	109	0.11	< 10	< 10	252	< 10	72
R-P5	205	226	< 1	0.10	87	260	< 2	< 2	7	35	0.08	< 10	< 10	108	< 10	66
R-P6	205	226	< 1	0.14	56	290	2	6	26	28	0.16	< 10	< 10	255	< 10	122
R-P7	205	226	< 1	0.08	40	270	2	< 2	7	15	0.10	< 10	< 10	89	< 10	80

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Page Number : 1-A
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Invoice No. : I9635654
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Account : NXV

Project :
Comments: ATTN: JEANETTE LOURIM

RH-11 CO RH-13

CERTIFICATE OF ANALYSIS

A9635654

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
RH-11	205	226	< 5	< 0.2	1.78	4	110	< 0.5	< 2	0.39	< 0.5	17	83	13	2.23	< 10	< 1	0.57	20	1.16	245
RH-12	205	226	< 5	< 0.2	2.40	< 2	360	< 0.5	< 2	0.50	< 0.5	21	203	11	3.53	10	< 1	1.73	30	1.84	450
RH-13	205	226	< 5	< 0.2	1.75	< 2	460	< 0.5	2	0.82	< 0.5	20	185	49	2.87	< 10	< 1	0.92	30	1.42	445

CERTIFICATION: *Haut Buchler*



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Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: LOURIM, JEANETTE & ASSOCIATES
CONSULTING GEOLOGISTS
219 HOWLAND AVE.
TORONTO, ON
M5R 3B7

**

Page Number : 1-B
Total Pages : 1
Certificate Date: 19-OCT-96
Invoice No. : I9635654
P.O. Number :
Account : NXV

Project :
Comments: ATTN: JEANETTE LOURIM

CERTIFICATE OF ANALYSIS

A9635654

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RH-11	205	226	< 1	0.04	104	410	6	< 2	1	60	0.10	< 10	< 10	25	< 10	52
RH-12	205	226	< 1	0.04	113	680	< 2	< 2	7	53	0.20	< 10	< 10	76	< 10	78
RH-13	205	226	< 1	0.05	112	560	< 2	< 2	6	75	0.14	< 10	< 10	62	< 10	58

CERTIFICATION:

[Handwritten Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: LOURIM, JEANETTE & ASSOCIATES
CONSULTING GEOLOGISTS
219 HOWLAND AVE.
TORONTO, ON
M5R 3B7

Page Number : 1-A
Total Pages : 1
Certificate Date: 02-NOV-96
Invoice No. : 19638043
P.O. Number :
Account : NXV

Project :
Comments: ATTN: JEANETTE LOURIM

RR-101-105, RH 7A, 8A

CERTIFICATE OF ANALYSIS

A9638043

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
P-103	248	226	530	1.0	2.98	12	60	< 0.5	< 2	0.31	< 0.5	68	< 1	174	9.03	20	< 1	0.71	< 10	1.95	425
P-104	248	226	10	< 0.2	1.03	8	80	< 0.5	< 2	0.22	< 0.5	6	9	19	1.58	10	< 1	0.15	< 10	0.60	260
P-105	248	226	< 5	< 0.2	3.03	< 2	60	< 0.5	< 2	0.63	< 0.5	25	99	5	3.57	10	< 1	0.25	30	3.68	425
R-H-7A	248	226	< 5	< 0.2	0.63	< 2	60	< 0.5	< 2	0.14	< 0.5	5	17	13	0.75	< 10	< 1	0.33	10	0.32	115
R-H-8A	205	226	< 5	< 0.2	1.60	< 2	280	< 0.5	< 2	0.64	< 0.5	12	110	46	2.04	10	< 1	1.14	20	1.22	315
R-P-101	248	226	2210	3.4	2.46	46	30	< 0.5	< 2	0.39	< 0.5	28	3	220	11.00	10	< 1	0.27	< 10	1.38	320
R-P-102	248	226	755	0.8	3.02	16	80	0.5	2	1.26	< 0.5	40	2	107	6.75	10	< 1	0.58	< 10	1.02	245

CERTIFICATION: *Hart Bickler*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

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TORONTO, ON
M5R 3B7

**

Page Number : 1-B
Total Pages : 1
Certificate Date: 02-NOV-96
Invoice No. : 19638043
P.O. Number :
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Project :
Comments: ATTN: JEANETTE LOURIM

CERTIFICATE OF ANALYSIS

A9638043

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
P-103	248	226	< 1	0.01	49	290	4	4	27	12	0.18	< 10	< 10	706	30	70
P-104	248	226	< 1	0.03	18	220	20	< 2	1	20	0.02	< 10	< 10	15	< 10	66
P-105	248	226	< 1	< 0.01	102	690	10	2	2	95	0.02	< 10	< 10	27	< 10	102
R-H-7A	248	226	< 1	0.01	24	350	4	< 2	1	13	0.04	< 10	< 10	10	< 10	20
R-H-8A	205	226	1	0.04	73	530	6	< 2	3	44	0.13	< 10	< 10	43	< 10	58
R-P-101	248	226	2	0.06	33	320	12	2	18	28	0.18	< 10	< 10	497	10	50
R-P-102	248	226	< 1	0.27	46	300	< 2	2	12	71	0.14	< 10	< 10	430	10	52

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 5175 Timberlea Blvd., Mississauga
 Ontario, Canada L4W 2S3
 PHONE: 905-624-2806 FAX: 905-624-6163

To: LOURIM, JEANETTE & ASSOCIATES
 CONSULTING GEOLOGISTS
 219 HOWLAND AVE.
 TORONTO, ON
 M5R 3B7

**

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 24-SEP-96
 Invoice No. : 19631967
 P.O. Number :
 Account : NXV

Project :
 Comments: ATTN: JEANETTE LOURIM CC: MIKE PICKENS

CERTIFICATE OF ANALYSIS A9631967

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
S1124	201	229	< 5	< 0.2	2.08	6	50	< 0.5	< 2	0.13	< 0.5	10	37	30	2.66	< 10	< 1	0.03	< 10	0.39	140
S1125	201	229	< 5	< 0.2	1.14	< 2	30	< 0.5	< 2	0.15	< 0.5	6	23	19	1.21	< 10	< 1	0.01	< 10	0.33	100
S1126	201	229	< 5	< 0.2	2.63	< 2	80	< 0.5	< 2	0.16	< 0.5	14	38	36	2.52	< 10	< 1	0.03	< 10	0.46	175
S2001	201	229	< 5	0.2	1.30	< 2	40	< 0.5	< 2	0.20	< 0.5	5	19	4	1.33	< 10	< 1	0.02	< 10	0.25	100
S2002	201	229	10	0.2	1.26	10	40	< 0.5	< 2	0.22	< 0.5	8	35	18	1.82	< 10	< 1	0.04	< 10	0.46	185
S2003	201	229	15	1.4	2.26	< 2	80	< 0.5	< 2	0.15	< 0.5	13	21	27	2.44	< 10	< 1	0.04	< 10	0.32	180
S3001	201	229	< 5	< 0.2	1.05	< 2	40	< 0.5	< 2	0.21	< 0.5	11	27	18	1.79	< 10	< 1	0.01	10	0.36	240
S3002	201	229	< 5	< 0.2	2.61	< 2	100	< 0.5	< 2	0.10	< 0.5	4	24	58	3.37	10	< 1	0.04	< 10	0.19	125
S3003	201	229	< 5	< 0.2	1.08	< 2	30	< 0.5	< 2	0.14	< 0.5	4	18	5	1.10	< 10	< 1	0.01	< 10	0.24	80
S3004	201	229	< 5	< 0.2	1.54	< 2	60	< 0.5	< 2	0.20	< 0.5	7	21	4	1.61	< 10	< 1	0.03	< 10	0.31	140
S3005	201	229	< 5	< 0.2	2.13	2	80	< 0.5	< 2	0.24	< 0.5	9	26	20	2.22	< 10	< 1	0.06	< 10	0.36	150
S3006	201	229	< 5	< 0.2	1.02	< 2	50	< 0.5	< 2	0.26	< 0.5	5	16	4	1.24	< 10	< 1	0.06	< 10	0.21	100
S3007	201	229	< 5	< 0.2	2.08	< 2	110	< 0.5	< 2	0.18	< 0.5	19	298	13	2.13	< 10	< 1	0.05	< 10	0.54	415
S3008	201	229	< 5	< 0.2	1.42	< 2	50	< 0.5	< 2	0.34	< 0.5	9	53	16	1.72	< 10	< 1	0.05	< 10	0.51	170
S3009	201	229	< 5	< 0.2	0.96	6	40	< 0.5	< 2	0.17	< 0.5	5	18	4	1.14	< 10	< 1	0.03	< 10	0.22	145
S3010	201	229	< 5	< 0.2	1.70	< 2	60	< 0.5	< 2	0.19	< 0.5	6	27	15	1.72	< 10	< 1	0.03	< 10	0.31	150
S3011	201	229	< 5	< 0.2	2.90	< 2	100	< 0.5	< 2	0.15	< 0.5	12	41	31	3.22	< 10	< 1	0.05	10	0.55	190
S3012	201	229	< 5	< 0.2	2.11	< 2	100	< 0.5	< 2	0.24	< 0.5	10	20	63	2.26	< 10	< 1	0.04	< 10	0.43	310
S3013	201	229	10	< 0.2	2.03	< 2	100	< 0.5	< 2	0.22	< 0.5	13	29	14	2.50	< 10	< 1	0.05	< 10	0.51	225
S3014	201	229	< 5	< 0.2	2.05	6	90	< 0.5	< 2	0.20	< 0.5	7	28	39	1.72	< 10	< 1	0.03	10	0.31	125
S3015	201	229	< 5	< 0.2	0.70	< 2	40	< 0.5	< 2	0.16	< 0.5	4	17	3	1.14	< 10	< 1	0.04	< 10	0.22	115
S3016	201	229	< 5	< 0.2	1.47	< 2	30	< 0.5	< 2	0.14	< 0.5	9	55	8	1.97	< 10	< 1	0.03	< 10	0.59	130
S3017	201	229	< 5	< 0.2	0.92	< 2	30	< 0.5	< 2	0.12	< 0.5	5	27	7	0.87	< 10	< 1	0.01	< 10	0.27	70
S3018	201	229	< 5	< 0.2	1.16	< 2	40	< 0.5	< 2	0.12	< 0.5	6	22	6	1.69	< 10	< 1	0.04	< 10	0.34	110
S3019	201	229	< 5	< 0.2	2.70	< 2	120	0.5	< 2	0.15	< 0.5	11	104	46	2.42	10	< 1	0.03	10	0.56	85
S3020	201	229	< 5	< 0.2	3.24	< 2	110	0.5	< 2	0.14	< 0.5	20	28	61	3.82	10	< 1	0.05	10	0.27	370
S3021	201	229	< 5	< 0.2	1.17	< 2	50	< 0.5	< 2	0.19	< 0.5	6	16	6	1.38	< 10	< 1	0.01	< 10	0.21	90
S3022	201	229	< 5	< 0.2	2.14	< 2	80	< 0.5	< 2	0.17	< 0.5	7	23	13	2.00	< 10	< 1	0.03	< 10	0.24	115
S3023	201	229	< 5	< 0.2	2.55	< 2	70	< 0.5	< 2	0.12	< 0.5	7	52	37	2.92	10	< 1	0.04	< 10	0.77	165
S3024	201	229	< 5	< 0.2	1.38	< 2	40	< 0.5	< 2	0.17	< 0.5	6	18	5	1.31	< 10	< 1	0.04	< 10	0.24	90
S3025	205	203	< 5	< 0.2	4.26	< 2	400	0.5	< 2	1.18	0.5	33	305	81	4.89	10	< 1	0.36	50	3.01	5600
S3026	205	203	< 5	0.4	4.47	< 2	210	1.0	< 2	1.12	< 0.5	22	192	96	3.83	10	< 1	0.20	60	1.74	845
S3027	201	229	< 5	< 0.2	2.27	< 2	60	< 0.5	< 2	0.16	< 0.5	8	26	31	2.63	< 10	< 1	0.03	< 10	0.28	120
S3028	201	229	< 5	< 0.2	1.71	< 2	90	< 0.5	< 2	0.19	< 0.5	9	27	13	1.99	< 10	< 1	0.05	10	0.40	205

CERTIFICATION: _____

Handwritten signature



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 5175 Timberlea Blvd., Mississauga
 Ontario, Canada L4W 2S3
 PHONE: 905-624-2806 FAX: 905-624-6163

To: LOURIM, JEANETTE & ASSOCIATES
 CONSULTING GEOLOGISTS
 219 HOWLAND AVE.
 TORONTO, ON
 M5R 3B7

**

Page Number : 1-B
 Total Pages : 1
 Certificate Date: 24-SEP-96
 Invoice No. : I9631967
 P.O. Number :
 Account : NXV

Project :
 Comments: ATTN: JEANETTE LOURIM CC: MIKE PICKENS

CERTIFICATE OF ANALYSIS A9631967

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S1124	201	229	< 1	< 0.01	26	190	8	< 2	3	7	0.10	< 10	< 10	56	< 10	34
S1125	201	229	< 1	< 0.01	15	90	2	< 2	2	10	0.08	< 10	< 10	25	< 10	20
S1126	201	229	< 1	< 0.01	34	250	6	< 2	3	13	0.10	< 10	< 10	48	< 10	38
S2001	201	229	< 1	< 0.01	10	190	8	< 2	2	13	0.09	< 10	< 10	34	< 10	58
S2002	201	229	10	< 0.01	20	100	4	< 2	3	13	0.11	< 10	< 10	54	< 10	60
S2003	201	229	20	< 0.01	27	250	6	< 2	2	8	0.09	< 10	< 10	56	< 10	62
S3001	201	229	< 1	< 0.01	16	150	2	< 2	3	13	0.07	< 10	< 10	33	< 10	34
S3002	201	229	1	0.01	9	400	14	< 2	3	5	0.04	< 10	< 10	74	< 10	44
S3003	201	229	< 1	< 0.01	10	80	6	< 2	1	10	0.08	< 10	< 10	26	< 10	18
S3004	201	229	< 1	< 0.01	14	100	2	< 2	2	15	0.09	< 10	< 10	35	< 10	30
S3005	201	229	< 1	< 0.01	25	450	6	< 2	2	13	0.10	< 10	< 10	43	< 10	70
S3006	201	229	< 1	< 0.01	8	280	4	< 2	1	13	0.06	< 10	< 10	25	< 10	36
S3007	201	229	< 1	< 0.01	74	280	8	< 2	2	15	0.07	< 10	< 10	40	< 10	56
S3008	201	229	< 1	< 0.01	43	120	8	< 2	2	21	0.10	< 10	< 10	36	< 10	64
S3009	201	229	< 1	< 0.01	11	170	4	< 2	1	12	0.07	< 10	< 10	23	< 10	20
S3010	201	229	< 1	< 0.01	19	210	6	< 2	1	11	0.09	< 10	< 10	37	< 10	26
S3011	201	229	< 1	< 0.01	30	170	6	< 2	4	17	0.10	< 10	< 10	58	< 10	40
S3012	201	229	< 1	< 0.01	23	210	6	< 2	3	12	0.09	< 10	< 10	87	< 10	42
S3013	201	229	< 1	< 0.01	20	160	6	< 2	3	12	0.10	< 10	< 10	47	< 10	44
S3014	201	229	< 1	< 0.01	19	160	8	< 2	2	10	0.08	< 10	< 10	36	< 10	28
S3015	201	229	< 1	< 0.01	9	130	4	< 2	1	11	0.06	< 10	< 10	26	< 10	30
S3016	201	229	< 1	< 0.01	30	160	4	2	1	11	0.09	< 10	< 10	39	< 10	30
S3017	201	229	< 1	< 0.01	22	50	6	< 2	1	7	0.05	< 10	< 10	19	< 10	16
S3018	201	229	< 1	< 0.01	15	240	2	< 2	1	7	0.07	< 10	< 10	31	< 10	24
S3019	201	229	< 1	0.01	35	180	12	< 2	1	7	0.04	< 10	< 10	45	< 10	52
S3020	201	229	1	< 0.01	18	520	10	< 2	3	7	0.05	< 10	< 10	58	< 10	60
S3021	201	229	< 1	< 0.01	11	90	4	< 2	1	9	0.07	< 10	< 10	32	< 10	26
S3022	201	229	< 1	< 0.01	20	230	6	< 2	1	11	0.07	< 10	< 10	37	< 10	28
S3023	201	229	< 1	< 0.01	20	320	12	4	3	8	0.07	< 10	< 10	68	< 10	246
S3024	201	229	< 1	< 0.01	11	130	2	2	1	12	0.07	< 10	< 10	25	< 10	38
S3025	205	203	< 1	< 0.01	80	1070	8	< 2	15	40	0.16	< 10	< 10	111	< 10	120
S3026	205	203	< 1	< 0.01	83	1260	10	< 2	9	49	0.16	< 10	< 10	77	< 10	68
S3027	201	229	< 1	< 0.01	19	230	6	< 2	2	8	0.10	< 10	< 10	48	< 10	34
S3028	201	229	< 1	< 0.01	21	200	6	< 2	2	16	0.09	< 10	< 10	38	< 10	38

CERTIFICATION: *[Signature]*



Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use) W9710.00061
Assessment Files Research Imaging

Personal Information
Mining Act, the inform
Questions about thi
933 Ramsey Lake R



52F08NW0005 2.17107 WAPAGEISI LAKE

900

d 66(3) of the Mining Act. Under section 8 of the
work and correspond with the mining land holder.
Northern Development and Mines, 6th Floor,

Instructions: - Please type or print in ink.

2.17107

1. Recorded holder(s) (Attach a list if necessary)

Name Mr. Blaine Webster	Client Number 207197
Address 27 Blue Spruce Lane Thornhill, Ont. L3T 3W8	Telephone Number 905 881-8488
	Fax Number
Name	Client Number
Address	Telephone Number
	Fax Number

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 MAR 14 1997
 MINING LANDS BRANCH

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

- Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
 Physical: drilling, stripping, trenching and associated assays
 Rehabilitation

Work Type Geological Mapping & Geochemical Analyses & Field Supervision	Office Use
	Commodity
	Total \$ Value of Work Claimed 62,833.00
Dates Work Performed From 01 10 95 To 04 12 96 <small>Day Month Year Day Month Year</small>	NTS Reference
Global Positioning System Data (if available)	Mining Division Kenora
Township/Area Boyer L. & Meiggs L. Kawashaganuk L. Wapageisi L.	Resident Geologist District Kenora
M or G-Plan Number G2572, G2688, G2585, G2598	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name JEANETTE LOUBIM & ASSOCIATES	Telephone Number 416 925 1869
Address 219 Howland Ave., Toronto, Ont M5R 3B7	Fax Number
Name G. A. HARRON & ASSOCIATES INC	Telephone Number 905 274 0463
Address 1050 CALDWELL AVE, MISSISSAUGA, ONT L5H 1Z4	Fax Number 905 274 0463
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, **G. A. HARRON** (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent G. A. Harron	Date March 4 1997
Agent's Address 1050 Caldwell Ave. Mississauga Ont L5H 1Z4	Telephone Number 905 274 0463
	Fax Number 905 274 0463

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000		\$4,892
1 1178059	12	4,928	4,800	0	128
2 1178077	12	4,928	4,800	0	128
3 1178078 ✓	12	4,928	4,800	0	128
4 1178079 ✓	15	6,160	6,000	0	160
5 1178080	15	6,160	6,000	0	160
6 1178081	15	6,160	6,000	0	160
7 1178082	15	6,160	6,000	0	160
8 1178083	10	4,107	4,000	0	107
9 1178084 ✓	15	6,160	6,000	0	160
10 1178085	8	3,286	3,200	0	86
11 1178086	12	4,928	4,800	0	128
12 1178087	12	4,928	4,800	0	128
13					
14					
15					
Column Totals		62,833	61,200		

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 MAR 14 1997
 MINING LANDS BRANCH 633

I, G. A. HARRON (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: G. A. Harron Date: March 4 1997

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only KENORA DIVISION

Received Stamp: RECEIVED

MAR - 6 - 1997

Deemed Approved Date <u>JUNE 4, 1997</u>	Date Notification Sent
Date Approved	Total Value of Credit Approved

Approved for Recording by Mining Recorder (Signature)

August 18, 1997

BLAINE RICHARD WEBSTER
27 BLUE SPRUCE LANE
THORNHILL, Ontario
L3T-3W8

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17107

Status

Subject: Transaction Number(s): W9710.00061 Approval After Notice

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jerome_l@torv05.ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.17107

Date Correspondence Sent: August 18, 1997

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9710.00061	1178078	BOYER LAKE, MEGGISI LAKE, WAPAGEISI LAKE	Approval After Notice	July 05, 1997

Section:
12 Geological GEOL

The revisions outlined in the Notice dated May 20, 1997, have been corrected.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

Correspondence to:

Resident Geologist
Kenora, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Gerald A. Harron
MISSISSAUGA, ONTARIO, CANADA

BLAINE RICHARD WEBSTER
THORNHILL, Ontario

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: August 18, 1997

Submission Number: 2.17107

Transaction Number: W9710.00061

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1178078	6,795.00
1178079	3,400.00
1178084	5,000.00
	<hr/>
Total: \$	15,195.00

G-5298

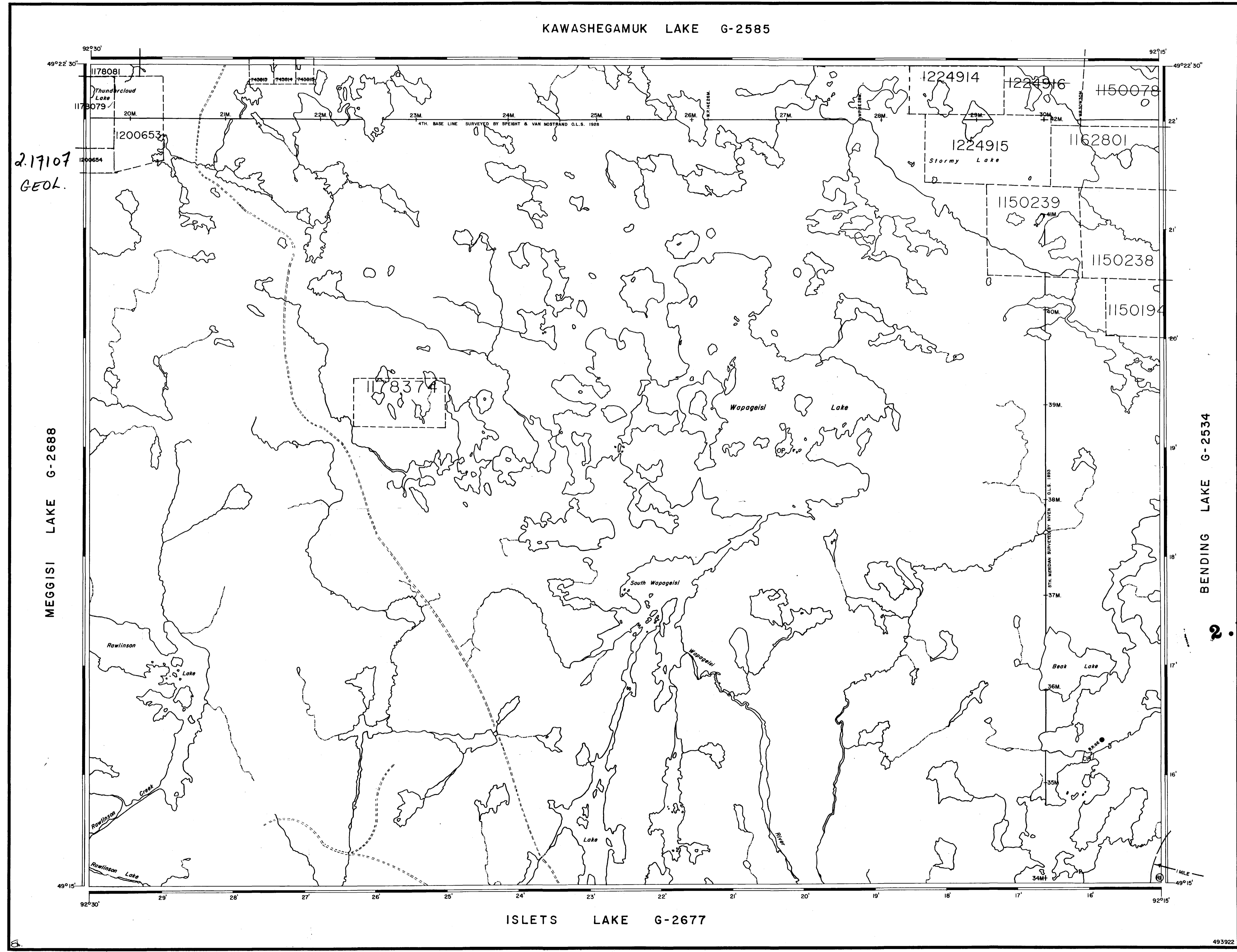
WAPAGEISI LAKE

G-5298

G-5298

WAPAGEISI LAKE

G-5298



KAWASHEGAMUK LAKE G-2585

2.17107
GEOL.

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
 - TOWNSHIPS, BASE LINES, ETC.
 - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
 - LOT LINES
 - PARCEL BOUNDARY
 - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT
- TOURIST CAMPS (OP OUTPOST)

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	○
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	■
" MINING RIGHTS ONLY	■
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1912, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 43, SUBSEC. 1.

REFERENCES

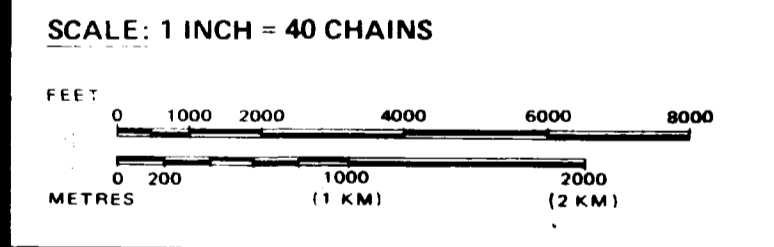
AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
①	W.92/77	11/22/77	S.R.O.	116325

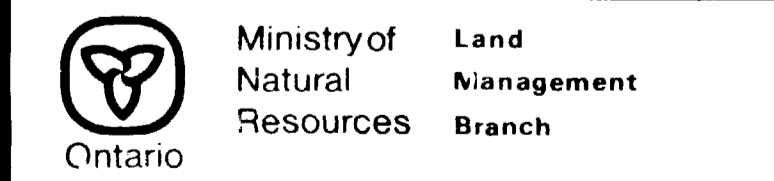
~~2.17027~~

DATE OF ISSUE
 MAR - 7 1987
 KENORA
 MINING DIVISION



AREA
WAPAGEISI LAKE

M.N.R. ADMINISTRATIVE DISTRICT
 DRYDEN
 MINING DIVISION
 KENORA
 LAND TITLES / REGISTRY DIVISION
 KENORA



Date FEBRUARY, 1984 Number
 G-2598



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

KENORA MINING DIVISION
 EFFECTIVE
 JUL 14 1984
 7 8 9 10 11 12 1 2 3 4 5 6

G-5888

MEGGISI LAKE

G-5888

BOYER LAKE G-2572

2.17107
GEOL.

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT
- TOURIST CAMPS (OP-OUTPOST)

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
.. SURFACE RIGHTS ONLY	○
.. MINING RIGHTS ONLY	◐
LEASE, SURFACE & MINING RIGHTS	■
.. SURFACE RIGHTS ONLY	◑
.. MINING RIGHTS ONLY	◒
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊘
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

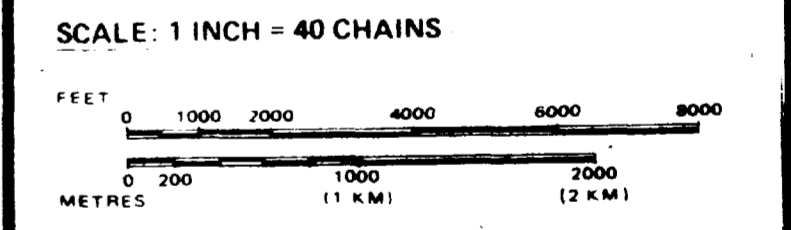
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION				
Description	Order No.	Date	Disposition	File
M.R.O. - MINING RIGHTS ONLY				
S.R.O. - SURFACE RIGHTS ONLY				
M.+S. - MINING AND SURFACE RIGHTS				

UPDATED

2.17181

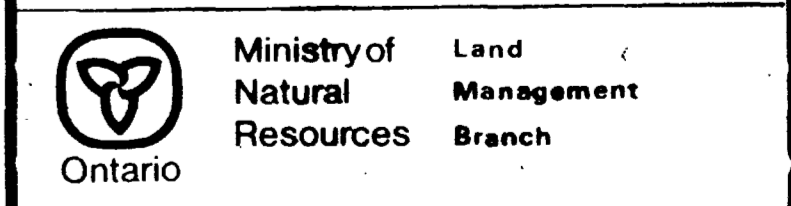
DATE OF ISSUE
MAR - 7 1997
KENORA
MINING DIVISION



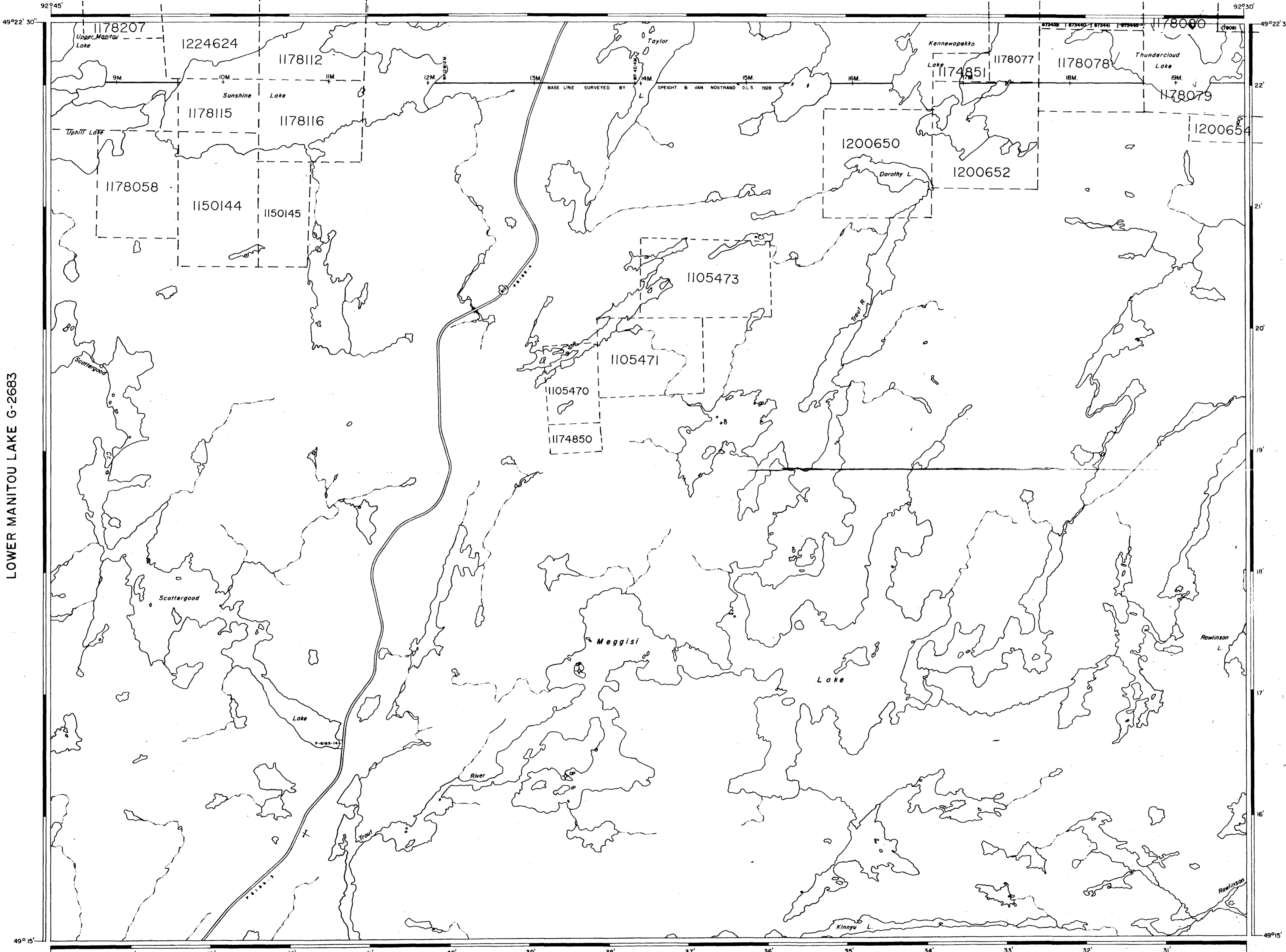
AREA
MEGGISI LAKE
M.N.R. ADMINISTRATIVE DISTRICT
FORT FRANCES/DRYDEN
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA

DATE PUT IN SERVICE
JUL 25 1996
KENORA
MINING DIVISION

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



Date: FEBRUARY, 1984. Number: **G-2688**
M. 2553



G-5215

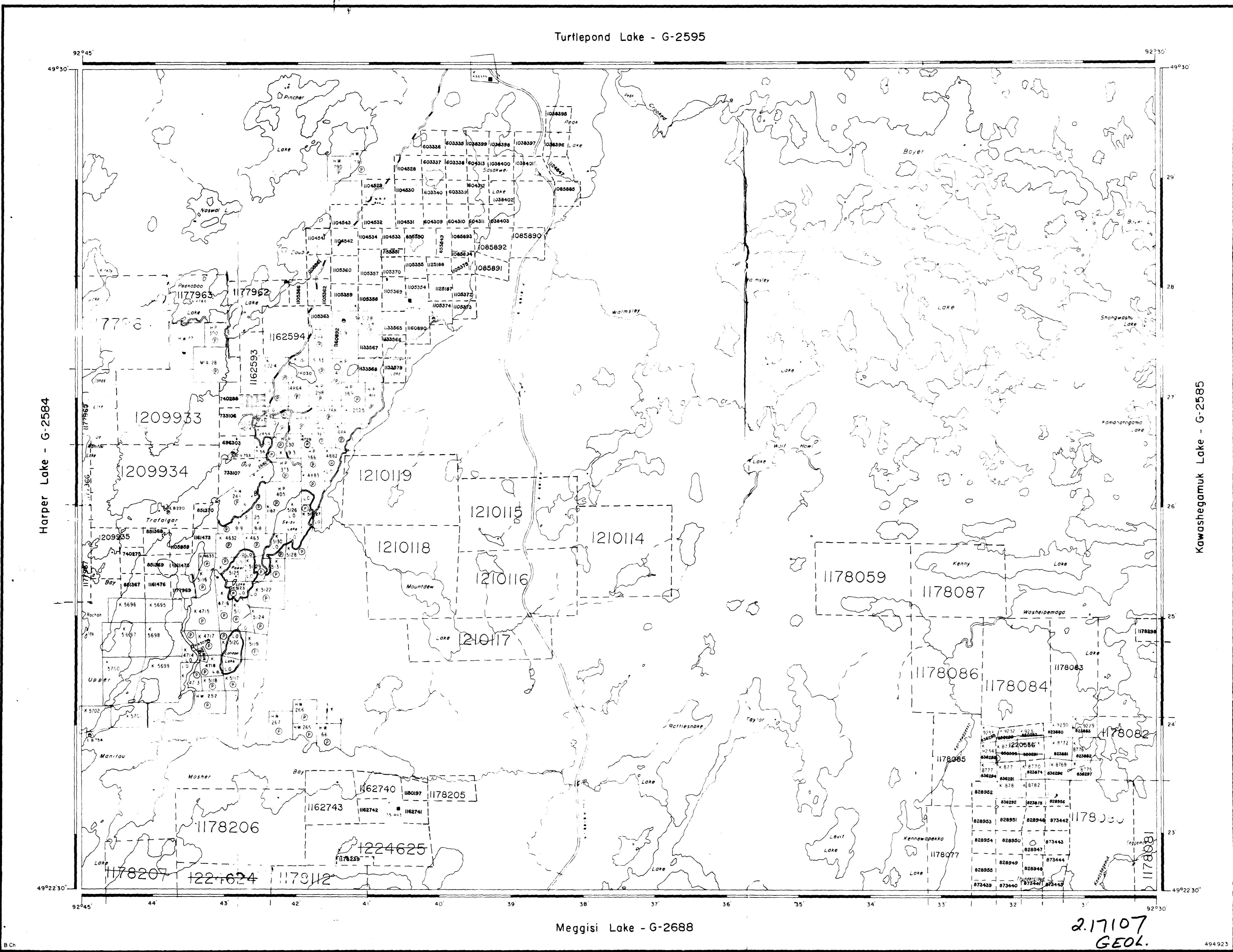
G-5215

BOYER LAKE

BOYER LAKE

G-5215

G-5215



Turtlepond Lake - G-2595

Meggisi Lake - G-2688

Harper Lake - G-2584

Kawashegamuk Lake - G-2585

2.17107
GEOI.

LEGEND

ROADWAY AND RIGHT OF WAY	—
OTHER ROADS	—
TRAILS	—
RAILROADS	—
TOWNSHIP BASE LINES ETC.	—
LOTS, MINING CLAIMS, PARCELS ETC.	—
UNSURVEYED LINES	—
LOT LINES	—
PARCEL BOUNDARY	—
MINING CLAIMS ETC.	—
RAILWAY AND RIGHT OF WAY	—
UTILITY LINES	—
NON PERENNIAL STREAM	—
FLOODING OR FLOODING RIGHTS	—
SUBDIVISION OF COMPOSITE PLAN	—
RESERVATIONS	—
ORIGINAL SHORELINE	—
MARSH OR MUSKELGEE	—
MINES	—
TRANSVERSE MONUMENT	—

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	◐
LEASE SURFACE & MINING RIGHTS	◑
SURFACE RIGHTS ONLY	◒
MINING RIGHTS ONLY	◓
CONVEYANCE BY PATENT	◔
ORIGINALLY CROWN	◕
RESERVATION	◖
CASSELL	◗
LANDS OFFERED	◘

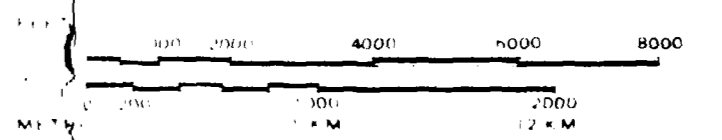
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION
M.R.O. (MINING RIGHTS ONLY)
S.R.O. (SURFACE RIGHTS ONLY)
M.S. (MINING AND SURFACE RIGHTS)

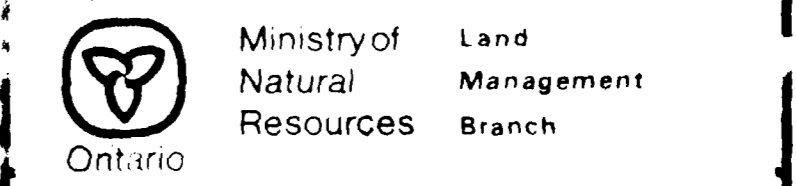
DATE OF ISSUE

AUG 18 1997
PROVINCIAL RECORDING
OFFICE - SUDBURY

SCALE 1 INCH = 40 CHAINS



AREA
BOYER LAKE
M.N.R. ADMINISTRATIVE DISTRICT
DRYDEN
MINING DIVISION
KENORA
LAND TITLES / REGISTRY DIVISION
KENORA



Date: M-2582
Number: G-2572

UPDATED

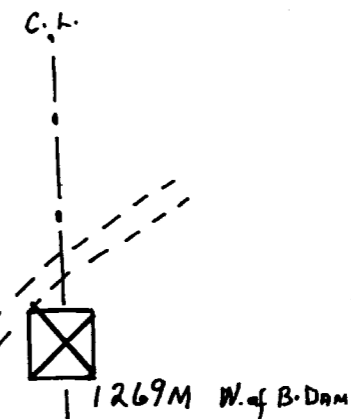
DATE PUT IN SERVICE
JUL 23 1996
KENORA
MINING DIVISION

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



THUNDERCLOUD LAKE

EAST GRID



LINE TAG
1200M N of
- #3, 1200653
- 1200M S of
- #1, 1178079

RECEIVED
JUN 30 1997
MINING LANDS BRANCH

THUNDERCLOUD LAKE SE
EAST GRID

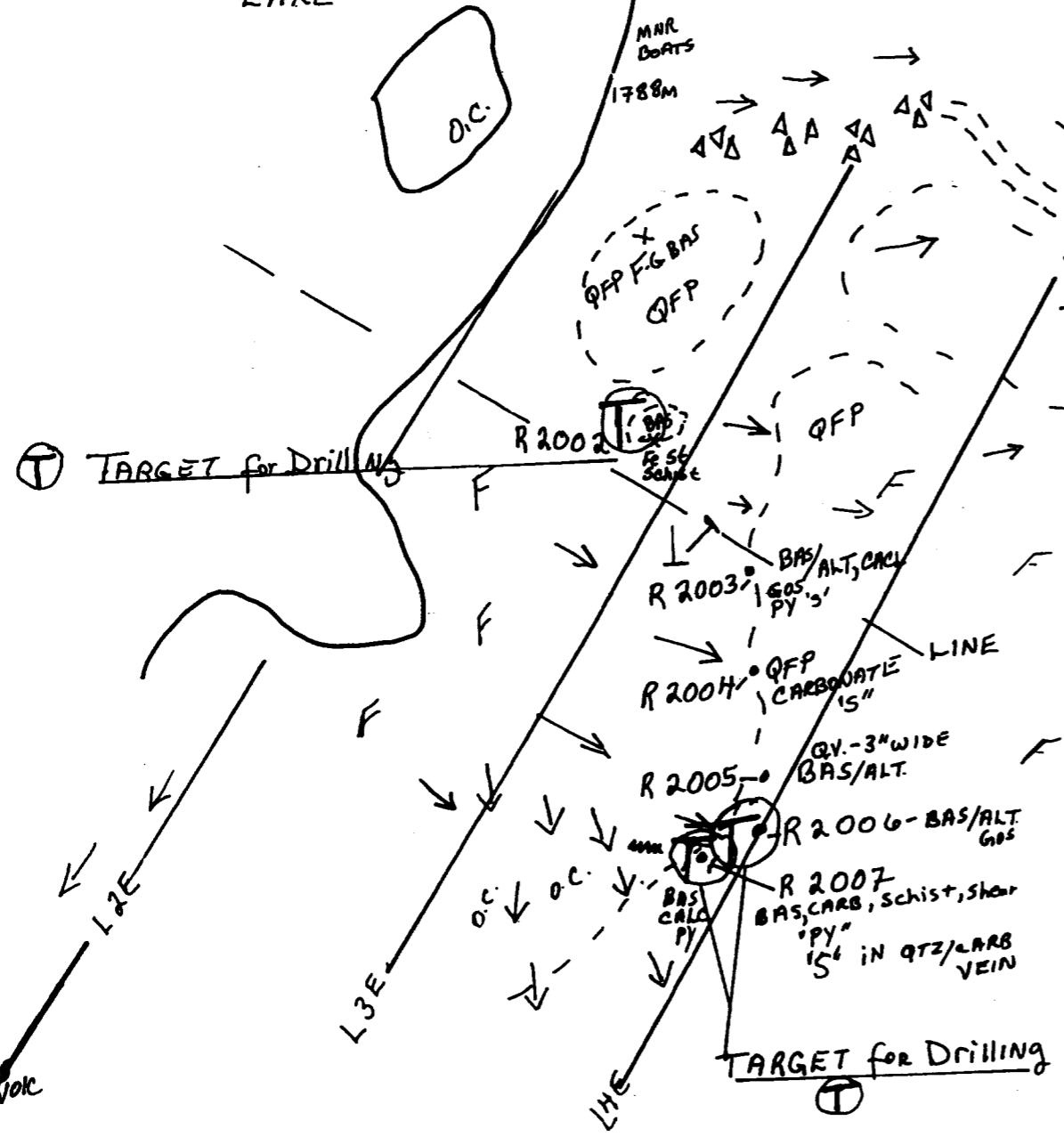
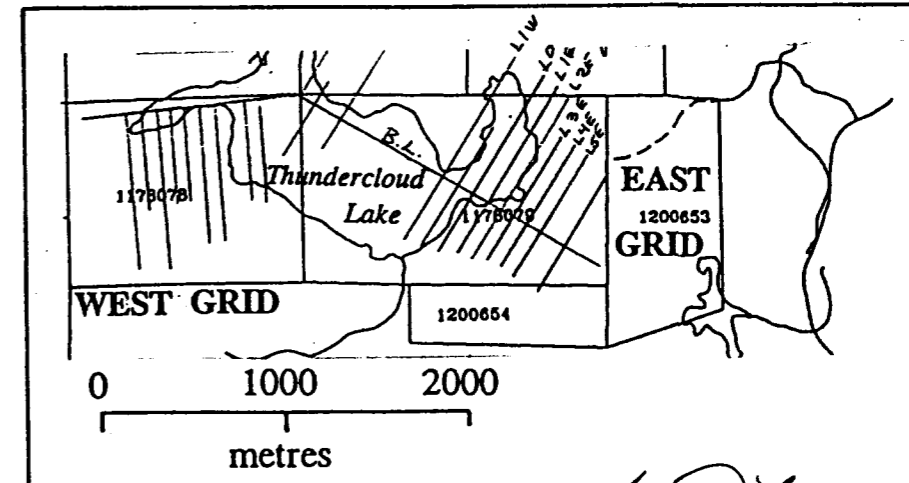
SCALE 1:2500 100m

LEGEND

- QFP - QTZ-fek-porph
- BAS - BASALT
- Δ - BOULDERS
- ⊕ - Drillhole TARGET

RESULTS:

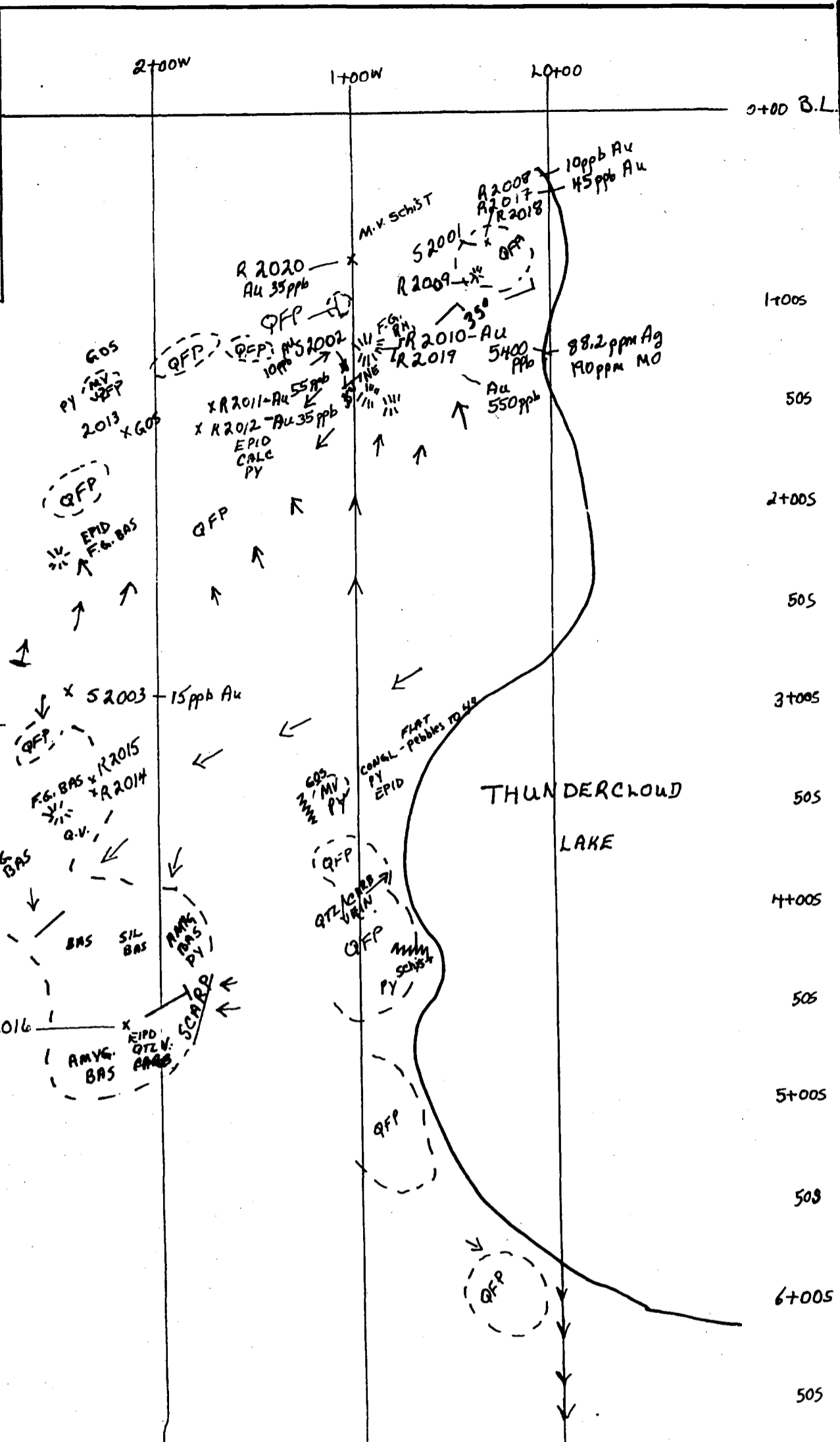
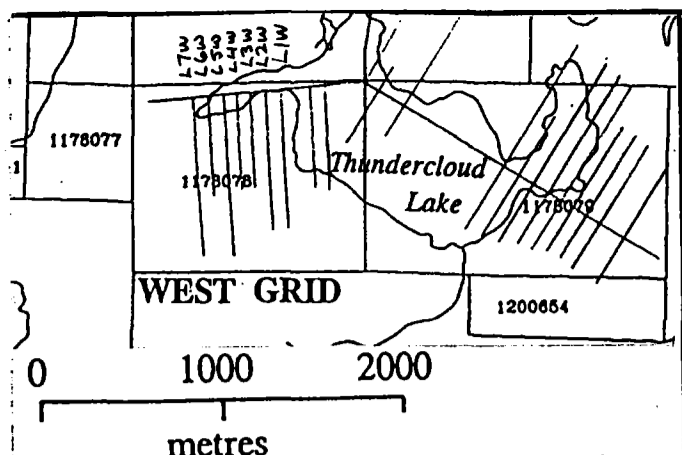
- R-2006, 45ppb Au, 5.8ppm Ag, 150ppm Cu, 81Mo
- R-2007, 20ppb Au, .2ppm Ag, 156ppm Cu, 8Mo
- R-2002, 0.8ppm Ag, 18ppm Mo
- R-2004, 67ppm Mo
- R-2005, 61ppm Mo
- R-2003, 68ppm ZN



B.L.
L3E
L2E
L1E

Leanne Lawson



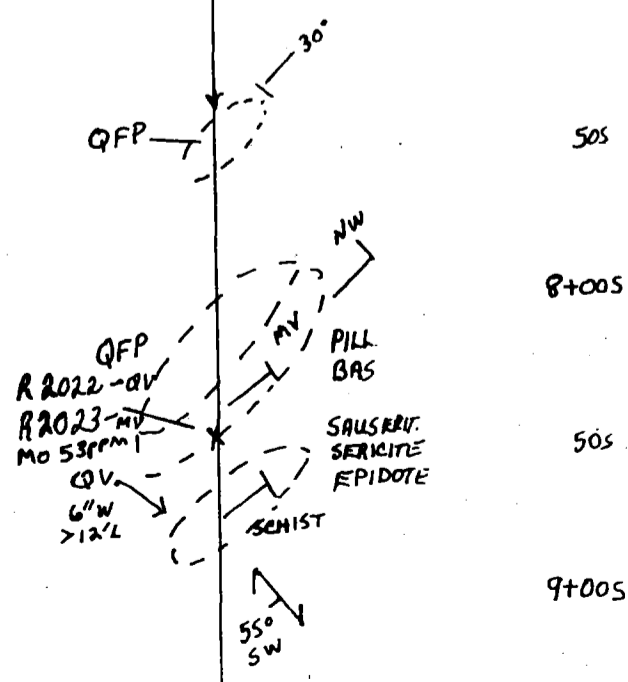
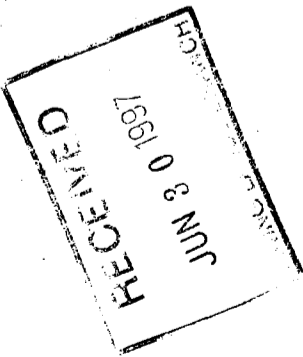


WEST GRID

THUNDERCLOUD LAKE-SW

SCALE 1:2500
100m
LEGEND

- | | |
|--------------|-----------------------------|
| MAFIC VOL | M.V. |
| qtz-fisp-por | QFP |
| rhyolite | RHY |
| qv
1000 | QTZ V. STRIKE |
| → | ST. |
| ↗ | foliat. |
| R 2001 | ROCK SAMPLE |
| S 2001 | SOIL SAMPLE |
| ↑ | UPHILL/UPSLOPE |
| Rock Samples | R 2008-2020
R 2022-R2023 |
| Soil Samples | S 2001-S 2003 |



Handwritten signature and date: 1 Dec 1996

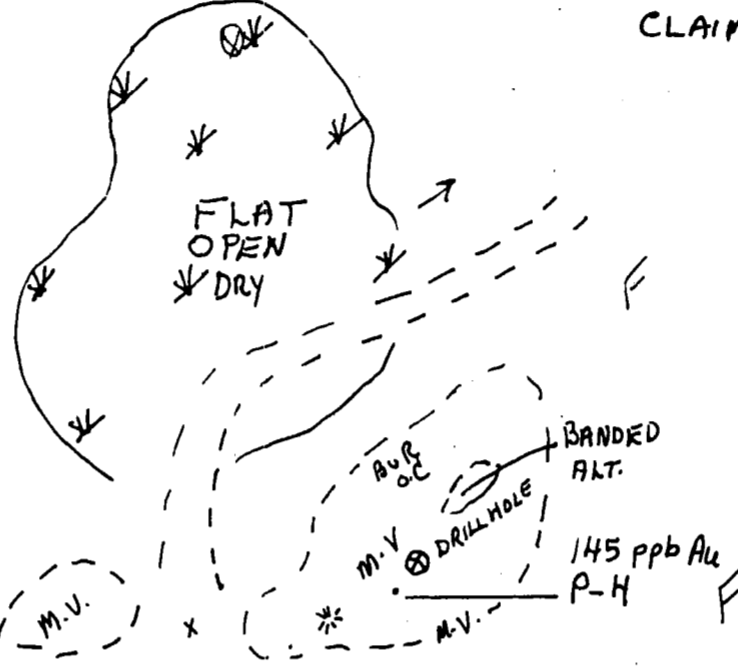
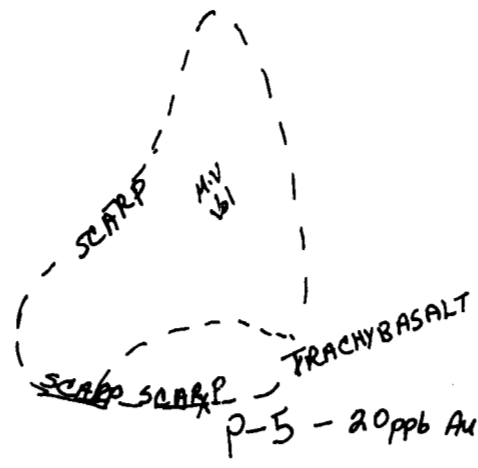


RECEIVED
JUN 30 1987
LANDS BRANCH

UPDATE
2/88

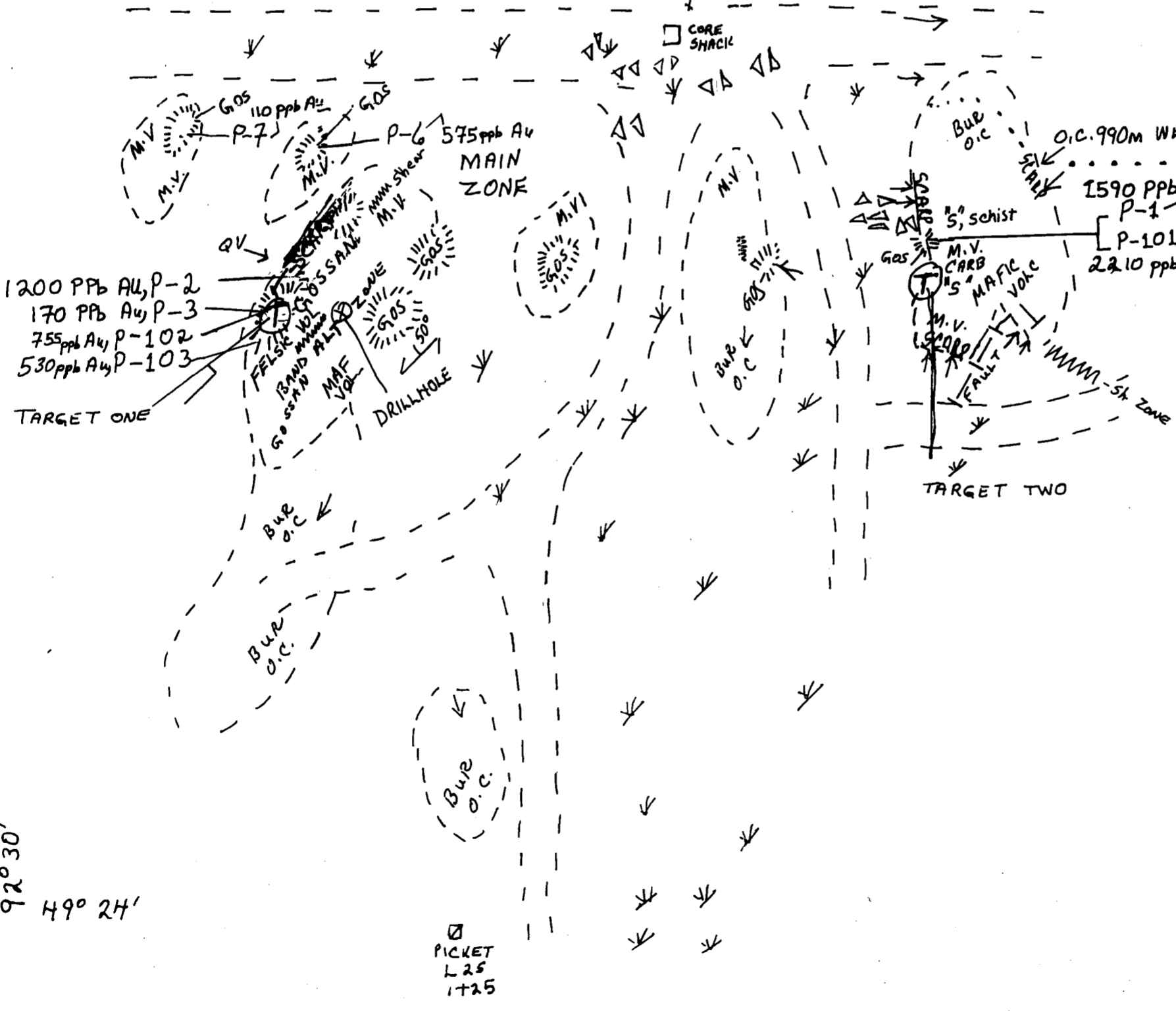
1+75N
1+50N
1+25N
1+00N
0
0+75N
0+50N
0+25N
0+00
0+25S
0+50S
0+75S
1+00S
1+25S
1+50S
1+75S
2+00S

1+00W
0+50W
0+00
0+50E
1+00E



PELHAM PROSPECT

SCALE
1:1000
0 20m



LEGEND

- M.V. Mafic Vol
 - QFP Qtz-fisp-porphyr
 - ⊕ Priority Drilling Target
 - ☆ SWAMP
 - - - ROAD and INFERRED Rd.
 - ⊗ DRILLHOLE FOUND
 - ☼ PIT/TRENCH
 - GOS GOSSAN/ALTER. ZONE
 - R-P-1 Rock SAMPLE
R-P-1 to R-P-7
R-P101 to R-P103
 - OTHER Rock SAMPLES
P-104 - FROM lg. o.c. at SWAMP 750M west of Landing site
P-105 - From fels volcano at landing site above beaver lodge on LK.
- GEOLOGY
by
Jeanette Laurim
Aug 1986

92° 30'
49° 24'

PICKET
L 25
1+25

Jeanette Laurim