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REPORT ON GEOLOGICAL, MAGNETIC AND VLF-EM SURVEYS CLAIM K1019544 FORGOTTEN LAKE AREA KENORA MINING DIVISION

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LIST OF PLANS

(BACK POCKET)

- PLAN 1. Geology
 - 2. Magnetic Survey
 - 3. VLF-EM Survey

REPORT ON GEOLOGICAL, MAGNETIC AND VLF-EM SURVEYS CLAIM K1019544 FORGOTTEN LAKE AREA KENDRA MINING DIVISION NTS: 52L/01

1. SUMMARY

The Hawes copper-nickel prospect lies within a diabase-gabbro body emplaced in granitoid rocks of the English River Subprovince. The body is believed to be part of a regional Middle to Late Precambrian diabase dyke traceable to possibly as far south as Fort Frances.

The known copper-nickel mineralization, consisting of disseminated to reticulated pyrrhotite, local chalcopyrite and rare pentlandite, occurs adjacent to the barren western chilled contact (diabasic) phase of the dyke; it is best exposed in a number of small pits in three areas over a discontinuous (mostly unexposed) strike length of about 100 metres. The principle mineralization occurs in a lens about 12 metres in length; the zone averages 0.44% Cu and 0.39% Ni across 0.88 m.

Drilling by Stratmat Limited in 1956 shows that the principle lens on surface cannot be traced laterally or vertically for any significant distance. Significant mineralization (assays not available) was encountered in only 4 short X-Ray holes in the immediate vicinity of the surface showing. This does not preclude, however, that other sulphide zones could not occur elsewhere on the contact.

Magnetic data reveal a ±1,300 nT anomaly in the vicinity of the mineralization. Other anomalies may be due to magnetite-enriched diabase/gabbro (as evidenced by Stratmat drilling), but sulphide (pyrrhotite) mineralization is possible.

VLF-EM profiles show a very weak conductor near a portion of the eastern contact of the dyke, but not over the western (locally sulphidic) contact.

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2. LOCATION AND ACCESS

The claims are located at 50⁰00'18" N latitude and 94⁰24'26" W longitude, 3 kilometers north of the town of Redditt, and about 0.8 km west of the English River Road. Redditt is situated on the transcontinental C.N.R. tracks (Fig. 1).

Access is readily gained by a 5-minute walk from the Redditt baseball field on the English River Road. This is an approximately 30 kilometer drive for Kenora which lies to the south.

3. PHYSIOGRAPHY AND VEGETATION

The area consists of a large, low ridge of outcrop and outcrop area extending from about $\frac{1}{2}$ km east of the claim, to the western part of the claim, terminating to the north at a small lake, and lessening in elevation to the south. Outcrtops in the western part of the claim are low-lying. Overburden is overall quite thin, except in swampy areas.

Dutcrop areas are predominated by pure jackpine stands, whereas areas of somewhat thicker overburden are vegetated by poplar and balsam. Black spruce and alders dominate wet areas.

4. THE PROPERTY

The property presently consists of one claim. The status is:

<u>Claim</u>	Recorded	Expiry Date
K1D19544	19-09-88	15-12-89*

* on extension

The work discussed in this report is to be applied for assessment credit; approval of all work will extend the expiry date to September 21, 1991.



FIGURE 1

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- 4 -

LEGENDS FOR FIGURE 2

LEGEND

and migmatite



Figure 2. Regional geology and location of Hawes Cu-Ni prospect. From Dnt. Geol. Survey Maps 2175 and 2443. Scale: 1 inch≈4 miles



Because the area is not located in a greenstone terrane, available maps mostly consist of compilations of available data (e.g. Davies, 1965). In 1974, the area around the property was mapped at a scale of 1 inch = 1 mile as part of Operation Kenora - Sydney Lake (Breaks et al., 1975); very little outcrop was examined in the vicinity of the property (mafic body not shown), although the location of the copper-nickel occurrence is shown.

In 1956, Stratmat Limited trenched the mineralization and drilled 11 XRay and 5 AX diameter drill holes, totalling 1,623.5 ft (495.0 m) into the 'gabbro' on the present claim (Hawes, 1956); a sixth AX hole (150.0 ft, or 45.7 m) was drilled approximately 2,300 ft (701 m) north-northwest of the pits. Thomson (1957) and Shklanka (1969) report that a mineralized zone (size unspecified) contained 2% combined Cu+Ni, but the source of their information is uncertain since no assays were reported in Stratmat's drill logs. In addition, the government Mineral Deposit Inventory Record (MDIR) for the prospect indicates that Stratmat conducted geophysical surveys, but there is no record of such work in the assessment files. The diamond drilling is discussed more fully below (8.2).

Airborne geophysical surveys in the area consist of the 1961 flying of a magnetic survey by the Ontario Department of Mines and the Geological Survey of Canada (sheet 52L/1, Lount Lake, Geophysics Paper 118D).

6. THE PRESENT SURVEY

All work described in this report was carried out by the author.

Dn September 16, 1988, the Stratmat pits were located and sampled; a portion of the samples were analyzed in 1988.

Between September 23 and October 1, 1989, a flagged topofil - compass grid was established and VLF-EM (station NLK), magnetic and geological mapping surveys carried out. The magnetic survey was done by looping using a Geometrics GB16 proton magnetometer; the VLF-EM survey with a Geonics EM-16 unit. All readings were taken at 20-metre intervals, with local 10-metre readings during the magnetic survey.



7.1 Regional Geology

The property lies in the English River Subprovince of the Superior Province. In the general area, bedrock is dominated by Early Precambrian granitoid rocks including: massive porphyritic biotite-granodiorite, and; equigranular, massive biotite-quartz monzonite and granite (Breaks et al., 1975).

Other than the host unit of of the Hawes Prospect, there are no known mafic rocks in the general area.

7.2 Property Geology

7.2.1 Lithologic Units

Granitic Rocks.

Most of the claim is underlain by pink, massive, fine- to mediumgrained biotite-granite. It is typically composed of 45% pink K-feldspar, 25% white plagioclase, 25% quartz, 5% biotite and minor epidote. Grain size is in the order of 2-3 mm. Although the unit is overall quite uniform, indvidual outcrops locally show some variability in composition, with finergrained, relatively quartz-poor (occasionally less than 5%, or syenitic) varieties containing coarse-grained quartz-rich(+30%) segregations.

Diabase - Gabbro

Previous workers (e.g. Hawes, 1956, and compilation maps) referred to the mafic unit as a gabbro. Indeed, many outcrops display a grain size varying up to 3 mm (aggregates up to 5 mm) and a distinct gabbroic texture. Other outcrops (and old drill core) show local fine-grained (1 mm), marginal chilled phases with distinct diabasic texture, and intermediate grain size varieties (1-2 mm) with a less discernable diabasic texture.

The unit is very fresh, and consists of about equal amounts of plagioclase and pyroxene. The plagioclase occurs in laths in the fine-grained varieties, and aggregates and laths in the coarse-grained rocks. The dark green to black pyroxene is probably augitic, although minor orthopyroxene is suspected. The marginal (chilled) varieties are non-magnetic, whereas the coarsergrained types contain about 3-5% disseminated magnetite and traces of very fine-grained pyrrhotite.

There are local suggestions of faint magmatic differentiation in the dyke, although evidence is obscured by highly variable grain size. The sulphide mineralization in the area of the pits (see 8.1 and Fig. 3) occurs in a probably somewhat more mafic variety of rock than on the eastern side of the same outcrop. There is no banding.

The diabasic - gabbroic unit is about 40-45 metres wide, and the individual offset segments strike at N20°W to N30 W (overall about N22°W).

It is strongly indicated that the mafic rocks are not related to the Early Precambrian English River complex, but rather the regional Middle to Late Precambrian diabase dyke system io the Kenora - Fort Frances area. This is supported by:

- A diabase dyke has been intermittently mapped from Loonhaunt Lake (and probably as far south as Fort Frances) to the southeast corner of Redditt Township, approximately 13 km southeast of the Hawes Prospect. Allowing for lateral offsets, the dyke is virtually onstrike with that on the property (Fig. 2). A linear extending 20 km north-northwest of the Hawes occurrence is probably a continuation of the dyke. The total inferred strike length of this dyke system may therefore be in the order of 125 to 170 km.

- The segments of the dyke on the claim have a strike virtually identical to that of the segments of the dyke to the southeast (about N20°W)

- The regional diabase dyke was examined by the author on a Highway 71 roadcut about 38 km southeast of Kenora, and 54 km southeast of the Hawes occurrence. There, the dyke is texturally identical to that on the Forgotten Lake property, and it contains minor (<1%) very fine-grained, disseminated pyrrhotite.



7.2.2 Structure

Both the granitic and diabase - gabbro units show no sign of postintrusive deformation.

The dyke is offset sinistrally and dextrally by at least three presumed east-northeast trending faults. This pattern is typical of the main dyke to the southeast.

In areas where the dyke contacts are at least approximately exposed, the dip is not measurable, but it is clear to be steeply dipping. The Stratmat drilling pattern implies that dip is to the east.

B. MINERALIZATION

8.1 Surface Dccurrences and Sampling Results

The sulphide mineralization is exposed in several pits in the southern part of the claim. Plan 1 shows the general distribution, while Figure 3 shows in detail the pits and sampling in the main area. Descriptions of samples and analytical results are given in Appendix I; analytical certificates in Appendix II.

At the southern claim boundary (Plan 1), a shallow blasted pit exposes gabbroic diabase with minor pyrrhotite. This material was not analyzed for copper-nickel, but a composite grab sample (3845) was checked for precious metals (see below).

Just northeast of BL/4+00S, a trench near the western contact of the diabase-gabbro dyke is in relatively mafic, magnetite-bearing rock containing up to 5% blebby-disseminated pyrrhotite, minor chalcopyrite and possible pentlandite (Fig. 3). A composite grab sample (3848) returned 0.19% Cu and 0.03% Ni across 3 metres.



Approximately 50 metres to the north are 3 shallow pits in the best exposed sulphide mineralization (Fig. 3), covering a strike length of about 12 metres. Pyrrhotite predominates, and is disseminated to blebby to nettextured. Chalcopyrite occurs intergrown with, and in rough proprtion to the pyrrhotite; pentlandite is rare. On hand specimen scale, total sulphide contents vary from 1-15% (chalcopyrite absent to about 5%). The mineralization lies close to, but not at the dyke/granite contact in a fine-grained (diabasic) phase of the dyke which is also possibly somewhat more mafic than the relatively coarse-grained and plagioclase-rich part of the dyke.

From the main pits, channel sampling returned the following (Fig. 3):

#3850	0.45% Cu,	0.03% Ni / 1.0 m
#3851	0.41% Cu,	0.80% Ni / 1.25 m
#3852	0.49% Cu,	0.02% Ni / 0.40 m
average	D.44% Cu,	0.39% Ni / 0.88 m

A composite grab of selected sulphide-rich rubble from the northern pit (3B49) returned 0.76% Cu and 0.15% Ni.

All of the sulphide-bearing rocks from all pits were analyzed for gold, palladium and platinum (3845, 3848, 3849, 3850, 3851, 3852). They contain 22-88 ppb Au, 14-50 ppb Pd and 35-100 ppb Pt (49-144 ppb Pd + Pt). Although the contents are anomalous, they cannot be considered economically significant. A 24-element ICP-AES scan of sample 3849 was also done (see Appendix II for results). Metal contents are normal.

In order to test the PGM-bearing potential of the unmineralized portions of the mafic unit, composite grab samples were taken across the central and eastern portions of the dyke at two localities (Plan 1 and Fig. 3; 3846, 3847, 3853 and 3854). The last two samples contain 54 and 65 ppm Cu, and 16 and 18 ppm Ni, respectively. All samples contain <2-6 ppb Au, <2 ppb Pd and <5 ppb Pt. 8.2 Stratmat Diamond Drilling

The precise locations of 1956 diamond drill holes, and the relative locations of the AX and XRay holes are in some doubt. A sketch map of the drill holes provided by Hawes (1956) does not correspond well to the logs of either set of holes. The collar locations and attitudes of holes shown on Plan 1 is based on the following assumptions:

- the AX and XRay holes are referenced to the same grid.
- the 4 XRay holes with the best mineralization are beneath the set of three pits west of the base line near 3+4D to 3+5DS; this is supported by the assumption that the initial holes would have tested the best mineralization (XR-1 to XR-4). A drill hole was found in bedrock just east of the pits.
- dumped AX core found on outcrop on line 3+00S at 0+20W is probably from a drill hole (AX-5) drilled on that outcrop.

It should be noted that, although approximate, XRay hole locations are probably within 5-10 metres of their actual locations. The locations of the AX holes may differ substantially.

A summary of the 16 drill holes is given in Appendix III. Stratmat referred to the body as 'gabbro'.

In the approximately 160 metres of strike length drill tested, sulphide mineralization encountered is mostly weak. The exceptions are holes XR-1 to XR-4 where fine- to coarse-grained (blebby), "fair" to "good" (Stratmat terms) pyrrhotite + chalcopyrite mineralization occur over intersections of 2.5 to 7.4 ft (0.76 to 2.25 m); unfortunately, no assays are available. Other holes are barren, or carry trace or "minor" sulphides. Pyrite appears to be a local, latestage mineral, occurring largely on fracture planes in the 'gabbro'.

The XRay holes consistently encountered a 2.0-9.9 ft (0.6-3.0 m) chilled western (diabasic) contact phase of the dyke. This grades into a fine-grained 'gabbro' phase and, in turn, a coarse-grained 'gabbro' phase to the east. The

chilled phase rarely contains sulphides, and the coarser phase contains magnetite. The sulphide mineralization in holes XR-1 to -4, as on surface, lies on the eastern margin of the chilled contact (diabasic) phase.

As indicated by the surface mapping, the 1956 diamond drilling showed that the pyrrhotite-chalcopyrite mineralization in the pit area is in a lens near the western contact. The drilling, however, covered no more than 150 m of strike length, and the possibility of other sulphide lenses either along strike or at depth is not precluded.

9. GEOPHYSICAL INTERPRETATION

9.1 Magnetic Survey (Plan 2)

Magnetic response over the granitic rocks varies from slightly less than 60,000 nT to just over 60,300 nT, mostly in the range 60,050 to 60,150 nT.

The diabase-gabbro dyke is roughly demarcated by the 60,200 nT contour. Peak amplitudes across the dyke vary up to +61,500 nT (BL/3+60S). The highest reading is at the western contact of the dyke and likely reflects sulphide mineralization exposed in the pits just to the north.

Dn lines 35 and 25, there are two peaks across the dyke; these may reflect two parallel anomalies somewhat obscured by the contouring bias. Stratmat drill holes thought to lie near L35 encountered no significant sulphides, suggesting that the anomalies are due to magnetite enrichment. The magnetic disturbance on L25 may also be due to magnetite, but the possibility of sulphide (pyrrhotite) mineralization cannot be excluded.

9.2 VLF-EM Survey (Plan 3)

The locations of the conductors shown on Plan 3 were interpreted by F.L. Jagodits, Consulting Geophysicist, Excalibur International Geoconsultants Ltd., Mississauga, Ontario.

Coupling between the trend of the dyke (and any possible sulphide mineralization) and the transmitter (NLK) is poor. Nonetheless, some response is apparent.

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A very weak conductor lies on the eastern margin of the diabase-gabbro dyke between lines 2S and 4S; it probably reflects the eastern contact.

A north-northwest trending, relatively moderate to strong conductor lies 40 to 60 metres west of the dyke and is traceable from LO to L4S. The location corresponds to the western limit of the outcrop ridge where it abuts somewhat swampy ground. Although the conductor may be due entirely to, or at least partly enhanced by the wet terrane, the trend of the conductor, which is parallel to the diabase-gabbro dyke, suggests that the ridge edge itself may reflect a fault or fracture.

Since no test line was run over the exploration pits, the VLF-EM response over the best known sulphide mineralization is unknown.

Respectfully submitted,

December 7/89.

Robert M. Kuehnbaum, M.Sc., F.G.A.C.

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- Thomson, J.E., et al, 1957. Hawes Property. <u>in</u> Copper, Nickel, Lead and Zinc Deposits in Ontario. Ont. Dept. Mines Mineral Resources Circular 2, p. 17.



I, Robert Martin Kuehnbaum, of 3101 O'Hagan Drive, Missisauga, Ontario, L5C 2C4, hereby certify that:

- I am a graduate of the University of Toronto with B.Sc. (1971) and M.Sc. (1973) degrees in Geology.
- I have been continuously practicing my profession since 1974 as an employee of mining exploration firms and, since 1986, as a Consulting Geologist (RMK Resource Management).
- 3. I am a Fellow of the Geological Association of Canada, and a Member of the Canadian Institute of Mining and Metallurgy.
- 4. I am the registered holder of the claim described in this report.
- 5. This report is based on examination of published government information and a review of assessment data contained in the Kenora Resident Geologists's and Toronto files, and field work carried out by myself on Septmeber 16, 1988 (initial sampling examination), and the period September 23 to October 1, 1989 (geological, magnetic and VLF-EM surveys).

Signed and sealed

This 14 day of Decouver, 1989

at Mississauga, Ontario

Robert M. Kuehnbaum, M.Sc., F.G.A.C.

APPENDIX I

ROCK DESCRIPTIONS

- 3845. Composite grab of blasted rubble and bedrock in pit. Medium-grained gabbroic diabase. <1 to 5-10% disseminated and reticulated pyrrhotite. 34 ppb Au, 34 ppb Pd, 40 ppb Pt
- 3846. Composite grab of 7-metre interval of medium-grained gabbroic diabase. 6-13 m east of wesatern contact. 50% plagioclase, 50% pyroxene. Abundant magnetite. Barren of sulphides.

4 ppb Au, <2 ppb Pd, <5 ppb Pt, 54 ppm Cu, 16 ppm Ni

- 3847. Composite grab of diabase of 4 m interval at eastern contact. 2 m interval at contact somewhat chilled and non-magnetic; medium-grained and magnetic away from contact. Trace very fine-grained pyrrhotite.
 6 ppb Au, <2 ppb Pd, <5 ppb Pt, 65 ppm Cu, 18 ppm Ni</p>
- 3848. Composite grab/ 3 metres. in trench. Limonite-stained, relatively mafic gabbroic diabase. Magnetite-bearing, 1-5% fine- to coarse-grained blebs of pyrrhotite, < 1% fine-grained chalcopyrite.</p>

22 ppb Au, 14 ppb Pd, 35 ppb Pt, 0.19% Cu, 0.04% Ni

3849. Composite grab of selected sulphide-rich rubble of gabbroic diabase from pit. Average about 8% pyrrhotite, 2% chalcopyrite.

88 ppb Au, 58 ppb Pd, 85 ppb Pt, 0.76% Cu, 0.15% Ni

- 3850. Chip/1.0 m. Mineralized mafic gabbroic diabase. 2-15% sulphides. 78 ppb Au, 40 ppb Pd, 100 ppb Pt, 0.45% Cu, 0.03% Ni
- 3851. Chip/1.25 m. Gabbroic diabase. 2-15% pyrrhotite + chalcopyrite (up to 5%). Central pit.

62 ppb Au, 50 ppb Pd, 70 ppb Pt, D.41% Cu, D.80% Ni

3852. Chip/0.40 m. Limonite-stained gabbroic diabase. Sulphide-poor (1% pyrrhotite).

50 ppb Au, 46 ppb Pd, 98 ppb Pt, 0.49% Cu, 0.02% Ni

3853. Composite grab of 4 m interval on east side of outcrop. Gabbroic diabase.

<2 ppb Au, <2 ppb Pd, <5 ppb Pt

3854. Composite grab of 5 m interval of gabbroic diabase about 6-11 m east of pits. Trace pyrrhotite.

<2 ppb Au, <2 ppb Pd, < 5 ppb Pt



APPENDIX II

ANALYTICAL CERTIFICATES



Chemex

Analytical Chemists * Geochemists * Registered Assayers 450 MATHESON BLVD , E , UNIT 54, MISSISSAUGA. ONTARIO, CANADA 1.4Z-1R5

PHONE (416) 890-0310

3101 O'HAGAN DR. MISSISSAUGA, ON L5C 2C4 Project : Comments:

To : KUEHNBAUM, MR. ROBERT

**Page No. :1 Tot. Pages: 1 5-0CT-88 Date Invoice # : I-8824349 P.O. # :

CERTIFICATE OF ANALYSIS A8824349

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ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION :



Chemex Labs Ltd.

Analytical Chemists + Geochemists + Registered Assayere 450 MATHRON BLVD., E., UNIT 54, MISSIBSAIKIA. ONTARIO, CANADA (42-183 PHONE (416) 500-0010 To : KUEHNBAUM, MR. ROBERT

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JIOI O'HAGAN DR. MISSISSAUGA, ON LJC 2C4

Project : FORGOTTHN LAKE Comments: ATN: R KITEINBALM Page No. :] Tol. Pages:] Date : 4-DEC-89 Invoice #: 1-8930654 P.O. # :



CERTIFICATE OF ANALYSIS A8930654

SAMPLE DESCRIPTION	PRE COD	IP DB	Ац рръ AFS	Pd ppb AFS	Рт рръ АРЗ	Cu ppm	Ni ppm	Cu %	196		0
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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers 450 MATHESON BLVL F UNIT 54 MISSISSAUGA ONTARIO, CANADA 14Z-185 PHONE (416) 890-0310 3101 O'HAGAN DR. MISSISSAUGA, ON LSC 2C4 Project : Comments:

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lot. Pages: 1 Date 4-OCT-88 Invoice # 1-8824350 P.O. #

CERTIFICATE OF ANALYSIS A8824350

SAMPLE DESCRIPTION	PREP CODE	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	РЪррт (ICP)	Bippm (ICP)	Colppm (ICP)	Coppm (ICP)	Nippm (ICP)	Bappm (ICP)	Fe % (ICP)	Min ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
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Chemex Labs

Analytical Chemists * Geochemists * Registered Assayers 450 MATHESON BLVD . E . UNIT 54. MISSISSAUGA. ONTARIO, CANADA 14Z-1R5

PHONE (416) 890-0310

To : KUEHNBAUM, MR. ROBERT 3101 O'HAGAN DR. MISSISSAUGA, ON

LSC 2C4 Project : Comments:

**Page No. : 1-B Tot. Pages: 1 Date : 4-0 : 4-0CT-88 Invoice # 1-8824350 P.O. #



CERTIFICATE OF ANALYSIS A8824350

SAMPLE DESCRIPTION	P C	REP ODE	V ppm (ICP)	A1 % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cuppin (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
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APPENDIX III

Summary of Stratmat Limited diamond drill hole results.

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Hole No.	Location	Azimuth	Inclin.	Geology & Mineralization
XR-1	D+14.75E/ D+25NE	552°W	-46°	D-2.5 ft. casing 2.5-24.5 gabbro. 'Good' fine- and coarse- grained po,cp 14.8-22.D chilled barren phase 22.5-24.5
XR-2	D+14.75E/ D+25NE	552°W	-60°W	D-3.0 casing 3.D-25.7 gabbro. 'Fair' to 'good' coarse- grained po,cp 14.4-21.8 chilled barren contact 23.5-35.7 25.7-30.0 granite
XR-3	0+14.7SE/ 0+75NE	552 ^ຒ	-45°	O-5.5 casing 5.5-61.8 gabbro. 'Fair'po,cp 56.5-59.0 chilled contact 59.0-61.8 61.8-62.0 granite
XR-4	D+14.7SE/ D+75NE	S52°₩	-6D°	D-5.0 casing 5.D-8.0 syenite (granite) 8.D-84.5 gabbro. 74.5-77.5 'fair' to 'good' po, minor cp,py. chilled contact 79.D-84.5 84.5-86.0 granite
XR-5	0+70.7SE/ D+25NE	552°W	-45°	D-1.D casing 1.D-29.D gabbro. Minor po,py,cp 22.5-25.5 chilled contact 25.5-29.D
XR-6	0+70.7SE/ 0+50NE	S52°₩	-45°	0-1.0 casing 1.0-60.0 gabbro, rare po 52.0-60.0 chilled contact 60.0-61.5 granite
XR-7	0+70.7SE/ 0+75NE	552°W	-45°	D-1.D casing 1.D-91.4 gabbro, barren 86.D-91.4 chilled contact 91.4-91.6 granite
XR-B	1+2DSE/ D+25NE	S52°₩	-45°	O-1.0 casing 1.O-37.6 gabbro, rare po,cp,py 30.O-37.6 chilled contact 37.6 granite
XR-9	D+29NW∕ D+50NE	552°W	-45°	D-7.D casing 7.D-53.5 gabbro. Rare po,cp,py 47.D-53.5 chilled contact 53.5-55.9 granite
XR-10	0+00/ 0+50NE	S52°₩	-65°	D-6.D casing 6.D-64.6 gabbro. Rare cp,po,py 6D.D-64.6 chilled contact 64.6-66.D granite

Hole NO.	Location	Azimuth	Inclin.	Geology & Mineralization
XR-11	1+40N₩⁄ D+44NE	S5B°₩	-40°	D-3.D casing 3.D-62.5 gabbro, barren 52.6-62.5 chilled contact 62.5 granite
AX-1	0+00/ 0+75W	E?	?	0-9.0 overburden 9.0-161.0 granite 161.0-323.0 gabbro. Rare py on fractures
AX-2	1+DOS/ 1+ODE	ሠ?	-45°	D-2.0 casing 2.0-28.5 gabbro, barren 28.5-36.0 syenite 36.0-115.0 gabbro, barren 115.0-212.0 granite
AX- 4	2+005/ 1+00E	ຣຟ	-45°	0-6.0 casing 6.0-122.0 gabbro, rare po,cp 122.0-129.0 granite
AX-5	1+00N/ 1+00E	Ψ?	-45°	D-127.0 gabbro, barren 127.D-142.0 granite
AX-6	4+005/ 1+00E	ຣພ	-45°	0-4.D casing 4.0-71.0 gabbro, barren 71.0-87.D diorite, reddish- contaminated gabbro?

87.0-192.0 gabbro, barren 192.0-206.0 granite

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Chemex Labs Ltd.

212 BROOXSBANK AVE., NORTH VANCOUVER, BRITISH COLUMBIA, CANADA Y7J-1CI

PHONE (684) 984-0221

To: KUBHNBAUM, MR. ROBERT

3101 O'HAGAN DR. MISSISSAUGA, ON L5C 2C4

,

* INVOICE NUMBER 18930654 *

T:NT 88/20/21

BILLING INFORMATION	CODB	DESCRIPTION	ANALYZED	PRICE	AMOUNT	
Dato : 4-DEC-89 Project : FORGOTTEN LAKE P.O. # : Account : EDL	2	Cu ppm Ni ppm Au, Pd, Pt combi	2	18.50	37.00	004
Commonts:	301 - 321 - G15 -	Cu % NI % Au, Pd, Pt combi	3	29,50	88,50	
Billing : For analysis performed on Certificate A8930654	208 -	Assay - RING	5	3.75	18.75	
			To	tal Cost S	144.25	
Torms : Not payment in 30 Days 1.5% per month (18% per annum) charged on overdue accounts.			TOTAL	PAYABLE \$	144.25	
Ploase romit paymonts to:						
CHEMEX LABS LTD. 212 Brooksbank Ave., North Vancouver, B.C. Canada - V71-201		PAI	DINF			
			M-f	by		
NOTE: New charges for FAXING of data Effective MAY 22/89, As follows: S0.50/data page inside N. America S2.00/data page outside N. America				,		

3101 O'Hagan Drive Mississauga, Ont. L5C 2C4 Oct. 12, 1988

Chemex Labs Ltd. 212 Brooksbank Ave. North Vancouver, B.C. V7J 2C1

Dear sirs:

Re: Invoice #'s 18824349 & 18824350

Please find enclosed cheque #009 in the amount of \$114.50, representing payment in full for the above invoices (\$103.50 and \$11.00, respectively).

yours truly,

Robert M. Kuehnbaum

NAME Kobert Kuchnbaum Oct 12,1188 009 ADDRESS: 3101 0'Hagan Dr Buy le the Chan 56264 Ont ×114.50 Chemix Culorof One hundred fourteen and 50 Jellars THE TORONTO-DOMINION BANK WESTDAL E MALL 1151 DUNDAS ST. W. MISSISSAUGA, ONTARIO LEC 1C6 . llema Invorus 18824349, 50

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers 212 BROOKSBANK AVE., NORTH VANCOUVER. BRITISH COLUMBIA, CANADA V7J-2C1 PHONE (604) 984-0221 To: KUEHNBAUM, MR. ROBERT

3101 O'HAGAN DR. MISSISSAUGA, ON L5C 2C4

.

* INVOICE NUMBER 18824350 *

**

BILLING INFORMATION	CHEMEX ANALYSIS CODE DESCRIPTION	SAMPLES ANALYZED	UNIT PRICE	AMOUNT
Date : 4-OCT-88	G24 - G-24 24 EL.	1	11.00	11.00
Project : P.O. # :	Sample preparation and other cha	rges :		
Account : EDL	299 - pulp 232 - Total ICP digestion	1 1	$\begin{array}{c} 0 \cdot 00 \\ 0 \cdot 00 \end{array}$	0.00 0.00
Billing : For analysis performed on Certificate A8824350		То	tal Cost \$	11.00
		TOTAL	PAYABLE \$	11.00
Terms : Net payment in 30 Days 1.5% per month (18% per annum) charged on overdue accounts.				
Please remit payments to:				
CHEMEX LABS LTD. 212 Brooksbank Ave., North Vancouver, B.C. Canada V7J-2C1				



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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers 212 BROOKSBANK AVF , NORTH VANCOUVER, BRITISH COLUMBIA, CANADA V7.J-2C1

PHONE (604) 984-0221

To: KUEHNBAUM, MR. ROBERT

3101 O'HAGAN DR. MISSISSAUGA, ON

L5C 2C4

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* INVOICE NUMBER 18824349 *

BILLING INFOR	MATION	CHEMEX CODE	ANALYSIS DESCRIPTION	SAMPLES ANALYZED	UNIT PRICE	AMOUNT
Date : 5-OCT- Project : P.O. # :	- 8 8	301 - 321 - G15	Cu % Ni % Pt, Au, Pdc	2	25.00	50.00
Account : EDL		G15 -	Pt, Au, Pd c	3	12.00	36.00
		Sample p	oreparation and other ch	arges :		
Billing : For an Certif	alysis performed on icate A8824349	205 -	Rock Geochem - RING	5	3.50	17.50
				То	tal Cost \$	103.50
Terms Net pa 1.5% p charge	yment in 30 Days er month (18% per annum) d on overdue accounts.			TOTAL	PAYABLE \$	103.50
Please remit pays	ments to:					
CHEME 212 B North Canad	X LABS LTD. rooksbank Ave., Vancouver, B.C. a V7J-2C1					

Ministry of Northern Developmed and Mines	nt (Geophysical, C Geochemical ar	ork Seologica,	DCCUMT VV8501	~ 276	structions: Note:	: Please type or print. If number of minin exceeds space on this : Only days credits	g claims traversed form, attach a list. calculated in the
	Gebenennear a		Mining	Act		"Expenditures" section in the "Expend, Da	on may be entered ays. Cr. ⁴⁴ columns.
VDE OF SURVEY(S) GEOLOGICAL MAF Ilaim Holder(s) ROBERT M. KUEH	PING, MAGNET	C & VLR	-ет 2.12(752	Ford	TEN LAKE G Prospector's Licence A46654	26.18 No.
ddress 3404 SHACAN	NOME MARCA			156.204			
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Trification Verifying Repo	int of Work		L	1.000		els	
I hereby certify that I have a	personal and intimate ki	nowledge of	the facts set f	orth in the Report	of Work a	nn xed hereto, having perfe	ormed the work
ame and Postal Address of Per	son Certifying	and the fide		-		^	
ROBERT M. KUE	HNBAUM	3101	O'HAG	AN DRIVE			
Michael	Dur LSC	2.04		Dec 7	189	Last W	



Ministry of Natural Resources

File_

12952

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Township or Arca Forgott en Claim Holder(s) Robert M.	MINING CLAIMS TRAVERSED List numerically				
Survey Company R.M. Kuch Author of ReportSame Address of Author 3101 O'Hag Covering Dates of Survey Total Miles of Line Cut none	n baum pan Dr. Mississauge, Ont 15c 224 (linecutting to office) - flagged topofil/compass line	(prefix)	1019544 (number)		
SPECIAL PROVISIONS CREDITS REQUESTED ENTER 40 days (includes line cutting) for first survey. ENTER 20 days for each additional survey using same grid. AIRBORNE CREDITS (Special provi MagnetometerElectromag (enter of the survey of the survey) DATE: Dec 7 89SIGN/	DAYS per claim -Electromagnetic <u>20</u> - Magnetometer <u>20</u> - Magnetometer <u>20</u> - Radiometric <u>20</u> - Radiometric <u>20</u> Geological <u>20</u> Geochemical <u>20</u> Geochemical <u>20</u> Geochemical <u>20</u> ATURE: Author of Report or Agent				
Res. GcolQuali Previous Surveys File No. Type Date	fications Claim Holder				

OFFICE USE ONLY

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

	GROUND SURVEYS - If more than one survey, specify data for each t	ype of survey							
N	Number of Stations VLF - EM NLK Number	of Readings mag - 162 NF 118							
S	Station interval 20 m VLF 20 m (loci 10m) mag. Line space	sing 100 m							
Pı	Profile scale $V \downarrow F$ $cm = 20\%$								
С	Contour interval <u>Magnetic</u> 200 nT								
()	y Instrument Geometrics G816 proton magnetome	ter							
NE3	Accuracy – Scale constant ± 1 nT								
S	Diurnal correction method <u>looping to base line</u>								
<u>X</u>	Base Station check-in interval (hours) 20 mins.								
	Base Station location and value $BL/4+ m S$ 60, 116 nT	Base Station location and valueBL/4+005 60,116 nT							
0	Instrument <u>Geonics EM-16</u>								
EN -	Coil configuration								
EAG	Coil separation								
NO2	Accuracy / 1 %								
E	Method: Shired transmitter Shoot back In line Parallel line								
	Frequency 24.8 KD2 NLK JIM CREEK, WASH. (specify V.L.F. station)								
• 4	Parameters measured In-phase, quadrature	Parameters measuredIn-phase, quadrature							
	Instrument								
	Scale constant								
	Corrections made								
<u> SAV</u>									
(A	Base station value and location	Base station value and location							
	Instrument								
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	- Integration time								
•	Power								
<u>,</u> ,,,,,	Electrode array								
	Electrode spacing								
	Type of electrode								
	71								

3101 D'Hagan Drive Mississauga, Ontario L5C 2C4 ph. 416-276-6684 December 7, 1989

2.12952

Mining Lands Section Ministry of Northern Development and Mines B80 Bay Street Toronto, Ontario M5S 128

RECEIVED

11 D D D 1909

MILLING LANDS SECTION

Dear sirs:

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Re: Technical Reports, Claim 1019544, Forgotten Lake Area

Please find enclosed 2 copies of the Technical Report for magnetic, VLF-EM, and geological surveys, as well as expenditure credits (receipts attached) regarding claim K1019544.

The <u>Report of Work</u> has been simultaneously submitted to the Kenora Mining Recorder. A copy of that, and the letter to him, are attached here.

Yours truly

Robert M. Kuehnbaum

3101 D'Hagan Drive Mississeuge, Ontario L5C 2C4 ph. 416-276-6684 December 7, 1989

S. Rivett Mining Recorder, Kenora Division Ministry of Northern Development and Mines P.D. Box 5200 80B Robertson Street Kenora, Ontario P9N 3X9

Dear Scott:

١.

COPT

Re: Report of Work, Claim K1019544, Forgotten Lake

Please find attached a <u>Report of Work</u> for geological, magnetic and VLF-EM surveys, as well as expenditure credits for the above claim.

I am simultaneously submitting the Technical Report for the work to Mining Lands, with copies of this letter and the <u>Report of Work</u>. Accopy of my letter to Mining Lands is attached.

Thank you.

Yoursntruly

Robert M. Kuehnbaum

Intario	Geochemical a	nd Expendi	tures)		Note:	Only dar ''Expende	ys credits calcula tures'' section may	ted in the z be entered
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ROBERT M. KUEL	INBAUM	62 6	S. Fai	0 8 15		A46	654	
3101 O'HAGAN	DRIVE MISS	ISSAUG	THO A	L5C 2C4				
Survey Company	1 95			Date of Survey	(from & to) 9 01 1	0 89	Total Miles of line	Cut
Name and Address of Author (o	f Geo-Technical report)			Day Mo. T	Yr. Day M	Ло. Yr.		
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	1.1.11		Recorded					
Date Dec 7.1989	confident or Agent i	Signature)		Date Approved	as Recorded	Branch (Director	
Certification Verifying Repo	ort of Work	J	L					
I hereby certify that I have a or witnessed same during an	a personal and intimate k d/or after its completion	nowledge of and the ann	the facts set exed report is	forth in the Report true.	of Work anne	xed hereto	, having performed	the work
Name and Postal Address of Per	rson Certifying				. <u></u>	Λ	······································	- <u></u>
KOBERT M. KUE	HNBYNW	3101	O'HAC	Date Certified		TCHILI	i Malignature)	
MISSISSAUGA	ONT LSI	c 2C4		Dec 7	189	44		
1362 /95/12)								

Ministry of Northern Developmen and Mines	nt (Geophysica), (Geochemical a	Drk Geologica, nd Expendi	DATUME W8501 Mining	~ 1 NO, Im ~ 276	structions: Note:		Please type or print. If number of mining exceeds space on this fo Only days credits ca "Expenditures" section in the "Expend. Days Do not use shaded areas	claims traversed orm, attach a list. iculated in the may be entered s Cr." columns. below.		
Type of Survey(s)		- 4			Townsh	vip o	r Area	26.18		
GEOLOGICAL MAPPING, MAGNETIC & VLF-EM										
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3101 O'HAGAN	DRIVE MISS	ISSAUG	A ONT	L56 264						
Dete of Survey (from & to) 23 89 89 1 At 10 89 Total Miles of line Cut										
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Dec 7, 1989	KUUT MU			7002	6/70	1	www.			
i hereby certify that I have a	rt of work personal and intimate k	wiedae of 1	the facts set for	orth in the Report 4	of Work an		S	ned the work		
or witnessed same during and	for after its completion	and the anne	xed report is	true.		1	······································			
ROBERT M. KUE	ton Certifying	3101	O'HAG	IN DRIVE						
MISSISSAUGA	Opt LSC	2.04		Dec 7	189		WHE Westerner			

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Onta	ario

Ministry of Natural Resources

File_

.12932

GEOPHYSICAL – GEOLOGICAL – GEOCHEMIC TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) <u>Geological</u> , <u>magnetic</u> , <u>VLF-EM</u> Township or Area <u>Forgott en Lake</u> Claim Holder(s) <u>Robert M. Kuchn baum</u>	MINING CLAIMS TRAVERSED
Survey Company <u>R.M. Kuchn balum</u> Author of Report <u>Same</u> Address of Author <u>3101</u> O'kagan Dr. <u>Missinsauge</u> , Ont <u>LSE 264</u> Covering Dates of Survey (Encentting to office) Total Miles of Line Cut <u>nene - flaged topofil/compass line</u>	K 1019544 (prefix) (number)
SPECIAL PROVISIONS CREDITS REQUESTED DAYS per claim ENTER 40 days (includes line cutting) for first -Electromagnetic 20 Magnetometer 20 ENTER 20 days for each additional survey using same grid. -Radiometric 20 AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys) Geochemical Magnetometer Electromagnetic Radiometric DATE: Date: SIGNATURE: Magnet or Agent	
Res. Geol. Qualifications 2.8574 <u>Previous Surveys</u> Date Claim Holder File No. Type Date Claim Holder	
	TOTAL CLAIMS1

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

<u>GROUND SURVEYS</u> - If more than one survey, specify data for each type of survey

N	umber of Stations VLF-EM NLK Number of Readings mag - 162 VLF 8								
S	tation interval 20 m VLF 20 m (bal low) mag. Line spacing 100 m								
D.	rotile cale VLF) cm = 20%								
C	ontour internal Magaztic 200 nT								
ŭ									
NETIC	Instrument <u>Geometrics G816 proton magas tometer</u> Accuracy - Scale constant <u>± 1 nT</u> Diurnal correction method legging to base line								
A	Race Station check in interval (hours) 20 mins								
2	Page Station logition and where BL/ALOS GO ILL AT								
	Dase Station location and value M.B./ 77 52 2								
AGNETIC	Instrument <u>Geonics EM-16</u> Coil configuration Coil separation								
Ø									
Ĩ	Method: Sixed transmitter Shoot back In line Parallel line								
LEX	Frequency 24.8 KH2 NLK Jim CREEK, WASH.								
ല്	Parameters measured In-Dhase, Quadrature								
	Instrument								
	Some constant								
건									
N	Corrections made								
<u>IRA</u>	· · · · · · · · · · · · · · · · · · ·								
0	Base station value and location								
	Elevation accuracy								
	Instrument								
	Method Time Domain Trequency Domain								
	Parameters – On time Frequency								
Ä	Off time								
ХIТ	- Delay time								
LI.	- Integration time								
ESI	Power								
R	Flectrode array								
	Electrode an sing								
	Type of electrode								

INDUCED POLARIZATION

3101 O'Hagan Drive Mississauga, Ontario L5C 2C4 ph. 416-276-6684 December 7, 1989

2.12952

Mining Lands Section Ministry of Northern Development and Mines 880 Bay Street Toronto, Ontario M55 128

RECE!VED

SEC () 8 1989

MINING LANDS SECTION

Dear sirs:

2

Re: Technical Reports, Claim 1019544, Forgotten Lake Marea

Please find enclosed 2 copies of the Technical Report for magnetic, VLF-EM, and geological surveys, as well as expenditure credits (receipts attached) regarding claim K1D19544.

The <u>Report of Work</u> has been simultaneously submitted to the Kenora Mining Recorder. A copy of that, and the letter to him, are attached here.

Ynım

Robert M. Kuehnbaum

3101 O'Hagan Drive Mississauga, Ontario L5C 2C4 ph. 416-276-6684 December 7, 1989

S. Rivett Mining Recorder, Kenora Division Ministry of Northern Development and Mines P.O. Box 5200 808 Robertson Street Kenora, Ontario P9N 3X9

Dear Scott:

(cor)

Re: Report of Work, Claim K1019544, Forgotten Lake

Please find attached a <u>Report of Work</u> for geological, magnetic and VLF-EM surveys, as well as expenditure credits for the above claim.

I am simultaneously submitting the Technical Report for the work to Mining Lands, with copies of this letter and the <u>Report of Work</u>. Accopy of my letter to Mining Lands is attached.

Thank you.

Yours

Robert M. Kuehnbeum

Intario	Geochemical a	nd Expend	itures)		Note:	Only day	s credits calcula	ted in the		
•			Minine	Act		in the "E	xpend. Days Cr.	" columns.		
Type of Survey(s) Township							or Area			
GEOLOGMAL MAT	PING, MAGNET		-Em		FORGOT	EN LA	KE.			
laim Holder (:		9	12952			Prospector	r's Licence No.			
KODERT M. KUEH	INBAUM									
3101 O'HAGAN	DRIVE MISS	SISSAUG	A ONT	LSC 264				1		
Survey Company		-		Date of Survey	(from & to)	0 89	Total Miles of line	Cut		
K. M. KAEHNBAN	Geo-Technical report)			Day Mo.	Yr. Day I	Ao. Yr.	n. 1	• • • •		
as above										
redits Requested per Each C	laim in Columns at i	right	Mining C	laims Traversed (1	List in nume	rical seque	ence)	~		
Special Provisions	Geophysical	Days per Claim	Prefix	lining Claim Number	Expend. Days Cr.	- tato	ning giam	E.M		
For first survey:	- Electromagnetic	20	κ	1019544	17.25		VO			
includes line cutting)	- Magnetom ter	20	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1							
For each additional summer	- Radiometric				1 1					
using the same grid:	Other			• • • •						
Enter 20 days (for each)	5				<u> </u>					
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and enter total(s) here	- Electromagnetic									
Τ	- Memetometer									
	- Rediometric					ŀ		I		
	- Other	1								
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Airborne Credits	Geochemical	Davs per					•			
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Note: Special provisions credits do not apply	Electromagnetic			ļ	_		l			
to Airborne Surveys.	Magnetometer			· ·						
	Rediometric			į						
Expenditures (excludes powe	er stripping)			i I			I			
Type of work Performed				1						
Performed on Claim(s)										
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/	i de la companya de				├ ──┥					
Calculation of Expanditure Pays	s Credits	Total								
Total Expanditures		vs Credits		• • • • • • • • • • • • • • • • • • • •	L					
\$ 258.75	÷ [15] = [r	7.25				Total nu claims co	mber of mining	1		
Instructions Total Days Credits may be an	portioned at the claim	holder's				report of	work.	•		
choice. Enter number of days	s credits per claim selec	ted	Total Day	For Office Use C	<u>Dnly</u>	Mining B	ecorder			
			Recorded							
Date Re	Higher or Agent	(Signature)		Date Approved	as Recorded	Branch D	irector			
Certification Verifying Beno	KUOT PU									
I hereby certify that I have a	personal and intimate I	knowledge of	the facts set	forth in the Report	of Work annex	ked hereto,	having performed	the work		
Or witnessed same during and	l/or after its completion	and the ann	exed report is	s true.			<u></u>			
ROBERT M. KUFT	HN BAUM	3101	O'HA	IN DRIVE		Λ.				
				Date Cartified	100		Signature)			
MUSSISSAUGA	UNT 1-5	c <u>2C</u> 4		Vec 7	/07	1440				



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LEGEND HIGHWAY AND ROUTE No OTHER BOADS TRAILS -------SURVEYED LINES 1 TOWNSHIPS BASE L LES ETC , LOTS, MINING CLAIMS PARCELS, ETC -----UNSURVEYED LINES LOT LINES PARCEL BOUNDARY -----MINING CLAIMS ETC. RAILWAY AND RIGHT OF WAY JTILITY . MES -----NON PEREN A ALLIFELAN FLOODING OR FLOOD NO RIGHTS SUBDIVISION OR COMPOSITE PLAN -----4E3FE, 17 71/S ------ORIGINAL SHORELINE MARSH OR MUSKEG 4..... MINES - **X** TRAVERSE 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 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 • MR.O. - MINING RIGHTS ONLY S R.O. - SURFACE RIGHTS ONLY M.+ S. - MINING AND SURFACE RIGHTS W 20/82 13/4/82 SR B W R 194201 R2 W-24/86 MAR.20/86 54 MR 7598 $\Xi \wedge \gamma = \Lambda$ 111111212 Receiv FE3 1 2 1950 7891011 121 23 456 SCALE 1 INCH = 40 CHAINS FEET 1000 2000 0 200 METRES 1000 1 K.M. [2 KM] AREA FORGOTTEN LAKE M.N.R. ADMINISTRATIVE DISTRICT KENORA MINING DIVISION KENORA LAND TITLES / REGISTRY DIVISION KENORA . • NGTUTE Auchenement **.** . . Date JANJARY 1994 Number + • • • •

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