



52J07NW9183 63.6056 ARMIT LAKE

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A REPORT ON TRENCHING & STRIPPING
OPERATIONS, KASHAWEOGAMA PROPERTY,
1992



October 22, 1992

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INTRODUCTION

The Kashaweogama (Kash) gold property consists of 37 contiguous, unpatented mining claims located in the Savant Lake area of northwestern Ontario. It is approximately 5 miles west of Highway 599 which runs between Ignace and Pickle Lake. The location of the property is shown in following Figure 1.

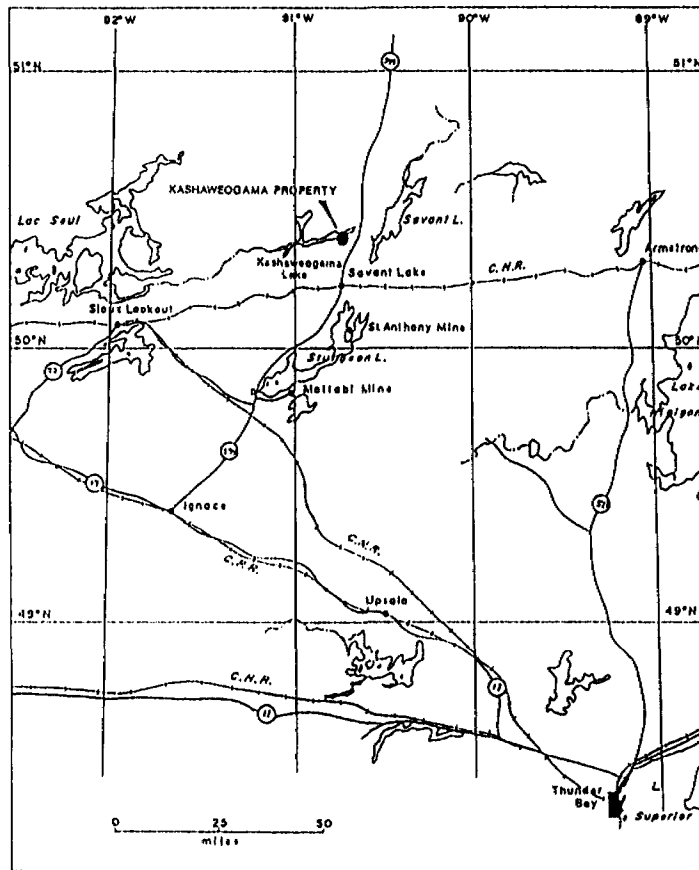


FIGURE 1 - General location of the Kashaweogama Property Area

The purpose of this report is to describe the stripping and trenching operations completed on the Kashaweogama property during 1992. This work was carried out under the supervision of Mr. R.G. Ramsay, and was done during the periods June 15 to June 26, 1992, and September 7 to September 23, 1992.

This report has been prepared by G.M. Hogg, P.Eng., who carried out geological mapping within the property area concurrently with the stripping and trenching program. All areas in which stripping and trenching were carried out were examined and sampled by the writer.

Sample analyses reported herein were completed by Chauncey Assay Laboratories Ltd. of Toronto, Ontario.

PROPERTY LOCATION, CULTURE

The Kashaweogama property lies approximately 5 miles west of Highway 599, which runs between Savant Lake and Pickle Lake in northwestern Ontario. It is easily accessible via the waters of Kashaweogama Lake from a boat landing located about $\frac{1}{2}$ mile west of the highway. There is also a bush road running west from the boat landing, extending to within one mile of the property area on the south side of Kashaweogama Lake.

The area is wooded with spruce, poplar and pine, with second growth in areas which have been cut in the past. The area exhibits a local relief of about 20 meters, and has moderate outcrop exposure. Overburden is generally composed of poorly sorted glacial till and sand. The land areas drain into Kashaweogama Lake, which covers the central part of the property, this draining west into the Marchington River system and thence northward as part of the James Bay watershed.

The closest source of electric power is the transmission line bringing power to an indian settlement being constructed near the boat landing five

miles to the east. Local labour and supplies are available at Savant Lake, about 15 miles to the south, and the nearest active mining operations are at the Mattabi mine 40 miles to the south, and the Golden Patricia mine 50 miles to the north.

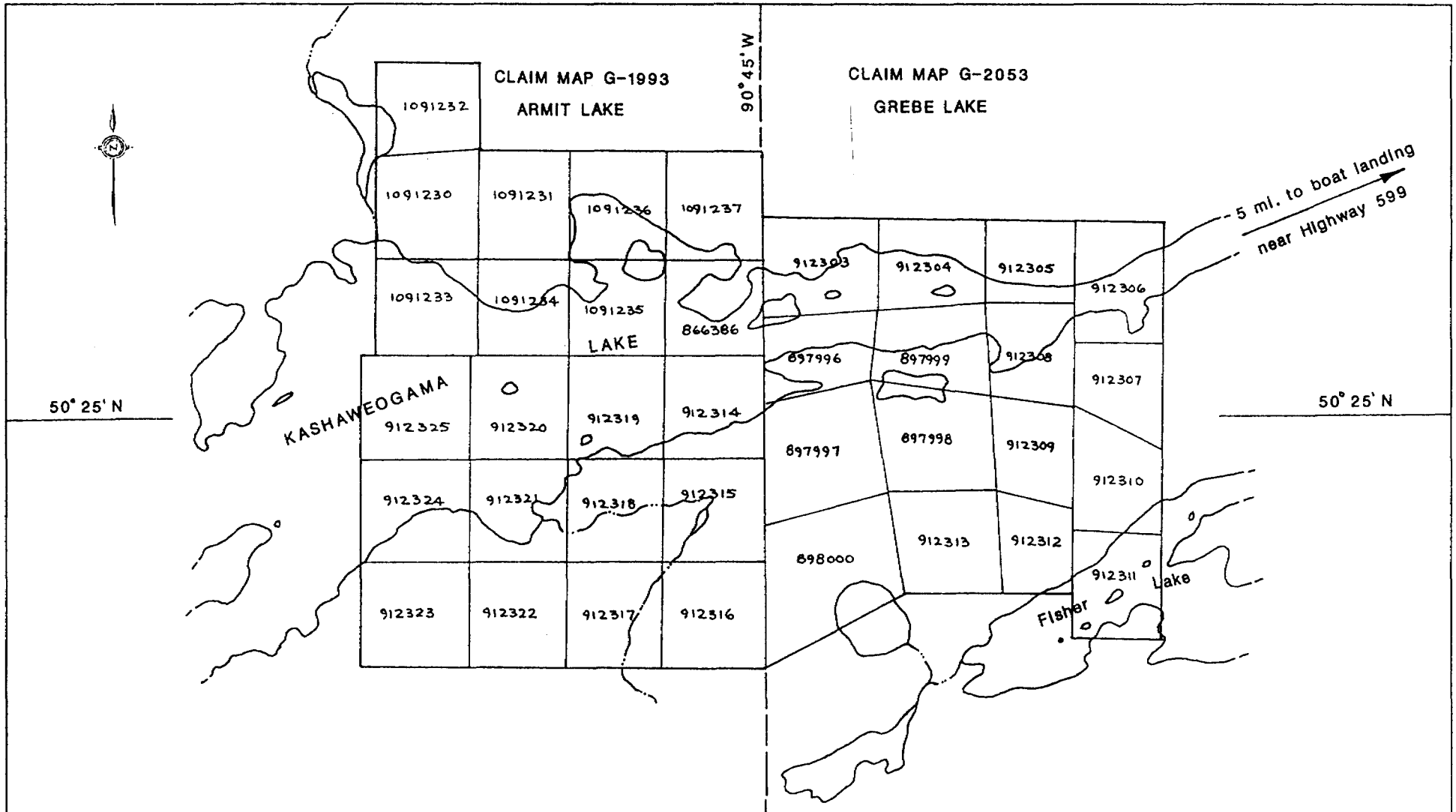
During late 1991 a reserve area at Kashaweogama Lake was granted to the Saugeen Indian Band by the Ontario government, and the survey of this reserve area was completed during 1992. The northern boundary of the Kashaweogama property forms part of this reserve boundary.

CLAIM STATUS, OWNERSHIP

The 37 unpatented mining claims making up the Kashaweogama property are illustrated in Figure 2. Claim ownership is registered in the name of R.G. Ramsay, who resides at 10 Cook Street, Barrie, Ontario, L4M 4E9. The claims included may be listed as follows:

Claim No.	Recording Date	Status
Pa 866386	July 25, 1986	In good standing
Pa 897996 - 898000 incl.	October 21, 1986	In good standing *
Pa 912303 - 912325 incl.	November 21, 1986	In good standing
Pa 1091230 - 1091237 incl.	September 14, 1989	In good standing

* - Additional work credit required on claim Pa 898000 on October 21, 1992, for renewal. Request for transfer of necessary credit for renewal from excess work on record made October 9, 1992.



CLAIM LOCATION PLAN OF THE KASHAWEOGAMA PROPERTY

FIGURE 2

SCALE : 1 Inch = 2,000 feet

G.M. HOOG & ASSOCIATES LTD.

1992 STRIPPING & TRENCHING OPERATIONS, PERSONNEL

As noted, stripping and trenching operations within the Kashaweogama property during 1992 were carried out in two phases. The first period of operations extended from June 15th to 26th, 1992, and the second from September 7th to 23rd, 1992. These programs were supervised by R.G. Ramsay, and local labour was hired from nearby Savant Lake.

The personnel involved and the time spent in stripping and trenching operations may be summarized as follows:

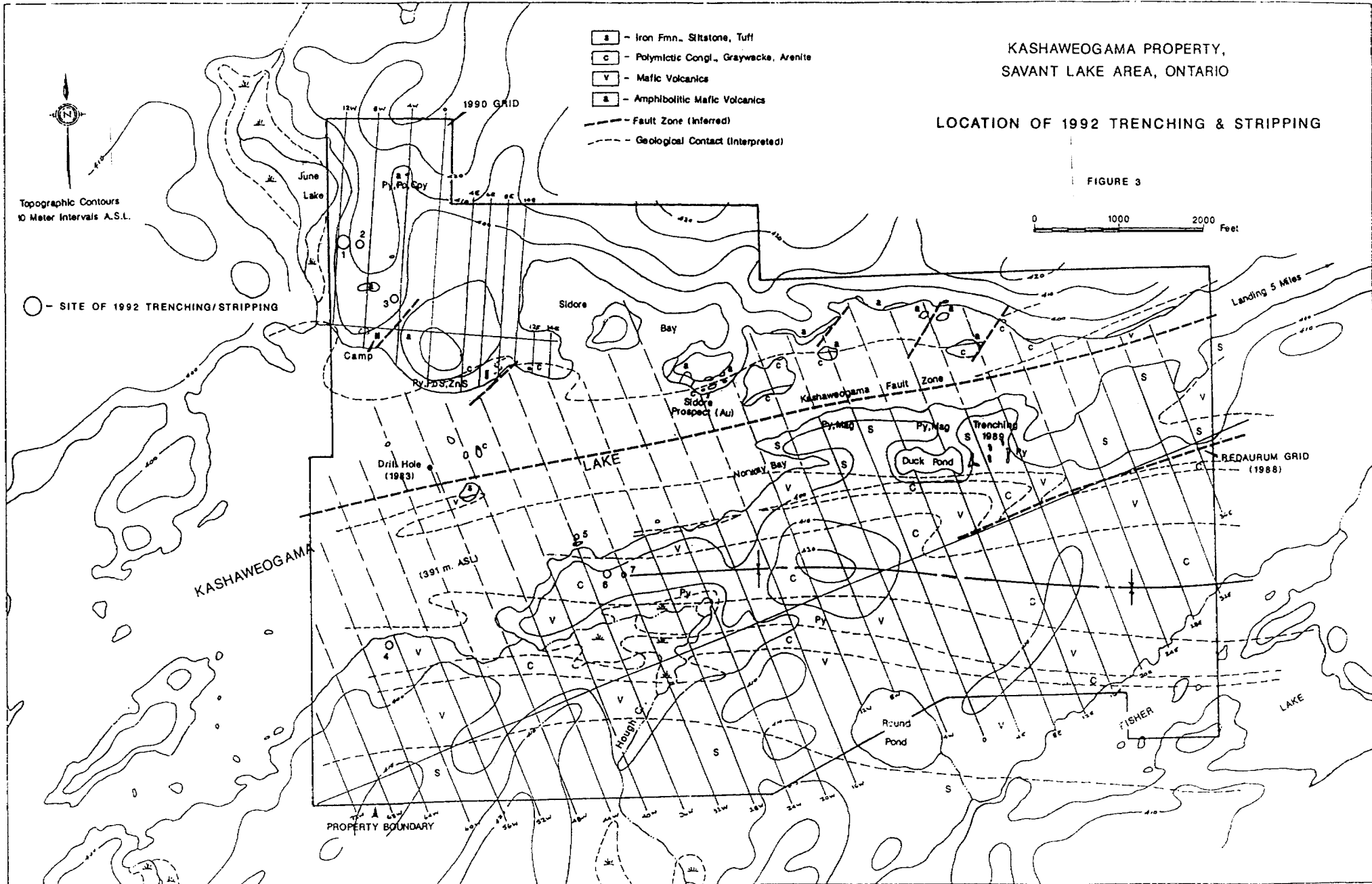
	<u>Days</u>
June 15 - 26 Period:	
R.G. Ramsay, 10 Cook Street, Barrie, Ont., L4M 4E9.....	9
Tony Neecon, Savant Lake, Ont., POV 2S0.....	9
Harry Maggotte, Savant Lake, Ont., POV 2S0.....	9
September 7 - 23 Period:	
R.G. Ramsay, 10 Cook Street, Barrie, Ont., L4M 4E9.....	13
Lawrence Boucher, Savant Lake, Ont., POV 2S0.....	13
Harry Maggotte, Savant Lake, Ont., POV 2S0.....	3

1992 STRIPPING & TRENCHING PROGRAM

GENERAL COMMENTS:

As indicated in Figure 3, the Kashaweogama property is underlain by highly disturbed Archean metasediments and mafic metavolcanics. These are cut by the east-west trending Kashaweogama Thrust Fault system which extends through the property area under the waters of Kashaweogama Lake.

Outcrop exposure on the included lands to the north (1990 Grid) and south (1988 Grid) of the lake may be described as moderate. Overburden cover



consists of poorly sorted glacial till and sand.

Sulphide mineralization is widespread in the property area, commonly consisting of disseminated pyrite within metasediments. Native gold is present in the Sidore prospect area, and it occurs associated with pyrite in several other locations. Disseminations of chalcopyrite, galena and sphalerite are also common in more strongly mineralized areas.

Stripping and trenching were carried out in 7 locations within the property area during 1992. These are numbered 1 to 7 on accompanying Figure 3. The bulk of this work was completed in the No. 1 location, termed the 11W Trench area, which lies within Claim Pa 1091232 in the 1990 Grid area. In this location anomalous gold values in the range of 800 ppb Au have been obtained from samples of sericitic siliceous metasediments in which low disseminations of pyrite are widespread. Fuchsite, some quartz veining with tourmaline and reddish hematitic alteration also occur associated with shear zones in this vicinity. Stripping and trenching were also carried out in the No. 2 and No. 3 locations within the 1990 Grid area during this program.

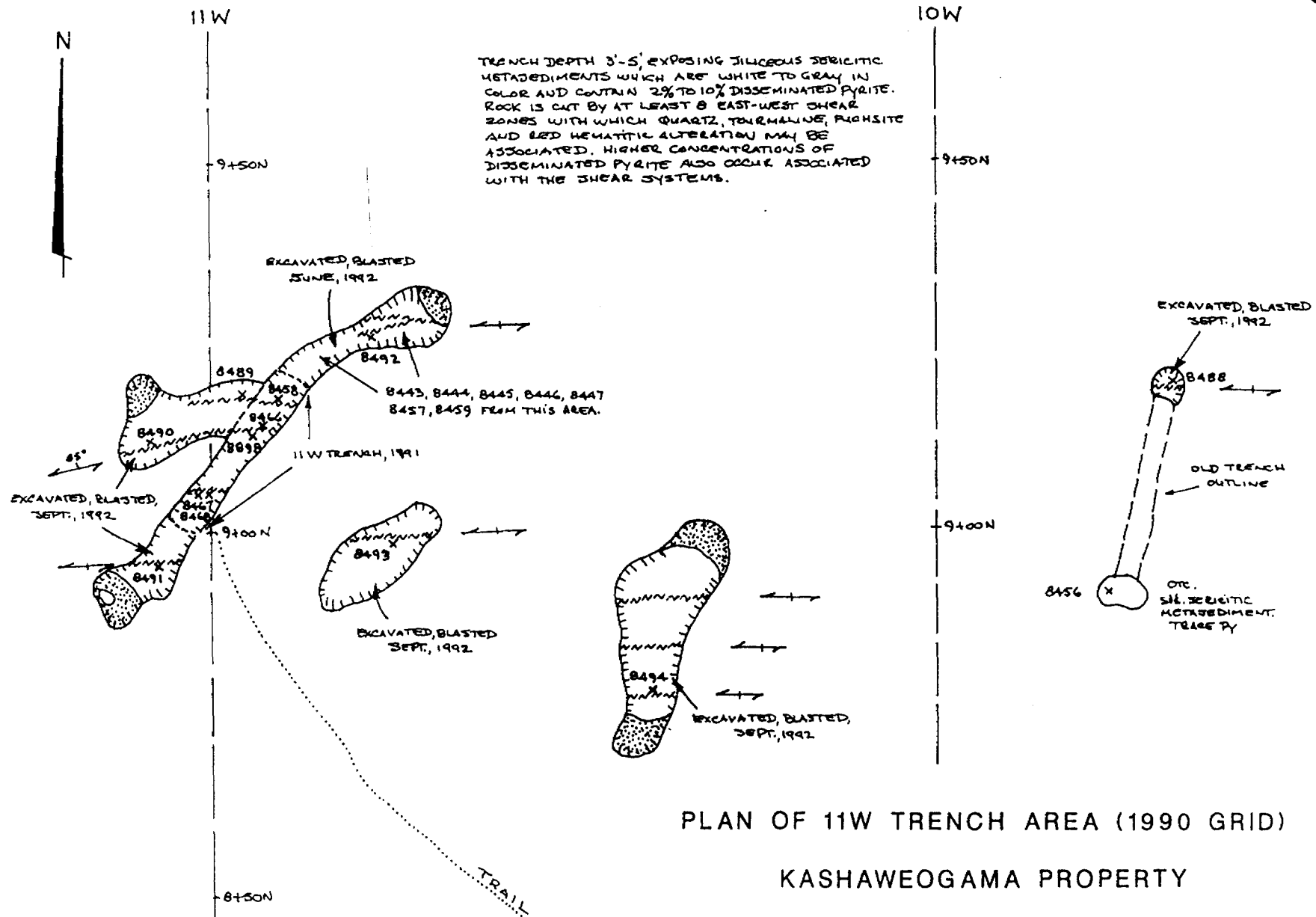
Remapping was initiated in the south shore area (1988 Grid area) during 1992. Locations 4, 5, 6 and 7 were stripped and trenched to some extent as a result of this work.

The extent and results of stripping and trenching operations in each of these locations will be described in the following sections.

11W TRENCH AREA: (Locations 1 & 2, Figure 3)

The original trench in this overburden-covered area was completed during 1991. Thus is indicated in Figure 4. The original trench was extended an additional 25 feet to the northeast in June, 1991, and an additional 15 feet to the southwest and 20 feet to the west in September, 1992. Overburden in

TRENCH DEPTH 3'-5', EXPOSING JILICEOUS SERICITIC METASEDIMENTS WHICH ARE WHITE TO GRAY IN COLOR AND CONTAIN 2% TO 10% DISSEMINATED PYRITE. ROCK IS CUT BY AT LEAST 8 EAST-WEST SHEAR ZONES WITH WHICH QUARTZ, TOURMALINE, PLAGIOCLASE AND RED HEMATITIC ALTERATION MAY BE ASSOCIATED. HIGHER CONCENTRATIONS OF DISSEMINATED PYRITE ALSO OCCUR ASSOCIATED WITH THE SHEAR SYSTEMS.



PLAN OF 11W TRENCH AREA (1990 GRID)

KASHAWEOGAMA PROPERTY

(Claim Pa 1091232)

Note: Shown as Areas 1 & 2 on Location Plan (Figure 3)

SCALE : 1 Inch = 20 feet

FIGURE 4

this area consists of sand and boulders from 3 to 5 feet in depth.

Also completed during September, 1992, were new trench areas 25 feet east, 60 feet east and 120 feet east of the original trench (see Figure 4). Similar overburden conditions were encountered in these locations. All trench areas were excavated manually using powder to move heavy boulder concentrations. Smooth rock surfaces were then broken for examination and sampling using a plugger and blasting.

Trenching completed in this area during 1992 may be listed as follows:

	<u>Length x Width x Depth (feet)</u>
11W Trench NE Extension.....	25' x 5' x 5'
11W Trench W Extension.....	20' x 8' x 4'
11W Trench SW Extension.....	15' x 5' x 3'
Trench 25'E of 11W Trench.....	20' x 10' x 4'
Trench 60'E of 11W Trench.....	30' x 9' x 5'
Trench 120'E of 11W Trench.....	4' x 4' x 3'

All areas exposed in trenching are underlain by siliceous sericitic metasediments which are light to dark gray in color. Brassy to yellow pyrite occurs disseminated throughout the metasediments at a level of 1% to 2%. The metasediments are cut by at least eight narrow shear zones up to 1 foot in width which strike at Az. 90° to 100°, and are near vertical in attitude. Fuchsitic material, quartz veining containing some tourmaline, and reddish hematitic alteration occur sporadically along the shear zones. Pyritic mineralization is more abundant in sheared areas, sometimes reaching concentrations of 5% to 10% in disseminations and along shear planes.

Samples were taken from various locations in the trenched areas as shown in Figure 4. The results of this sampling are shown in the following tabulation.

<u>Sample No.</u>	<u>Au ppb</u>	<u>Cu ppm</u>	<u>Pb ppm</u>	<u>Zn ppm</u>	<u>Ag ppm</u>
8443	19	33	27	24	-
8444	21	32	34	15	-
8445	29	24	18	26	-
8446	20	17	23	12	-
8447	24	24	16	31	-
8456	19	26	22	12	-
8457	27	33	31	32	-
8458	23	86	18	10	-
8459	19	36	28	30	-
8466	49	20	23	10	-
8467*	0.15 oz./ton	-	-	-	-
8468*	290	-	-	-	-
8488	444	-	-	-	-
8489	360	-	-	-	-
8490	245	-	-	-	-
8491	200	-	-	-	-
8492	183	-	-	-	-
8493	222	-	-	-	-
8494	307	-	-	-	-
8898**	40	3.4	0.8	0.4	0.3

* - 8467 is a sample of panned material (pyrite concentrated).
8468 is a sample of the source material from which
the panned sample was derived.

** - 8898 was a large sample(450 gm.) containing about 10%
pyrite. It was ground and leached in a 1% cyanide
solution which was then analyzed.

In respect to the foregoing tabulation it will be noted that samples 8443 to 8446 (submitted in June, 1992) were relatively large (+ 100 gms.), containing a maximum of 5% disseminated pyrite. Samples 8488 to 8494 (submitted in September, 1992) were smaller in size (- 50 gms.) and contained pyrite disseminations from 5% to 10%. The increase in gold values reported in the latter series suggest that gold in the 11W Trench environment is closely associated with pyrite, and that the presence of higher percentages of pyrite in analytical sample material will yield higher gold values.

This view is supported by the results of panned sample 8467 which reported a value of 0.15 oz.Au/ton. This sample was analyzed because minute flakes of what appeared to be gold were observed on the faces of some pyrite crystals in the pan concentrate. As submitted this sample was approximately 25 gms. in weight and contained about 20% pyrite.

Trenching operations in the 11W Trench area during 1992 greatly increased exposure in this geologically attractive location, and showed the contained east-west shear systems to be much more extensive than previously recognized. The pervasive presence of gold in the area and its close association with pyrite have also been demonstrated.

Over the 60 feet or so of across-strike distance now exposed, there does not seem to be any clear indication of an increase in intensity of either shearing or mineralization to either the north or the south. However, observations in the Stringer Zone area 300 feet to the east suggest that they do increase towards the north. As the VLF-EM conductor known to occur about 250 feet north of the 11W Trench location may reflect the presence of higher pyritic concentrations and/or a strong shear system, it must be rated as an attractive exploration target.

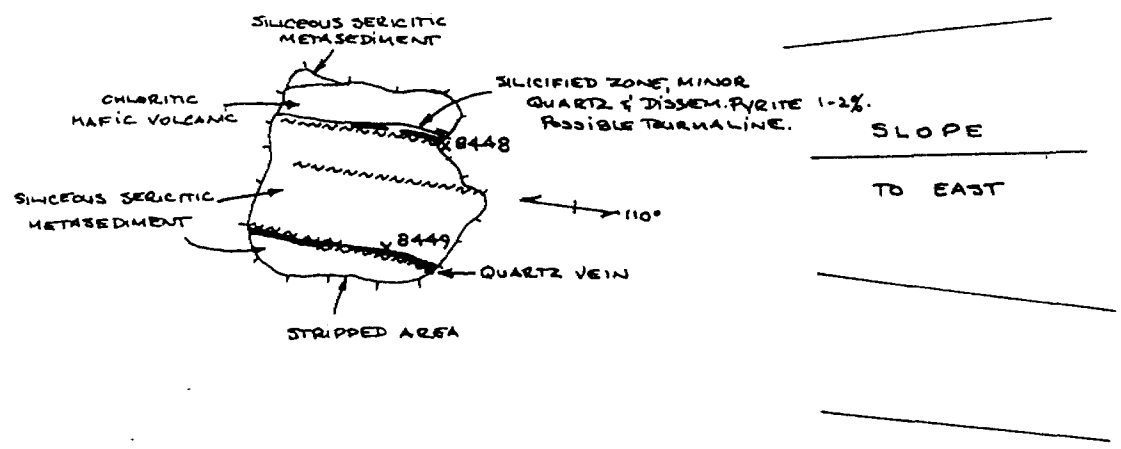
4+50 W STRIPPING AREA: (Location 3, Figure 3)

During July, 1992, a small outcrop exposure located at 4+50W, 3+00n on the 1990 grid was enlarged to about 10' x 10' by stripping. Overburden in this location averaged about 1.0'. This work was undertaken because a sample of sugary tourmaline-bearing quartz was taken in this area during 1991 which reported a value of 543 ppb Au.

As indicated in Figure 5, the location proved underlain mainly by schistose siliceous metasediments which are light gray to reddish in color. Chloritic mafic volcanic material is also present. Silicification and the

4W

Note: Shown as Area 3 on Location Plan (Figure 3)



PLAN OF 4+50W STRIPPING AREA (1990 GRID)

KASHAWEOGAMA PROPERTY

(Claim Pa 1091230)

SCALE : 1 Inch = 10 feet

FIGURE 5

development of narrow sugary quartz veining occur along shear systems which are conformable with schistosity (Az. 110°, dip vertical). Some black tourmaline is believed present in places within the veining, but only traces of pyrite were noted within the veining and host rock material.

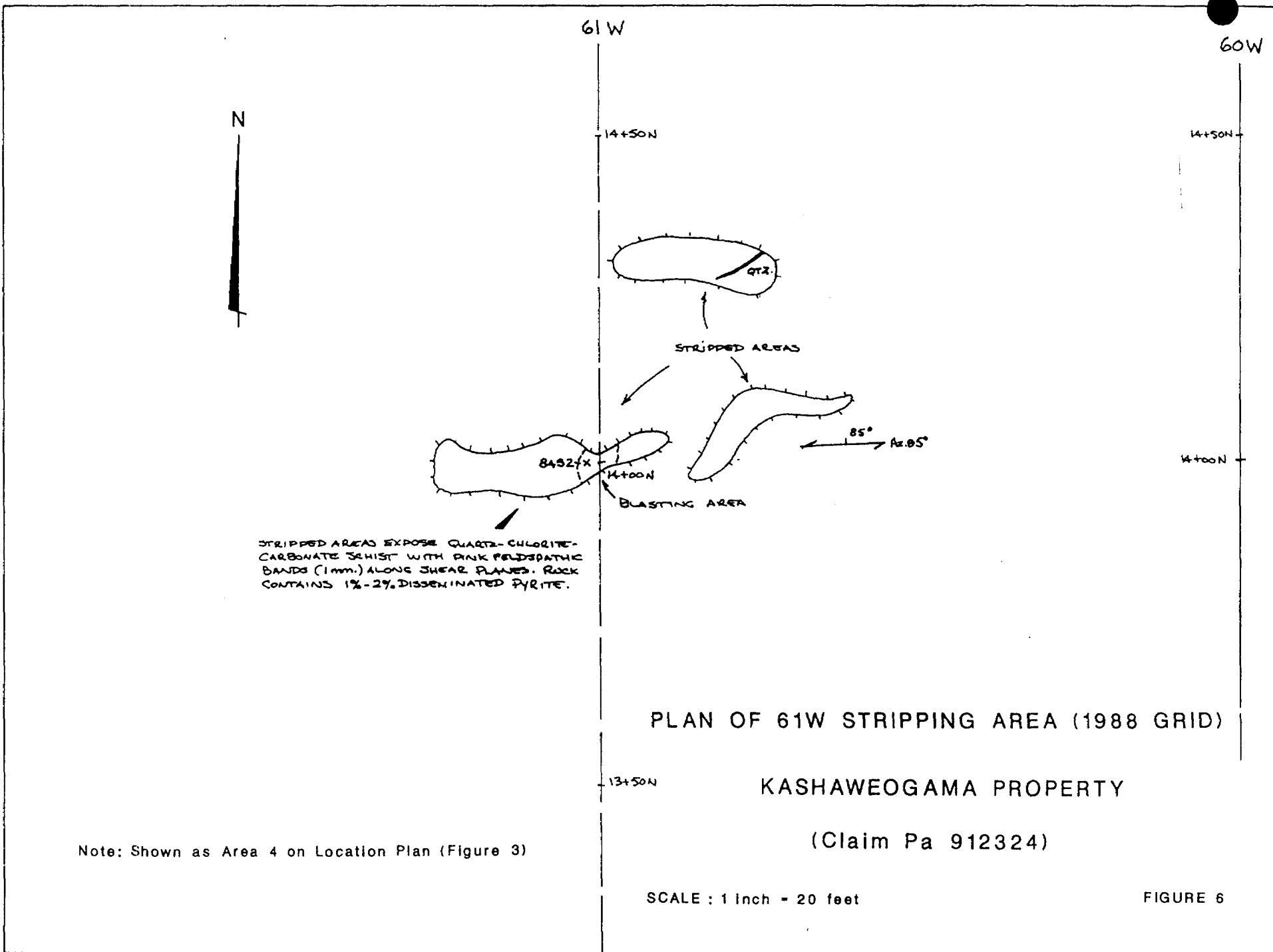
Assay results from representative grab samples taken in veined and silicified areas were reported as follows:

<u>Sample No.</u>	<u>Au ppb</u>	<u>Cu ppm</u>	<u>Pb ppm</u>	<u>Zn ppm</u>
8448	18	12	12	12
8449	19	16	12	10

The rocks in this location area highly folded, and similar in character to those exposed in the Stringer Zone to the northwest. Magnetic and VLF-EM data suggest that the 4+50W, 3+00N location is situated in the nose area of a larger fold structure, and that these rocks are indeed the stratigraphic equivalent of those occurring in the Stringer Zone area. The better mineralized metasedimentary units of the 11W Trench area would be expected to lie in the same highly folded and sheared configuration further to the east. This area is overburden-covered.

61+00W STRIPPING & TRENCHING AREA: (Location 4, Figure 3)

This location lies near the south shore of Kashaweogama Lake within the 1988 Grid area, and stripping and some trenching was undertaken in this area during June, 1992. This work was initiated because (1) of the presence of pyritic mineralization in cherty amphibole schist 200 feet to the north (grab sample values reported at 241 and 38 ppb Au), and (2) the presence of low magnetic and VLF-EM activity in the vicinity. Three areas about 30' x 6' were stripped and cleaned, and a shallow trench blasted in the central part of one of them (see Figure 6).



STRIPPED AREAS EXPOSE QUARTZ-CHLORITE-CARBONATE SCHIST WITH PINK FELDSPATHIC BANDS (1mm.) ALONG SHEAR PLANES. ROCK CONTAINS 1%-2% DISSEMINATED PYRITE.

PLAN OF 61W STRIPPING AREA (1988 GRID)

KASHAWEOGAMA PROPERTY

(Claim Pa 912324)

Note: Shown as Area 4 on Location Plan (Figure 3)

SCALE : 1 Inch = 20 feet

FIGURE 6

The exposed rock is classified as quartz-chlorite-carbonate schist. It contains feldspathic interbeds about 1 mm. in thickness in varying intensity. Schistosity was noted at Az. 85°, dipping 85°N. Very low disseminated pyrite mineralization estimated at 1% to 2% maximum is present in this area. A narrow quartz vein occurs in one of the stripped areas.

A single representative sample taken from the blasted area returned values of 24 ppb Au, 50 ppm Cu, 43 ppm Pb, and 49 ppm Zn.

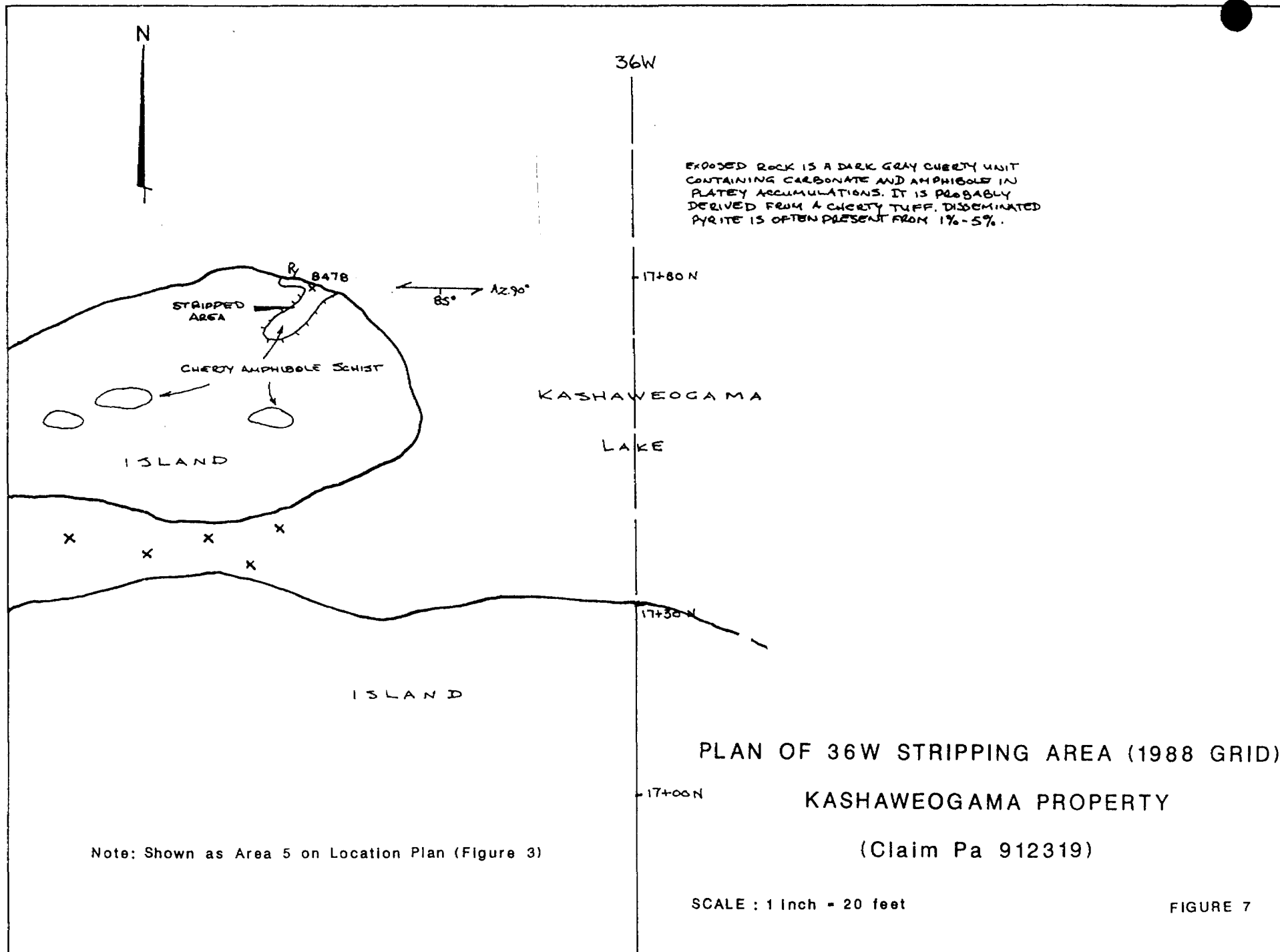
The low VLF-EM response in this vicinity is probably due to a wet shear system, and appears to bear no relationship to contained mineralization. The minor magnetic variance is considered to be of a lithological source.

36+50W STRIPPING AREA: (Location 5, Figure 3)

A 10' x 4' area was stripped at the shoreline of a small island located at 36+50W, 17+80N (1988 Grid) during September, 1992. This area, and the island itself, is underlain by cherty amphibole schist with disseminated pyrite to about 3% occurring at the shoreline (see Figure 7).

Representative sample 8478 of the mineralized material was taken at the lakeshore, and it reported at 161 ppb Au.

This area was examined closely as it is underlain by the same cherty rock type which was encountered at the lakeshore on line 61W, and in earlier Northern Dynasty drilling under the lake to the west of the property. It has also been noted in angular float on the south shore of Norway Bay where it yielded a value of 1,200 ppb Au. The rock type contains some carbonate in seams, and variable amounts of amphibole in clots and/or platy aggregates. It is believed derived from a tuffaceous chert.



34+00W STRIPPING & TRENCHING AREA: (Location 6, Figure 3)

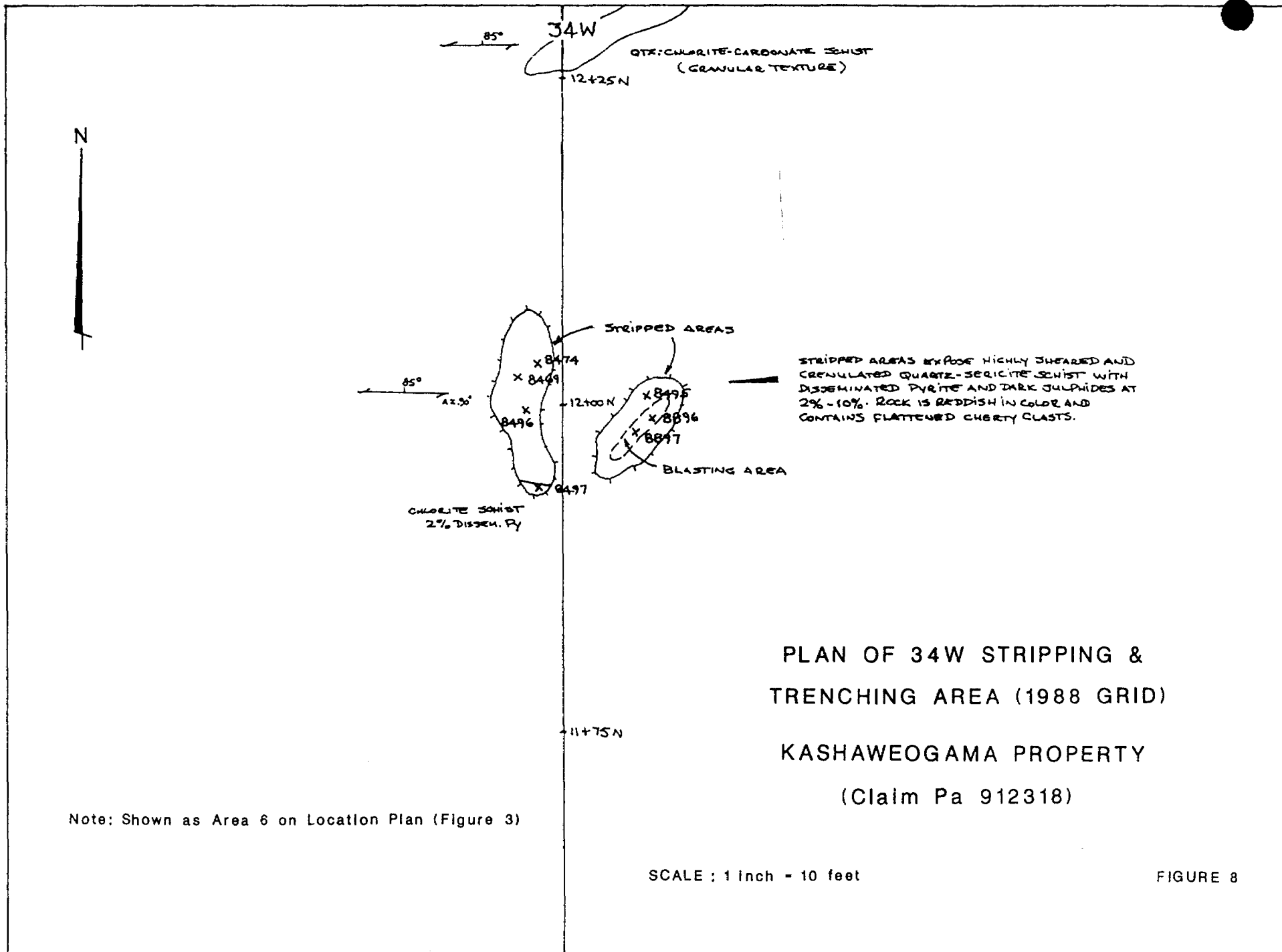
During September, 1992, geological investigation in the south shore area (1988 Grid) located a well mineralized outcrop of intensely sheared quartz sericite schist at 12+00 N on line 34+00 W. An area 25' x 20' was subsequently stripped, and blasting carried out to penetrate the weathered outcrop surface (see Figure 8). The rock proved to be a reddish conglomeratic sericite schist in which often-flattened siliceous clasts up to 2 cm. in length contain sulphide mineralization to about 10% of rock volume. Disseminated pyrite and darker sulphides are present.

General schistosity at Az. 90° at a dip of 85°N was noted, but other shear systems at varying attitudes are present. This extreme deformation suggests that complex folding occurs in the vicinity.

Several samples were taken in this location, and the results are shown in the following tabulation.

<u>Sample No.</u>	<u>Au ppb</u>	<u>Cu ppm</u>	<u>Pb ppm</u>	<u>Zn ppm</u>	<u>Ag ppm</u>
8469 (Composite)	100	240	51	101	5
	1,800				
	110				
	115				
8474 (Min.Schist)	241	-	-	-	-
8495 (Min.Schist)	377	-	-	-	-
8496 (Min.Clast)	240	-	-	-	-
8497 (Chlor.Sch.)	275	-	-	-	-
8896 (CN Leach) *	60	4.4	1.0	1.0	0.6
8897 (CN Leach) *	41	13.6	0.6	0.4	0.2

* - 8896 was a 466 gm. sample of mineralized schist, and 8897 a 450 gm. sample of mineralized clast material. These were pulverized and treated with a 1% cyanide solution which was then analyzed.



QZ: CHLORITE-CARBONATE SCHIST
(GRANULAR TEXTURE)

34W

12+25N

12+00N

11+75N

STRIPPED AREAS

BLASTING AREA

CHLORITE SCHIST
2% DISSEM. PY

STRIPPED AREAS EXPOSE HIGHLY SHEARED AND
CRENULATED QUARTZ-SERICITE SCHIST WITH
DISSEMINATED PYRITE AND DARK SULPHIDES AT
2% - 10%. ROCK IS REDDISH IN COLOR AND
CONTAINS FLATTENED CHERT CLASTS.

PLAN OF 34W STRIPPING &
TRENCHING AREA (1988 GRID)

KASHAWEOGAMA PROPERTY
(Claim Pa 912318)

Note: Shown as Area 6 on Location Plan (Figure 3)

SCALE : 1 inch = 10 feet

FIGURE 8

As in the case of the previously described 11W Trench area, larger samples in this instance also yield lower gold values on assay (8896 and 8897 in the 450 gm. range, 8469 in the 100 gm. range, and the others in the 50 gm. range). Again it appears that in the assaying process less gold-bearing sulphide material derives to the actual analytical portion from larger samples. The considerable spread in gold values reported in re-runs on sample 8469 supports this view, with the assay portion reporting at 1,800 ppb Au in all probability containing an inordinate amount of auriferous pyrite.

It is noteworthy that the clast material in the quartz sericite schist in this location includes quartz, chert and siliceous sericitic rock. The latter clast type is quite similar to the mineralized siliceous sericitic metasediment of the 11W Trench area to the north, and this presents interesting implications in respect to sedimentation processes active in the rim area of the Kashaweogama Basin at an early stage in its formation.

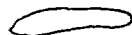
Of particular importance, however, is the fact that the 34+00W, 12+00N location lies within an area indicated as strongly anomalous in gold by soil sampling during the 1987-88 Redaurum evaluation program. There is little doubt that the source of the anomalous gold content of the soils is bedrock in the immediate vicinity, and the condition is not due to the presence of transported soils as suggested at the time. It is also clear that magnetics are closely reflective of structure in the area, and should be considered carefully in geological interpretation. VLF-EM in this instance does not yield an identifiable response over this mineralized locus.

32+00W STRIPPING AREA: (Location 7, Figure 3)

During September, 1992, another area of mineralized quartz sericite schist was located on line 32+00W at 11+00N (1988 Grid). This was subsequently stripped and sampled as shown in Figure 9. An area approximately 20' x 15'



MAFIC VOLCANIC (POSS. EREATIC.)



32W

11+25N

STRIPPED AREAS

85°
12.90°



STRIPPED AREAS EXPOSE HIGHLY SHEARED
AND CRENULATED QUARTZ-SERICITE SCHIST.
ROCK IS DEEPLY WEATHERED AND RUSTY, EST.
TO HAVE SULPHIDE CONTENT OF 2%-10%.
SIMILAR TO EXPOSURE #6 ON LINE 34W.

11+00N

10+75N

Note: Shown as Area 7 on Location Plan (Figure 3)

PLAN OF 32W STRIPPING AREA (1988 GRID)

KASHAWEOGAMA PROPERTY

(Claim Pa 912318)

SCALE : 1 Inch = 10 feet

FIGURE 9

was opened exposing a rusty, deeply weathered, highly crenulated and schistose subcrop. As at 34+00W, 12+00N the general strike of schistosity is Az. 90° and the dip 85°N, but other shear systems are present.

Three samples of somewhat leached mineralized material were taken in this location, and the assay values reported may be listed as follows:

<u>Sample No.</u>	<u>Au ppb</u>
8471	182
8472	220
8473	317

The remarks made in respect to the 34+00W stripping area apply equally to this exposure, except that the deformation appears more intense. It is also noteworthy that a small area of probable outcrop was observed about 20 feet northwest of the stripped location. This is composed of massive mafic flow material, and is roughly coincident with a sinuous, narrow magnetic anomaly of about +600 gammas relative to the surrounding area. It thus appears probable that the configuration of this magnetic anomaly accurately traces fold structures in this vicinity.

CONCLUSIONS

The 1992 stripping and trenching program on the Kashaweogama property provided considerable information of value in the exploration of both the north and south shore areas. The more important findings may be summarized as follows:

- (1) In the 11W Trench location of the north property area (1990 Grid) east-west shear systems within mineralized siliceous sericitic metasediments are more prevalent than previously recognized. These systems are more strongly mineralized than the containing rocks, and often carry associated quartz veining with some tourmaline, fuchsite and/or reddish hematitic alteration.

- (2) Gold in the 11W Trench area occurs closely associated with pyrite, and it appears that higher concentrations of pyrite in this environment may contain gold in economically significant amounts. It is further apparent that a similar relationship exists between gold and pyrite in the south shore area (1988 Grid).
- (3) Work in the south shore area (1988 Grid) showed anomalous metal values in soils relate directly to mineralization in underlying bedrock, and that magnetics may be used to trace geological structure. In the latter regard intense folding is indicated as present in the area.
- (4) Conglomeratic quartz sericite schist and cherty amphibole schist in the the south shore area (1988 Grid) were shown to contain auriferous sulphide mineralization to moderate levels. These rock units should be very carefully examined for concentrations of mineralization in areas of intense structural deformation.

1992 stripping and trenching operations in conjunction with geological examination in the south shore area (1988 Grid) showed earlier mapping to be both inadequate and misleading. It is in fact a highly promising exploration area for gold deposits, and a complete review of the available data should be carried out.

Respectfully Submitted,


G.M. Hogg, P.Eng.



APPENDIX I

APPENDIX I

Listing Of Some Sources Of Information On the Kashaweogama Area

- | | |
|-------------------------|---|
| Bond, W.D. | - Houghton Lake-Hough Lake, Thunder Bay District; O.G.S. Geological Map 2424, 1980. |
| Fernberg, P.A. | - Geological and Geochemical Survey of the Kashaweogama Property, 1987. Report to Redaurum Red Lake Mines Ltd., April 28, 1988. |
| GML Minerals Consulting | - Geology, Geochemistry, Geophysics in the Kash Grid Areas, for Stargazer Resources Ltd. Misc. records and reports in Assessment Files of the Ministry of Mines & Northern Development, 1980-83. |
| Moore, E.S. | - Savant Lake Gold Area, Thunder Bay District. O.D.M. Map 37J, 1928. |
| Sanborne-Barrie, M. | - Miscellaneous Field Records, O.G.S. Mapping Records, 1990. |
| TexchTerrex Ltd. | - Geophysical Survey Of The Kashaweogama Property, 1987-88. For Redaurum Red Lake Mines Ltd., April 30, 1988. |
| Trowell, N.F. | - Precambrian Geology of the Savant Lake Area. O.G.S. Preliminary Map P.3099, 1988.
- Aeromagnetic Map of the Kashaweogama Lake Area. (Ontario Dept. of Lands & Forests) Geophysical Map 1119G.
- Airborne Electromagnetic and Magnetic Survey of the Sturgeon lake-Savant Lake Area. O.G.S., 1990. |

Report of Work Conducted After Recording Claim

Transaction Number
W9230-0045

Mining Act



52J07NW9183 63.6056 ARMIT LAKE

900

Personal information collected on this form is obtained under the authority of the Minin this collection should be directed to the Provincial Manager, Mining Lands, Ministry Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) RAYMOND G. RAMSAY		Client No. 185660
Address 10 COOK STREET, BARRIE, ONT. L4M 4E9		Telephone No. 705-726-8722
Mining Division PATRICIA	Township/Area ARMIT LAKE AREA, GREBE LAKE & MCCUBBIN TWP.	M or G Plan No. G-1933, G 2053
Dates Work Performed	From: JUNE 15, 1992	To: SEPTEMBER 23, 1992

Work Performed (Check One Work Group Only)

Work Group	Type
<input type="checkbox"/> Geotechnical Survey	
<input checked="" type="checkbox"/> Physical Work, Including Drilling	PROSPECTING, STRIPPING, TRENCHING, PITTING
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

ONTARIO GEOLOGICAL SURVEY
 GIS-ASSESSMENT FILES
 NOV 09 1992
RECEIVED

RECORDED
 OCT 26 1992
 Receipt **JR**

Total Assessment Work Claimed on the Attached Statement of Costs \$ **11,242.00**

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
RAYMOND G. RAMSAY	10 COOK STREET, BARRIE, ONT L4M 4E9
GLEN M. HOGG (REPORT)	28 THOMPSON AVE, TORONTO, ONT M8Z 3T3
HARRY MAGGOTTE	SAVANT LAKE, ONT. POV 250
TONY NEECON	SAVANT LAKE, ONT. POV 250
LAURENCE BOUCHER	SAVANT LAKE, ONT. POV 250

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date OCT. 23/92	Recorded Holder or Agent (Signature) Raymond G Ramsay
--	---------------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying R.G. RAMSAY, 10 COOK STREET, BARRIE, ONT. L4M 4E9		
Telephone No. 705-726-8722	Date OCTOBER 23, 1992	Certified By (Signature) Raymond G Ramsay

For Office Use Only

Total Value Cr. Recorded # 11,242	Date Recorded OCTOBER 26/92	Mining Recorder [Signature]	Received Stamp RECEIVED OCT 26 1992 PATRICIA MINING DIVISION
	Deemed Approval Date JANUARY 26/92	Date Approved JANUARY 26/93	
	Date Notice for Amendments Sent		

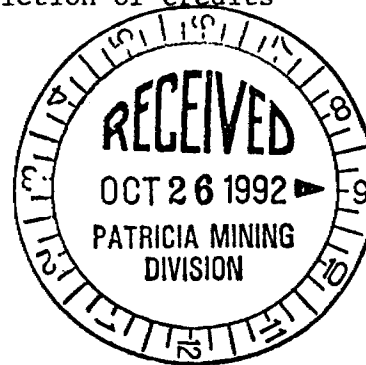
SCHEDULE "A"

APPLIED

<u>Claim No.</u>	<u>Requested Work</u>	<u>Assignment</u>
Pa 897996.....	\$	304
Pa 897997.....	\$	523
Pa 897998.....	\$	523
Pa 898000 *	\$	1,200
<hr/>		
Pa 912303.....	\$	137
Pa 912304.....	\$	124
Pa 912305.....	\$	137
Pa 912306.....	\$	137
Pa 912307.....	\$	125
Pa 912308.....	\$	139
Pa 912309.....	\$	126
Pa 912310.....	\$	126
Pa 912311 *	\$	560
Pa 912312 *	\$	547
Pa 912313 *	\$	622
Pa 912314.....	\$	126
Pa 912315.....	\$	126
Pa 912316 *	\$	947
Pa 912317 *	\$	947
Pa 912320.....	\$	99
Pa 912321.....	\$	125
Pa 912322 *	\$	947
Pa 912323 *	\$	947
Pa 912325.....	\$	98
<hr/>		
Pa 1091235.....	\$	400
Pa 1091236.....	\$	400
Pa 1091237.....	\$	400
<hr/>		
Total Assignment	\$	10,892

APPLIED

* - These claims to be prioritized if deletion of credits is necessary.



W9230-
0045
Page 29



Ontario

Statement of Costs
for Assessment Credit

État des coûts aux fins
du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W 9230 - 0045

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour 34 days x 75 Main-d'oeuvre	\$ 2,550	
	Field Supervision Supervision sur le terrain	\$ 3,300	\$ 5,850
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type Report, Capitalize	\$ 455	
			\$ 455
Supplies Used Fournitures utilisées	Type CAMA SUPPLIES (Gas, oil, Food etc.)	\$ 1,036	
	EXPLOSIVES, DRILL BITS etc.	\$ 927	
			\$ 1,963
Equipment Rental Location de matériel	Type Boat, Motor, Puffer		
	Chain Saw. 22 days @ 50	\$ 1,100	
			\$ 1,100
Total Direct Costs Total des coûts directs		\$ 9,368	

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type Pickup Truck Mileage, Barrie to Sawant Lake return 2 TRIPS.		
	6540 km @ 0.30 per km.	\$ 1,962	
			\$ 1,962
Food and Lodging Nourriture et hébergement		\$ 540	\$ 540
Mobilization and Demobilization Mobilisation et démobilisation			-
Sub Total of Indirect Costs Total partiel des coûts indirects			\$ 2,502
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			\$ 1,874
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			\$ 11,242
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
	× 0,50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Raymond G. Ramsay I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

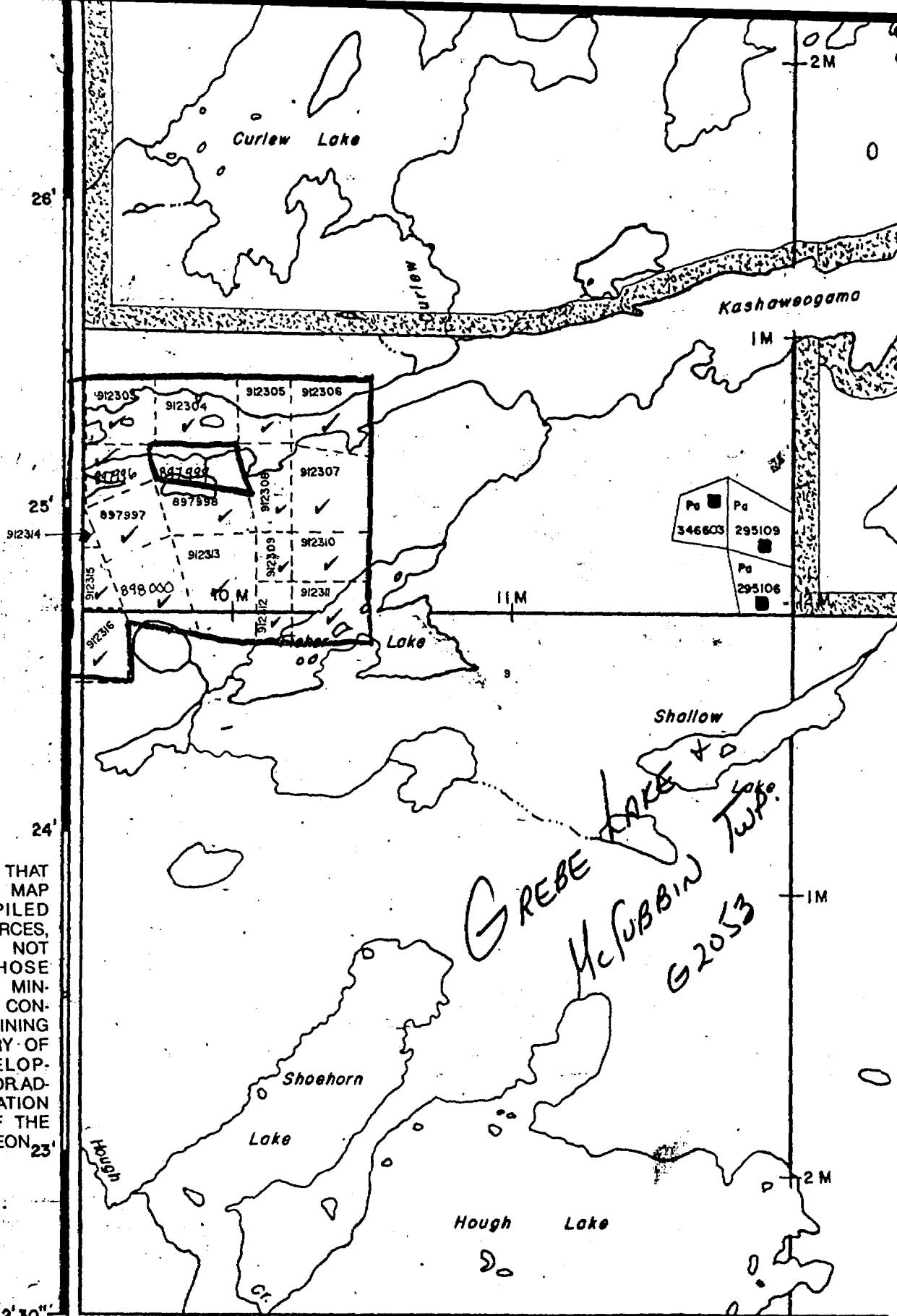
J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature <u>Raymond G. Ramsay</u>	Date Oct 23, 1992
---------------------------------------	----------------------

ARMIT LAKES



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.

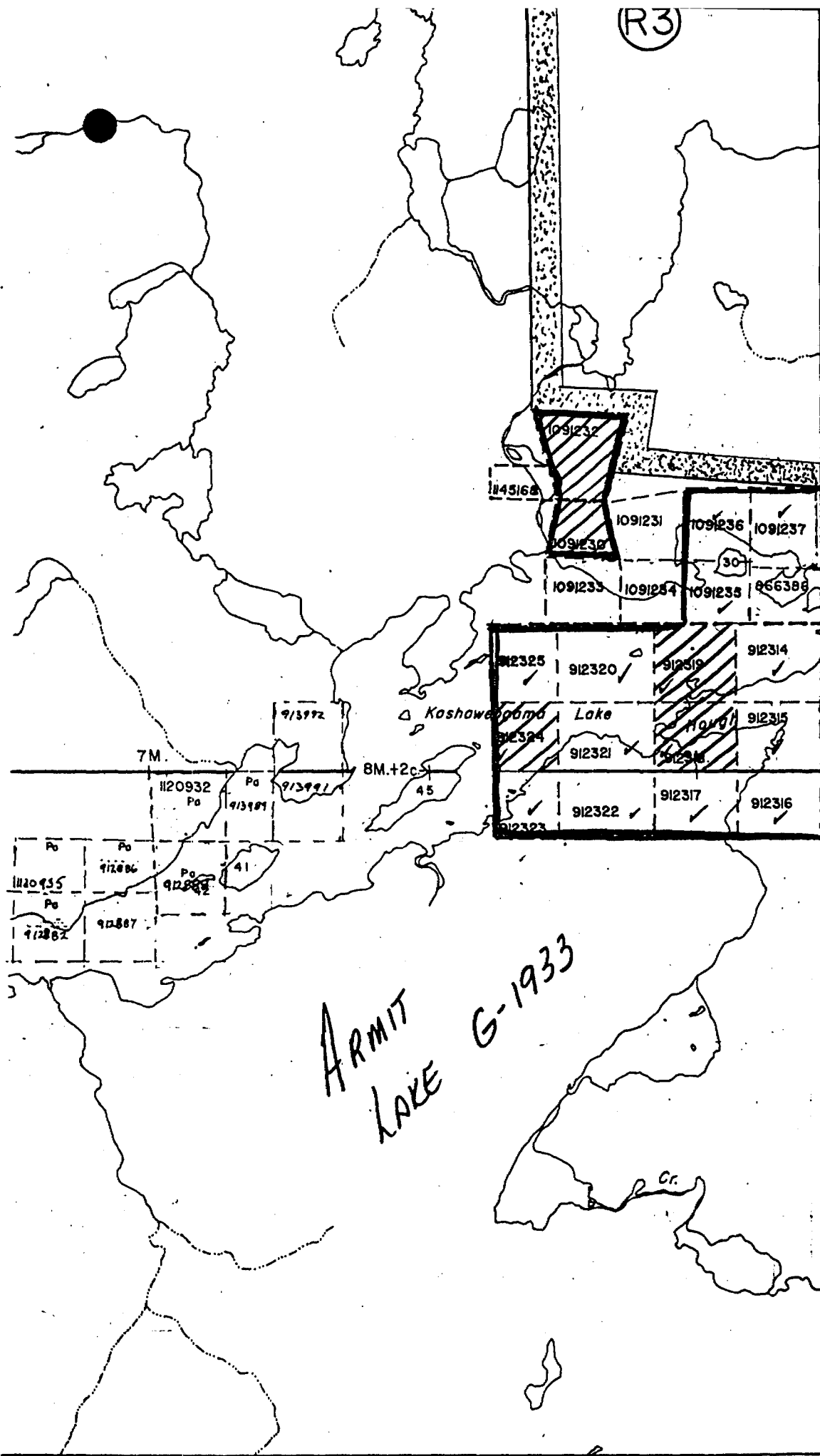
50°22'30"

90°45'

44'

43'

42'



FOREST ACTIVITY INFORMATION

THIS TOWNSHIP AREA FALLS WITHIN THE

CARIBOU WEST FOREST MGT. UNIT

AND MAY BE SUBJECT TO FORESTRY OPERATIONS.
THE M.N.R. UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:

P.O. BOX 309
SIOUX LOOKOUT, ONTARIO P0V 2T0
(807) 737-1140

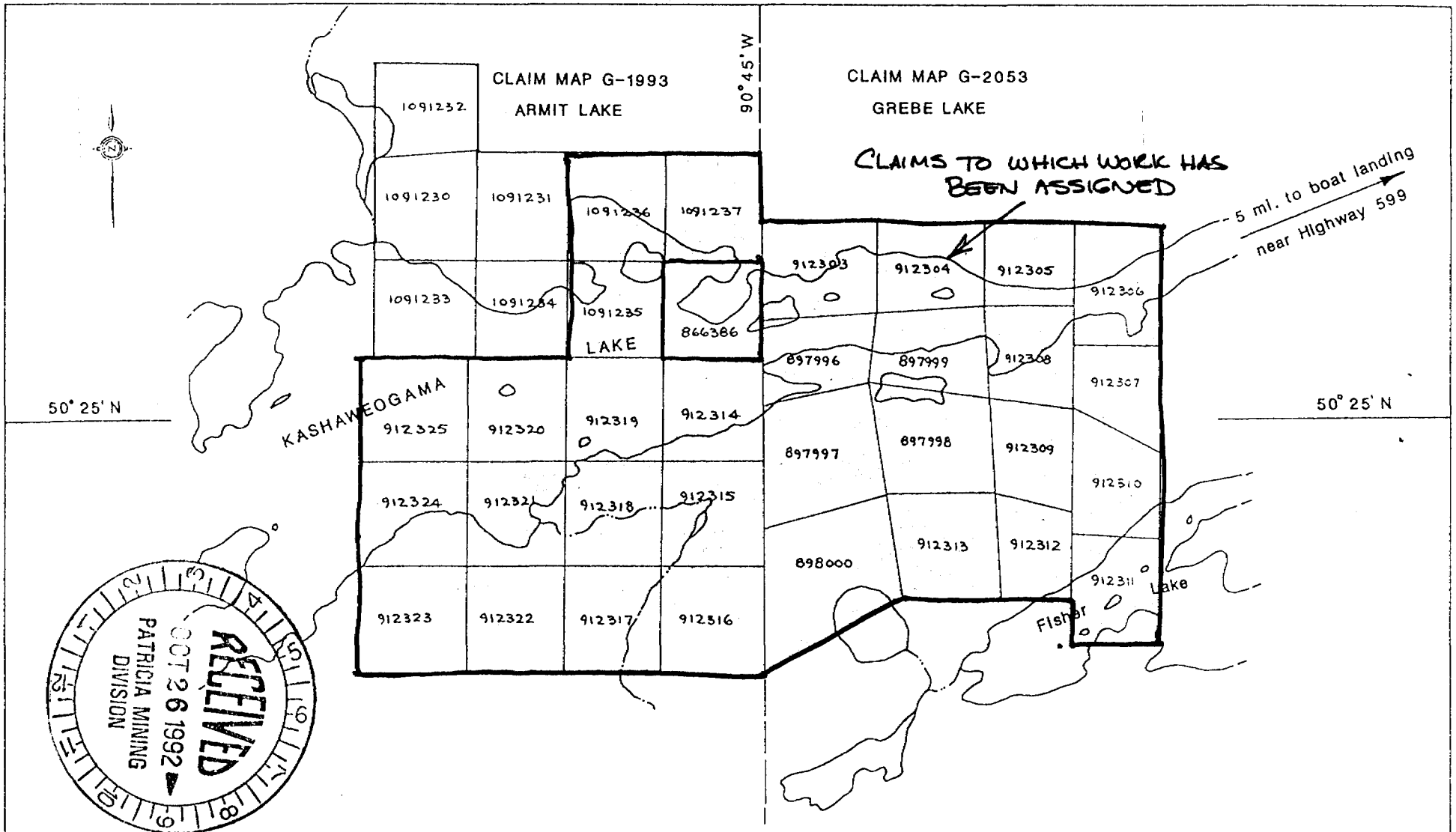
GREBE LAKE AREA - G-2053

27'
26'
25'

49' 48' 47' 46''

50°22'30"

(23)



CLAIM LOCATION PLAN OF THE KASHAWEOGAMA PROPERTY
SHOWING CLAIMS TO WHICH WORK HAS BEEN ASSIGNED

SCALE : 1 Inch = 2,000 feet

G. M. HOGG & ASSOCIATES LTD.

28 THOMPSON AVENUE,
TORONTO, CANADA M8Z 3T3

TELEPHONE:
(416) 233-3255

INVOICE

October 23, 1992

Mr. R.G. Ramsay,
10 Cook Street,
Barrie, Ontario
L4M 4E9

STATEMENT OF ACCOUNT

RE: Preparation of Trenching & Stripping Report, Kashaweogama Property, 1992

Professional Fees:

Report Preparation (Oct. 19-22/92), 4 days @ \$ 100/day....\$ 400.00

Disbursements:

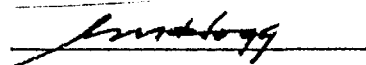
Printing, Xerox Copies, Supplies.....\$ 25.00

Subtotal.....\$ 425.00

G.S.T. @ 7%..... 29.75

Total.....\$ 454.75

Respectfully Submitted,


G.M. Hogg, P.Eng.



G.S.T. Reg. No. R-102126554