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REPORT

on a

GEOCHEMICAL SURVEY

of the 6 Annie Kenty claims of

SWAYZE RESOURCES LIMITED

IN DORE TOWNSHIP

PORCUPINE MINING DIVISION

NORTHEASTERN ONTARIO

By

Albert Hopkins  
Consulting Mining Geologist

*RECEIVED  
MAY 1 1980  
MINING LANDS SEC.*

INTRODUCTION:

Late in March 1982 the Ontario geological survey released a set of aerial geophysical maps covering all or parts of some 40 townships of the Swayze-Horwood gold belt. These aerial "Total Field Magnetometer" and Electro-Magnetic survey maps depict many "Mag." and E.M." anomalies. One of the most prominent of them is a series of up to 3 parallel E.M. conductors trending E.S.E. near the S. boundary of Rollo and the N. boundary of Swayze township into the N.W. part of Doré township.

About 2 years prior to the release of these aerial survey maps to the public the "Reichel Prospecting Syndicate" had acquired some 21 mining claims adjoining the former Kenty gold mine, including these 6 "Annie Kenty" claims in Dore township. When the writer studied these new aerial data early in April 1982, he notified the Reichel Syndicate that important-looking anomalies passed through its Annie Kenty property, and that the property should now be explored. He recommended that a grid of Picket Lines be cut across the property, to be followed by geochemical and geological surveys. Swayze Resources Limited was formed in 1983 to take over this (and other) property, and to perform this preliminary exploration work.

PROPERTY:

The Annie Kenty property consists of 6 contiguous mining claims, numbered P. 575247 - 252 inclusive, comprising an area of approximately 240 acres (162 hectares). These claims are now held under Prospector's license No. T. 1641 of Swayze Resources Limited. They were recorded on 6 June 1980, and today have 120 man-days assessment work recorded on them. Thus they will require another 20 man-days work to be performed and recorded on them before 6 June 1984. This present "geochem." survey should qualify for such 20 days work per claim.

LOCATION:

This property lies in the N.W. corner of Doré township, in the "Swayze-Horwood gold belt", Porcupine Mining Division, N.E. Ontario. This is 72 airmiles (116 km.) W.S.W. of Timmins; 28

LOCATION: Continued

airmiles (45 km.) S. of Foleyet; 35 airmiles (56 km.) due E. of Chapleau; and 44 airmiles (71 km.) W.N.W. of Gogama, Ontario.

This property is immediately E. of the former Kenty gold mine in Swayze township, where drilling and shaft dewatering are planned to commence this month by Heron Resources Limited. The Annie Kenty property is 9 airmiles (14.5 km.) W.S.W. of Sulpetro's Rundle gold mine (which is presently being diamond drilled); 16 airmiles (26 km.) S.W. of Orofino gold mine, and 24 airmiles (39 km.) N.W. of another former producer, Jerome gold mine, on Lake Opeepeesway.

ACCESS:

At present the Annie Kenty property may be reached by driving from a road junction on Highway 101 that is 4 miles W.S.W. of Foleyet, south 40 miles (64 km.) on a gravel road through Ivanhoe Lake provincial park to the No. 2 or N.E. shaft of the former Kenty gold mine. From here one must proceed on foot East about half a mile to this Doré township property.

An agreement has recently been signed among the Ontario government, McChesney Lumber division of E.B. Eddy Forest Products of Ottawa and Espanola, and Mallette Lumber division of Waferboard Corporation Limited of Timmins, whereby a major new N-S road will be built to open up timber reserves. It will start on Highway 101 about 4 miles E. of Foleyet in Muskego township, and will trend S. through Keith, Silk, Whigham, Coppell, and S.E. corner of Rollo, and on S. through Swayze, Doré and Garnet townships. It will continue S., connecting Ramsey on the C.P.R. with Lac aux Sables and Espanola. This road will be built to Ontario highway specifications, with a 100' right-of-way, a 33' road-way, gentle grades, and 75 ton minimum load capacities. It will utilize existing roads where feasible, with many new sections.

Construction is planned to start in April 1984, and this road will eventually become a provincial N-S highway, parallelling Highway No. 144 (between Timmins and Sudbury). Thus the Swayze Resources Limited property will be most accessible before long, facilitating exploration and possible mining.

GENERAL GEOLOGY:

The property lies in the E-W trending Swayze greenstone belt, which is about 28 mi. (45 km.) long and 18 mi. (29 km.) wide. The rocks are all Precambrian in age, and are steeply-dipping in fold structures, whose axes trend in a sinuous E-W path across the area. The Keewatin rocks include rhyolite, trachyte, dacite, andesite, pillow lava and basalt, as well as tuffs, agglomerates and breccias. The Timiskaming sediments as well as the metavolcanics are intruded by many quartz and felspar porphyries, not unlike the Kirkland Lake geology.

TABLE OF FORMATIONS

Recent: Stream and Swamp deposits

Pleistocene: Glacial Tills

Unconformity

## Precambrian

- (4) Intermediate to Mafic Metavolcanic rocks
  - a) Massive basalt
  - c) Intermediate tuff
  - d) Mafic tuff
  - e) Andesite
- (3) Banded Iron Formation
- (2) Metasedimentary rocks
  - a) Chert
- (1) Felsic Metavolcanic rocks
  - a) Massive
  - b) Tuff
  - c) Breccia
  - e) Quartz-Feldspar Porphyry

LOCAL GEOLOGY:

Outcrop is quite sparse in the grid area, about 10-15% exposure. Three main lithologies were noted which could be stratigraphically sub-divided - Felsic volcanic (1), Mafic volcanic (4a, c, d) and Andesite (4e).

The geological succession is summarized in the Table of Formations.

LOCAL GEOLOGY: ContinuedIntermediate to Mafic Metavolcanic Rocks:

This is the main lithologic unit of the area and was sub-divided primarily into basalt and andesite due to the ease of distinguishing the two in the field. It was also observed in the field that the andesite usually occur as a transition phase between the rhyolites and basalts and therefore appears to be a useful stratigraphic indicator.

The basalts are found primarily in east-west striking units. They occupy the northwest and central sections of the property. Most common is the massive phase which is chloritic, medium-grained and very commonly magnetic. Structures of any type are rare with an east-west schistosity being occasionally observed. The rock is magnetic throughout the project area, usually due to magnetite, with pyrrhotite being observed occasionally.

The andesite is siliceous, light green in colour and fine-to medium-grained. They are usually found in close proximity to the felsic volcanics. At the east portion of the property the gold-bearing quartz veins are hosted by andesite. The andesite is commonly carbonatized with slight pyrite.

Felsic Metavolcanic Rocks:

The main band of felsic volcanic rocks is through the southwest portion of the property. They are also found through the central and northeast sections of the property. These rocks exhibit a wide range of textures from fine grained to porphyritic and massive to pyroclastic. The rock is commonly a white to buff coloured, fine-grained, rhyolite.

Most commonly observed on the property is the pyroclastic texture, either as a tuff or a breccia. The breccia contained fragments from  $\frac{1}{4}$  to 3 inches in diameter, usually felsic fragments within a felsic matrix. The felsic volcanic is commonly carbonatized, often ankeritic, with minor pyrite. In the west-central section of the property it commonly hosts quartz-carbonate veins which assay low to anomalous gold.

ECONOMIC GEOLOGY:

Gold in economic quantities and values has been discovered, developed, and mined in the Swayze-Horwood belt (which is a possible W.S.W. extension of the Porcupine gold belt), albeit to a very small extent to date. The former Kenty and the Orefino gold mines produced gold from very small tonnages of rich gold ore, while the former Jerome gold mine produced gold from much larger tonnages of low-grade gold ore.

The Annie Kenty property is reported by the O.D.M. and O.G.S. to have at least 8 gold occurrences, located before World War II by Cyril Knight Prospecting Co. et al. The recent geological survey by geologist Ken Guy reported four mineralized siliceous or quartz outcrop areas, with gold assays up to 0.14 oz. Au per ton, and one old drill hole casing pipe, with old drill core scattered on the ground. These have been plotted on the attached geochem. map, in order to correlate them with any geochem. anomalies.

This writer also did two mini-geochem. surveys over the known vein systems of the 2-550' vertical shafts of the former Kenty gold mine, immediately W. of the Annie Kenty property, in Swayze township, using the same P.L. Grid. These are included on the attached geochem. map, (scale 1:2000) to show their juxtaposition vis-a-vis the Annie Kenty gold showing and geochem. anomalies.

In a personal communication to the writer last year, veteran prospector Norbert Millar of Bridgenorth, Ontario advised that he came upon Jack and Jay Kenty whilst they were staking the "Kenty find" (that started the Swayze gold rush) in 1931. Millar says that he saw a quartz vein outcrop on or near the East boundary of the Kenty claims (which would be on the Swayze-Doré township boundary or Annie Kenty's W. boundary), or between the two. This could easily be at or near Ken Guy's quartz vein outcrop at (330<sup>m</sup> N., 85<sup>m</sup> E.).

J. F. Donovan in his geological Report No. 33 on "geology of Swayze and Doré townships" for the Ontario Department Mines in 1965 says:

ECONOMIC GEOLOGY: Continued"Annie Kenty (former Miner Kenty)"

"This property is adjacent to the Kenty Gold Mines property in Swayze township. The following is from Rickaby (1934, p. 26):

...Eight veins had been uncovered by trenching and stripping, mostly in the greenstone. The veins are all small, not over 100 feet long, with maximum widths of 2 feet. Approximately 1,000 feet of diamond-drilling was done on the property in the winter of 1931-32. Gold values in the veins were reported to be low."

"Kenty Gold Mines, Ltd. was further described in considerable detail by Rickaby (1934, p. 21-25):

"The Kenty veins belong to the lode type of deposits, consisting of a series of parallel veins, each having a main quartz leader with subsidiary parallel veinlets and altered country rock intervening. The average strike of the veins is approximately N. 60° E., and they dip to the southeast at angles varying from 40 to 80 degrees. The veins occur in fractures in the country rock with practically no schistening. The average width of vein material is from 4 to 5 feet, with a maximum of 10 feet. The wallrocks show considerable replacement by carbonates, chiefly ankerite and pyrite. The quartz contains some pyrite and tourmaline; other gangue minerals noted are calcite, galena, specularite, graphite, chalcopyrite, and a little feldspar. Coarse native gold is visible in fractures in the main quartz or in the narrow quartz veinlets. Almost every vein shows some visible gold, and in places on the surface it is present in spectacular amount, ....A series of post-mineral faults intersect the veins, causing displacements from a few feet up to 350 feet or more. Vein No. 1, for example, in a length of 200 feet has three parallel faults striking N. 10° W., with a maximum displacement of 30 feet. At the east end of the surface showing it has been faulted to the northwest and has been recently picked up by cross-cutting, proving a displacement of 360 feet. This condition of faulting adds somewhat to the problem of following the veins underground....."

PICKET LINE GRID:

The E-W Base Line of Heron Resources Limited in Swayze township was extended E. 840<sup>m</sup> into Doré township to the E. boundary of the Annie Kenty property. 7 picket lines ("P.L.'s") parallelling the N-S Swayze-Doré township line were cut normal to the B.L., i.e. N-S Picket Lines 120<sup>m</sup> E., 240<sup>m</sup> E., 360<sup>m</sup> E., 480<sup>m</sup> E., 600<sup>m</sup> E., 720<sup>m</sup> E. and 840<sup>m</sup> E. These P.L.'s total about 7,600<sup>m</sup>, so the whole grid totals about 8,440<sup>m</sup>, covering the 6 claim property, which is, in effect, an eastern extension of Heron Resources (Kenty gold mine) grid.

GEOCHEMICAL PROSPECTING FOR GOLD:

Geochemical techniques are becoming of increasing importance in prospecting for gold deposits in Ontario.

Any review of the role of geochemistry in prospecting for gold in Ontario must include three aspects of the problem which may be overlooked in some of the other exploration techniques. These are the geochemistry of gold itself, the relationship between glacial overburden and geochemical prospecting for gold, and the problem of sampling rocks, soils and related materials for their gold content.

Gold is a member of Group 1B of the periodic table, which includes copper, silver and gold. In its chemical reactions gold resembles silver in some respects, but its chemical character is markedly more noble. The principal oxidation states of gold are Au (I)(aurous) and Au (III)(auric). These states are unknown as aquo-ions in solution, the element being present mainly in complexes of the type  $[Au(CN)_2]^-$ ,  $[AuCl_2]^-$ ,  $[Au(OH)_4]^-$ , and  $[AuCl_4]^-$ . There is only one naturally occurring isotope of gold:  $^{197}Au$ .

The average gold content of soils (the Back Ground or B.G.) is 5 ppb. or 0.005 ppm., and the average for natural fresh waters is 0.00003 ppm. Sea and ocean waters contain an average of 0.000012 ppm. Au. Gold is a trace constituent of many plants and animals. Some coals are slightly enriched in gold with 0.05 to 0.1 ppm. Au in the ash.

OUR SWAYZE GEOCHEMICAL SURVEY PROCEDURE:

The writer and his assistants collected about 550 humus or "A Horizon" soil samples at 15<sup>m</sup> intervals over these picket lines, pacing in between the 30<sup>m</sup> pickets for the intermediate stations. These soil samples were bagged, labelled as to grid co-ordinate stations, and delivered to Toronto labs. for analysis for Au and Ag.

Samples from Picket Lines 120E. and 240 were analysed by X-Ray Assay Labs. Limited of Don Mills, Toronto, the golds by Nuclear Activation, in parts per billion ("ppb.") with a detection limit of 1.00 ppb. The silvers were processed by the "D.C.P." method, in parts per million ("ppm."), with a detection limit of 0.500 ppm. The remaining picket line samples were analysed by Assayers (Ontario) Limited of Islington, Toronto, by their wet chemical method. The golds were reported in ppb. and the silvers in ppm.

After studying the assay patterns, and with knowledge of similar survey results on adjoining and nearby properties, the writer arbitrarily chose the following assays as "Back Grounds" ("B.G.):-

Au 5ppb.

Ag 0.1 ppm.

The analyses were plotted thus Au-Ag in XBG. These readings were contoured for gold only, in steps of 5 XBG., i.e. from

0 - 5 XBG.

5 - 10 XBG. and

over 10 XBG.

DISCUSSION OF THE RESULTS:

The geochem. Au readings and number and strength of anomalies on the Annie Kenty property were disappointingly low. There are 11 anomalies of more than 5 XBG., with only 2 of 10 XBG., and most of them are small in size. None of these Annie Kenty geochem. anomalies coincide exactly with Ken Guy's 4 siliceous gold-assaying outcrops. However, there is a crude alignment or relationship to the anomalies and outcrops on 2 claims No. P. 575249 - 250.

## DISCUSSION OF THE RESULTS: Continued

Unlike this apparent paradox, the mini-geochem. surveys of the 2 old Kenty gold mine shaft areas show excellent high anom. in the vicinity of the known, exposed auriferous quartz veins.

But, as Rickaby comments above (under Economic geology) "a series of post-mineral faults intersect the veins, causing displacements from a few feet up to 350 feet or more. This condition of faulting adds somewhat to the problem of following the veins underground."

Therefore at the moment the writer cannot say whether the Kenty Shaft No. 1 vein system is a faulted extension of the Kenty Shaft No. 2 vein system, or if they are parallel vein systems. Likewise, do they continue on E. to the Annie Kenty known quartz veins and geochem. anomalies, or are they discontinuous, en echelon, or parallel mineralized zones.

## CONCLUSIONS:

It must be admitted that gold occurs on and west of the Annie Kenty property, the geochem. anomalies suggest more gold deposits, and Donovan mentions 8 auriferous quartz outcrops found and 1,000' of drilling performed, over 50 years ago. Therefore at today's gold price, economic gold deposits are possible on this property, and more exploration work is definitely warranted.

## RECOMMENDATIONS:

It is recommended by the writer that:-

1. An Induced Polarization ("I.P.") geophysical survey be performed on this property as soon as possible.

Estimated approximate cost = \$6,000.00

2. This coming summer, when bulldozers are in the vicinity working on the new major haulage road mentioned above, that all zones of known gold occurrences, and geochem. anomalies where shallow overburden permits on this Annie Kenty property, be stripped extensively by bulldozer and/or trenched by backhoe, to allow surface mapping and sampling of auriferous zones.

Estimated approximate cost = \$3,000.00

RECOMMENDATIONS: Continued

3. A prospector and geologist be engaged to seek, sample and map all possible existing auriferous outcrops and new bulldozed areas.

Estimated approximate cost = \$2,000.00

4. Depending on the above, a minimum of 2,000 feet of BQ. diamond drilling be performed to intersect promising gold zones.

Estimated approximate cost = \$60,000.00

All of which is respectfully submitted,

*Albert Hopkins*

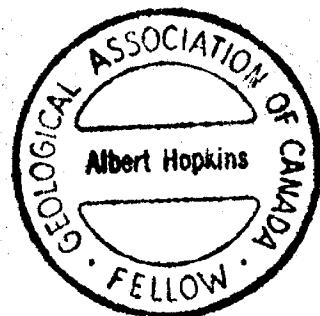
Timmins, Ontario.

Albert Hopkins, B.A.Sc., M.C.I.M., F.G.A.C.

Consulting Mining Geologist,

13 February 1984

An owner of 10% interest in this property.





# ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

COPY

## Certificate of Analysis

Certificate No. KR-03 / #2511

Date: October 20, 1983

Received 486 Samples of Humus - Swayze

Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
Line 0-0 660N	<5	.2	L0-0 960N A	<5	<.1
675N	6	.3	960N B	<5	<.1
690N	<5	.1	975N	<5	<.1
705N	<5	.9	990N	<5	<.1
720N	<5	.4	1004N	6	<.1
735N	<5	.3	L120W 660N	<5	<.1
750N	28	<.1	675N	<5	<.1
765N	<5	.4	690N	<5	<.1
780N	9	.1	705N	5	<.1
795N	No Sample		720N	7	<.1
810N	<5	<.1	735N	<5	<.1
825N	5	.1	750N	<5	<.1
840N	<5	.2	765N	<5	<.1
855N	12	.5	780N	7	<.1
870N	23	.2	795N	<5	<.1
885N	<5	.1	810N	5	<.1
900N	<5	.3	825N	<5	<.1
915N	<5	.2	840N	5	<.1
930N	<5	<.1	855N	<5	<.1
Line 0-0 945N	8	.2	L120W870N	<5	<.1

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Per

J. van Engelen  
J. van Engelen Mgr.



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33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-02 / #2511

Date: October 20, 1983

Received 486 Samples of Humus - Swayze

Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L120W 885N	5	<.1	L1320W 480N	22	<.1
900N	<5	<.1	495N	7	<.1
915N	5	<.1	510N	<5	<.1
930N	5	<.1	525N	5	<.1
945N	<5	<.1	540N	<5	<.1
960N	5	<.1	555N	<5	<.1
975N	5	<.1	570N	7	.5
990N	8	<.1	585N	<5	<.1
L120W 1005N	7	<.1	600N	14	<.1
L240W 623N	14	<.1	615N	6	<.1
645N	<5	<.1	630N	6	<.1
705N	6	<.1	645N	No Sample	
720N	<5	<.1	660N	5	<.1
735N	<5	<.1	675N	<5	<.1
750N	6	<.1	690N	No Sample	
765N	<5	<.1	705N	<5	<.1
780N	<5	<.1	720N	<5	<.1
795N	<5	<.1	735N	<5	<.1
810N	11	<.1	750N	<5	<.1
L240W 825N	<5	<.1	765N	<5	<.1
			L1320W 780N	29	<.1

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Per *J. van Engelen*  
J. van Engelen Mgr.



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33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-03 / 2511

Date: September 29, 1983

Received 486 Samples of Humus - Swayze  
Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L 1320W 795N	18	<.1	L1440W 525N	<5	<.1
810N	18	<.1	540N	<5	<.1
825N	13	<.1	555N	5	<.1
840N	8	<.1	570N	<5	<.1
855N	<5	<.1	585N	<5	<.1
870N	12	<.1	600N	9	<.1
885N	<5	<.1	615N	19	<.1
900N	10	<.1	630N	7	<.1
915N	7	<.1	645N	No Sample	
930N	<5	<.1	660N	21	<.1
945N	<5	<.1	675N	<5	<.1
960N	25	<.1	690N	10	<.1
975N	12	<.1	705N	<5	<.1
L1320W 985N	<5	<.1	720N	<5	<.1
L1440W 436N	12	<.1	735N	12	<.1
450N	8	<.1	750N	10	<.1
465N	12	<.1	765N	9	<.1
480N	6	<.1	780N	<5	<.1
495N	<5	<.1	795N	No Sample	
L1440W 510N	<5	<.1	L1440W 810N	<5	1.0

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J. van Engelen Mgr.



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## Certificate of Analysis

Certificate No. KR-03-04 / #2511

Date: September 29, 1983

Received 486 Samples of Humus - Swayze

Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L1440W 825N	<5	.3	L840E 285S	<5	<.1
840N	8	<.1	270S	8	<.1
855N	5	<.1	255S	<5	<.1
870N	16	<.1	240S	5	<.1
885N	5	<.1	225S	<5	.1
900N	<5	<.1	210S	12	.2
915N	<5	<.1	195S	7	.3
930N	<5	<.1	180S	<5	<.1
945N	8	<.1	165S	9	<.1
960N	<5	<.1	150S	<5	.2
L1440W 981N	<5	<.1	135S	<5	.1
L840E 427S	20	<.1	120S	<5	.1
405S	6	<.1	105S	16	.1
390S	<5	<.1	90S	14	.2
375S	5	<.1	75S	<5	.2
360S	20	<.1	60S	7	.3
345S	14	<.1	45S	9	.2
330S	6	<.1	30S	5	<.1
315S	11	<.1	15S	<5	.6
L840E 300S	<5	.2	L840E 00N	6	<.1

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J. van Engelen Mgr.



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Certificate No. KR-03-05 / #2511

Date: September 29, 1983

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Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L840E 15N	<5	.4	L720E 285S	<5	<.1
30N	5	.1	270	<5	<.1
45N	16	<.1	255	<5	<.1
60N	<5	<.1	240	<5	<.1
75N	<5	.1	225	10	<.1
90N	5	.1	210	<5	<.1
105N	5	<.1	195	<5	<.1
120N	<5	<.1	180	<5	<.1
135N	10	.3	165	<5	<.1
150N	<5	<.1	150	<5	<.1
165N	<5	.4	135	<5	<.1
180N	6	.3	105	<5	<.1
195N	9	.1	90	<5	<.1
L840E 205N	<5	.3	75	16	<.1
L720E 371S	5	<.1	60	<5	<.1
360S	11	<.1	45	<5	<.1
345S	13	.2	30	<5	<.1
330S	9	.4	15	5	<.1
315S	<5	.2	00N	<5	<.1
L720E 300S	6	.3	L720E 15N	<5	<.1

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Per

J. van Engelen Mgr.



# ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-06 / #2511

Date: September 29, 1983

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Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L720E 30N	<5	<.1	L720E 330N	<5	<.1
45N	<5	<.1	345N	<5	<.1
60N	<5	<.1	360N	<5	1.5
75N	<5	<.1	375N	<5	<.1
90N	<5	<.1	390N	5	<.1
105N	<5	<.1	405N	<5	<.1
120N	<5	<.1	420N	<5	<.1
135N	<5	<.1	435N	<5	<.1
150N	<5	<.1	450N	<5	<.1
165N	<5	<.1	465N	<5	<.1
180N	6	<.1	480N	<5	<.1
195N	5	<.1	495N	<5	<.1
210N	<5	<.1	525N	<5	<.1
225N	<5	<.1	540N	<5	<.1
240N	<5	<.1	555N	<5	<.1
255N	<5	<.1	570N	<5	<.1
270N	<5	<.1	585N	<5	<.1
285N	<5	<.1	600N	<5	<.1
300N	12	<.1	615N	<5	<.1
L720E 315N	<5	<.1	L720E 630N	<5	<.1

ASSAYERS (ONTARIO) LIMITED

Per -

J. van Engelen Mgr.



# ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-071 #2511

Date: October 6, 1983

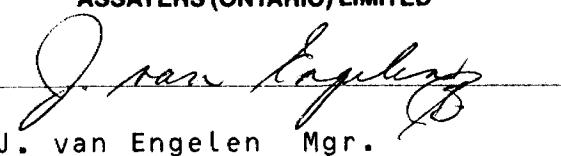
Received 486 Samples of Humus - Swayze

Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L720E 653N	<5	<.1	L600E 60S	<5	.1
L600E 348S	17	<.1	45S	<5	<.1
330S	10	<.1	30S	28	<.1
315S	9	<.1	15S	28	.1
300S	15	<.1	00N	No Sample	
285S	5	<.1	15N	20	<.1
270S	<5	<.1	30N	9	<.1
255S	13	<.1	45N	10	.1
240S	<5	<.1	60N	<5	.1
225S	6	<.1	75N	<5	.1
210S	<5	<.1	90N	<5	.1
195S	16	<.1	105N	22	.2
180S	10	<.1	120N	15	.1
165S	<5	<.1	135N	8	.2
150S	5	<.1	150N	26	.3
135S	5	<.1	165N	21	.2
120S	<5	<.1	180N	27	.1
105S	11	<.1	195N	28	.1
90S	9	<.1	210N	27	.1
L600E 75S	11	<.1	L600E 225N	41	.1

ASSAYERS (ONTARIO) LIMITED

Per

  
J. van Engelen Mgr.



# ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-08 / #2511

Date: October 6, 1983

Received 486 Samples of Humus - Swayze

Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L600E 240N	9	.3	L600E 540N	22	<.1
255N	<5	.2	555N	5	<.1
270N	8	.3	570N	7	<.1
285N	<5	<.1	585N	9	<.1
300N	<5	.2	600N	8	<.1
315N	<5	.2	615N	15	<.1
330N	50	<.1	630N	<5	<.1
345N	<5	<.1	645N	<5	<.1
360N	<5	.2	660N	19	<.1
375N	<5	.1	675N	22	<.1
390N	<5	.1	690N	<5	<.1
405N	10	.2	705N	<5	<.1
420N	12	.1	720N	<5	<.1
435N	<5	.1	735N	<5	<.1
450N	<5	<.1	750N	16	<.1
465N	<5	<.1	765N	14	<.1
480N	<5	.1	780N	<5	<.1
495N	<5	<.1	795N	9	<.1
510N	5	.1	810N	<5	<.1
L600E 525N	13	<.1	L600E 822N	16	<.1

ASSAYERS (ONTARIO) LIMITED

Per

J. van Engelen Mgr.



# ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-09 / #2511

Date: October 14, 1983

Received 486 Samples of Humus - Swayze  
Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L600E 840N	5	<.1	L480E 60S	35	<.1
L480E 351S	<5	<.1	45S	7	.7
345S	14	<.1	30S	34	<.1
330S	9	<.1	15S	15	.2
315S	5	<.1	00N	<5	.1
300S	<5	<.1	15N	<5	<.1
285S	8	<.1	30N	11	.2
270S	8	<.1	45N	14	.6
255S	10	<.1	60N	<5	.3
240S	9	<.1	75N	11	.2
225S	11	<.1	90N	<5	1.0
210S	<5	<.1	105N	13	.2
195S	<5	<.1	120N	<5	.5
180S	6	<.1	150N	7	.3
165S	<5	<.1	165N	<5	<.1
150S	<5	<.1	180N	13	<.1
135S	13	<.1	195N	12	<.1
120S	<5	<.1	210N	6	<.1
105S	<5	<.1	240N	<5	<.1
L480E 75S	8	<.1	L480E 255N	21	<.1

ASSAYERS (ONTARIO) LIMITED

Per *J. van Engelen B.*  
J. van Engelen Mgr.



# ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-10 / #2511

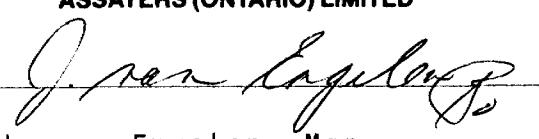
Date: October 20, 1985

Received 486 Samples of Humus - Swayze

Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L480E 270N	<5	.3	L480E 585N	5	.1
285N	5	<.1	600	6	<.1
300N	<5	<.1	615	<5	1.1
315N	9	.2	630	16	.6
330N	16	.2	645	11	<.1
360N	5	.1	660	7	<.1
375N	<5	<.1	675	9	.9
390N	<5	<.1	690	7	<.1
405N	<5	<.1	705	5	<.1
420N	<5	.2	720	<5	<.1
435N	<5	.3	735	<5	.9
450N	<5	.5	750	<5	.2
465N	<5	.4	765	<5	.3
480N	<5	.1	780	<5	.4
495N	<5	.5	795	<5	.1
510N	5	.2	810	<5	.4
525N	<5	.4	825	5	.7
540N	<5	.4	840	5	.5
555N	<5	.3	855	No Sample	
L480E 570N	<5	.4	L480E 864	6	.6

ASSAYERS (ONTARIO) LIMITED

Per   
J. van Engelen Mgr.



# ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-11 / #2511

Date: October 20, 1983

Received 486 Samples of Humus - Swayze

Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L360E 450S	<5	.4	L360E 150S	<5	.4
435S	<5	.2	135S	<5	.1
420S	<5	<.1	120S	<5	.2
405S	<5	<.1	105S	<5	<.1
390S	9	.4	90S	<5	.2
375S	5	.4	75S	8	.2
360S	<5	.1	60S	<5	.1
345S	<5	.3	45S	<5	<.1
330S	7	<.1	30S	<5	.1
315S	<5	<.1	15S	6	<.1
300S	7	.1	00N	<5	<.1
285S	6	.3	15N	<5	<.1
270S	<5	.1	30N	8	.3
255S	<5	.2	45N	15	.2
240S	<5	.1	60N	<5	.3
225S	33	<.1	75N	8	<.1
200S	5	.3	90N	10	<.1
195S	5	.1	105N	<5	.2
180S	7	<.1	120N	<5	<.1
L360E 165S	10	.1	L360E 135N	<5	<.1
			150N	5	<.1
			L360E 165N	<5	<.1

ASSAYERS (ONTARIO) LIMITED

Per

  
J. van Engelen Mgr.



# ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

## Certificate of Analysis

Certificate No. KR-03-12 / #2511

Date: October 20, 1983

Received 486 Samples of Humus - Swayze  
Submitted by Mr. C. Hillmer

Sample No.	Au ppb	Ag ppm	Sample No.	Au ppb	Ag ppm
L360E 180N	5	.2	L360E 510N	<5	.8
195N	35	.4	525N	<5	.1
210N	16	.2	540N	<5	<.1
225N	<5	.3	555N	5	.2
240N	<5	.2	570N	<5	.1
255N	<5	<.1	585N	<5	<.1
270N	5	.3	600N	<5	<.1
285N	6	.1	615N	8	.4
300N	5	.6	630N	<5	.3
315N	<5	.5	645N	<5	<.1
330N	<5	.4	660N	6	.2
345N	<5	.4	675N	13	.3
360N	<5	.5	690N	<5	.2
375N	<5	.2	705N	8	.3
390N	<5	.3	720N	6	.5
405N	<5	.7	735N	<5	.4
420N	<5	.4	750N	<5	.2
435N	<5	.5	765N	<5	.4
450N	6	.2	780N	<5	.3
465N	<5	.4	795N	<5	.2
480N	<5	.5	810N	<5	.3
L360E 495N	<5	.3	L360E 827N	9	<.1

ASSAYERS (ONTARIO) LIMITED

Per   
J. van Engelen Mgr.

*file*

X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4

PHONE 416-445-5755 TELEX 06-986947

CERTIFICATE OF ANALYSIS

TO: SWAYZE RESOURCES LTD  
ATTN: C. HILMER  
121 ALLAN STREET, APT. 1203  
OAKVILLE, ONTARIO  
L6J 3N3

CUSTOMER NO. 673  
DATE SUBMITTED  
30-AUG-83

REPORT 19380

REF. FILE 14725-SR

174 HUMUS

WERE ANALYSED AS FOLLOWS:

	METHOD	DETECTION LIMIT
AU PPB	NA	1.000
AG PPM	DCP	0.500

**COPY**

DATE 26-OCT-83

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY .....

\*\*\* UNLESS INSTRUCTED OTHERWISE WE WILL DISCARD PULPS 180 DAYS \*\*\*  
AND REJECTS 90 DAYS FROM DATE OF THIS REPORT

OFFICE COPY: DISTRIBUTION 673- 2- 2 R112: 673- 1- 1 R110: 544- 1- 1 R110:  
INVOICE : 673- 2- 2

SAMPLE	AU PPB	AG PPM
L120E-821N	1	<0.5
L120E-810N	3	<0.5
L120E-795N	<1	<0.5
L120E-780N	3	0.5
L120E-765N	<1	0.5
L120E-750N	3	0.5
L120E-735N	1	1.0
L120E-720N	4	<0.5
L120E-705N	3	<0.5
L120E-690N	3	0.5
L120E-675N	<1	<0.5
L120E-660N	1	<0.5
L120E-645N	4	<0.5
L120E-630N	2	<0.5
L120E-615N	2	<0.5
L120E-600N	1	1.0
L120E-585N	3	<0.5
L120E-570N	<1	<0.5
L120E-555N	1	<0.5
L120E-540N	<1	<0.5
L120E-525N	2	<0.5
L120E-510N	6	<0.5
L120E-495N	3	<0.5
L120E-480N	3	<0.5
L120E-465N	2	<0.5
L120E-450N	3	<0.5
L120E-435N	2	<0.5
L120E-420N	<1	<0.5
L120E-405N	2	<0.5
L120E-390N	3	<0.5
L120E-375N	3	<0.5
L120E-360N	1	<0.5
L120E-345N	1	<0.5
L120E-330N	2	<0.5
L120E-315N	<1	<0.5
L120E-300N	1	<0.5
L120E-285N	2	0.5
L120E-270N	1	<0.5
L120E-255N	2	<0.5
L120E-240N	1	<0.5
L120E-225N	<1	<0.5
L120E-210N	3	<0.5
L120E-195N	<1	<0.5
L120E-180N	2	<0.5
L120E-165N	3	<0.5
L120E-150N	2	<0.5
L120E-135N	2	<0.5
L120E-120N	2	<0.5
L120E-105N	2	<0.5
L120E-90N	3	<0.5

COPY

SAMPLE	AU PPB	AG PPM
L120E-75N	2	<0.5
L120E-60N	1	<0.5
L120E-45N	2	<0.5
L120E-30N	1	<0.5
L120E-15N	3	<0.5
L120E-0S	1	<0.5
L120E-15S	1	<0.5
L120E-30S	2	<0.5
L120E-45S	1	<0.5
L120E-60S	2	<0.5
L120E-75S	<1	<0.5
L120E-90S	1	<0.5
L120E-105S	1	<0.5
L120E-120S	<1	<0.5
L120E-135S	<1	0.5
L120E-150S	1	<0.5
L120E-165S	3	<0.5
L120E-180S	2	<0.5
L120E-195S	<1	<0.5
L120E-210S	1	<0.5
L120E-225S	4	<0.5
L120E-240S	<1	0.5
L120E-255S	1	<0.5
L120E-270S	4	0.5
L120E-285S	<1	<0.5
L120E-300S	1	<0.5
L120E-315S	3	0.5
L120E-330S	3	<0.5
L120E-345S	1	<0.5
L120E-360S	3	<0.5
L120E-375S	3	<0.5
L120E-390S	1	<0.5
L120E-405S	1	<0.5
L120E-420S	2	<0.5
L120E-435S	2	0.5
L120E-450S	3	<0.5
L240E-870N	2	<0.5
L240E-855N	2	0.5
L240E-840N	1	0.5
L240E-825N	2	0.5
L240E-810N	2	1.5
L240E-795N	2	<0.5
L240E-780N	2	<0.5
L240E-765N	1	<0.5
L240E-750N	1	0.5
L240E-735N	2	<0.5
L240E-720N	10	<0.5
L240E-705N	2	0.5
L240E-690N	3	<0.5
L240E-675N	3	0.5

COPY

SAMPLE	AU PPB	AG PPM
L240E-660N	3	<0.5
L240E-645N	2	<0.5
L240E-630N	9	<0.5
L240E-615N	2	<0.5
L240E-600N	3	<0.5
L240E-585N	6	0.5
L240E-570N	1	0.5
L240E-555N	1	<0.5
L240E-540N	4	<0.5
L240E-525N	1	<0.5
L240E-510N	1	<0.5
L240E-495N	2	<0.5
L240E-480N	3	<0.5
L240E-465N	1	<0.5
L240E-450N	4	<0.5
L240E-435N	1	<0.5
L240E-420N	<1	<0.5
L240E-405N	3	<0.5
L240E-390N	1	<0.5
L240E-375N	1	<0.5
L240E-360N	4	<0.5
L240E-345N	3	<0.5
L240E-330N	3	<0.5
L240E-315N	5	<0.5
L240E-300N	3	<0.5
L240E-285N	3	<0.5
L240E-270N	2	<0.5
L240E-240N	<1	0.5
L240E-235N	1	<0.5
L240E-225N	1	<0.5
L240E-210N	1	<0.5
L240E-195N	1	0.5
L240E-180N	3	<0.5
L240E-165N	<1	<0.5
L240E-150N	<1	0.5
L240E-135N	3	<0.5
L240E-120N	<1	<0.5
L240E-105N	2	<0.5
L240E-90N	3	<0.5
L240E-75N	3	<0.5
L240E-60N	2	<0.5
L240E-45N	2	<0.5
L240E-30N	2	<0.5
L240E-15N	1	<0.5
L240E-0	<1	<0.5
L240E-15S	4	0.5
L240E-30S	2	<0.5
L240E-45S	1	<0.5
L240E-60S	2	<0.5
L240E-75S	<1	<0.5

COPY

SAMPLE	AU PPB	AG PPM
L240E-90S	2	<0.5
L240E-105S	<1	<0.5
L240E-120S	<1	<0.5
L240E-135S	2	<0.5
L240E-150S	<1	<0.5
L240E-165S	2	<0.5
L240E-180S	<1	<0.5
L240E-195S	2	<0.5
L240E-210S	2	<0.5
L240E-240S	1	<0.5
L240E-255S	2	<0.5
L240E-270S	4	<0.5
L240E-285S	<1	<0.5
L240E-300S	2	<0.5
L240E-315S	<1	<0.5
L240E-345S	1	<0.5
L240E-360S	<1	<0.5
L240E-375S	3	<0.5
L240E-390S	1	<0.5
L240E-405S	5	0.5
L240E-420S	1	<0.5
L240E-435S	2	<0.5
L240E-450S	<1	<0.5
L240E-460S	<1	<0.5

COPY



Ontario



41015SE0113 2.6494 DORE

020

Ministry of  
Northern Development  
and Mines

The following material (French maps, grab sample maps, assay #1233-9, + DS19-84) has been placed on file from OMEP submittal OM84-5-T-46. The following material was not included in the assessment submittal but has been placed on file due to its significance to this report.



# BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. B519-84

Page 1 of 2

DATE: June 21, 1984

SAMPLE(S) OF: Rock (115)

RECEIVED: June, 1984

SAMPLE(S) FROM: Mr. Ken Guy

Sample No.	Au/ppb	Au/oz.	Sample No.	Au/ppb	Au/oz.
G09752	550		G09782	447	
3		0.426**	3	325	
4	316		4	226	
5		0.048**	5	100	
6	822		6	3	
7	4		7		+ 0.108**
8	4		8	699	
9	822		9	184	
G09760	166		G09790		0.049**
1	471		1	565	
2	545		2	215	
3	16		3		+ 0.136**
4	70		4		0.055**
5	31		5		+ 0.532**
6	94		6	147	
7	345		7	5	
8		+ 0.326**	8	66	
9	844		9		+ 0.132**
G09770	488		G09800		+ 0.143**
1		+ 0.214**	1		+ 0.143**
2	113		2	419	
3		0.058**	3		+ 0.119**
4		0.039**	4	456	
5	383		5	706	
6		0.034**	6	70	
7		0.060**	7	216	
8	726		8	647	
9		0.052**	9	292	
G09780		0.063**	G09810		0.055**
1	113		1	2	

In accordance with long-established North American custom, unless it is specifically stated otherwise gold and silver values reported on these sheets have not been adjusted to compensate for losses and gains inherent in the fire assay process.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



# BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. B519-84

Page 2 of 2

DATE: June 21, 1984

SAMPLE(S) OF: Rock (115)

RECEIVED: June, 1984

SAMPLE(S) FROM: Mr. Ken Guy

Sample No.	Au/ppb	Au/oz.	Sample No.	Au/ppb	Au/oz.
G09812	16		G09840		0.095**
3	7		1	740	
4	2		2	795	
5	2		3	619	
6	23		4	2	
7	3		5	1360	
8		0.076**	6		0.066**
9		0.036**	7	712	
G09820	432		8	815	
1	208		9	781	
2	802		G09850		0.161**
3	126		1	66	
4	659		2	93	
5	310		3	22	
6	71		4	133	
7	69		5	706	
8	34		6	1206	
9	97		7	30	
G09830		0.101**	8	5	
1		* 0.690**	9	3	
2		* 0.164**	G09860	615	
3		* 13.95**	1		0.986**
4	496		2	774	
5		* 0.28**	3	159	
6		* 0.204**	4	71	
7		0.099**	5	128	
8		* 0.157**	6	44	
9		0.072**			

\*\* Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.



# BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. B1233-84

DATE: October 26, 1984

SAMPLE(S) OF: Rock (50)

RECEIVED: October 22, 1984

SAMPLE(S) FROM: Mr. Kenneth Guy  
Kenneth Guy Exploration Services RE: Swayze Project

Hopkins #1

L 2040

Hopkins #3

Hopkins #2

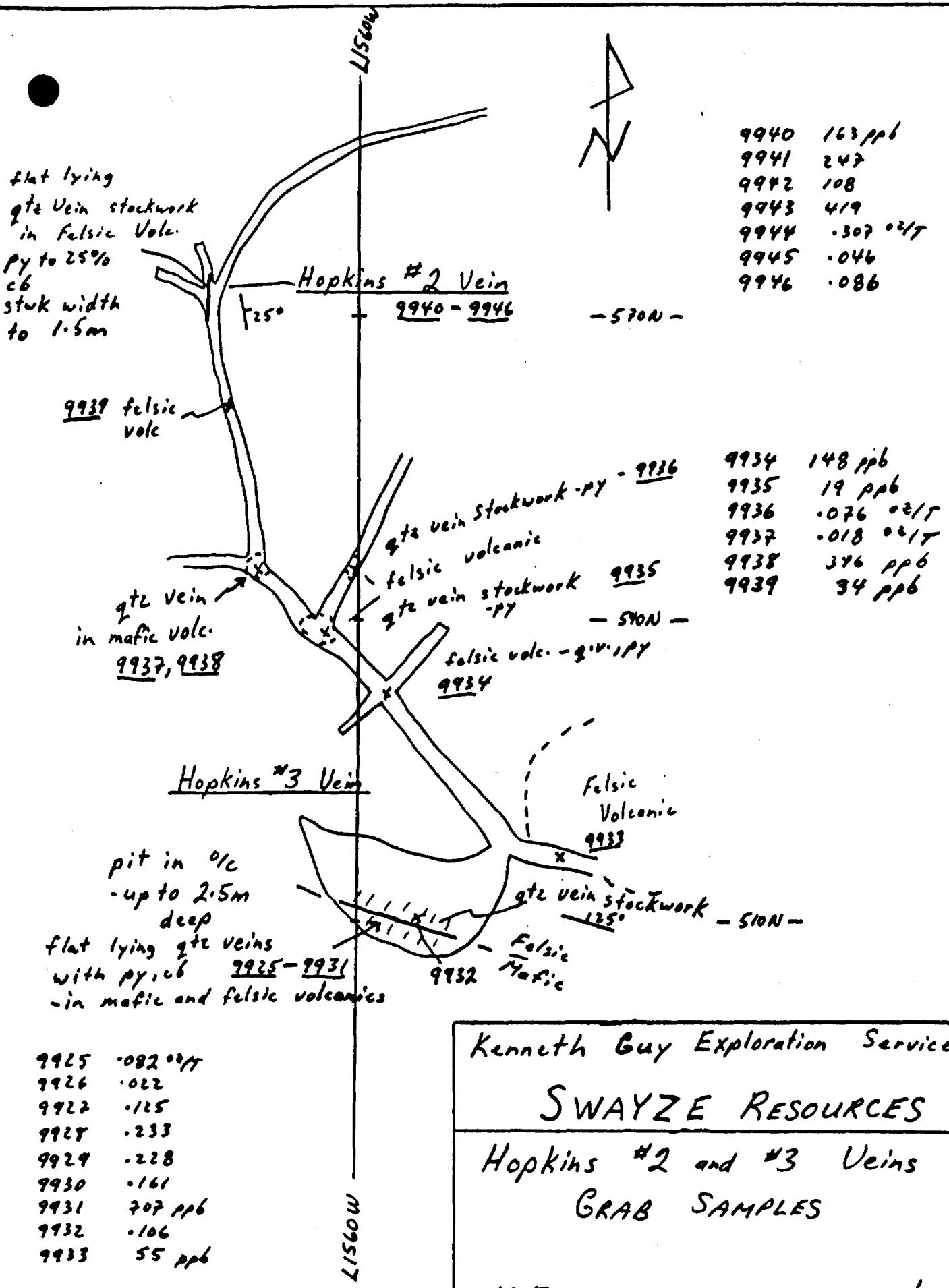
Sample No.	Gold ppb	Gold oz.	Sample No.	Gold ppb	Gold oz.
G09901		0.034	G09926		0.022
2		0.046	7		0.125**
3	592		8		0.233**
4		0.034	9		0.228**
5		0.109**	G09930		0.161**
6		0.030	1	707	
7		0.137**	2		0.106**
8		0.150**	3	55	
9		0.035	4	148	
G09910	579		5	19	
1	644		6		0.076
2		0.260**	7		0.018
3	857		8	396	
4		0.026	9	34	
5	260		G09940	163	
6		0.040	1	247	
7	781		2	108	
8		0.030	3	419	
9		0.030	4		0.307**
G09920		0.030	5		0.046
1		0.062	6		0.086**
2		0.173**	7	226	
3		0.162**	8	247	
4		0.066	9	314	
5		0.082	G09950	123	

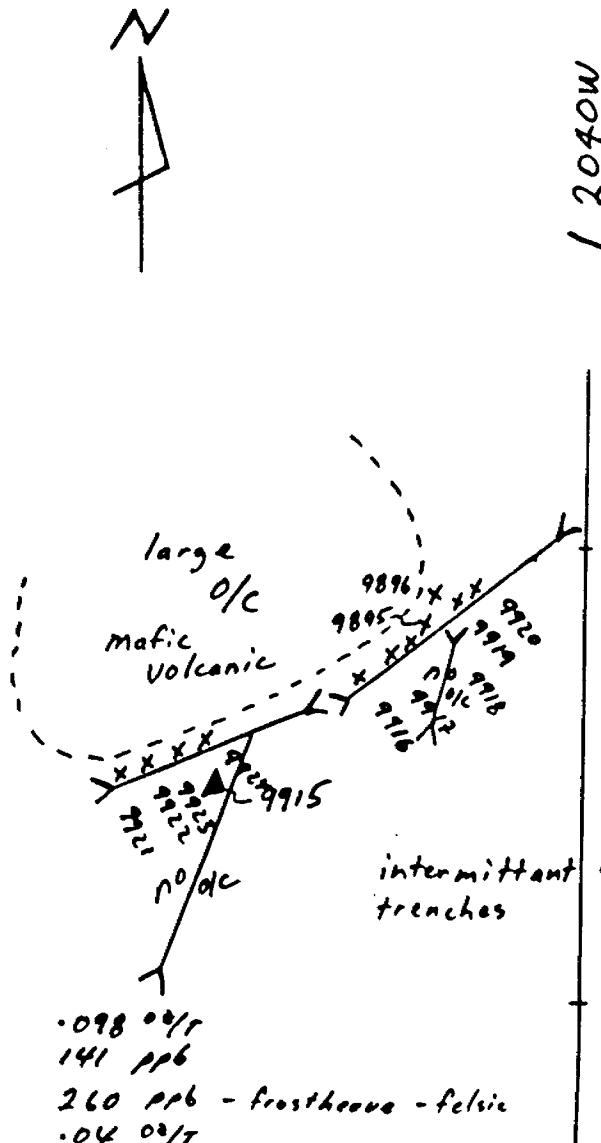
\*\* Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH  
AMERICAN CUSTOM UNLESS IT IS SPECIFICALLY STATED  
OTHERWISE GOLD AND SILVER VALUES REPORTED ON  
THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPEN-  
SATE FOR LOSSES AND GAINS INHERENT IN THE FIRE  
ASSAY PROCESS

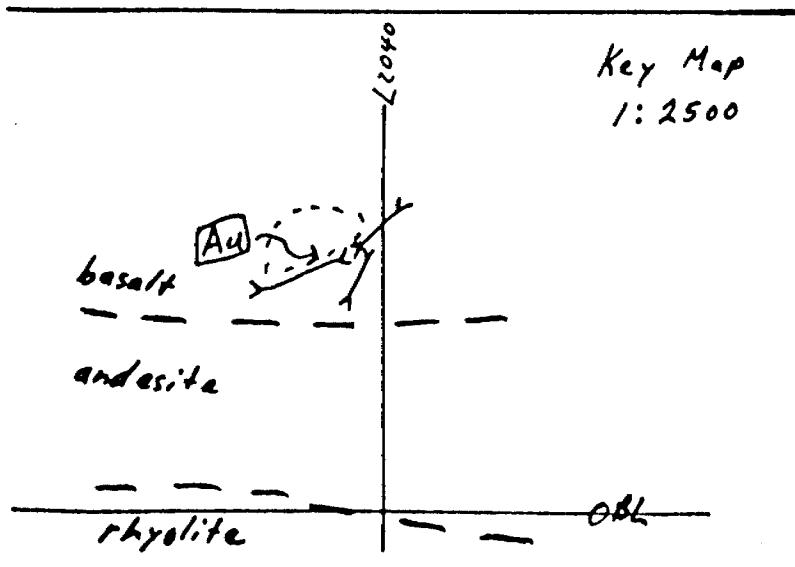
BELL-WHITE ANALYTICAL LABORATORIES LTD.

PERC





9895	.098	0%/ <i>r</i>
9896	.141	ppb
9915	.260	ppb - frostheave - felicia
9916	.04	0%/ <i>r</i>
9917	.781	ppb
9918	.03	0%/ <i>r</i>
9919	.03	
9920	.03	
9921	.062	
9922	.173	
9923	.162	0.06 opt 10-12
9924	.066	



gne veining and gne stockwork  
with py along edge of the %  
hosted in mafic volcanic

- poor exposure, therefore widths  
of veining and alteration  
are indeterminate

— 90N —

- widths appear to be in  
order of:
  - g.v. - < 0.5m
  - g.v. stwk - < 2.0m
  - alteration - carbonate, py,  
silification < 1.0m

in old - py to 20%

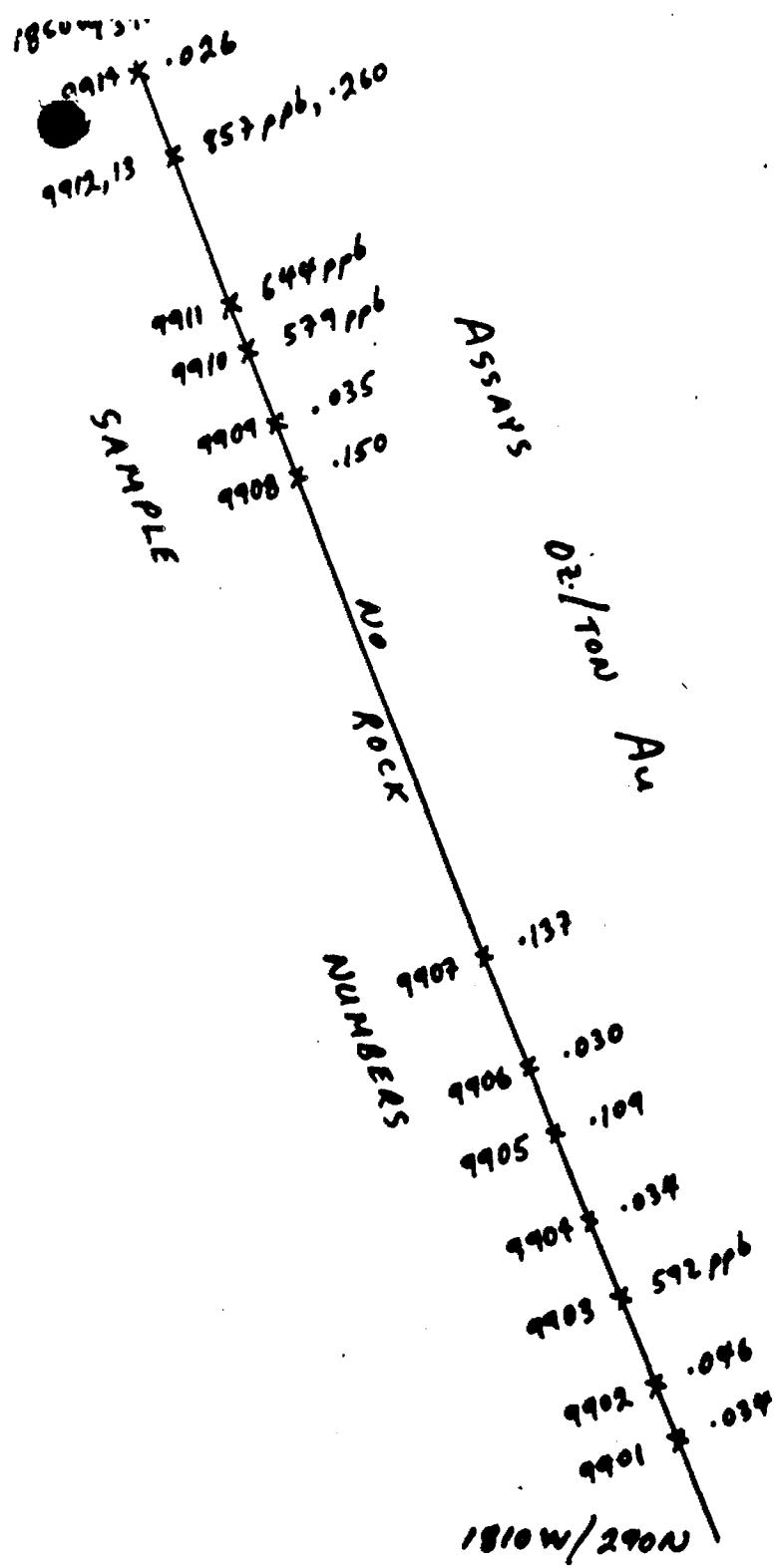
- 60 N -

KENNETH GUY EXPLORATION  
SWAYZE RESOURCES

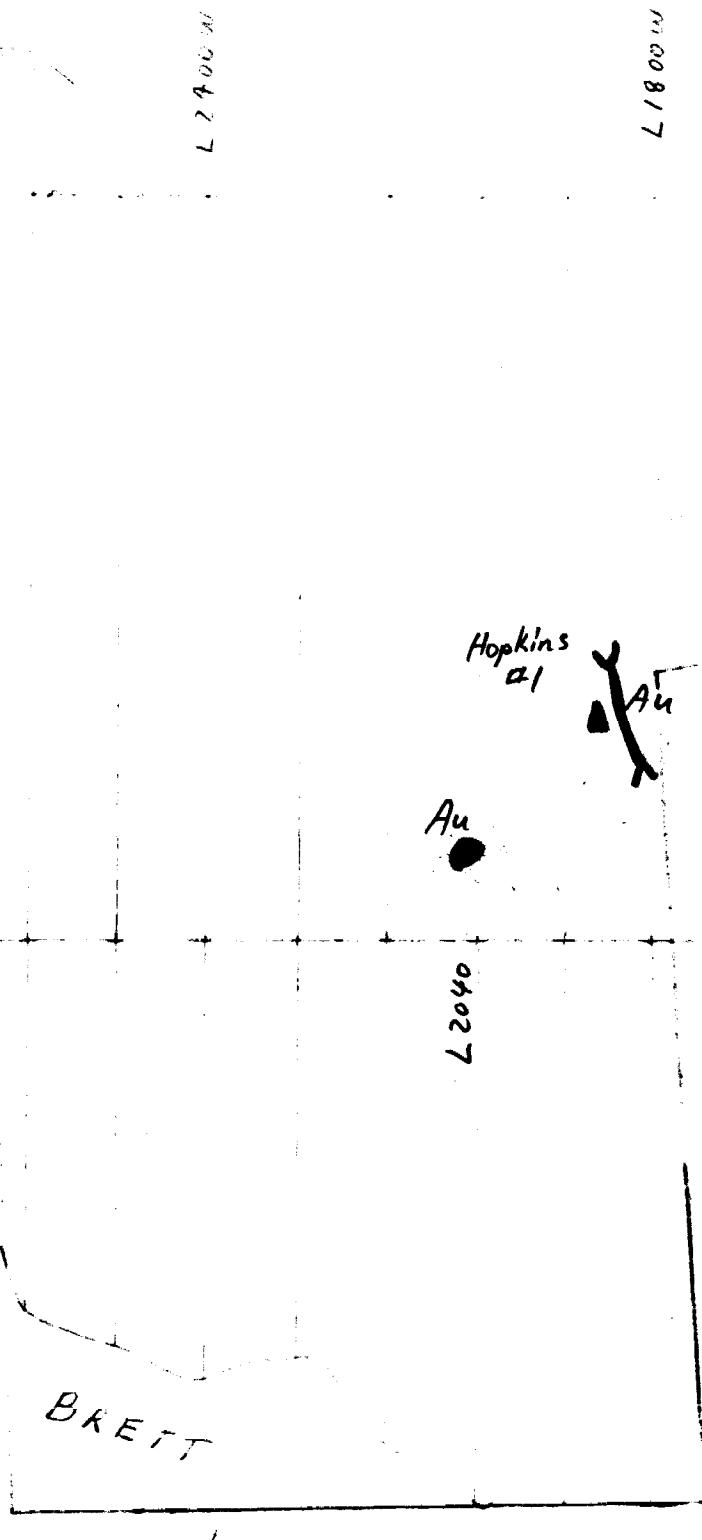
GRAB SAMPLES FROM  
OLD TRENCHING - 1940

1:500

OCT. / 1984



KENNETH GUY EXPLORATION  
SWAYZE RESOURCES  
HOPKINS #1 VEIN  
TRENCH SAMPLING  
GRAB SAMPLES  
1:500 OCT/1984



SWAYZE RESOURCES LTD





Ministry of  
Natural  
Resources

Report of Work  
(Geophysical, Geological,  
Geochemical and Expenditures)

W8406-98

The Mining Act

Your file - 2.6494

Instructions: - Please type or print.

- If number of mining claims traversed exceeds space on this form, attach a list.

Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.

- Do not use shaded areas below.

Type of Survey(s)	GEOCHEMICAL		Township or Area	DCRE TP. (M.763)	
Claim Holder(s)	SWAYZE RESOURCES LTD,		Prospector's Licence No.	T. 1641	
Address	91 TYCOS DR., TORONTO, Ont.		M6B 1W3,		
Survey Company	HOPKINS MINING CONSULTANTS		Date of Survey (from & to)	24 Day   Mo. 8 Yr. 83   23 Day   Mo. 8 Yr. 83	Total Miles of Line Cut 8440 miles 5.2445 miles
Name and Address of Author (of Geo-Technical report)	Albert Hopkins, 810 Duplex Av., TORONTO, Ont. M4R 1W7,				
Credits Requested per Each Claim in Columns at right					
Special Provisions		Geophysical	Days per Claim	Mining Claims Traversed (List in numerical sequence)	
For first survey: Enter 40 days. (This includes line cutting)		- Electromagnetic		P. 575247	20
		- Magnetometer		575248	20
		- Radiometric		575249	20
		- Other		575250	20
For each additional survey: using the same grid: Enter 20 days (for each)		Geological		575251	20
		Geochemical	20	575252	20
Man Days		Geophysical	Days per Claim		
Complete reverse side and enter total(s) here		- Electromagnetic			
		- Magnetometer			
		- Radiometric			
		- Other			
		Geological			
		Geochemical			
Airborne Credits			Days per Claim		
Note: Special provisions credits do not apply to Airborne Surveys.		Electromagnetic			
		Magnetometer			
		Radiometric			
Expenditures (excludes power strippling)					
Type of Work Performed					
Performed on Claims					
Calculation of Expenditure Days Credits					
Total Expenditures		A.M. 8:30   10:11   12:13   14:15   P.M. 1:16	Total Days Credits		
\$	+	15	=		
Instructions					
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.					
Date	Recorded Holder or Agent (Signature)				
29 Feb. '84	a. Hopkins.				

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Albert HOPKINS, 810 Duplex Av., TORONTO, Ont.

M4R 1W7.

For Office Use Only		
Total Days Cr.	Date Recorded	Miner Recorder
Recorded	March 8/84	<i>Charles</i>
120	Date Approved as Recorded	Branch Director
	87.6.58	Miner Recorder

Date Certified  
29 Feb. '84. a. Hopkins.

### X3 Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey

Geochemical

Technical Days

$$21 \times 7 = 147 + - = 147 + 6 = 24$$

Technical Days Credits

Line-cutting Days

Total Credits

No. of Claims

Days per Claim

Type of Survey

Technical Days

$$+ \times 7 = + + = + \div =$$

Technical Days Credits

Line-cutting Days

Total Credits

No. of Claims

Days per Claim

Type of Survey

Technical Days

$$+ \times 7 = + + = + \div =$$

Technical Days Credits

Line-cutting Days

Total Credits

No. of Claims

Days per Claim

Type of Survey

Technical Days

$$+ \times 7 = + + = + \div =$$

Technical Days Credits

Line-cutting Days

Total Credits

No. of Claims

Days per Claim





## GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken P.575247, 575248, 575249,  
575250, 575251, and P.575252.

Total Number of Samples 530  
Type of Sample Humus ("A Horizon")  
(Nature of Material)  
Average Sample Weight 1/2 lb.  
Method of Collection by hand, using a  
stainless steel scoop or trowel  
Soil Horizon Sampled "A Horizon"  
Horizon Development good.  
Sample Depth 1" to 6".  
Terrain gentle relief.  
Drainage Development medium, to N. + E.  
Estimated Range of Overburden Thickness 1'-80'.

## ANALYTICAL METHODS

Values expressed in: per cent   
p. p. m.  AG  
p. p. b.  AU.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others Au, AG

### **Field Analysis (                   tests)**

## Extraction Method

### Analytical Method.

## Reagents Used

## Field Laboratory Analysis

## Extraction Method

### Analytical Method.

### Reagents Used

Commercial Laboratory (530 tests)

Name of Laboratory X-Ray Assay Lab.

Extraction Method Aqua Regia

Analytical Method Au FADCP, AG. DCP.

Reagents Used HCl. + Nitric Acid.

## Reagents Used

General \_\_\_\_\_

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General  
FADCP = Fire Assay Direct

Current Plasma.  
Av. ppb. Detection Limit 2.0 ppb.

DCP = Direct Current Plasma  
AG. ppm. Detection Limit 0.50



Ministry of  
Natural  
Resources

## Geotechnical Report Approval

File

2.6494

## Mining Lands Comments

To: Geophysics

<b>Comments</b>	
<input type="checkbox"/> Approved	<input type="checkbox"/> Wish to see again with corrections
Date	Signature

To: Geology - Expenditures

<b>Comments</b>			
<hr/> <hr/> <hr/> <hr/> <hr/>			
<input type="checkbox"/> Approved <input type="checkbox"/> Wish to see again with corrections	Date	Signature	

To: Geochemistry

<p><b>Comments</b></p> <hr/> <hr/> <hr/> <hr/> <hr/>	<input type="checkbox"/> Approved <input type="checkbox"/> Wish to see again with corrections	Date	Signature
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To: Mining Lands Section, Room 6462, Whitney Block.

(Tel: 5-1380)

## ASSESSMENT WORK BREAKDOWN

1. Type of Survey Geochemical
2. Township or Area Dore Twp. (m. 763)
3. Numbers of Mining Claims Traversed by Survey P. 575247, 575248,  
575249, 575250, 575251 and P. 575252
4. Number of Miles of Line Cut 5.2445 Flown \_\_\_\_\_
- \*5. Number of Stations Established 530
- \*6. Make and type of Instrument Used N/A
- \*7. Scale Constant or Sensitivity N/A
- \*8. Frequency Used and Power Output N/A

## 9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.) 21

Total 8 hour Line-Cutting Days (already claimed by geol. survey.

Calculation

$$\frac{21}{\text{Technical}} \times 7 = \frac{147}{\text{Line-cutting}} + \frac{\text{—}}{\text{—}} = \frac{147}{\text{Number of claims}} \div \frac{6}{\text{Assessment credits per claim}} = \frac{24 \text{ man-days}}{\text{—}}$$

The dates listed on this form represent working time spent entirely within the limits of the above listed claims  Check  
If otherwise, please explain \_\_\_\_\_

Dated: 29 Feb. 1984.

Signed: Albert Hopkins

- Note: (A) \* Complete only if applicable.  
 (B) Complete list of names, addresses and dates on reverse side.  
 (C) Submit separate breakdown for each type of survey.  
 (D) Submit in duplicate.

Soil Sample Collectors :- (10-hour Days)

	<u>hours</u>
Chris Raymond, 77-4 <sup>th</sup> Av., SCHUMACHER, Ont.	21 and 23 Aug. '83 = 20
D. Woon 392 Toke St., TIMMINS, Ont.	21 " 23 " " = 20
Rick. Kohlbacher, 690 Melrose Av., TIMMINS.	21 " 23 " " = 0
Mark Skrtic, 21-2 <sup>nd</sup> Av., SCHUMACHER, Ont.	21 " 23 " " = 20
Grant McCollum, RR3, Lisbon, N.Y., U.S.A.	21 " 23 " " = 20
Terry Goudreau, 113 Shirley St., TIMMINS.	21 " 23 " " = 20
<u>Total = 120 hrs.</u>	

$120/8 = 15 \text{ man-days of 8 hrs. each.}$   
 $= 15 \text{ man-days}$

A. Hopkins, geologist + supervisor (10-hr. days)

810 Duplex Av., TORONTO, Ont. M4R 1W7.

21 Aug. '83. In field 416-489-8375. = 10 hrs.  
 1 Sep. '83. In Toronto office drafting. = 10 hrs.  
 16 Nov. '83. " " " " = 10 hrs.  
 10 Feb. '84. In Timmins, Ont. on report. = 10 hrs.

Total = 40 hrs. = 5 man-days

Mary Lou Pendrith, secretary-draftsman.

(4 hrs./day) 53 Alexandra Blvd., TORONTO. M4R 1M1.  
 15 and 16 Nov. '83.  $2 \times 4 = 8 \text{ hrs.}$  = 1 man-day

TECHNICAL GRAND TOTAL = 21 man-days

<sup>x3</sup> Soil Sample Collectors :- (10-hour Days) hours

Chris Raymond, 77-4 <sup>th</sup> Av., SCHUMACHER, Ont.	21 and 23 Aug. '83	= 20
D. Woor, 392 Toke St., TIMMINS, Ont.	21 " 23 "	= 20
Rick. Kornbacher, 690 Melrose Av., TIMMINS.	21 " 23 "	= 20
Mark Skrtic, 21-2 <sup>nd</sup> Av., SCHUMACHER, Ont.	21 " 23 "	= 20
Grant McCollum, RR3, Lisbon, NY, U.S.A.	21 " 23 "	= 20
Terry Goudreau, 113 Shirley St., TIMMINS.	21 " 23 "	= 20

SSC 21 hrs 125.212.02 Total = 720 hrs

120/8 = 15 man-days of 8 hrs. each.  
= 15 man-days

A. Hopkins, geologist + supervisor (10-hr. days)

810 Duplex Av., TORONTO, Ont. MAR 1W?

21 Aug. '83. In field	416.489.8375.	= 10 hrs.
1 Sep. '83. In Toronto office drafting.	"	= 10 hrs.
16 Nov. '83. "	"	= 10 hrs.
10 Feb. '84. In Timmins, Ont. on report.	"	= 10 hrs.
<u>Total</u>		<u>= 40 hrs. = 5 man-days</u>

Mary Lou Pendritth, secretary-draftsman.

(4 hrs./day)

53 Alexandra Blvd., TORONTO, MAR 1M1.

15 and 16 Nov. '83.  $2 \times 4 = 8$  hrs.

= 1 man-day

TECHNICAL GRAND TOTAL = 21 man-days

Approved Reports of Work

sent out

Notice of Intent filed

Approval after Notice of Intent  
sent out

Duplicate sent to Resident  
Geologist

Duplicate sent to A.F.R.D.

Our File: 2.6494

1984 03 20

Mr. Bruce Hanley  
Mining Recorder  
Ministry of Natural Resources  
60 Wilson Avenue  
Timmins, Ontario  
P4N 2S7

Dear Sir:

We have received reports and maps for a Geochemical survey submitted under Special Provisions (credit for Performance and Coverage) on mining claims P 575&47 et al in the Township of Dore.

This material will be examined and assessed and a statement of assessment work credits will be issued.

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data. Please forward a copy as soon as possible.

Yours sincerely,

S.E. Yundt  
Director  
Land Management Branch

Whitney Block  
Room 6643  
Queen's Park  
Toronto, Ontario  
M7A 1W3  
Phone: 416/965-6918

A. Barr:dg

cc: Swayze Resources Ltd.  
91 Tycos Drive  
Toronto, Ontario M6B 1W3

cc: Albert Hopkins  
810 Duplex Ave.  
Toronto, Ontario  
M4R 1W7

Mining Lands Section

File No 1-64-91

Control Sheet

TYPE OF SURVEY       GEOPHYSICAL  
                         GEOLOGICAL  
                         GEOCHEMICAL  
                         EXPENDITURE

MINING LANDS COMMENTS:

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LD

        
Signature of Assessor

26/01/91  
Date

ANALYTICAL CHEMISTS . ASSAYING . CONSULTING . ORE PROCESSING . REPRESENTATION

2.64942511



# **ASSAYERS (ONTARIO) LIMITED**

33 CHAUNCEY AVENUE, TORONTO, ONTARIO M8Z 2Z2 . TELEPHONE (416) 239-3527

SOLD TO

Sunzyte Resources Limited,  
Attention: Mr. G. Billmer,  
1703 - 121 Allan Street,  
DAKVILLE, Ontario.  
461-883

**S  
H  
I  
P  
T  
O**

MOORE SPECIALTY - 3 - MOORECLEANPRINT PATENTED 1963 1966 7060E

## INVOICE

ALBERT HOPKINS  
810 DUPLEX AVE.,  
TORONTO, ONT. M4R 1W7  
416-488-8376

14 Nov. 1983

657

a/c

2147 70  
~~2247~~

Pay to the Order of X. R. A. L.

1984 7.7% net  
Aug 77

Twenty - Two Hundred + Forty - Seven - 70/100 Dollars

THE ROYAL BANK OF CANADA  
YONGE AND SHERWOOD BRANCH  
2669 YONGE STREET  
TORONTO, ONT.

sample bags &amp; assays for Sprayze RL.

Albert Hopkins

#657 068020031:11210111

0000214770

**XRAL**
**X-RAY ASSAY LABORATORIES  
LIMITED**

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

CE TO  
 Hopkins Mining Consultants Ltd  
 8A0 Duplex Avenue  
 Toronto, Ontario  
 M4R 1W7

COPY TO:

NETTED TO:  
 Mr C. Hilmer  
 121 Allan Street, Apt#1203  
 Oakville, Ontario L6J 3N3

Customer 544

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
M1087	Sept 15, 83		
TERMS			
Net 30 days, 1.5% per month interest on account over 30 days			

ITEM P.O. NO.	CLIENT PROJECT NO.	TYPE OF SAMPLES SUBMITTED

ITEM PKGS	SHIPPED VIA	WAY BILL NO.	SHIPPED FROM

QUANTITY	DESCRIPTION METHOD	XRAL CODE	UNIT COST	AMOUNT
	<u>For supplies shipped to you Sept 13, 83</u>			
00	Humus sample bags		@ \$ 0.15	\$ 300.00

*X-RAY ASSAY LABORATORIES LTD.  
PAID IN FULL  
Accounts Receivable Dept.  
Judy W.*

MISC. CHARGES	SHIPPING CHARGES	CUSTOM BROKERAGE	TELEX	MINIMUM CHARGES	
				SURCHARGE - RUSH SERVICE	

OFFICE COPY	ENTERED OCT 6 1983	TOTAL	IN CANADIAN FUNDS	\$ 300.00

**XRAL**

# X-RAY ASSAY LABORATORIES LIMITED

1885 LESLIE STREET • DON MILLS ONTARIO M3B 3J4 • (416) 445-5755

COPY TO

GE 10

SWAYZE RESOURCES LTD  
ATTN: C. HILMER  
121 ALLAN STREET, APT. 1203  
OAKVILLE, ONTARIO  
L6J 3N3

MITTED TO:

SHAYZE RESOURCES LTD  
ATTN: C. HILMER  
121 ALLAN STREET, APT. 1203  
DARKVILLE, ONTARIO  
L6J 3N3

CUSTOMER NO. 673

INVOICE NO.	INVOICE DATE	WORK ORDER NO.	DATE SUBMITTED
19380	21-OCT-83	14725	30-AUG-83
TERMS			
TERMS NET 30 DAYS			
1.5% PER MONTH INTEREST ON ACCOUNT OVER 30 DAYS			

TS P.O. NO. **CLIENT PROJECT NO.** **TYPE OF SAMPLES SUBMITTED**  
**HUMUS**

F PKGS BAGS	SHIPPED VIA CNX	WAY BILL NO. 213613131	SHIPPED FROM
----------------	--------------------	---------------------------	--------------

QUANTITY	DESCRIPTION/METHOD	XRAL CODE	UNIT COST	AMOUNT
174	AG-MIXED ACID DIGESTION	1, 7, 0, 0, 0, 0	2.15	374.10

QUANTITY	DESCRIPTION/METHOD	XRAL CODE	UNIT COST	AMOUNT
174	AG. MIXED ACID DIGESTION	1, 7, 0, 0, 0, 0	2.15	374.10
174	AU. HUMUS	13, 2, 20, 0, 0, 0	6.50	1131.00
174	HUMUS, DRYING & BLENDING	99, 2, 0, 0, 0, 0	0.70	121.80

## X-RAY ASSAY LABORATORIES LTD.

PAID IN FULL  
Accounts Receivable Dept  
Judy W.

**SUB-TOTAL**                    \$ 1626.90

<b>MISC. IARGES</b>	<b>SHIPPING CHARGES</b> <b>20.80</b>	<b>CUSTOM BROKERAGE</b>	<b>TELEX</b>	<b>MINIMUM CHARGES</b>	<b>\$ 20.80</b>
	OTHER	SURCHARGE - RUSH SERVICE			

EEICE COPY

ENTERED NOV 2 1983

**TOTAL IN CANADIAN FUNDS** \$ 1647.70

ALBERT HOPKINS

810 DUPLEX AVE.,

TORONTO, ONT. M4R 1W7

416-489-8376

14 Nov. 1983

657 art.

2147 "70  
~~2247~~

Pay to the Order of X, R, A L

art. "One"

Twenty - ~~Two~~ Hundred & Forty - Seven - 70/100 Dollars1947.70 was  
change

THE ROYAL BANK OF CANADA

YONGE AND SHERWOOD BRANCH

2659 YONGE STREET

TORONTO, ONT.

sample bags &amp; change for Stonyze R.L.

Albert Hopkins.

657 068020031:12210110

0000214770

0194

January 11, 1985

PAY TO THE Assayers (Ontario) Limited

Reichel Holdings Inc.

**Bank of Montreal**  
Broadway & Centre  
274 Broadway Street  
Orangeville, Ont. L9W 1L1

Per.

•00000 50000•

**ANSWERS (ENGLISH)**

JA '85 14

**ROYAL BANK  
ONTARIO FCU**

JA '85 14

**BANK OF MONTREAL  
BURLINGTON  
B.D.C.**

JA '85 14

**BANK OF MONTREAL**  
**TORONTO REGIONAL**  
**DATA CENTER**

新編中華書局影印

0201

February 14 1985

PAY TO THE  
ORDER OF

3-118

Five hundred  
SUM OF

DOLLARS 100

Bank of Montreal

Broadway & Centre  
274 Broadway Street  
Orangeville, Ont. L9W 1L1

Reichel Holdings Inc.

Page 1

• 24962-0016

101109LT

1000000000

SCAVENGER (CATARO)  
BOSTON  
FOR EXPERT ONLY  
RECORDED NO. 6553

0150  
September 11 19 8

PAY TO THE ASSAYERS (ONTARIO) LIMITED  
ORDER OF

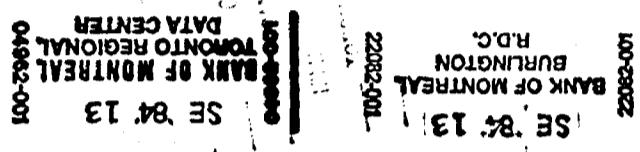
**Bank of Montreal**  
Broadway & Centre  
274 Broadway Street  
Orangeville, Ont. L9W 1L1

Reichel Holdings Inc.

Per i:

02496200010 1011094400

"00000 50000."



ASSAYERS (MELBOURNE)  
LIMITED  
FOR DEPOSIT ONLY  
IN ACCOUNT NO. 455-3

ROYAL BANK

SET 18. 35

0112

June 13 1984

PAY TO THE ASSAYERS (ONTARIO) LIMITED  
ORDER OF

PAY TO THE  
ORDER OF

FIVE HUNDRED - - - - - XXX \$ 500.00  
SUM OF DOLLARS 100

SUM OF

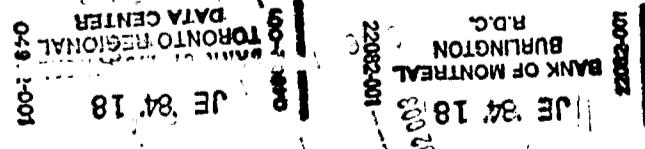
Reichel Holdings Inc.

**Bank of Montreal**  
Broadway & Centre  
274 Broadway Street  
Orangeville, Ont. L9W 1L1

Per 2

10 11-944-0

„00000 50000.“



ASSAYERS (GUTHRIE)  
LIMITED  
FOR DEPOSIT ONLY  
IN ACCOUNT NO. 455-3

Assayore Out Ltd

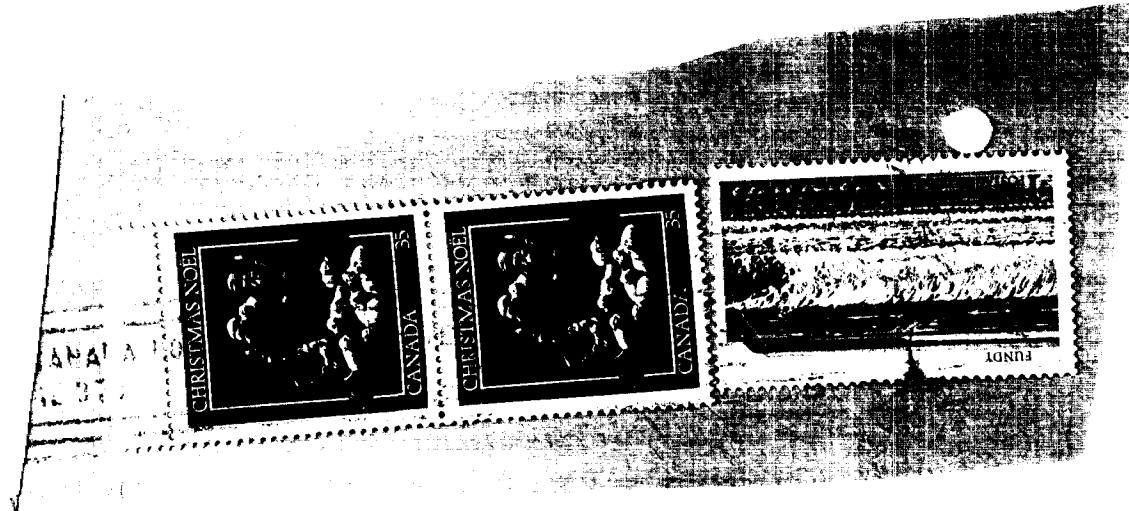
- 1- Accepted Invoces
- 2- Envelopes
- 3- Random cancelled cheques

Most of the work was done there.

X-Ray Assay Lab

Accepted Invoces -  
Envelopes

300.00  
1647.70  
1947.70



DOKRE 16

Σ.  
εργ.

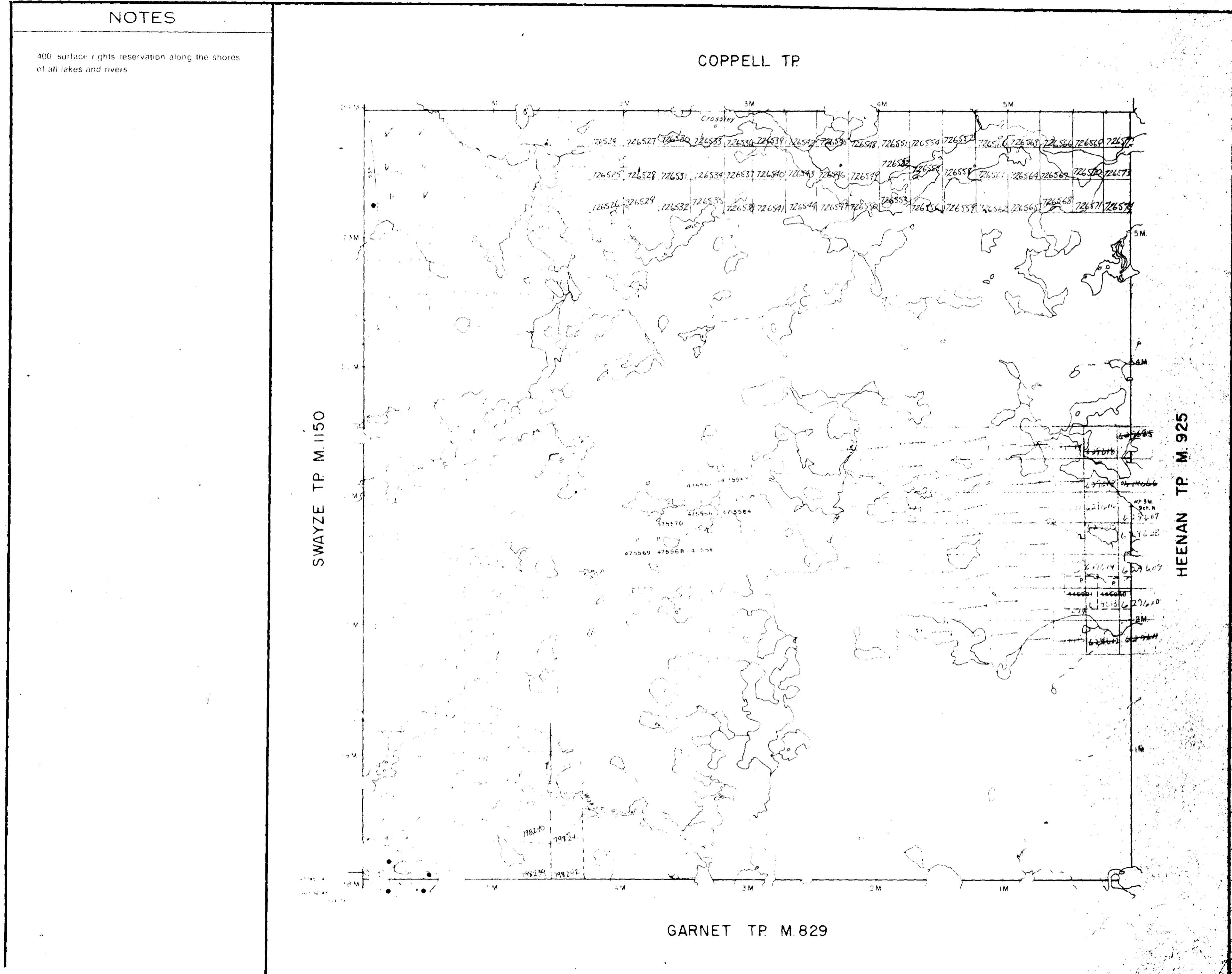
## NOTES

400 surface rights reservation along the shores  
of all lakes and rivers

COPPELL TR.

SWAYZE TP M 1150

GARNET TR. M. 829



**LEGEND**

IGHWAY AND ROUTE NO  
THER. ROADS  
RAILS  
URVEYED LINES  
TOWNSHIPS, BASE LINES, ETC.  
LOTS, MINING CLAIMS, PARCELS, ETC.  
INSURVEYED LINES  
LOT LINES  
PARCEL BOUNDARY  
MINING CLAIMS ETC.  
AILWAY AND RIGHT OF WAY  
ILITY LINES  
ON-PERENNIAL STREAM  
LOODING OR FLOODING RIGHTS  
UBDIVISION  
RIGINAL SHORELINE  
ARSH OR MUSKEG  
INESA

**DISPOSITION OF CROWN LANDS**

TYPE OF DOCUMENT	SYMBOL
ATENT SURFACE & MINING RIGHTS	●
SURFACE RIGHTS ONLY	○
MINING RIGHTS ONLY	■
LEASE SURFACE & MINING RIGHTS	■
SURFACE RIGHTS ONLY	■
MINING RIGHTS ONLY	■
CENCE OF OCCUPATION	▼
ROWN LAND SALE	CS
ORDER-IN-COUNCIL	OC
RESERVATION	◎
ANCELLED	✗
AND & GRAVEL	○

Received Jan 7/80.

SCALE : 1 INCH = 40 CHAINS

A bar chart with 'TRIALS' on the y-axis and 'N' (Number of Subjects) on the x-axis. The x-axis has major ticks at 0, 300, 1000, 2000, 4000, 6000, and 8000. There are four bars representing different conditions: 'A' (blue), 'B' (orange), 'C' (green), and 'D' (red). Condition A has approximately 1000 trials and 1000 subjects. Condition B has approximately 1000 trials and 2000 subjects. Condition C has approximately 1000 trials and 4000 subjects. Condition D has approximately 1000 trials and 6000 subjects.

Condition	Trials	N
A	~1000	~1000
B	~1000	~2000
C	~1000	~4000
D	~1000	~6000

ACRES HECTARES

## OWNSHIP

**DORE**

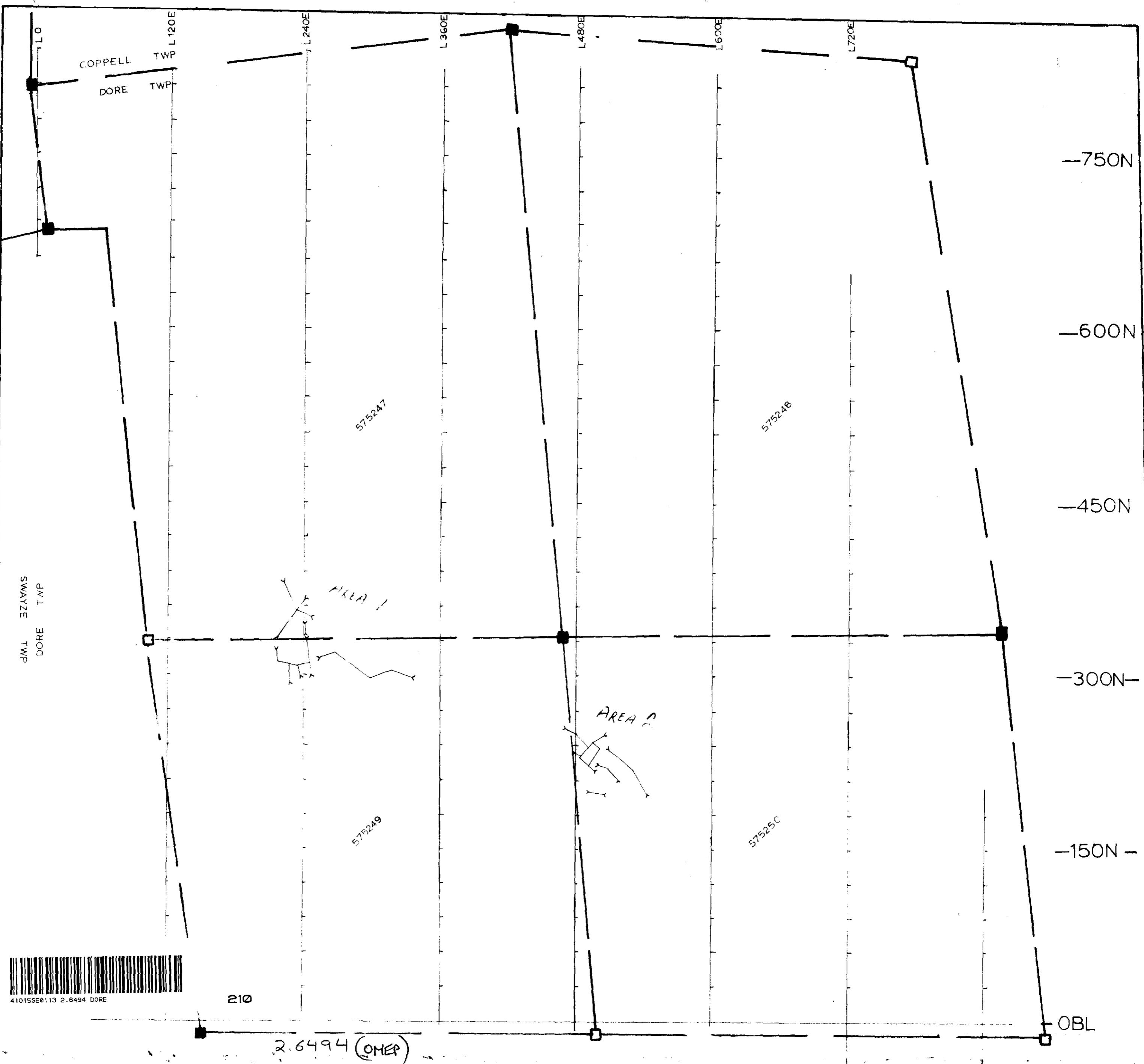
DISTRICT  
SUDSBURY

#### **INING DIVISION**

**PORCUPINE**  
**May 10 /84**  
Ministry of Natural  
Resources

Ontario Surveys and Mapping Branch DAT  
Date April 11, 1973 Plan No.  
Whitney Block M 763 Queen's Park, Toronto





SWAYZE RESOURCES LTD.

TRENCH LOCATION MAP

KENNETH GUY EXPLORATION SERVICES

BY: D. CRUJI

DATE: JUNE 1984

DRAWN BY:  
D. CRUJI

NTS 410/15

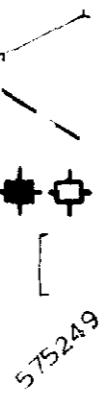
DORE TWP.

PORCUPINE MINING DIVISION

SCALE 1:2500

LEGEND

- Trench
- Claim line
- Claim post : located, unlocated
- Survey grid
- Claim number







Feb. 1984

a. Hopkins Feb. 1984

1020W 1080W 1140W 1200W 1260W 1320W 1380W 1440W 1500W 1560W 1620W 1680W 1740W 1800W 1860W 1920W 1980W 2040W 2100W 2160W 2220W 2280W 2340W 2400W 2460W 2520W 2580W 2640W 2700W 2760W 2820W 2880W 2940W 200E 240E 280E 320E 360E 400E 440E 480E 520E 560E 600E 640E 680E 720E 760E 800E 840E 880E 920E 960E 1000E 1040E 1080E 1120E 1160E 1200E 1240E 1280E 1320E 1360E 1400E 1440E 1480E 1520E 1560E 1600E 1640E 1680E 1720E 1760E 1800E 1840E 1880E 1920E 1960E 1980E 2000E 2040E 2080E 2120E 2160E 2200E 2240E 2280E 2320E 2360E 2400E 2440E 2480E 2520E 2560E 2600E 2640E 2680E 2720E 2760E 2800E 2840E 2880E 2920E 2960E 3000E 3040E 3080E 3120E 3160E 3200E 3240E 3280E 3320E 3360E 3400E 3440E 3480E 3520E 3560E 3600E 3640E 3680E 3720E 3760E 3800E 3840E 3880E 3920E 3960E 4000E 4040E 4080E 4120E 4160E 4200E 4240E 4280E 4320E 4360E 4400E 4440E 4480E 4520E 4560E 4600E 4640E 4680E 4720E 4760E 4800E 4840E 4880E 4920E 4960E 5000E 5040E 5080E 5120E 5160E 5200E 5240E 5280E 5320E 5360E 5400E 5440E 5480E 5520E 5560E 5600E 5640E 5680E 5720E 5760E 5800E 5840E 5880E 5920E 5960E 6000E 6040E 6080E 6120E 6160E 6200E 6240E 6280E 6320E 6360E 6400E 6440E 6480E 6520E 6560E 6600E 6640E 6680E 6720E 6760E 6800E 6840E 6880E 6920E 6960E 7000E 7040E 7080E 7120E 7160E 7200E 7240E 7280E 7320E 7360E 7400E 7440E 7480E 7520E 7560E 7600E 7640E 7680E 7720E 7760E 7800E 7840E 7880E 7920E 7960E 8000E 8040E 8080E 8120E 8160E 8200E 8240E 8280E 8320E 8360E 8400E 8440E 8480E 8520E 8560E 8600E 8640E 8680E 8720E 8760E 8800E 8840E 8880E 8920E 8960E 9000E 9040E 9080E 9120E 9160E 9200E 9240E 9280E 9320E 9360E 9400E 9440E 9480E 9520E 9560E 9600E 9640E 9680E 9720E 9760E 9800E 9840E 9880E 9920E 9960E 10000E 10040E 10080E 10120E 10160E 10200E 10240E 10280E 10320E 10360E 10400E 10440E 10480E 10520E 10560E 10600E 10640E 10680E 10720E 10760E 10800E 10840E 10880E 10920E 10960E 11000E 11040E 11080E 11120E 11160E 11200E 11240E 11280E 11320E 11360E 11400E 11440E 11480E 11520E 11560E 11600E 11640E 11680E 11720E 11760E 11800E 11840E 11880E 11920E 11960E 12000E 12040E 12080E 12120E 12160E 12200E 12240E 12280E 12320E 12360E 12400E 12440E 12480E 12520E 12560E 12600E 12640E 12680E 12720E 12760E 12800E 12840E 12880E 12920E 12960E 13000E 13040E 13080E 13120E 13160E 13200E 13240E 13280E 13320E 13360E 13400E 13440E 13480E 13520E 13560E 13600E 13640E 13680E 13720E 13760E 13800E 13840E 13880E 13920E 13960E 14000E 14040E 14080E 14120E 14160E 14200E 14240E 14280E 14320E 14360E 14400E 14440E 14480E 14520E 14560E 14600E 14640E 14680E 14720E 14760E 14800E 14840E 14880E 14920E 14960E 15000E 15040E 15080E 15120E 15160E 15200E 15240E 15280E 15320E 15360E 15400E 15440E 15480E 15520E 15560E 15600E 15640E 15680E 15720E 15760E 15800E 15840E 15880E 15920E 15960E 16000E 16040E 16080E 16120E 16160E 16200E 16240E 16280E 16320E 16360E 16400E 16440E 16480E 16520E 16560E 16600E 16640E 16680E 16720E 16760E 16800E 16840E 16880E 16920E 16960E 17000E 17040E 17080E 17120E 17160E 17200E 17240E 17280E 17320E 17360E 17400E 17440E 17480E 17520E 17560E 17600E 17640E 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40560E 40600E 40640E 40680E 40720E 40760E 40800E 40840E 40880E 40920E 40960E 41000E 41040E 41080E 41120E 41160E 41200E 41240E 41280E 41320E 41360E 41400E 41440E 41480E 41520E 41560E 41600E 41640E 41680E 41720E 41760E 41800E 41840E 41880E 41920E 41960E 42000E 42040E 42080E 42120E 42160E 42200E 42240E 42280E 42320E 42360E 42400E 42440E 42480E 42520E 42560E 42600E 42640E 42680E 42720E 42760E 42800E 42840E 42880E 42920E 42960E 43000E 43040E 43080E 43120E 43160E 43200E 43240E 43280E 43320E 43360E 43400E 43440E 43480E 43520E 43560E 43600E 43640E 43680E 43720E 43760E 43800E 43840E 43880E 43920E 43960E 44000E 44040E 44080E 44120E 44160E 44200E 44240E 44280E 44320E 44360E 44400E 44440E 444