520/08SW-0017

LOAD: 16/COMBO/35mm

2.9758

010

REPORT

ON

GEOLOGICAL MAPPING, PROSPECTING

AND

GEOCHEMICAL SAMPLING

ON THE

KASAGIMINNIS LAKE PROPERTY

DISTRICT OF KENORA, PATRICIA MINING DIVISION

NORTHWESTERN ONTARIO

FOR

669977 ONTARIO LTD.

NTS 52-O/8

December, 1986

Robert A.V. Higginson, B.Sc.

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APPENDICES

LIST OF DRAWINGS

1.0 SUMMARY

The Kasagiminnis Lake property held under a Joint Venture Agreement between Moss Resources Ltd. and Power Explorations Inc. is located 16 miles south-southwest of the town of Pickle Lake, in the Dempster-Pickle Lakes greenstone belt. The property is underlain by mafic to intermediate volcanic flows, felsic-to-mafic pyroclastics, sediments and iron formation. The volcano-sedimentary sequence has been compressed by two large plutonic bodies to the north and south. Gabbroic to dioritic and granitic dykes and sills occur throughout the volcanics and sediments. Shearing, faulting and folding interpreted from comprehensive geological, geophysical and geochemical data represent potentially gold-bearing structures.

A three phase exploration program is recommended for the property. The program would involve 9,660 feet of diamond drilling in Phase I. Phase II would involve additional surface work including an induced polarization survey over selected areas, followed by mapping and trenching to define additional structures and horizons with potential for gold mineralization. Phase III would consist of additional diamond drilling contingent upon the results of Phases I and II.

2.0 INTRODUCTION

The following report describes the results of a comprehensive exploration program consisting of geological mapping, prospecting and geochemical soil sampling on the Kasagiminnis Lake property in the Ochig Lake area. The property is located 16 miles south-southwest of the town of Pickle Lake (Fig. No. 1) in the Patricia Mining Division, District of Kenora, Northwestern Ontario.

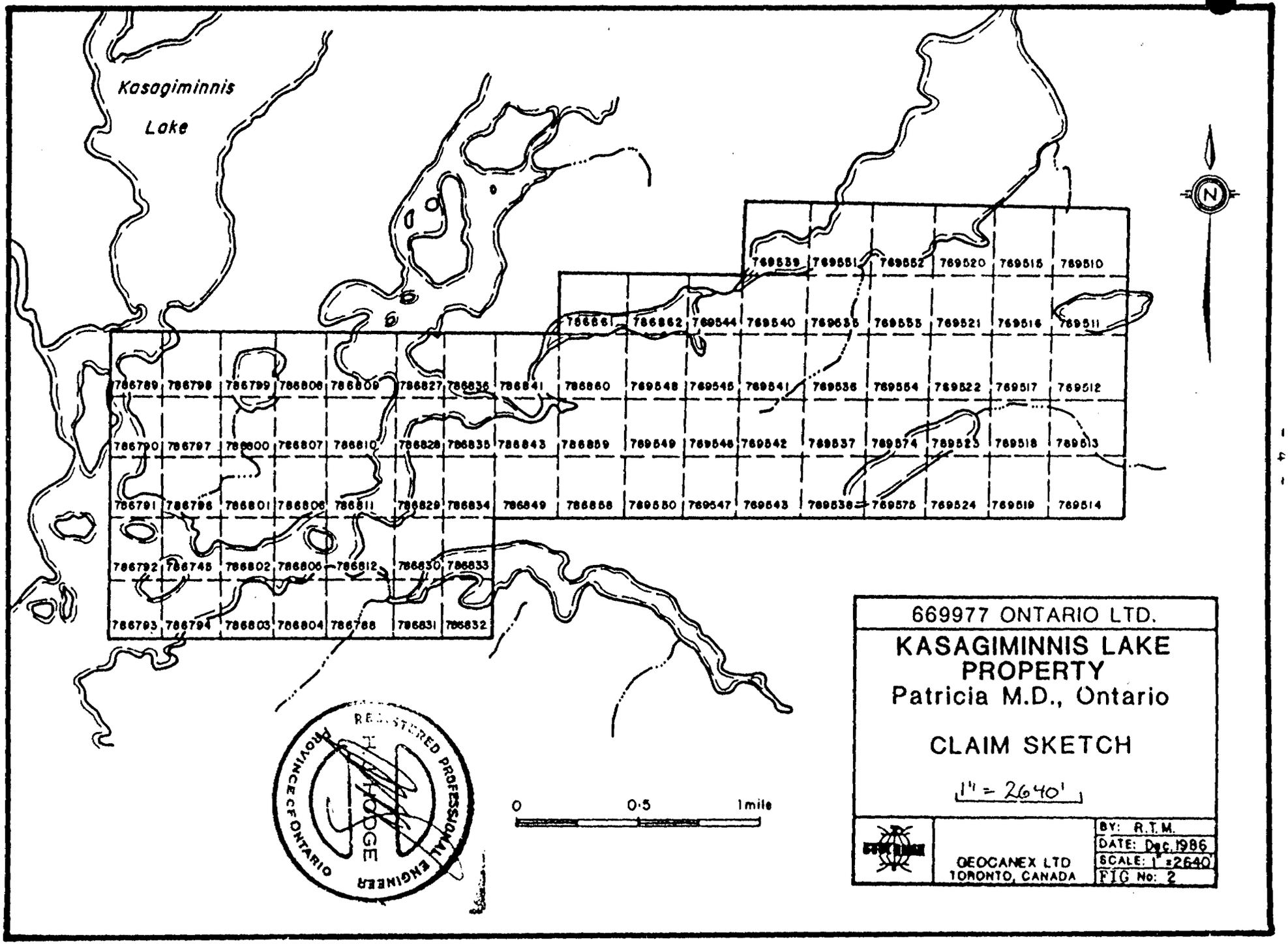
The present program was carried out by Geocanex Ltd. Concurrently, geophysical surveys including ground magnetics and VLF-EM were carried out.

The property consists of 80 contiguous mining claims. All work was done on a cut picket line grid. The grid has an east-west trending baseline with perpendicular lines cut at 400-foot intervals across the strike of the local stratigraphy. Several tie lines were cut to ensure control on long picket lines. Geological mapping and geophysical plotting were done at a scale of 1 inch = 200 feet.

The personnel involved in the program were:

Rob Higginson	Geologist, Party Chief	Oro Station, Ontario
Nelson Vaughan	Geologist	Willowdale, Ontario
Bryan Elliott	Geologist	Oshawa, Ontario
Steve Meissner	Field Assistant	Mississauga, Ontario

Geophysical anomalies were prospected and quartz veins and mineralized volcanics and sediments were sampled during the program.


Kasagiminnis
Lake
769539 769551 769552 769520 769515 769510
786861 786862 769544 769540 769535 769553 769521 769516 769511
786789 786798 786799 786808 786809 786827 786836 786841 786860 769548 769545 769541 769536 769554 769522 769517 769512
786790 786797 786800 786807 786810 786828 786835 786843 786859 769549 769546 769542 769537 769574 769523 769518 769513
786791 786796 786801 786806 786811 786829 786834 786849 786858 769550 769547 769543 769538 769575 769524 769519 769514
786792 786795 786802 786805 786812 786830 786833
786793 786794 786803 786804 786788 786831 786832
N
0 0·5 1 mile
669977 ONTARIO LTD.
KASAGIMINNIS LAKE PROPERTY
Patricia M.D., Ontario
CLAIM SKETCH
1" = 2640'
GEOCANEX LTD
TORONTO, CANADA
BY: R.T.M.
DATE: Dec. 1986
SCALE: 1" = 2640'
FIG No: 2
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO
R. T. HODGE

Humus geochemical sampling was performed over the entire grid, excluding only marshes and floating bogs. Grab samples were taken from mineralized volcanics, sediments, iron formation, intrusives and quartz veins. All sample descriptions and assays are included in this report.

The work was performed between July 13, 1986 and August 18, 1986. The time breakdown for the work performed is as follows:

	Man-Days
Mapping/Prospecting	Soil Sampling
48	74

The property is on strike with, and, six miles to the east of Lac Minerals' Hasaga property which has reported reserves of 200,000 tons of ore grading 0.19 ounces of gold per ton.

3.0 PROPERTY DESCRIPTION

The Kasagiminnis Lake property consists of 80 contiguous mining claims on the Ochig Lake area, Patricia Mining Division, Northwestern Ontario (Fig. No. 2). The claim numbers and recording dates are as follows:

Claim Numbers		Recording Date
Pa 786788 - 786812 inclusive	(25)	April 30, 1984
Pa 786827 - 786836 inclusive	(10)	April 30, 1984
Pa 786841	(1)	April 30, 1984
Pa 786843	(1)	April 30, 1984
Pa 786849	(1)	April 30, 1984
Pa 769510 - 769524 inclusive	(15)	April 30, 1984

769535 - 769554 inclusive	(20)	April 30, 1984
786858 - 786862 inclusive	(5)	April 30, 1984
769574 , 769575	(2)	April 30, 1984
Total	80	Claims

The claims are held under a Joint Venture Agreement between Moss Resources Ltd. and Power Explorations Inc., of 804-34 King Street East, Toronto, Ontario, M5C 1E5.

4.0 LOCATION, ACCESS AND SERVICES

The northern most boundary of the property is approximately 16 miles south-southwest of the town of Pickle Lake. The eastern boundary is approximately 3.5 miles west of Highway 599 at the northern boundary of the Osnaburgh Indian Reserve (No. 63B) and 4.5 miles northwest of the Indian settlement of New Osnaburgh.

The property can be reached by float plane from Pickle Lake or by canoe or skidoo from Highway 599 at the northern boundary of the Osnaburgh Indian Reserve.

Pickle Lake is a mining and transportation centre with a population of approximately 350. UMEX (Union Miniere) operates a 4,000 TPD copper-nickel mine and concentrator, seven miles northwest of Pickle Lake with 14,000,000 tons of ore grading 1.6% copper and 0.2% nickel. The mine is presently closed due to depressed base metal prices. Consequently, there is abundant vacant housing in town.

Pickle Lake is connected by paved Highway 599 to Savant Lake and the Canadian National transcontinental railway line, 90

miles to the south, and Ignace and Trans Canada Highway 17, 180 miles south. Electricity is supplied by a hydro line connecting Pickle Lake to Ear Falls generating station. Air, ground and water transportation for local use are readily available in town. Pickle Lake is also serviced by regular NorOntair flights from Thunder Bay.

5.0 PHYSIOGRAPHY AND VEGETATION

Outcrop exposure constitutes 7 to 10% of the property, which is extensively covered with glacial/fluvial material consisting primarily of sand and boulders. Eskers, drumlinoid ridges and sandhills cover most of the property. Vegetation on the overburden varies from open poplar to thick birch, spruce and alder forests. Low lying areas and submerged sand plains are poorly drained with muskeg, black spruce, or cedar and alder swamps.

A more detailed analysis of the surficial geology can be obtained from Paradis and Rampton, 1986., and the geology maps (map pocket).

6.0 PREVIOUS WORK

Little previous work has been done on the property. In the early 1970's, the property was covered by a regional airborne geophysicl survey for UMEX, who subsequently drilled two anomalies on the property. No assay results were reported.

In 1984, Moss Resources Ltd. staked the current claim group. An airborne VLF-EM and magnetics survey by Terraquest Ltd.

covered the property in 1985. In 1986, Moss Resources Ltd. signed a Joint Venture Agreement with Power Explorations Inc. Subsequently, Geocanex Ltd. were contracted to complete the present mapping and geophysical programs.

7.0 REGIONAL GEOLOGY AND ECONOMIC MINERALIZATION

The Pickle Lake area is located within the Uchi Subprovince, a part of the Superior Province of the Canadian Shield. the area is characterized by several arcuate, highly deformed and coalescing greenstone belts, consisting of predominantly mafic to intermediate volcanic flows, which have been intruded by numerous granitic to ultramafic intrusive bodies. The metamorphic grade ranges from greenschist-to-amphibolite facies. The volcanics host subordinate amounts of felsic-to-mafic pyroclastics, sediments and iron formation. Felsic quartz-feldspar porphyry dykes are commonly found in all lithologies.

Ultramafic rocks host copper-nickel mineralization at the Union Miniere (UMEX) Thierry Mine, seven miles northwest of Pickle Lake, with mined ore and mineral reserves totalling 14,000,000 tons, grading 1.6% copper and 0.2% nickel.

Historically, gold production in the Pickle Lake area has been from structurally controlled vein type deposits or sulphide replacement bodies spatially associated with, or contained within, bands of Algoman (chert-magnetic) iron formation.

The former producing Pickle Crow and Central Patricia mines operated from 1935 to 1966 and 1934 to 1951, respectively,

collectively producing 2,068,020 ounces of gold from 4,966,820 tons of ore for an average grade c 0.416 ounces gold per ton. Gold was recovered from quartz veins, vein networks, and sulphide replacement bodies which occupied shears, faults, fissures and fold axial plane fractures in highly deformed mafic volcanics and iron formation. Gold-bearing quartz veins were also mined within quartz-albite porphyry sills near the contact of mafic volcanics and iron formation.

Recently, two other potentially exploitable gold deposits have been discovered. Dome Mines' Dona Lake property has reported reserves of 1,500,000 tons grading 0.3 ounces gold per ton. Gold mineralization occurs as sulphide replacement bodies within a band of highly deformed oxide facies iron formation (Northern Miner Magazine, September, 1986).

St. Joe Canada's Golden Patricia property is reported to have an estimated 500,000 ounces of gold reserves with a grade of 0.58 ounces gold per ton. The gold mineralization occurs in a quartz vein at a contact between a mylonitized unit and sheared mafic volcanics in close proximity to banded iron formation (Northern Miner Magazine, September, 1986).

8.0 PROPERTY GEOLOGY

8.1 General Geology

The Kasagiminnis Lake property is located in the Dempster-Pickle Lakes greenstone belt which trends roughly east-west and joins the Pickle Lake belt to the east, and the Meen-Dempster Lakes belt to the west. The property is

underlain by a complex sequence of mafic-to-intermediate flows, mafic-to-felsic pyroclastics, sediments and possible iron formation. This sequence has been intruded by numerous small gabbroic bodies, granite pegmatite dykes and minor felsite dykes. The portion of the belt exposed on the property has been compressed between two granitic bodies, the Kasagiminnis Lake and Carling Granite Plutons on the north and south, respectively, resulting in a narrowing of the belt to approximately one mile in width. High angle faults, interpreted from geological and geophysical data, crosscut the volcano- sedimentary sequence and trend northeast-southwest and northwest-southeast. Pervasive shearing and small scale folding is probably related to a regional tectonic event.

8.2 Volcanics

The volcanic sequence is dominated by basaltic-to-andesitic flows and tuffs with subordinate amounts of felsic (rhyoltic to rhyodacitic) tuff, rare lapilli tuff and possible iron formation. The basaltic-to-andesitic volcanics are generally fine-grained, light to dark green and well foliated. Rhyolitic-to-rhyodacitic tuffs are fine-grained, foliated and vary in colour from grey to buff on fresh and weathered surfaces, respectively. The felsics are usually interbedded with the basaltic-to-andesitic tuffs and are frequently altered to quartz-sericite schists containing cherty horizons with variable amounts of arsenopyrite, iron sulphides and magnetite.

8.3 Sediments

A thick sequence of sediments is intermittently exposed over a width of approximately 1,600 feet in the central portion

of the property. The sediments have gradational to interfingering contacts with the volcanics to the north and west, as well as being interbedded with volcanics and granites in the contact zone of the Carling Granite to the south.

The sedimentary sequence consists of interbedded biotite ± garnet ± chlorite schist, probably representing alumina-rich mudstones, and quartz siltstone to sandstone. Minor magnetite-rich bands may occur as a result of breakdown of biotite or may possibly represent original lean, discontinuous bands of iron formation.

8.4 Iron Formation

Iron formation is exposed in three small outcrops in the western part of the property. Sulphide facies iron formation with 5 to 10% pyrite/pyrrhotite in cherty, chlorite schist is exposed at L21+00N, 88+80E. Narrow, sheared oxide facies iron formation is exposed in two outcrops. These exposures are a typical of iron formation in the Pickle Lake area. An exposure at L20+20N, 91+52E consists of 3 to 5% magnetite blebs in irregular chert and chlorite schist lenses. The other exposure at L24+40N, 111+10E consists of sediments (sandstone and mudstone) and cherty, felsic tuff with 3 to 5% magnetite in narrow biotite-garnet schist seams.

8.5 Intrusives

Several generations of felsic-to-mafic intrusives occur on the property. These intrusives range from the regional granitic plutons and associated marginal phases, to gabbroic/ dioritic sills which may be coeval wth the volcanics.

The two prominent granitic intrusive bodies on the property are the Kasagiminnis Lake and the Carling Granite Plutons which are exposed on the northeastern and southern portions of the property, respectively.

Extensive exposures of the Kasagiminnis granite indicate that it is a weakly foliated chloritic granite. Minor shearing and iron-enriched phases occur near the margins, along with diorite porphyry dykes, which probably formed due to the assimilation of minor amounts of mafic volcanics by the granite magma.

A felsic dyke exposed on the northwestern part of the property at 13+45N, 47+60W, may represent a late stage, marginal phase of the Kasagiminnis Lake Pluton. The dyke rock is zoned, probably due to shearing during emplacement, with graphic textured coarse-grained quartz-feldspar on the contacts and a fine to medium-grained, cream coloured, felsic core. The dyke contains minor amounts of lepidolite (lithium) mica and analyzed 1,386 ppb or approximately 0.04 ounces gold per ton.

The contact zone between the Carling Granite and the volcano-sedimentary sequence is well exposed over several hundred feet along (L4+00E and 18+00E) on the southern portion of the property. Volcanics, sediments and granite are discernable as separate bands in the distal portion of the contact zone, and become more gneissic with crude banding (mineral segregations) proximal to the pluton. To the south of the contact zone, the granite is medium-grained, orange-buff coloured and massive with 3 to 5% biotite. Numerous albite $\pm$ quartz $\pm$ orthoclase $\pm$ biotite pegmatite dykes crosscut the granite, sediments and volcanics, following a distinct north-northeasterly (20 to 35°) trending set of fractures.

Small to medium sized, gabbroic-to-dioritic sills occur throughout the volcano-sedimentary sequence. The sills have coarse-grained amphibole and biotite clots in a fine-grained, amphibole plus chlorite ± quartz ground mass with widely spaced, hematite stained, quartz veins infilling narrow shears and fractures. A large, well exposed, gabbroic-to-dioritic sill hosted in sediments and tuffs, crosses L4+00E and L8+00E at L17+00S to 18+00S, and is traceable for over 1,500 feet along strike. The sill is crosscut by a wide pegmatite dyke, indicating that the sill predates the fracturing and intrusion of the pegmatitic dyke rocks.

8.6 Metamorphism

Abundant garnet metacrysts in the sediments and amphibolization of mafic-to-intermediate volcanics indicates regional amphibolite facies metamorphism.

8.7 Structure

The rocks on the property have been stretched and sheared erasing most primary textures such as pillows and bedding. The stratigraphy strikes roughly east-west and foliations dip steeply to the north. Shear zones have a general north-northwest to northwest trend. A strong set of north-northeast (20 to 35°) trending fractures, infilled with pegmatitic dyke rocks, may be small scale representations of regional fault structures. Small scale folds are present in several locations and generally plunge steeply to the east.

9.0 GEOPHYSICAL SUMMARY

Interpretation of airborne geophysical data suggests that the east-west trending volcanic sequence on the property may represent the same stratigraphic horizon that hosts gold mineralization on the Ben Lake property of Power Explorations Inc. and the Hasaga property of Lac Minerals.

Ground geophysical data suggests that the stratigraphy has been crosscut by several northeast-southwest and northwest-southeast trending fault zones. These interpreted fault zones may have served as conduits for mineralizing fluids which have created sulphide-enriched and silicified zones, within magnetite-rich volcanics, sediments, or iron formation in close proximity to the faults.

A more detailed discussion of the geophysical technique and interpretation of the data is given by S. Medd, (1986).

10.0 GEOCHEMICAL SAMPLING

10.1 Soil Sampling

A humus sampling program was carried out over the Kasagiminnis Lake property with samples collected at 100-foot intervals along the north-south picket lines. Mull samples were taken in areas where it was not possible to obtain humus. Samples were collected with a grub hoe at depths ranging up to 24 inches, and placed in gussetted wet strength kraft sample bags. Soil sample cards were used to record sample type, depth, colour, relief, drainage, slope direction, sample composition, vegetation and contamination.

Samples were dried and sent to Bondar Clegg & Co. Ltd. of Ottawa, sieved to -10 mesh and analyzed for gold by fire assay - DC Plasma emission spectroscopy (1 ppb gold detection limit) for analysis. A total of 2,422 samples were submitted.

The results of the sampling program are shown on the Geochemical Soil Survey Map Sheets A, B, C and D (map pocket). Laboratory reports listing the analytical results are compiled in Appendix C. Frequency histograms and statistical determinations, including standard deviation, mean, median and kurtosis for both arithmetic and logarithmic distributions were prepared by Bondar Clegg for all 2,422 samples. This data is presented in Appendix D. Table No. 1 is a summary of the statistical analysis.

10.2 Lithogeochemcial Sampling

During the mapping and prospecting program on the property, grab samples were taken from mineralized volcanics, sediments, intrusives, quartz veins and iron formation. A total of 175 grab samples were taken and analyzed for gold. Also, one sample was analyzed for lithium and one for molybdenum.

All grab sample locations are plotted on the Geology Maps (map pocket) and all sample descriptions with assay results are listed in Appendices E and F.

11.0 DISCUSSION OF RESULTS

Several significantly elevated gold values were obtained from both rock and soil samples, indicating that several auriferous horizons are present on the property. These horizons are not necessarily coincident with highly magnetic or strong VLF-EM responses, however, all occur in close proximity to truncated or dislocated geophysical anomalies that are interpreted as folds and crosscutting faults in magnetite-rich volcanics, sediments or iron formation.

By compiling geochemical, geological and geophysical data, several potentially gold-bearing areas were defined having similar spatial associations to those discussed above. The target areas are listed below.

Target area[1] is interpreted as a northwest-southeast trending fault zone extending from approximately L52+00W, 26+00N to L28+00,13+00S and intersects five highly magnetic horizons, three of which have coincident VLF-EM responses. Grab sample No. 4567 from L47+40W,13+45N which returned 1,363 ppb gold in a felsic dyke, occurs in close proximity to the interpreted fault.

Target area 2 is interpreted as a north-northeast to south-southwest trending fault/shear zone which extends from L14+00W,18+00N to L22+00W,8+00S. This fault/shear zone intersects several magnetic units with or without VLF-EM responses. A series of seven grab samples taken near L12+00W, 18+00N turned values ranging from 135 to 1,508 ppb gold in folded quartz veins, which may have been deformed during the faulting and/or shearing event.

Target area 3 is interpreted as a northeast-southwest trending fault zone which extends from L28+00E,8+00N to L12+00E,18+00S. This fault zone interrupts several linear magnetic and VLF-EM responses. Interpreted folds adjacent to the fault may also provide structural traps for mineralizing fluids.

Target area 4 is a very broad area, with a complex network of faulting or shearing. The area is approximately bounded by L36+00E and L80+00E between BL0+00 and BL18+00N. The fault/shear zones trend approximately northeast-southwest and interrupt both VLF-EM and magnetics responses. A significant large scale soil geochemical anomaly almost parallels the western most fault zone from L48+00E,26+00N to L32+00E at the southern property boundary. Values as high as 573 ppb occur in close proximity to the fault zone. Grab sample No. 9618, (L36+05E,1+75N), a quartz vein in interbedded sediments and intermediate tuff, with 1,338 ppb gold, occurs in close proximity to the fault zone.

Target area 5 takes in the area from L80+00E to the eastern property boundary. This area has a relatively continuous magnetic horizon, which probably represents iron formation. The horizon trends east-west from L80+00E,18+00N to the eastern property boundary at approximately 30+00N and may be interrupted by interpreted faults. Depressed magnetic responses in close proximity to the faults are probably due to magnetite depletion. A continuous, moderate strength VLF-EM response crosscuts the main magnetic unit, and probably represents a shear zone. Two other moderate strength VLF-EM responses, are nearly parallel to the main magnetic unit to the north and south. These horizons may represent mineralized shears.

Target area 6 is a moderate strength VLF-EM response, striking east-west from L4+00E at approximately 22+00S, the axis of the response almost parallels the shoreline of Kasagiminnis Lake. Silicified and carbonatized, mafic-to-intermediate volcanics are exposed in a scarp along the shoreline and in several outcrops nearby. Grab samples No. 4522 at L27+80W,25+45S and No. 4527 at L24+50W,24+15S analyzed 10 and 38 ppb gold respectively. These analyses represent slightly elevated gold values and may be indicative of a gold-bearing shear zone located under the waters off Kasagiminnis Lake.

12.0 CONCLUSIONS

The Kasagiminnis Lake property lies in the Dempster-Pickle Lakes greenstone belt and is underlain by an east-west trending sequence of mafic-to-intermediate flows, mafic-to-felsic pyroclastics, sediments and possible iron formation. Geophysical data indicates that the property may be on the same stratigraphic horizon that hosts gold mineralization on the Hasaga property of Lac Minerals which lies six miles to the west. Compilation of available geophysical, geochemical and geological data suggests that several horizons with potential for gold mineralization occur on the property. Anomalous gold values obtained from rock and soil sampling indicate a possible association between gold mineralization and several geophysically indicated fault, shear and fold structures.

13.0 RECOMMENDATIONS

A three-phase exploration program is recommended for the property and would involve the following:

13.1 Phase I

A total of 9,660 feet of diamond drilling to test potentially gold-bearing structures and horizons indicated by the current geological, geochemical and geophysical surveys. Proposed collars for this phase are listed in Appendix G.

13.2 Phase II

Additional surface work including; induced polarization surveys, mapping, and trenching to delineate additional structures and horizons with potential for gold mineralization.

13.3 Phase III

Additional diamond drilling contingent upon the results of Phases I and II.

14.0 ESTIMATED COST OF RECOMMENDED EXPLORATION PROGRAM

14.1 Phase I

Diamond Drilling: 26 holes for a total of 9,660 feet at a rate of $35./ft.	$338,100.00
Contingency 20%	$ 67,620.00
Total Cost of Phase I	$405,720.00

52ϕ/085W - 0017

14.2 Phase II

Induced polarization surveys over selected VLF-EM axes to delineate possible disseminated sulphide zones; 7 miles at a rate of $1,200./ line mile, all inclusive.	$ 8,400.00
Surficial mapping, one geologist plus assistant for 10 days at a rate of $500./day, all inclusive	$ 5,000.00
Contingency 20%	2,680.00
Total Cost of Phase II	$ 16,080.00

14.3 Phase III

Diamond Drilling: Amount and costs to be contingent upon results of Phase I and II.

Respectfully submitted,

R.A. Higginson

Robert A.V. Higginson, B.Sc.
Geocanex Ltd.

15.0 REFERENCES

Barrie, Charles Q. Report on an Airborne Magnetic and VLF-EM Survey, Pickle Lake area, Sioux Lookout Mining Division, Ontario for Moss Resources, T-5025, Toronto, Ontario: Terraquest Ltd., Aug. 29, 1985, unpublished.

Medd, S., 1986. Report on Magnetic and VLF-EM Surveys on the Kasagiminnis Lake Property, District of Kenora, Patricia Mining Division, Northwestern Ontario, for 669977 Ontario Ltd.; unpublished report of Geocanex Ltd.

Ontario Geological Survey, 1986. Airborne Electromagnetic and Total Intensity Magnetic Survey, Pickle Lake Area, District of Thunder Bay, Ontario; by Geoterrex Ltd. for O.G.S. Geophysical/Geochemical Series Map. 80916 Scale 1:20,000.

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Paradis, S. and Rampton, V.N., 1986. Report on Surficial Geology and its relevance to Geochemical Exploration in the Pickle Lake - Meen Lake Area; Carp, Ontario. Terrain Analyses and Mapping Services Ltd., July, 1986, unpublished.

Pearson, W.N. and Woolham, R.W. Report on properties of Power Explorations Inc. Pickle Lake Area, Ontario. Ref. 86-27, Toronto, Ontario. Derry, Michener, Booth & Wahl, June 30, 1986, unpublished.

APPENDIX A

CERTIFICATE OF QUALIFICATIONS

CERTIFICATE OF QUALIFICATIONS

THIS IS TO CERTIFY THAT:

I am a resident of Oro Township, Ontario.

I am a graduate of the University of Waterloo, Waterloo, Ontario, with a degree in Bachelor of Science, Earth Science; major (Geology).

I have worked continuously as an exploration geologist since 1984, in gold exploration in Northwestern Ontario.

I supervised geological mapping and geochemical sampling programs on the Kasagiminnis Lake property, from July 13, 1986, to August 18, 1986.

The statements contained in this report, and conclusions reached, are based upon the study of all relevant assessment work records of the Ontario Geological Survey, and geological reports and maps published by the Ontario Ministry of Natural Resources.

In this report, I have disclosed all relevant descriptive and interpretive material, which is, to the best of my knowledge, necessary to gain a complete understanding of the viability of the project and the recommendations.

DATED THIS 30th DAY OF January, 1987

Robert A.V. Higginson, B.Sc.
Geologist

APPENDIX B

TECHNICAL DATA STATEMENT

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File _____

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

Type of Survey(s) GEOLOGICAL AND GEOCHEMICAL

Township or Area Little Ochig Lake

Claim Holder(s) Power Explorations Inc.
804 - 34 King Street East, Toronto, Ont.

Survey Company Geocanex Ltd.

Author of Report Robert A.V.Higginson

Address of Author R.R.#1 Oro Station, Ont.

Covering Dates of Survey July 13th, to August 18th, 1986
(linecutting to office)

Total Miles of Line Cut 52.3

SPECIAL PROVISIONS CREDITS REQUESTED		DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	Geophysical	
	--Electromagnetic	
	--Magnetometer	
	--Radiometric	
ENTER 20 days for each additional survey using same grid.	--Other	
	Geological	40
	Geochemical	40

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: Feb. 9/87 SIGNATURE: _____
Author of Report or Agent

Res. Geol. _____ Qualifications 2.9753

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

SEE ATTACHED SHEET
(prefix) (number)

If space insufficient, attach list

TOTAL CLAIMS 80

837 (85/12)

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken 77

Total Number of Samples 2422

Type of Sample Soil - Humus
(Nature of Material)

Average Sample Weight 1kg

Method of Collection Manual soil sampling

Soil Horizon Sampled A

Horizon Development Variable

Sample Depth Maximun 24 "

Terrain Variable

Drainage Development Variable

Estimated Range of Overburden Thickness
Maximum 30 Metres

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis -10 mesh

General

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☒

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

Others Gold only

Field Analysis (_____ tests)

Extraction Method

Analytical Method

Reagents Used

Field Laboratory Analysis

No. (_____ tests)

Extraction Method

Analytical Method

Reagents Used

Commercial Laboratory (2422 tests)

Name of Laboratory Bondar-Clegg

Extraction Method

Analytical Method

Reagents Used

General

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken 77

Total Number of Samples 175

Type of Sample Rock
(Nature of Material)

Average Sample Weight 2kg

Method of Collection Grab Sampling

Soil Horizon Sampled

Horizon Development

Sample Depth

Terrain

Drainage Development

Estimated Range of Overburden Thickness

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis -200 mesh

General

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☒

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

Others Gold + 1 Li + 1 Mo

Field Analysis (_____ tests)

Extraction Method

Analytical Method

Reagents Used

Field Laboratory Analysis

No. (_____ tests)

Extraction Method

Analytical Method

Reagents Used

Commercial Laboratory (175 tests)

Name of Laboratory Bondar - Clegg

Extraction Method

Analytical Method Fire Assay AA

Reagents Used

General

POWER EXPLORATIONS INC.

KASAGIMINNIS LAKE PROPERTY

LIST OF CLAIMS

Pa 769510
769511
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769514
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Pa 786836

Pa 786841

Pa 786843

Pa 786849

Pa 786858
786859
786860
786861
786862

TOTAL 80 claims

APPENDIX C

SOIL SAMPLE ANALYTICAL CERTIFICATES

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-2631

PROJECT: [illegible] L PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L 4E 26N		2	L 12E 16N L12E 16N		4
L 4E 25N		6	L 16E 30N L16E 30N		3
L 4E 24N		3	L 16E 29N L16E 29N		4
L 4E 23N		3	L 16E 28N L16E 28N		4
L 4E 22N		4	L 16E 27N L16E 27N		5
L 4E 21N		4	L 16E 26N L16E 26N		2
L 4E 20N		2	L 16E 25N L16E 25N		3
L 4E 19N		1	L 16E 24N L16E 24N		4
L 8E 32N		1	L 16E 23N L16E 23N		2
L 8E 31N		2	L 16E 22N L16E 22N		2
L 8E 30N		2	L 16E 21N L16E 21N		2
L 8E 29N		1	L 16E 20N L16E 20N		1
L 8E 28N		1	L 16E 19N L16E 19N		1
L 8E 27N		1	L 16E 18N L16E 18N		2
L 8E 26N		1	L 16E 17N L16E 17N		2
L 8E 25N		<1	L 20E 32N L20E 32N		3
L 8E 24N		2	L 20E 31N L20E 31N		3
L 8E 23N		1	L 20E 30N L20E 30N		<1
L 8E 22N		<1	L 20E 29N L20E 29N		1
L 8E 21N		<1	L 20E 28N L20E 28N		2
L 8E 20N		<1	L 20E 27N L20E 27N		1
L 8E 19N		2	L 20E 26N L20E 26N		<1
L 8E 18N		5	L 20E 25N L20E 25N		2
L 8E 17N		12	L 20E 24N L20E 24N		1
L 8E 16N		4	L 20E 23N L20E 23N		2
L 12E 31N		4	L 20E 22N L20E 22N		4
L 12E 30N		4	L 20E 21N L20E 21N		2
L 12E 29N		5	L 20E 20N L20E 20N		3
L 12E 28N		2	L 20E 19N L20E 19N		1
L 12E 27N		4	L 20E 18N L20E 18N		2
L 12E 26N		4	L 20E 17N L20E 17N		2
L 12E 25N		4	L 20E 16N L20E 16N		2
L 12E 24N		1	L 20E 15N L20E 15N		1
L 12E 23N		1	L 20E 14N L20E 14N		1
L 12E 22N		1	L24E 31460N L24E 31460N		1
L 12E 21N		1	L24E 31N L24E 31N		13
L 12E 20N		1	L24E 30N L24E 30N		2
L 12E 19N		4	L24E 29N L24E 29N		1
L 12E 18N			L24E 28N L24E 28N		1
L 12E 17N		1	L24E 27N L24E 27N		2

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Geochemical Lab Report

REPORT: 016-2631

PROJECT: KASAGAMMINGS L [illegible] GRID

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L 24E 26N		1	L 36E 32N L36E 32N		2 2
L 24E 25N		3	L 36E 31N L36E 31N		2 2
L 24E 24N		1	L 36E 30N L36E 30N		3 3
L 24E 23N		3	L 48E 38N L48E 38N		4 4
L 24E 22N		1	L 48E 37N L48E 37N		3 3
L 24E 21N		<1	L 48E 36N L48E 36N		5 6
L 24E 20N		1	L 48E 35N L48E 35N		2 2
L 24E 19N		1	L 48E 34N L48E 34N		3 3
L 24E 18N		3	L 48E 33N L48E 33N		3 2
L 24E 17N		2	L 48E 32N L48E 32N		6 5
L 24E 16N		2	L 48E 31N L48E 31N		1 1
L 24E 15N		2	L 48E 30N L48E 30N		3 2
L 24E 14N		2	L 52E 30+05N L52E 30+05N		4 4
L 24E 13N		2	L 52E 38N L52E 38N		3 2
L 24E 12N		1	L 52E 37N L52E 37N		1 1
L 28E 30N		3	L 52E 36N L52E 36N		3 3
L 28E 29N		2	L 52E 35N L52E 35N		2 2
L 28E 28N		1	L 52E 34N L52E 34N		1 2
L 28E 27N		1	L 52E 33N L52E 33N		4 4
L 28E 26N		2	L 52E 32N L52E 32N		4 4
L 28E 25N		1	L 52E 31N L52E 31N		3
L 28E 24N		1	L 56E 38N L56E 38N		2
L 28E 23N		2	L 56E 37N L56E 37N		2 2
L 28E 22N		1	L 56E 36N L56E 36N		3 3
L 32E 36N		1	L 56E 35N L56E 35N		4 4
L 32E 37N		2	L 56E 34N L56E 34N		1
L 32E 36N		3	L 56E 33N L56E 33N		1 1
L 32E 35N		1	L 56E 32N L56E 32N		1 1
L 32E 34N		2	L 56E 31N L56E 31N		3
L 32E 33N		2	L 60E 38N L60E 38N		1
L 32E 32N		3	L 60E 37N L60E 37N		1
L 32E 31N		4	L 60E 36N L60E 36N		1
L 32E 30N		1	L 60E 35N L60E 35N		2
L 32E 29N		1	L 60E 34N L60E 34N		2
L 32E 28N		1	L 64E 38N L64E 38N		1 <1
L 36E 37N		1	L 64E 37N L64E 37N		2
L 36E 36N		<1	L 64E 36N L64E 36N		<1
L 36E 35N			L 64E 35N L64E 35N		<1
L 36E 34N		<1	L 66E 39N L66E 39N		2 2
L 36E 33N		3	L 68E 37N L68E 37N		4 4

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Geochemical Lab Report

REPORT: 016-2631

PROJECT: WASAGHMINIS L PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L 68E 36N		2			
L 68E 35N		1			
L 68E 34N		2			
L 72E 39N		1			
L 72E 38N		4			
L 72E 37N		3			
L 72E 36N		3			
L 72E 35N		4			
L 72E 34N		2			

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Geochemical Lab Report

REPORT: 016-2686 | PROJECT: KASAGIMINIS L | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L48W7S		1531		L8E34S		<1	
L48W8S		4		L8E35S		<1	
L48W9S		3		L8E36S		1	
L48W10S		1		L8E37S		1	
L48W11S		1		L4W14S		5	
L48W12S		3		L4W15S		3	
L48W13S		2		L4W16S		3	
L16E30S		1		L4W17S		6	
L16E31S		<1		L4W18S		3	
L16E32S		<1		L4W19S		2	
L16E33S		1		L4W20S		2	
L16E34S		1		L4W21S		8	
L16E35S		<2	5.00	L4W22S		3	
L16E36S		<1		L4W23S		2	
L16E37S		1		L4W24S		6	
L12E32S		<1		L4W25S		1	
L12E33S		3		L4W26S		1	
L12E34S		1		L4W27S		11	
L12E35S		<1	5.00	L4W28S		1	
L12E36S		1		L4W29S		2	
L12E37S		<2	5.00	L4E1S		1	
L8W14S		<1		L4E2S		2	
L8W15S		3		L4E3S		1	
L8W16S		1		L4E4S		<1	
L8W17S		<1		L4E5S		<1	
L8W18S		<1		L4E6S		<1	
L8W19S		2		L4E7S		2	
L8W20S		<1		L4E8S		<1	
L8W21S		<1		L4E9S		<1	
L8W22S		1		L4E10S		<1	
L8E 25+35S		3		L4E11S		<1	
L8E 26S		1		L4E12S		<1	
L8E 27S		1		L4E13S		<2	6.00
L8E 28S		1		L4E14S		<2	8.75
L8E 28BS		3		L4E15S		<1	
L8E29S		<1		L4E16S		<2	8.00
L8E30S		1		L4E17S		1	
L8E31S		<1		L4E18S		<1	
L8E32S		1		L4E19S		1	
L8E33S		3		L4E20S		3	

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-2686

PROJECT: KASAGINNINIS L PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L4E21S		<1					
L4E 23S		<2	6.00				
L4E 23+70S		<1					
L4E27S		<1					
L4E28S		1					
L4E29S		1					
L4E30S		<1					
L4E31S		1					
L4E34S		2					
L4E35S		1					
L4E36S		2					
L4E37S		7					
L32S		4					
L33S		2					
L34S		4					
L35S		2					
L36S		1					
L37S		6					
L031		3					
L031 (B)		2					

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Geochemical Lab Report

REPORT: 116-2586 116-2696

PROJECT: [illegible] PAGE 1
KASAGINNIS Inc.

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
[illegible] 78 L48N 79		1 1/

10

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Geochemical Lab Report

REPORT: 016-2713

PROJECT: [illegible]

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L60W-24+75N		<1 <1	L52W-16N	L52W -16N	2
L60W-24N		3 3	L52W-15N	L52W -15N	1 1
L60W-23N		5 5	L52W-14N	L52W -14N	2
L60W-22N		2 2	L52W-13N	L52W -13N	1 1
L60W-21N		2 2	L52W-12N	L52W -12N	5
L60W-20N		3 3	L52W-11N	L52W -11N	5
L60W-19N		6 6	L52W-10N	L52W -10N	5
L60W-18N		4 4	L52W-9N	L52W -9N	<1 <1
L60W-17N		2 2	L52W-8N	L52W -8N	1
L60W-16N		3 3	L52W-7N	L52W -7N	2
L60W-15N		3 3	L52W-6N	L52W -6N	2
L60W-14N		7 7	L52W-5N	L52W -5N	1
L60W-13N		3 3	L52W-4N	L52W -4N	
L60W-12N		3 2	L52W-3N	L52W -3N	1
L60W-11N		3 3	L52W-2N	L52W -2N	4
L60W-10N		2 2	L52W-1N	L52W -1N	1
L60W-9N		3 3	L52W-0	L52W -0	2
L60W-8N		3 3	L52W-1S	L52W -1S	2
L60W-7N		4 4	L52W-2S	L52W -2S	6
L60W-6N		7 7	L52W-3S	L52W -3S	3
L60W-5N		5 5	L52W-4S	L52W -4S	2
L60W-4N		3 3	L52W-5S	L52W -5S	1
L60W-3N		3 3	L52W-6S	L52W -6S	<1
L60W-2N		3 3	L52W-7S	L52W -7S	1
L60W-1N		3 3	L52W-8S	L52W -8S	2
L60W-0		2 2	L52W-9S	L52W -9S	1
L60W-1S		1 1	L48W-29+60N	L48W-29+60N	7
L60W-2S		1 1	L48W-29N	L48W -29N	5
L60W-3S		2 2	L48W-28N	L48W -28N	6
L60W-4S		1 .	L48W-27N	L48W -27N	5
L52W-36N		3 3	L48W-26N	L48W -26N	4
L52W-35N		2 2	L48W-25N	L48W -25N	12
L52W-34N		1 1	L48W-24N	L48W -24N	4
L52W-33N		1 1	L48W-23N	L48W -23N	5
L52W-32N		1 2	L48W-22N	L48W -22N	
L52W-31N		1 <1	L48W-21N	L48W -21N	3
L52W-30N		<1 <1	L48W-20N	L48W -20N	4
L52W-29N		1 1	L48W-19N	L48W -19N	2
L52W-28N		1 1	L48W-18N	L48W -18N	1
L52W-27N		1 3	L48W-17N	L48W -17N	9

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Geochemical Lab Report

REPORT: 016-2713 (

PROJECT: KAGAMINNIE L PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L48W-16N		2	L36W-30S	L36W -30S	2
L48W-15N		4	L36W-31S	L36W -31S	<1
L48W-14N		4	L36W-32S	L36W	7
L48W-13N		1	L36W-33S	L36W	18
L48W-12N		4	L36W-34S	L36W	5
L48W-11N		3	L36W-35S	L36W	<1
L48W-10N		5	L36W-36S	L36W	<1
L48W-9N		30	L36W-37S	L36W	<1
L48W-8N		4	L32W-28S	L32W	<1
L48W-7N		5	L32W-29S	L32W	1
L48W-6N		4	L32W-30S	L32W	36
L48W-5N		7	L32W-31S	L32W	14
L48W-4N		3	L32W-32S	L32W	4
L48W-3N		4	L32W-33S	L32W	3
L48W-2N		3	L32W-34S	L32W	<1
L48W-1N		3	L32W-35S	L32W	8
L48W-0		<1	L32W-36S	L32W	3
L44W-31+35S		<1	L32W-37S	L32W	2
L44W-32S		4	L28W-24S	L28W	3
L44W-33S		3	L28W-25S	L28W	1
L44W-34S		3	L28W-26S	L28W	1
L44W-35S		5	L28W-27S	L28W	4
L44W-36S		9	L28W-28S	L28W	1
L44W-37S		5	L28W-29S	L28W	2
L42W-4N		2	L28W-30S	L28W	2
L40W-28S		1	L28W-31S	L28W	1
L40W-29S		1	L28W-32S	L28W	4
L40W-30S		4	L28W-33S	L28W	1
L40W-31S		10	L28W-34S	L28W	1
L40W-32S		6	L28W-35S	L28W	1
L40W-33S		5	L28W-36S	L28W	1
L40W-34S		3	L28W-37S	L28W	3
L40W-35S		4	L24W-34S	L24W	2
L40W-36S		2	L24W-35S	L24W	2
L40W-37S		3	L24W-36S	L24W	7
L36W-28S		7	L24W-37S	L24W	4
L36W-29S		7	L24W-38S	L24W	5
L36W-27S		1	L24W-39S	L24W	17
L36W-28S		15	L24W-40S	L24W	2
L36W-29S		4	L24W-41S	L24W	2

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Geochemical Lab Report

REPORT: 016-2713

PROJECT: NAPOLEON CLAIMS [illegible] PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB		SAMPLE NUMBER	ELEMENT UNITS	Au PPB	
L24W-32S	L24W-32S	2	2	L12W-26S	L12W-26S	7	7
L24W-33S	L24W-33S	1	1	L12W-27S	L12W-27S	3	3
L24W-34S	L24W-34S	1	1	L12W-28S	L12W-28S	5	5
L24W-35S	L24W-35S	5	5	L12W-29S	L12W-29S	1	1
L24W-36S	L24W-36S	2	2	L12W-30S	L12W-30S	19	19
L24W-37S	L24W-37S	2	2	L12W-31S	L12W-31S	1	1
L20W-22S	L20W-22S	4	4	L12W-32S	L12W-32S	12	12
L20W-23S	L20W-23S	2	2	L12W-33S	L12W-33S	3	3
L20W-24S	L20W-24S	2	2	L12W-34S	L12W-34S	4	4
L20W-25S	L20W-25S	1	1	L12W-35S	L12W-35S	<1	<1
L20W-26S	L20W-26S	3	3	L12W-36S	L12W-36S	2	2
L20W-27S	L20W-27S	2	2	L12W-37S	L12W-37S	11	11
L20W-28S	L20W-28S	1	1	L8W-25S	L8W-25S	18	18
L20W-29S	L20W-29S	2	2	L8W-26S	L8W-26S	100	100
L20W-30S	L20W-30S	<1	<1	L8W-27S	L8W-27S	4	4
L20W-31S	L20W-31S	1	1	L8W-28S	L8W-28S	15	15
L20W-32S	L20W-32S	6	6	L8W-29S	L8W-29S	11	11
L20W-33S	L20W-33S	4	4	L8W-30S	L8W-30S	6	6
L20W-34S	L20W-34S	3	3	L8W-31S	L8W-31S	<1	<1
L20W-35S	L20W-35S	2	2	L8W-32S	L8W-32S	6	6
L20W-36S	L20W-36S	3	3	L8W-33S	L8W-33S	7	7
L20W-37S	L20W-37S	3	3	L8W-34S	L8W-34S	3	3
L16W-23S	L16W-23S	3	3	L8W-35S	L8W-35S	4	4
L16W-24S	L16W-24S	3	3	L8W-36S	L8W-36S	282	282
L16W-25S	L16W-25S	2	2	L8W-37S	L8W-37S	6	6
L16W-26S	L16W-26S	2	2	L4W-30+10S	L4W-30+10S	2	2
L16W-27S	L16W-27S	3	3	L4W-31S	L4W 31S	4	4
L16W-28S	L16W-28S	3	3	L4W-32S	L4W 32S	2	2
L16W-29S	L16W-29S	1	1	L4W-33S	L4W 33S	1	1
L16W-30S	L16W-30S	1	2	L4W-34S	L4W 34S	<1	<1
L16W-31S	L16W-31S	1	1	L4W-35S	L4W-35S	2	2
L16W-32S	L16W-32S	1	1	L4W-36S	L4W-36S	6	6
L16W-33S	L16W-33S	3	3	L4W-37S	L4W-37S	3	3
L16W-34S	L16W-34S	4	4	L8E-0	L8E-0	2	2
L16W-35S	L16W-35S	5	5	L8E-1S	L8E-1S	3	3
L16W-36S	L16W-36S	2	2	L8E-2S	L8E-2S	3	3
L16W-37S	L16W-37S	2	1	L8E-3S	L8E-3S	8	8
L12W-23S	L12W-23S	2	2	L8E-4S	L8E-4S	8	8
L12W-24S	L12W-24S	20	23	L8E-5S	L8E-5S	6	6
L12W-25S	L12W-25S	12	15	L8E-6S	L8E-6S	4	4

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Geochemical Lab Report

REPORT: 016-2713

PROJECT: WASAGIMMINIS L [illegible]

SAMPLE NUMBER	ELEMENT UNITS	Au PPB		SAMPLE NUMBER	ELEMENT UNITS	Au PPB	
L8E-7S	L8E-7S	6	6	L72E-20N	L72E-20N	1	1
L8E-8S	L8E-8S	6	6	L72E-19N	L72E-19N	1	1
L8E-9S	L8E-9S	3	3	L72E-18N	L72E-18N	1	1
L8E-10S	L8E-10S	2	2	L76E-52N	L76E-52N	4	4
L8E-11S	L8E-11S	<1	<1	L76E-51N	L76E-51N	2	2
L8E-12S	L8E-12S	2	2	L76E-50N	L76E-50N	1	1
L8E-13S	L8E-13S	1	1	L76E-49N	L76E-49N	1	1
L8E-14S	L8E-14S	2	2	L76E-48N	L76E-48N	<1	<1
L8E-15S	L8E-15S	2	2	L76E-47N	L76E-47N	1	1
L8E-16S	L8E-16S	2	2	L76E-46N	L76E-46N	<1	<1
L8E-17S	L8E-17S	1	1	L76E-45N	L76E-45N	1	1
L8E-18S	L8E-18S	1	1	L76E-44N	L76E-44N	<1	<1
L8E-19S	L8E-19S	<2	<2	L76E-43N	L76E-43N	1	1
L68E-32N	L68E-32N	3	3	L76E-42N	L76E-42N	1	1
L68E-31N	L68E-31N	1	1	L76E-41N	L76E-41N	1	1
L68E-30N	L68E-30N	2	2	L76E-40N	L76E-40N	1	1
L68E-29N	L68E-29N	1	1	L76E-39+20N	L76E-39+20N	2	2
L68E-28N	L68E-29N	2	2	L80E-52N	L80E-52N	1	1
L68E-27N	L68E-27N	<1	<1	L80E-51N	L80E-51N	<1	<1
L68E-26N	L68E-26N	2	2	L80E-50N	L80E-50N	1	1
L68E-25N	L68E-25N	1	1	L80E-49N	L80E-49N	1	1
L68E-24N	L68E-24N	1	1	L80E-48N	L80E-48N	<1	<1
L68E-23N	L68E-23N	<1	<1	L80E-47N	L80E-47N	<1	<1
L68E-22N	L68E-22N	<1	<1	L80E-46N	L80E-46N	4	4
L68E-21N	L68E-21N	3	3	L80E-45N	L80E-45N	1	1
L68E-20N	L68E-20N	4	4	L80E-44+15N	L80E-44+15N	2	2
L68E-19N	L68E-19N	3	3	L84E-55+60N	L84E-55+60N	1	1
L68E-18N	L68E-18N	1	1	L84E-55N	L84E-55N	1	1
L72E-32N	L72E-32N	2	2	L84E-53N	L84E-53N	3	3
L72E-31N	L72E-31N	1	1	L84E-52N	L84E-52N	<1	<1
L72E-30N	L72E-30N	1	1	L84E-51N	L84E-51N	1	1
L72E-29N	L72E-29N	<1	<1	L84E-50N	L84E-50N	1	1
L72E-28N	L72E-28N	2	2	L84E-49N	L84E-49N	5	5
L72E-27N	L72E-27N	1	1	L84E-48N	L84E-48N	<1	<1
L72E-26N	L72E-26N	1	1	L84E-47N	L84E-47N	2	2
L72E-25N	L72E-25N	2	2	L84E-46N	L84E-46N	1	1
L72E-24N	L72E-24N	2	2	L88E-56+80N	L88E-56+80N	7	7
L72E-23N	L72E-23N	1	1	L88E-56N	L88E-56N	9	9
L72E-22N	L72E-22N	2	2	L88E-55N	L88E-55N	2	2
L72E-21N	L72E-21N	1	1	L88E-54N	L88E-54N	2	2

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-2713

PROJECT: KASHWAKTUKUK LAKE FILE #

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
L88E-53N		5
L88E-52N		3
L88E-51N		2
L88E-50N		2
L88E-49N		3
L88E-48N		1
L88E-47N		2
L88E-46N		2
L88E-45N		2
L88E-44N		1
L88E-43+25N		<1
L92E-57+70N		<1
L92E-57N		<1
L92E-56N		6
L92E-55N		32
L92E-54N		<1
L92E-53N		1
L92E-52N		2
L92E-51N		<1
L92E-50N		<1
L92E-49N		1
L92E-48N		1
L92E-47N		2
L92E-46+15N		<1

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Geochemical Lab Report

REPORT: 016-2674

PROJECT: KASHECHEWAN [illegible]

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au	Testat	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au	Testat
L36W 27N	L36W 27N	9	8	10.00	L32W10S	L32W10S	1	[illegible]	10.00
L36W 26N	L36W 26N	3	3	10.00	L32W11S	L32W11S	1	[illegible]	10.00
L36W 25N	L36W 25N	2	2	10.00	L32W12S	L32W12S	2	[illegible]	10.00
L36W 12N	L36W 12N	5	6	5.00	L32W13S	L32W13S	1	[illegible]	10.00
L36W 11N	L36W 11N	<1	<1	10.00	L32W14S	L32W14S	5	6	10.00
L36W 10N	L36W 10N	<1	<1	10.00	L32W 14+75S	L32W 14+75S	2	2	10.00
L36W 9N	L36W 9N	1	1	10.00	L28W 26N	L28W 26N	2	2	10.00
L36W 8N	L36W 8N	1	1	10.00	L28W 21N	L28W 21N	1	[illegible]	10.00
L36W 7N	L36W 7N	<1	<1	10.00	L28W 20N	L28W 20N	<1	<1	10.00
L36W 6N	L36W 6N	<1	<1	10.00	L28W 19N	L28W 19N	<1	<1	10.00
L36W 5N	L36W 5N	<1	<1	10.00	L28W 18N	L28W18N	1	2	10.00
L36W 4N	L36W 4N	<1	<1	10.00	L28W 17N	L28W17N	<1	<1	10.00
L36W 3N	L36W 3N	2	2	10.00	L28W 16N	L28W16N	<2	<2	5.00
L36W 2N	L36W 2N	3	2	10.00	L28W 15N	L28W15N	<1	<1	10.00
L36W 1N	L36W 1N	<1	<1	10.00	L28W 14N	L28W14N	<1	<1	10.00
L32W 27N	L32W 27N	2	2	10.00	L28W 13N	L28W 13N	<1	<1	10.00
L32W 26N	L32W 26N	1	1	10.00	L28W 12N	L28W 12N	<1	<1	10.00
L32W 12+90N	L32W 12+90N	1	1	10.00	L28W 11N	L28W 11N	1	<1	10.00
L32W 12N	L32W 12N	<1	<1	10.00	L28W 10N	L28W 10N	1	<1	10.00
L32W 11N	L32W 11N	1	1	10.00	L28W 9N	L28W 9N	1	<1	10.00
L32W 10N	L32W 10N	<1	<1	10.00	L28W 8N	L28W 8N	1	<1	10.00
L32W 9N	L32W 9N	<1	<1	10.00	L28W 7N	L28W 7N	1	1	10.00
L32W 8N	L32W 8N	8	8	10.00	L28W 6N	L28W 6N	1	2	10.00
L32W 7N	L32W 7N	7	7	10.00	L28W 5N	L28W 5N	1	1	10.00
L32W 6N	L32W 6N	4	4	10.00	L28W 4N	L28W 4N	1	6	10.00
L32W 5N	L32W 5N	5	5	10.00	L28W 3N	L28W 3N	1	1	10.00
L32W 4N(A)	L32W 4N(A)	2	2	10.00	L28W 2N	L28W 2N	1	3	10.00
L32W 4N(B)	L32W 4N(B)	2	2	10.00	L28W 1N	L28W 1N	1	4	10.00
L32W 3N	L32W 3N	4	4	[illegible]	L28W BLO	L28W BLO	1	4	10.00
L32W 2N	L32W 2N	3	3	10.00	[illegible]	L28W1S	[illegible]	5	10.00
L32W 1N	L32W 1N	17	17	[illegible]	[illegible]	L28W2S	[illegible]	3	10.00
L32W BLO	L32W BLO	4	4	10.00	[illegible]	L28W3S	[illegible]	4	10.00
L32W1S	L32W1S	3	3	10.00	[illegible]	L28W4S	[illegible]	3	10.00
L32W2S	L32W2S	3	3	[illegible]	[illegible]	L28W5S	[illegible]	2	10.00
L32W3S	L32W3S	1	1	[illegible]	[illegible]	L28W6S	[illegible]	2	10.00
L32W5S	L32W5S	[illegible]	2	[illegible]	[illegible]	L28W7S	[illegible]	4	10.00
L32W6S	L32W6S	[illegible]	2	[illegible]	[illegible]	L28W8S	[illegible]	2	10.00
L32W7S	L32W7S	[illegible]	2	10.00	[illegible]	L28W9S	[illegible]	2	10.00
L32W8S	L32W8S	[illegible]	<1	10.00	[illegible]	L28W10S	[illegible]	1	10.00
L32W9S	L32W9S	[illegible]	3	[illegible]	[illegible]	L28W11S	[illegible]	2	10.00

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Geochemical Lab Report

REPORT: 016-2674

PROJECT: [illegible] FILE: 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Pastan %	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Pastan %
L28W12S L28W12S		<1	<1 10.00	L16E 2N L16E 2N		3	3 10.00
L16W 17S L16W 17S		<1	<1 10.00	L16E 1N L16E 1N		1	<1 10.00
L16W 8N L16W 8N				L16E BLO L16E BLO		1	1 10.00
L16W 7N L16W 7N				L16E1S L16E1S		1	1 10.00
L16W 6N L16W 6N				L16E2S L16E2S		3	3 10.00
L16W 5N L16W 5N				L16E3S L16E3S		<1	<1 10.00
L16W 4N L16W 4N				L16E4S L16E4S		<1	<1 10.00
L16W 3N L16W 3N				L16E5S L16E5S		<1	<1 10.00
L16W 2N L16W 2N				L16E6S L16E6S		1	1 10.00
L16W 1N L16W 1N				L16E7S L16E7S		1	1 10.00
L16W BLO L16W BLO				L16E8S L16E8S		<1	<1 10.00
L4E 8N L4E 8N		3	3 10.00	L16E9S L16E9S		5	5 10.00
L4E 7N L4E 7N		1	1 10.00	L16E10S L16E10S		8	8 10.00
L4E 6N L4E 6N		1	1 10.00	L16E11S L16E11S		3	3 10.00
L4E 5N L4E 5N		1	1 10.00	L16E12S L16E12S		3	3 10.00
L4E 4N L4E 4N		3	3 10.00	L16E14S L16E14S		4	4 10.00
L4E 3N L4E 3N		1	1 10.00	L16E15S L16E15S		5	5 10.00
L4E 2N L4E 2N		1	1 10.00	L16E16S L16E16S		4	4 10.00
L4E 1N L4E 1N		2	2 10.00	L16E18S L16E18S		2	2 10.00
L8E 8N L8E 8N		1	1 10.00	L20E 8N L20E 8N		5	5 10.00
L8E 7N L8E 7N		<1	<1 10.00	L20E 7N L20E 7N		3	3 10.00
L8E 6N L8E 6N		<1	<1 10.00	L20E 6N L20E 6N		4	4 10.00
L8E 5N L8E 5N		2	2 10.00	L20E 5N L20E 5N		4	4 10.00
L8E 4N L8E 4N		1	1 10.00	L20E 4N L20E 4N		2	2 10.00
L8E 3N L8E 3N		<1	<1 10.00	L20E 3N L20E 3N		1	1 10.00
L8E 2N L8E 2N		<1	<1 10.00	L20E 2N L20E 2N		2	2 10.00
L8E 1N L8E 1N		6	6 10.00	L20E 1N L20E 1N		2	2 10.00
L12E 7N L12E 7N		1	1 10.00	L20E 0N L20E 0N		1	1 10.00
L12E 6N L12E 6N		1	1 10.00	L20E BLO L20E BLO		1	1 10.00
L12E 5N L12E 5N		1	1 10.00	L20E1S L20E1S		1	1 10.00
L12E 4N L12E 4N		7	7 10.00	L20E2S L20E2S		1	1 10.00
L12E 3N L12E 3N		2	2 10.00	L20E3S L20E3S		2	2 10.00
L12E 2N L12E 2N		1	1 10.00	L20E4S L20E4S		2	2 10.00
L12E 1N L12E 1N		<1	<1 10.00	L20E5S L20E5S		<1	<1 10.00
L12E 13S L12E 13S		<1	<1 10.00	L20E6S L20E6S		8	8 10.00
L16E 7N L16E 7N		1	1 10.00	L20E7S L20E7S		2	2 10.00
L16E 6N L16E 6N		<1	<1 10.00	L20E8S L20E8S		<1	<1 10.00
L16E 5N L16E 5N		<1	<1 10.00	L20E9S L20E9S		<1	<1 10.00
L16E 4N L16E 4N		1	1 10.00	L20E 10S L20E 10S		2	2 10.00
L16E 3N L16E 3N		1	1 10.00	L20E1060S L20E1060S		2	2 10.00

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Geochemical Lab Report

REPORT: 016-2874

PROJECT: KASAGIMINNIS L PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Test Wt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Test Wt gm
L24E 8N		<1	10.00				
L24E 7N		<1	10.00				
L24E 6N		<1	10.00				
L24E 5N		<1	10.00				
L24E 4N		2	10.00				
L24E 3N		<1	10.00				
L24E 2N		3	10.00				
L24E 1N		2	10.00				
L24E 0LO		1	10.00				
L24E1S		9	10.00				
L24E7S		1	10.00				
L24E8S		1	10.00				
L24E9S		1	10.00				
L24E10S		<1	10.00				
L24E6S		<1	10.00				
L24E7S		<1	10.00				
L24E8S		5	10.00				
L24E9S		1	10.00				
L24E 10S		1	10.00				
L28E 8N		3	10.00				
L28E 7N		2	10.00				
L28E 6N		18	10.00				
L28E 5N		2	10.00				
L28E 4N		3	10.00				
L28E 3N			10.00				
L28E 2N		3	10.00				
L28E 1N		1	10.00				
L28E 0N		1	10.00				
L28E 0LO		1	10.00				
L28E1S		2	10.00				
L28E6S		1	10.00				
L28E8S		2	10.00				
L28E9S		1	10.00				
L28E5S		<1	10.00				
L28E6S		1	10.00				
L28E7S		1	10.00				
L28E8S		1	10.00				
L28E9S		2	10.00				
L28E 9LOS		2	10.00				

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Geochemical Lab Report

REPORT: 016-2875

PROJECT: KASAGIMINNIS L PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au PPB	TestWt gm
L32E1S		18	10.00	L40E5S	L40E5S	19	19	10.00
L32E2S		15	10.00	L40E6S	L40E6S	3	3	10.00
L32E3S		15	10.00	L40E7S	L40E7S	5	5	10.00
L32E4S		107	10.00	L40E8S	L40E8S	6	6	10.00
L32E5S		573	10.00	L40E 840S	L40E 840S	5	5	10.00
L32E6S		123	10.00	L48E 26N	L48E 26N	41	41	10.00
L32E7S		29	10.00	L48E 25N	L48E 25N	25	25	10.00
L32E8S		55	10.00	L48E 24N	L48E 24N	16	16	10.00
L32E9S		26	10.00	L48E 23N	L48E 23N	20	20	10.00
L36E 8N		17	10.00	L48E 22N	L48E 22N	21	21	10.00
L36E 7N		59	10.00	L48E 21N	L48E 21N	36	36	10.00
L36E 6N		20	10.00	L48E 20N	L48E 20N	42	42	10.00
L36E 5N		65	10.00	L48E 19N	L48E 19N	21	21	10.00
L36E 4N		24	10.00	L48E 18N	L48E 18N	3	3	10.00
L36E 3N		135	10.00	L48E 17N	L48E 17N	2	2	10.00
L36E 2N		16	10.00	L48E 16N	L48E 16N	8	8	10.00
L36E 1N		8	10.00	L48E 15N	L48E 15N	119	119	10.00
L36E 0N		11	10.00	L48E 14N	L48E 14N	6	6	10.00
L36E1S		8	10.00	L48E 13N	L48E 13N	5	5	10.00
L36E2S		7	10.00	L48E 12N	L48E 12N	10	10	10.00
L36E3S		4	10.00	L48E 11N	L48E 11N	5	5	10.00
L36E4S		135	10.00	L48E 10N	L48E 10N	5	5	10.00
L36E5S		297	10.00	L48E 9N	L48E 9N	46	46	10.00
L36E6S		431	10.00	L48E 8N	L48E 8N	7	7	10.00
L36E7S		66	10.00	L48E 7N	L48E 7N	14	14	10.00
L36E8S		53	10.00	L48E 6N	L48E 6N	1	1	10.00
L36E 860S		6	10.00	L48E 5N	L48E 5N	2	2	10.00
L40E 8N		14	10.00	L48E 4N	L48E 4N	3	3	10.00
L40E 7N		56	10.00	L48E 3N	L48E 3N	35	35	10.00
L40E 6N		10	10.00	L48E 2N	L48E 2N	2	2	10.00
L40E 5N		33	10.00	L48E 1N	L48E 1N	3	3	10.00
L40E 4N		70	10.00	L48E 0NS	L48E 0NS	1	1	10.00
L40E 3N		126	10.00	L48E1S	L48E1S	3	3	10.00
L40E 2N		573	10.00	L48E2S	L48E2S	1	1	10.00
L40E 1N		23	10.00	L48E3S	L48E3S	3	3	10.00
L40E 0N		192	10.00	L48E4S	L48E4S	<1	<1	10.00
L40E1S		146	10.00	L48E5S	L48E5S	<1	<1	10.00
L40E2S		18	10.00	L48E6S	L48E6S	<1	<1	10.00
L40E3S		11	10.00	L48E7S	L48E7S	2	2	10.00
L40E4S		223	10.00	L48E8S	L48E8S	2	2	10.00

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Geochemical Lab Report

REPORT: 016-2875

PROJECT: ASSESSMENT'S [illegible] PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L52E 24N		2	10.00	L56E 18N L56E 18N		3	3 10.00
L52E 23N		1	10.00	L56E 17N L56E 17N		10	10 10.00
L52E 22N		1	10.00	L56E 16N L56E 16N		2	2 10.00
L52E 21N		2	10.00	L56E 15N L56E 15N		2	2 10.00
L52E 20N		1	10.00	L56E 14N L56E 14N		6	6 10.00
L52E 19N		13	10.00	L56E 13N L56E 13N		4	4 10.00
L52E 18N		2	10.00	L56E 12N L56E 12N		3	3 10.00
L52E 17N		<1	10.00	L56E 11N L56E 11N		2	2 10.00
L52E 16N		4	10.00	L56E 10N L56E 10N		1	1 10.00
L52E 15N		<1	10.00	L56E 9N L56E 9N		2	2 10.00
L52E 14N		1	10.00	L56E 8N L56E 8N		1	1 10.00
L52E 13N		9	10.00	L56E 7N L56E 7N		2	2 10.00
L52E 12N		3	10.00	L56E 6N L56E 6N		5	5 10.00
L52E 11N		13	10.00	L56E 5N L56E 5N		4	4 10.00
L52E 10N		4	10.00	L56E 4N L56E 4N		3	3 10.00
L52E 9N		1	10.00	L56E 3N L56E 3N		3	3 10.00
L52E 8N		1	10.00	L56E 2N L56E 2N		3	3 10.00
L52E 7N		<1	10.00	L56E 1N L56E 1N		2	2 10.00
L52E 6N		<1	10.00	L56E 0S L56E 0S		5	5 10.00
L52E 5N		<1	10.00	L56E1S L56E1S		3	3 10.00
L52E 4N		3	10.00	L56E2S L56E2S		1	1 10.00
L52E 3N		3	10.00	L56E3S L56E3S		2	2 10.00
L52E 2N		2	10.00	L56E4S L56E4S		2	2 10.00
L52E 1N		<1	10.00	L56E5S L56E5S		3	5.00
L52E 0NS		1	10.00	L56E6S L56E6S		2	2 10.00
L52E1S		1	10.00	L56E7S L56E7S		2	2 10.00
L52E2S		4	10.00	L56E8S L56E8S		4	4 10.00
L52E3S		<1	10.00	L56E870S L56E870S		3	3 10.00
L52E4S		1	10.00	L60E25N L60E25N		1	1 10.00
L52E5S		1	10.00	L60E 25N L60E 25N		2	2 10.00
L52E6S		8	10.00	L60E 24N L60E 24N		3	3 10.00
L52E7S		3	10.00	L60E 23N L60E 23N		2	2 10.00
L52E8S		4	10.00	L60E 22N L60E 22N		1	1 10.00
L56E 2445N		4	10.00	L60E 21N L60E 21N		2	2 10.00
L56E 24N		2	10.00	L60E 20N L60E 20N		4	4 10.00
L56E 23N		3	10.00	L60E 19N L60E 19N		3	3 10.00
L56E 22N		3	10.00	L60E 18N L60E 18N		4	4 10.00
L56E 21N		3	10.00	L60E 17N L60E 17N		7	7 10.00
L56E 20N		1	10.00	L60E 16N L60E 16N		5	5 10.00
L56E 19N		3	10.00	L60E 15N L60E 15N		5	5 10.00

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Geochemical Lab Report

REPORT: 016-2875

PROJECT: KASAGINNAIS L PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L60E 14N		8	10.00	L64E4S		<1	10.00
L60E 13N		8	10.00	L64E5S		1	10.00
L60E 12N		10	10.00	L64E6S		<1	10.00
L60E 11N		6	10.00	L64E7S		<2	7.00
L60E 10N		7	10.00	L64E 750S		21	10.00
L60E 9N		8	10.00				
L60E 8N		3	10.00				
L60E 7N		6	10.00				
L60E 6N		9	10.00				
L60E 5N		4	10.00				
L60E 4N		4	10.00				
L60E 3N		4	10.00				
L60E 2N		8	10.00				
L60E 1N		3	10.00				
L60E 0+00		1	10.00				
L60E1S		<1	10.00				
L60E2S		4	10.00				
L60E3S		2	10.00				
L60E4S		3	10.00				
L60E5S		2	10.00				
L60E6S		4	4.00				
L60E7S		1	10.00				
L60E8S		<1	10.00				
L64E 20N		1	10.00				
L64E 19N		2	10.00				
L64E 18N		1	10.00				
L64E 17N		2	10.00				
L64E 9N		1	10.00				
L64E 8N		2	5.00				
L64E 7N		<1	10.00				
L64E 6N		<1	10.00				
L64E 5N		<1	10.00				
L64E 4N		<1	10.00				
L64E 3N		<1	10.00				
L64E 2N		<1	10.00				
L64E 1N		<1	10.00				
L64E BLO		<1	10.00				
L64E1S		<1	10.00				
L64E2S		3	10.00				
L64E3S		1	10.00				

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Geochemical Lab Report

REPORT: 016-2940

PROJECT: KASASTINNIS L PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L56W 24N		5	10.00	L44W 26N L44W 26N		1 <1	10.00
L56W 23N		4	10.00	L44W 25N L44W 25N		1 1	10.00
L56W 22N		4	10.00	L44W 24N L44W 24N		2 2	10.00
L56W 21N		10	10.00	L44W 23N L44W 23N		2 2	10.00
L56W 20N		11	10.00	L44W 22N L44W 22N		6 5	10.00
L56W 19N		4	10.00	L44W 21N L44W 21N		4 4	10.00
L56W 18N		3	10.00	L44W 20N L44W 20N		3 3	10.00
L56W 17N		2	10.00	L44W 19N L44W 19N		3 3	10.00
L56W 16N		1	10.00	L44W 18N L44W 18N		4 4	10.00
L56W 15N		4	10.00	L44W 17N L44W 17N		3 2	10.00
L56W 14N		4	10.00	L44W 16N L44W 16N		3 3	10.00
L56W 13N		3	10.00	L44W 15N L44W 15N		2 2	10.00
L56W 12N		3	10.00	L44W 14N L44W 14N		2 2	10.00
L56W 11N		5	10.00	L44W 13N L44W 13N		2 2	10.00
L56W 10N		7	10.00	L44W 12N L44W 12N		3 2	10.00
L56W 9N		5	10.00	L44W 11N L44W 11N		2 2	10.00
L56W 8N		4	10.00	L44W 10N L44W 10N		3 3	10.00
L56W 7N		1	10.00	L44W 9N L44W 9N		2 2	10.00
L56W 6N		3	10.00	L44W 8N L44W 8N		3 3	10.00
L56W 5N		1	10.00	L44W 7N L44W 7N		1 2	10.00
L56W 4N		3	10.00	L44W 6N L44W 6N		4 4	10.00
L56W 3N		3	10.00	L44W 5N L44W 5N		3 3	10.00
L56W 2N		2	10.00	L44W 4N L44W 4N		2 3	10.00
L56W 1N		2	10.00	L44W 3N L44W 3N		3 3	10.00
L56W BLO		2	10.00	L44W 2N L44W 2N		1 1	10.00
L56W1S		2	10.00	L44W 1N L44W 1N		1 1	10.00
L56W2S		1	10.00	L44W BLO L44W BLO		<1 <1	10.00
L56W3S		1	10.00	L44W01S L44W01S		1 1	10.00
L56W4S		1	10.00	L44W02S L44W02S		308 308	10.00
L56W5S		1	10.00	L44W03S L44W03S		15 15	10.00
L48W1S		<1	10.00	L44W04S L44W04S		1 1	10.00
L48W2S		2	5.00	L44W05S L44W05S		<1 <1	10.00
L48W3S		1	10.00	L44W06S L44W06S		1 1	10.00
L48W4S		1	10.00	L44W07S L44W07S		1 1	10.00
L48W5S		1	10.00	L44W08S L44W08S		1 <1	10.00
L48W6S		<1	10.00	L44W09S L44W09S		<1 <1	10.00
L48W7S		5	10.00	L44W10S L44W10S		9 9	10.00
L44W 2875N		1	10.00	L44W11S L44W11S		<1 <1	10.00
L44W 28N		<1	10.00	L44W12S L44W12S		5 5	10.00
L44W 27N		<1	10.00	L44W13S L44W13S		<1 <1	10.00

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Geochemical Lab Report

REPORT: 016-2940

PROJECT: KASAGIMINNIS L PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L44W14S		<1	10.00	L40W10S L40W10S		<1 <1	10.00
L40W 28N		<1	10.00	L40W11S L40W11S		<1 <1	10.00
L40W 27N		<1	10.00	L40W12S L40W12S		<1 <1	10.00
L40W 26N		<1	10.00	L40W13S L40W13S		1 1	10.00
L40W 25N		<1	10.00	L40W14S L40W14S		2 2	10.00
L40W 24N		<1	10.00	L40W15S L40W15S		1 1	10.00
L40W 23N		<2	5.00	L40W 15+64S L40W 15+64S		2 2	10.00
L40W 22N		64	10.00	L36W 5N L36W 5N		2 2	10.00
L40W 21N		<1	10.00	L36W BLO L36W BLO		1 1	10.00
L40W 20N		4	10.00	L36W1S L36W1S		<1 <1	10.00
L40W 19N		2	10.00	L36W2S L36W2S		1 1	10.00
L40W 18N		2	10.00	L36W3S L36W3S		<1 <1	10.00
L40W 17N		<1	10.00	L36W4S L36W4S		1 1	10.00
L40W 16N		<1	10.00	L36W6S L36W6S		1 1	10.00
L40W 15N		<1	10.00	L36W7S L36W7S		2 2	10.00
L40W 14N		1	10.00	L36W8S L36W8S		1 1	10.00
L40W 13N		1	10.00	L36W9S L36W9S		1 1	10.00
L40W 12N		<1	10.00	L36W10S L36W10S		<1 <1	10.00
L40W 11N		1	10.00	L36W11S L36W11S		1 1	10.00
L40W 10N		<1	10.00	L36W12S L36W12S		1 1	10.00
L40W 9N		2	10.00	L36W13S L36W13S		2 2	10.00
L40W 8N		1	10.00	L36W14S L36W14S		2 2	10.00
L40W 7N		1	10.00	L36W15S L36W15S		2 2	10.00
L40W 6N		<1	10.00	L24W 24+80N L24W 24+80N		<1 <1	10.00
L40W 5N		<1	10.00	L24W 24N L24W 24N		1 1	10.00
L40W 4N		1	10.00	L24W 23N L24W 23N		2 2	10.00
L40W 3N		1	10.00	L24W 22N L24W 22N		1 1	10.00
L40W 2N		<1	10.00	L24W 21N L24W 21N		<1 <1	10.00
L40W 1N		<1	10.00	L24W 20N L24W 20N		1 1	10.00
L40W BLO		<1	10.00	L24W 19N L24W 19N		1 1	10.00
L40W BLO 'A'		3	10.00	L24W 18N L24W 18N		<1 <1	10.00
L40W1S		1	10.00	L24W 17N L24W 17N		1 1	10.00
L40W2S		1	10.00	L24W 16N L24W 16N		1 1	10.00
L40W3S		2	10.00	L24W 15N L24W 15N		2 2	10.00
L40W4S		1	10.00	L24W 14N L24W 14N		5 5	10.00
L40W5S		1	10.00	L24W 13N L24W 13N		3 3	10.00
L40W6S		<1	10.00	L24W 12N L24W 12N		1 1	10.00
L40W7S		<1	10.00	L24W 11N L24W 11N		4 4	10.00
L40W8S		1	10.00	L24W 10N L24W 10N		2 2	10.00
L40W9S		1	10.00	L24W 9N L24W 9N		5 5	10.00

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Geochemical Lab Report

REPORT: 016-2940

PROJECT: KASAGIMINNIS L PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L24W 8N		1	10.00	L20W 3N L20W 3N		2	2 10.00
L24W 7N		1	10.00	L20W 2N L20W 2N		1	1 10.00
L24W 6N		2	10.00	L20W 1N L20W 1N		1	1 10.00
L24W 5N		4	10.00	L16W BLO L16W BLO		1	1 10.00
L24W 4N		1	10.00	L16W 19N L16W 19N		<1	<1 10.00
L24W 3N		1	10.00	L16W 18N L16W 18N		1	1 10.00
L24W 2N		1	10.00	L16W 17N L16W 17N		1	1 10.00
L24W 1N		2	10.00	L16W 16N L16W 16N		1	1 10.00
L24W BLO		1	10.00	L16W 15N L16W 15N		1	1 10.00
L24W1S		3	10.00	L16W 14N L16W 14N		2	2 10.00
L24W2S		3	10.00	L16W 13N L16W 13N		3	3 10.00
L24W3S		2	10.00	L16W 12N L16W 12N		1	1 10.00
L24W4S		2	10.00	L16W 11N L16W 11N		2	2 10.00
L24W5S		3	10.00	L16W 10N L16W 10N		1	1 10.00
L24W6S		2	10.00	L16W 9N L16W 9N		1	1 10.00
L24W7S		2	10.00	L16W 8N L16W 8N		<1	<1 10.00
L24W8S		13	10.00	L16W 7N L16W 7N		<1	<1 10.00
L24W9S		3	10.00	L16W 6N L16W 6N		1	1 10.00
L24W 9+50S		1	10.00	L16W 5N L16W 5N		1	1 10.00
L20W 23+60N		2	10.00	L16W 4N L16W 4N		1	1 10.00
L20W 23N		6	10.00	L16W 3N L16W 3N		3	3 10.00
L20W 22N		14	10.00	L16W 2N L16W 2N		2	2 10.00
L20W 21N		7	10.00	L16W 1N L16W 1N		2	2 10.00
L20W 20N		9	10.00	L12E BLO L12E BLO		2	2 10.00
L20W 19N		5	10.00	L12E1S L12E1S		1	1 10.00
L20W 18N		8	10.00	L12E2S L12E2S		1	1 10.00
L20W 17N		5	10.00	L12E3S L12E3S		1	1 10.00
L20W 16N		5	10.00	L12E4S L12E4S		1	1 10.00
L20W 15N		2	10.00	L12E5S L12E5S		1	1 10.00
L20W 14N		2	10.00	L12E6S L12E6S		1	1 10.00
L20W 13N		6	10.00	L12E7S L12E7S		3	3 10.00
L20W 12N		4	10.00	L12E8S L12E8S		1	1 10.00
L20W 11N		3	10.00	L12E9S L12E9S		<1	<1 10.00
L20W 10N		4	10.00	L12E10S L12E10S		1	1 10.00
L20W 9N		4	10.00	L12E11S L12E11S		<1	<1 10.00
L20W 8N		4	10.00	L12E12S L12E12S		<1	<1 10.00
L20W 7N		1	10.00	L12E13S L12E13S		<1	<1 10.00
L20W 6N		2	10.00	L12E14S L12E14S		<1	<1 10.00
L20W 5N		3	10.00	L12E15S L12E15S		2	2 10.00
L20W 4N		7	10.00	L12E16S L12E16S		1	1 10.00

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Geochemical Lab Report

REPORT: 016-2940

PROJECT: KASAGIMINIS L

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L12E17S		<1	10.00	L016S		<1	10.00
L12W 1790N		<1	10.00	L017S		<1	10.00
L12W 17N		2	10.00	L018S		<1	10.00
L12W 16N		1	10.00	L019S		1	10.00
L12W 15N		1	10.00	L020S		<1	10.00
L12W 14N		3	10.00	L021S		<1	10.00
L12W 13N		1	10.00	L022S		2	10.00
L12W 12N		2	10.00	L023S		2	10.00
L12W 11N		1	10.00	L024S		1	10.00
L12W 10N		<1	10.00	L025S		1	10.00
L12W 9N		<1	10.00	L026S		2	10.00
L12W 8N		<1	10.00	L027S		1	10.00
L12W 7N		1	10.00				
L12W 6N		2	5.00				
L12W 5N		<1	10.00				
L12W 3N		<1	10.00				
L12W 2N		<1	10.00				
L12W 1N		1	10.00				
L12W BL0		1	10.00				
L12W1S		<1	10.00				
L12W2S		<1	10.00				
L12W3S		2	10.00				
L12W4S		1	10.00				
L12W5S		<1	10.00				
L12W 5950S		5	10.00				
L8W 17N		6	10.00				
L8W 16N		6	10.00				
L8W 15N		3	10.00				
L8W 14N		3	10.00				
L8W 13N		4	10.00				
L8W 12N		<1	10.00				
L8W 11N		1	10.00				
L8W 10N		2	10.00				
L8W 9N		2	10.00				
L8W 8N		3	10.00				
L8W 7N		1	10.00				
L8W 6N		1	10.00				
L8W 5N		1	10.00				
L0.4S		<1	10.00				
L0.5S		1	10.00				

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Geochemical Lab Report

REPORT: 016-3065

PROJECT: KASAGIMINNIS L PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L72E 17N		1		L140E 28N L140E 28N		1	1
L72E 16N		4		L140E 27N L140E 27N		1	1
L72E 15N		2		L140E 26N L140E 26N		2	2
L72E 14N		2		L140E 25N L140E 25N		<1	<1
L72E 13N		2		L140E 24N L140E 24N		1	1
L72E 12N		2		L140E 23N L140E 23N		2	2
L72E 11N		1		L140E 22N L140E 22N		<1	<1
L72E 10N		2		L140E 21N L140E 21N		3	3
L72E 9N		2		L140E 20N L140E 20N		3	3
L72E 8N		2		L140E 19N L140E 19N		1	1
L72E 7N		1		L140E 18N L140E 18N		2	2
L72E 6N		2		L144E 43+60N L144E 43+60N		1	1
L72E 5N		3		L144E 43N L144E 43N		2	2
L72E 4N		2		L144E 42N L144E 42N		<1	<1
L72E 3N		2		L144E 41N L144E 41N		2	2
L72E 2N		2		L144E 40N L144E 40N		5	5
L72E 1N		2		L144E 39N L144E 39N		3	3
L72E BLO		1		L144E 38N L144E 38N		<1	<1
L72E1S		1		L144E 37N L144E 37N		1	1
L72E2S		<1		L144E 36N L144E 36N		<2	<2 5.00 5.00
L72E3S		2		L144E 35N L144E 35N		1	1
L72E4S		1		L144E 34N L144E 34N		<2	<2 5.00 5.00
L72E5S		1		L144E 33N L144E 33N		<1	<1
L72E6S		2		L144E 32N L144E 32N		<1	<1
L72E7S		1		L144E 31N L144E 31N		1	1
L140E 42+74N		2		L144E 30N L144E 30N		<1	<1
L140E 42N		2		L144E 29N L144E 29N		2	2
L140E 41N		2		L144E 28N L144E 28N		2	2
L140E 40N		2		L148E 44N L148E 44N		2	2
L140E 39N		<1		L148E 43N L148E 43N		3	3
L140E 38N		2		L148E 42N L148E 42N		4	4
L140E 37N		1		L148E 41N L148E 41N		2	2
L140E 36N		<1		L148E 40N L148E 40N		2	2
L140E 35N		2		L148E 39N L148E 39N		1	1
L140E 34N		1		L148E 38N L148E 38N		2	2
L140E 33N		2		L148E 37N L148E 37N		8	8
L140E 32N		2		L148E 36N L148E 36N		4	4
L140E 31N		2		L148E 35N L148E 35N		1	1
L140E 30N		1		L148E 34N L148E 34N		3	3
L140E 29N		2		L148E 33N L148E 33N		6	6

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Geochemical Lab Report

REPORT: 016-3065

PROJECT: KASHECHEWAN L PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Test% gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Test% gm
L148E 32N		5		L124E 32N L124E 32N		3	
L148E 31N		10		L124E 31N L124E 31N		2	
L148E 30N		2		L124E 30N L124E 30N		3	
L148E 29N		2		L124E 29N L124E 29N		2	
L120E 4175N		3		L124E 28N L124E 28N		25	
L120E 41N		2		L124E 27N L124E 27N		2	
L120E 40N		1		L124E 26N L124E 26N		2	
L120E 39N		3		L124E 25N L124E 25N		3	
L120E 38N		4		L124E 24N L124E 24N		2	
L120E 37N		4		L124E 23N L124E 23N		2	
L120E 36N		2		L124E 22N L124E 22N		2	
L120E 35N		<1		L124E 21N L124E 21N		2	
L120E 34N		1		L124E 20N L124E 20N		2	
L120E 33N		2		L72E 29N L72E 29N		2	
L120E 32N		7		L76E 34+50N L76E 34+50N		9	5.00
L120E 31N		7	5.00	L76E 34N L76E 34N		2	
L120E 30N		2		L76E 33N L76E 33N		3	
L120E 29N		3		L76E 32N L76E 32N		2	
L120E 28N		1		L76E 31N L76E 31N		4	
L120E 27N		7	5.00	L76E 30N L76E 30N		2	
L120E 26N		3		L76E 28N L76E 28N		3	
L120E 25N		<1		L76E 27N L76E 27N		3	
L120E 24N		<1		L76E 26N L76E 26N		3	
L120E 23N		<1		L76E 25N L76E 25N		3	
L120E 22N		<1		L76E 24N L76E 24N		2	
L120E 21N		<1		L76E 23N L76E 23N		2	
L120E 20N		<1		L76E 22N L76E 22N		2	
L120E 19N		2		L76E 21N L76E 21N		2	
L120E 18N		1		L76E 20N L76E 20N		2	
L120E 17N		3		L76E 19N L76E 19N		2	
L120E 16N		4		L88E 12N L88E 12N		2	
L120E 15N		3		L88E 11N L88E 11N		1	
L124E 40N		2		L88E 10N L88E 10N		1	
L124E 39N		2		L88E 9N L88E 9N		2	
L124E 38N		4		L88E 8N L88E 8N		<1	
L124E 37N		4		L88E 7N L88E 7N		<1	
L124E 36N		4		L88E 6N L88E 6N		<1	
L124E 35N		2		L88E 5N L88E 5N		<1	
L124E 34N		6		L88E 4N L88E 4N		<1	
L124E 33N		3		L88E 3N L88E 3N		<1	

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Geochemical Lab Report

REPORT: 016-3005

PROJECT: KASAGIMINIS [illegible] PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L88E 2N		<1	
L88E 1N		<1	
L88E BLO		<1	
L88E1S		<2	5.00
L88E2S		<1	
L88E3S		<2	5.00
L88E4S		1	
L88E5S		1	
L88E6S		<2	5.00
L88E7S		1	

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Geochemical Lab Report

REPORT: 016-3066

PROJECT: KABASHINNIS L. PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Test			SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au Test		
L16W1S	L16W1S	1	1			L44E 16N	L44E 16N	1	1		
L16W2S	L16W2S	1	1			L44E 15N	L44E 15N	1	1		
L16W3S	L16W3S	3	3			L44E 14N	L44E 14N	2	2		
L16W4S	L16W4S	3	3			L44E 13N	L44E 13N	2	2		
L16W5S	L16W5S	<1	<1			L44E 12N	L44E 12N	2	2		
L16W6S	L16W6S	<1	<1			L44E 11N	L44E 11N	3	3		
L16W7S	L16W7S	3	3			L44E 10N	L44E 10N	4	4	[illegible]	7.50
L20W 0S	L20W0S	1	1			L44E 9N	L44E 9N	7	7	[illegible]	7.50
L20W1S	L20W1S	2	2			L44E 8N	L44E 8N	3	3		
L20W2S	L20W2S	1	1			L44E 7N	L44E 7N	1	1		
L20W3S	L20W3S	<1	<1			L44E 6N	L44E 6N	31	31	[illegible]	5.00
L20W4S	L20W4S	<1	<1			L44E 5N	L44E 5N	4	4	[illegible]	7.50
L20W5S	L20W5S	<1	<1			L44E 4N	L44E 4N	5	5	[illegible]	5.00
L20W6S	L20W6S	<1	<1			L44E 3N	L44E 3N	3	3	[illegible]	5.00
L20W7S	L20W7S	<1	<1			L44E 2N	L44E 2N	3	3	[illegible]	7.50
L20W8S	L20W8S	<1	<1			L44E 1N	L44E 1N	5	5		
L32E 8N	L32E 8N	12	12	5.00	5.00	L44E 0NS	L44E 0NS	3	3		
L32E 7N	L32E 7N	1	1			L44E 1S	L44E 1S	2	2		
L32E 6N	L32E 6N	<1	<1			L44E 2S	L44E 2S	1	1		
L32E 5N	L32E 5N	<1	<1			L44E 3S	L44E 3S	2	2		
L32E 4N	L32E 4N	<1	<1			L44E 4S	L44E 4S	1	1		
L32E 3N	L32E 3N	1	1			L44E 5S	L44E 5S	2	2		
L32E 2N	L32E 2N	13	13	5.00	5.00	L44E 6S	L44E 6S	3	3		
L32E 1N	L32E 1N	7	7			L44E 7S	L44E 7S	1	1		
L32E 0NS	L32E 0NS	10	10			L44E 8S	L44E 8S	1	<1		
L40E 17N	L40E 17N	5	5			L80E 38N	L80E 37N	1	1		
L40E 16N	L40E 16N	3	3			L80E 36N	L80E 36N	4	4	[illegible]	5.00
L40E 15N	L40E 15N	1	1			L80E 35N	L80E 35N		1		
L40E 14N	L40E 14N	[illegible]	24			L80E 34N	L80E 34N	1	1		
L40E 13N	L40E 13N	2	2			L80E 33N	L80E 33N		<1		
L40E 12N	L40E 12N	[illegible]	<4	3.00	3.00	L80E 32N	L80E 32N		<1		
L44E 25N	L44E 25N	[illegible]	2	[illegible]	7.50	L80E 31N	L80E 31N		1		
L44E 24N	L44E 24N	[illegible]	<2	[illegible]	7.50	L80E 30N	L80E 30N	1	1		
L44E 23N	L44E 23N	2	2			L80E 29N	L80E 29N		<1		
L44E 22N	L44E 22N	[illegible]	<1			L80E 28N	L80E 28N		<1		
L44E 21N	L44E 21N	1	1			L80E 27N	L80E 27N		<1		
L44E 20N	L44E 20N	2	2	[illegible]	7.50	L80E 26N	L80E 26N		<1		
L44E 19N	L44E 19N	2	2			L80E 25N	L80E 25N		<1		
L44E 18N	L44E 18N	1	1			L80E 24N	L80E 24N		<1		
L44E 17N	L44E 17N	[illegible]	<1			L80E 23N	L80E 23N	1	1		

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Geochemical Lab Report

REPORT: 016-3066

PROJECT: KASKA-INNES L [illegible] E

SAMPLE NUMBER	ELEMENT UNITS	Ag PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Ag PPB	TestWt gm
L80E 22N	L80E 22N	<2	7.00	L84E 29N	L84E 29N	1	
L80E 21N	L80E 21N	<1		L84E 28N	L84E 28N	1	
L80E 20N	L80E 20N	<1		L84E 27N	L84E 27N	2	
L80E 19N	L80E 19N	<1		L84E 26N	L84E 26N	<2	7.50
L80E 18N	L80E 18N	<1		L84E 25N	L84E 25N	2	8.00
L80E 17N	L80E 17N	<1		L84E 24N	L84E 24N	1	
L80E 16N	L80E 16N	<2	7.00	L84E 23N	L84E 23N	2	7.50
L80E 15N	L80E 15N	1		L84E 22N	L84E 22N	<2	7.50
L80E 14N	L80E 14N	4		L84E 21N	L84E 21N	2	7.50
L80E 13N	L80E 13N	5		L84E 20N	L84E 20N	3	7.50
L80E 12N	L80E 12N	<2	8.50	L84E 19N	L84E 19N	<1	
L80E 11N	L80E 11N	3	5.50	L84E 18N	L84E 18N	2	
L80E 10N	L80E 10N	3	7.50	L84E 17N	L84E 17N	12	
L80E 9N	L80E 9N	<2	6.00	L84E 16N	L84E 16N	4	
L80E 8N	L80E 8N	<1		L84E 15N	L84E 15N	3	
L80E 7N	L80E 7N	5	5.00	L84E 14N	L84E 14N	2	
L80E 6N	L80E 6N	3	5.50	L84E 13N	L84E 13N	3	
L80E 5N	L80E 5N	2		L84E 12N	L84E 12N	1	
L80E 4N	L80E 4N	1		L84E 11N	L84E 11N	<1	
L80E 3N	L80E 3N	<1		L84E 10N	L84E 10N	<2	7.00
L80E 2N	L80E 2N	<1		L84E 9N	L84E 9N	<1	
L80E 1N	L80E 1N	<1		L84E 8N	L84E 8N	1	
L80E ONS	L80E ONS	<1		L84E 7N	L84E 7N	2	
L80E1S	L80E 1S	1		L84E 6N	L84E 6N	<1	
L80E2S	L80E 2S	49		L84E 5N	L84E 5N	<1	
L80E3S	L80E 3S	10		L84E 4N	L84E 4N	1	
L80E4S	L80E 4S	2		L84E 3N	L84E 3N	1	
L80E5S	L80E 5S	2		L84E 2N	L84E 2N	2	
L80E6S	L80E 6S	4		L84E 1N	L84E 1N	<1	
L80E7S	L80E 7S	<1		L84E ONS	L84E ONS	1	
L84E 39N	L84E 39N	4	7.00	L84E1S	L84E1S	1	
L84E 38N	L84E 38N	4	7.00	L84E2S	L84E2S	<1	
L84E 37N	L84E 37N	2		L84E3S	L84E3S	1	
L84E 36N	L84E 36N	2		L84E4S	L84E4S	<1	
L84E 35N	L84E 35N	1		L84E5S	L84E5S	3	
L84E 34N	L84E 34N	2		L84E6S	L84E6S	3	
L84E 33N	L84E 33N	2		L84E7S	L84E7S	4	
L84E 32N	L84E 32N	3		L144E 23N	L144E 23N	1	
L84E 31N	L84E 31N	2		L144E 22N	L144E 22N	2	
L84E 30N	L84E 30N	2	7.50	L144E 21N	L144E 21N	1	

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Geochemical Lab Report

REPORT: 016-5246

PROJECT: KASAGAMIGAMIS L PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au PPB
L144E 20N	L144E 20N	<1	<1	L148E [illegible]	L148E 19N	[illegible]	<1
L144E 19N	L144E 19N	2	2	L148E 17N	L148E 17N	[illegible]	3
L144E 18N	L144E 18N	2	2	L148E 16N	L148E 16N	[illegible]	4 7.50
L144E 17N	L144E 17N	1	1	L148E 15N	L148E 15N	[illegible]	3
L148E 16N	L148E 16N	2	2	L148E 14N	L148E 14N	[illegible]	4 7.50
L144E 15N	L144E 15N	<1	<1	L148E 13N	L148E 13N	[illegible]	2
L144E 14N	L144E 14N	1	1	L148E 12N	L148E 12N	[illegible]	<1
L144E 13N	L144E 13N	<1	<1	L148E 11N	L148E 11N	[illegible]	5
L144E 12N	L144E 12N	<1	<1	L148E 10N	L148E 10N	[illegible]	3
L144E 11N	L144E 11N	1	1	L148E 9N	L148E 9N	[illegible]	1
L144E 10N	L144E 10N	<1	<1	L148E 8N	L148E 8N	[illegible]	<1
L144E 9N	L144E 9N	<1	<1	L148E 7N	L148E 7N	[illegible]	3 7.50
L144E 8N	L144E 8N	<1	<1	L148E 6N	L148E 6N	[illegible]	1
L144E 7N	L144E 7N	1	1	L148E 5N	L148E 5N	[illegible]	1
L144E 6N	L144E 6N	<1	<1	L148E 4N	L148E 4N	[illegible]	1
L144E 5N	L144E 5N	<1	<1	L148E 3N	L148E 3N	[illegible]	<1
L144E 4N	L144E 4N	4	4	L148E 2N	L148E 2N	[illegible]	1
L144E 3N	L144E 3N	1	1	L148E 1N	L148E 1N	[illegible]	3
L144E 2N	L144E 2N	1	1	L148E 0NS	L148E 0NS	[illegible]	<1
L144E 1N	L144E 1N	5	5	L148E1S	L148E 1S	[illegible]	<2 7.50
L144E 0NS	L144E 0NS	<1	<1	L148E2S	L148E 2S	[illegible]	1 5.00
L144E1S	L144E1S	<1	<1	L148E3S	L148E 3S	[illegible]	<1
L144E2S	L144E2S	1	1	L148E4S	L148E 4S	[illegible]	<1
L144E3S	L144E3S	2	2	L148E5S	L148E 5S	[illegible]	<1
L144E4S	L144E4S	1	1	L148E6S	L148E 6S	[illegible]	<1
L144E5S	L144E5S	<1	<1	L148E7S	L148E 7S	[illegible]	<1
L144E6S	L144E6S	1	1	L148E8S	L148E 8S	[illegible]	<1
L144E7S	L144E7S	2	2	L148E9S	L148E 9S	[illegible]	<1
L144E8S	L144E8S	2	2	L148E10S	L148E 10S	[illegible]	<1
L144E9S	L144E9S	3	3	L148E11S	L148E 11S	[illegible]	1
L144E10S	L144E10S	2	2	L148E12S	L148E 12S	[illegible]	<1
L144E11S	L144E11S	2	2	L148E13S	L148E 13S	[illegible]	<1
L144E12S	L144E12S	1	<1	L148E14S	L148E 14S	[illegible]	<1
L144E13S	L144E13S	[illegible]	<1	L148E15S	L148E 15S	[illegible]	<1
L144E14S	L144E14S	1	1				
L144E15S	L144E15S	2	2				
L144E 15+75S	L144E 15+75S	[illegible]	<1				
L148E 21N	L148E 21N	2	2				
L144E 20N	L144E 20N	5	5				
L148E 19N	L148E 19N	1	1				

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Geochemical Lab Report

REPORT: 016-3067

PROJECT: KABASIMINNIS L[illegible] PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	[illegible]	[illegible]
L68N 17N		5	5.00	L76E 3N L76E 3N		<1	<1	[illegible]
L68E 16N		3	10.00	L76E 2N L76E 2N		<1	[illegible]	[illegible]
L68E 15N		4	10.00	L76E 1N L76E 1N		3	[illegible]	[illegible]
L68E 14N		2	10.00	L76E BLO L76E BLO		<1	[illegible]	[illegible]
L68E 13N		1	10.00	L76E1S L76E1S		4	[illegible]	[illegible]
L68E 12N		<1	10.00	L76E2S L76E2S		<1	[illegible]	[illegible]
L68E 11N		2	10.00	L76E3S L76E3S		1	[illegible]	[illegible]
L68E 10N		2	10.00	L76E4S L76E4S		<1	[illegible]	[illegible]
L68E 9N		7	10.00	L76E5S L76E5S		2	[illegible]	[illegible]
L68E 8N		3	10.00	L76E6S L76E6S		2	[illegible]	[illegible]
L68E 7N		3	10.00	L76E7S L76E7S		3	3	10.00
L68E 6N		3	10.00	L88E 38N L88E 38N		3	[illegible]	[illegible]
L68E 5N		9	10.00	L88E 37N L88E 37N		2	[illegible]	[illegible]
L68E 4N		<1	10.00	L88E 36N L88E 36N		3	[illegible]	[illegible]
L68E 3N		<1	10.00	L88E 35N L88E 35N		2	[illegible]	[illegible]
L68E 2N		<1	10.00	L88E 34N L88E 34N		2	[illegible]	[illegible]
L68E 1N		2	10.00	L88E 33N L88E 33N		3	[illegible]	[illegible]
L68E BLO		4	10.00	L88E 32N L88E 32N		2	[illegible]	[illegible]
L68E1S		<1	10.00	L88E 31N L88E 31N		2	[illegible]	[illegible]
L68E2S		1	10.00	L88E 30N L88E 30N		<1	[illegible]	[illegible]
L68E3S		<1	10.00	L88E 29N L88E 29N		<1	[illegible]	[illegible]
L68E4S		<1	10.00	L88E 28N L88E 28N		<1	[illegible]	[illegible]
L68E5S		<1	10.00	L88E 27N L88E 27N		<1	[illegible]	[illegible]
L68E6S		5	10.00	L88E 26N L88E 26N		1	[illegible]	[illegible]
L68E7S		<1	10.00	L88E 25N L88E 25N		<1	[illegible]	[illegible]
L76E 18N		<1	[illegible]	L88E 24N L88E 24N		2	[illegible]	[illegible]
L76E 17N		<1	[illegible]	L88E 23N L88E 23N		15	[illegible]	[illegible]
L76E 16N		2	[illegible]	L88E 22N L88E 22N		1	[illegible]	[illegible]
L76E 15N		<1	[illegible]	L88E 21N L88E 21N		2	[illegible]	[illegible]
L76E 14N		2	[illegible]	L88E 20N L88E 20N		20	[illegible]	[illegible]
L76E 13N		2	[illegible]	L88E 19N L88E 19N		6	[illegible]	[illegible]
L76E 12N		1	[illegible]	L88E 18N L88E 18N		5	[illegible]	[illegible]
L76E 11N		2	[illegible]	L88E 17N L88E 17N		4	[illegible]	[illegible]
L76E 10N		<1	[illegible]	L88E 16N L88E 16N		6	[illegible]	[illegible]
L76E 9N		4	[illegible]	L88E 15N L88E 15N		9	[illegible]	[illegible]
L76E 8N		1	[illegible]	L88E 14N L88E 14N		1	[illegible]	[illegible]
L76E 7N		<1	[illegible]	L88E 13N L88E 13N		4	[illegible]	[illegible]
L76E 6N		<1	[illegible]	L132E 44N L132E 44N		8	[illegible]	[illegible]
L76E 5N		11	[illegible]	L132E 43N L132E 43N		<1	[illegible]	[illegible]
L76E 4N		<1	[illegible]	L132E 42N L132E 42N		1	[illegible]	[illegible]

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Au PPB	Test Wt gm
L132E 41N	L132E 41N	1	2	10.00
L132E 40N	L132E 40N	1	1	10.00
L132E 39N	L132E 39N	6	6	10.00
L132E 38N	L132E 38N	3	2	10.00
L132E 37N	L132E 37N	2	2	10.00
L132E 36N	L132E 36N	4	4	10.00
L132E 35N	L132E 35N	1	1	10.00
L132E 34N	L132E 34N	3	2	10.00
L132E 33N	L132E 33N	12	13	10.00
L136E 43+75N	L136E 43+75N	3	3	10.00
L136E 43N	L136E 43N	27	27	10.00
L136E 42N	L136E 42N	1	1	10.00
L136E 41N	L136E 41N	29	28	10.00
L136E 40N	L136E 40N	1	1	10.00
L136E 39N	L136E 39N	1	1	10.00
L136E 38N	L136E 38N	2	2	10.00
L136E 37N	L136E 37N	2	2	10.00
L136E 36N	L136E 36N	[illegible]	<1	[illegible]
L136E 35N	L136E 35N	[illegible]	<1	[illegible]
L136E 34N	L136E 34N	[illegible]	<1	[illegible]
L136E 33N	L136E 33N	1	1	10.00
L136E 32N	L136E 32N	[illegible]	<1	[illegible]
L136E 31N	L136E 31N	[illegible]	<1	[illegible]
L136E 30N	L136E 30N	[illegible]	<1	[illegible]
L136E 29N	L136E 29N	[illegible]	14	[illegible]
L136E 28N	L136E 28N	[illegible]	<1	10.00
L136E 27N	L136E 27N	[illegible]	<1	[illegible]
L136E 26N	L136E 26N	[illegible]	<1	[illegible]
L136E 25N	L136E 25N	[illegible]	10	[illegible]
L136E 24N	L136E 24N	[illegible]	<1	[illegible]
L136E 23N	L136E 23N	[illegible]	<1	[illegible]
L136E 22N	L136E 22N	[illegible]	<1	[illegible]
L136E 21N	L136E 21N	[illegible]	1	[illegible]
L136E 20N	L136E 20N	3	3	[illegible]
L136E 19N	L136E 19N	[illegible]	1	[illegible]
L136E 18N	L136E 18N	[illegible]	1	10.00

Date Rec'd .....
To: H.J.H. .....
J.H.A. .....
J.M.H. .....
.....
File: .....
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Geochemical Lab Report

REPORT: 016-3240

PROJECT: KASAGIMINNIS L PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L28E 19+60N		1		L92E 36N		2	
L28E 19N		1		L92E 35N		1	
L28E 18N		2		L92E 34N		2	
L28E 17N		4		L92E 33N		3	
L28E 16N		2		L92E 32N		6	
L32E 23N		1		L92E 31N		3	
L32E 22N		2		L92E 30N		3	
L32E 21N		1		L92E 29N		3	
L32E 20N		2		L92E 28N		3	
L32E 19N		1		L92E 27N		7	
L32E 18N		2		L92E 26N		2	
L32E 17N		2		L92E 25N		3	
L32E 16N		<2	5.00	L92E 24N		3	
L32E 15N		1		L92E 23N		3	
L32E 15AN		5	5.00	L92E 22N		3	
L32E 14N		2	5.00	L92E 21N		1	
L32E 13N		3	5.00	L92E 20N		2	
L32E 12N		<2	5.00	L92E 19N		2	
L36E 24N		5		L92E 18N		2	
L36E 23N		1		L92E 17N		2	
L36E 22N		1		L92E 16N		2	
L36E 21N		1		L92E 14N		1	
L36E 20N		4		L92E 13N		1	
L36E 19N		4	5.00	L92E 12N		3	
L36E 18N		3		L92E 11N		1	
L36E 17N		3		L92E 10N		1	
L36E 16N		3		L92E 9N		2	
L36E 15N		2		L92E 8N		2	
L36E 14N		7		L92E 7N		2	
L36E 13N		4	5.00	L92E 6N		5	
L36E 12N		1		L92E 5N		1	
L40E 24N		2		L92E 4N		3	
L40E 23N		1		L92E 3N		1	
L40E 22N		2		L92E 2N		<1	
L40E 21N		1		L92E 1N		2	
L40E 20N		1		L92E BLO		3	
L40E 19N		1		L92E-1S		1	
L40E 18N		3	5.00	L92E-2S		1	
L92E 37+50N		2		L92E-3S		2	
L92E 37N		2		L92E-4S		1	

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Geochemical Lab Report

REPORT: 016-3240 | PROJECT: KASAGIMINNIS L | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L92E-5S		1		L96E-1S		3	
L92E-6S		1		L96E-2S		3	
L92E 6+50S		<1		L96E-3S		1	
L96E 36N		1		L96E-4S		1	
L96E 35N		2		L96E-5S		1	
L96E 34N		3		L96E-6S		1	
L96E 33N		<1		L96E-15S		1	
L96E 32N		<1		L96E-16S		2	
L96E 31N		<1		L100E 36+70N		2	
L96E 30N		1		L100E 36N		2	
L96E 29N		2		L100E 35N		2	
L96E 28N		2		L100E 34N		4	
L96E 27N		2		L100E 33N		5	
L96E 26N		9		L100E 32N		4	
L96E 25N		1		L100E 31N		4	
L96E 24N		2		L100E 30N		5	
L96E 23N		2		L100E 29N		3	
L96E 22N		2		L100E 28N		10	
L96E 21N		<1		L100E 27N		3	
L96E 20N		1		L100E 26N		4	
L96E 19N		<2	5.00	L100E 25N		2	
L96E 18N		3		L100E 24N		8	
L96E 17N		3		L100E 23N		2	
L96E 16N		1		L100E 22N		2	
L96E 15N		1		L100E 21N		1	
L96E 14N		1		L100E 20N		3	
L96E 13N		1		L100E 19N		3	
L96E 12N		1		L100E 18N		3	
L96E 11N		<1		L100E 17N		2	
L96E 10N		2		L100E 16N		1	
L96E 9N		13		L100E 15N		1	
L96E 8N		4		L100E 14N		3	
L96E 7N		2		L100E 13N		1	
L96E 6N		3		L100E 12N		2	
L96E 5N		5		L100E 11N		2	
L96E 4N		2		L100E 10N		3	
L96E 3N		3		L100E 9N		3	
L96E 2N		2		L100E 8N		3	
L96E 1N		3		L100E 7N		3	
L96E 0NS		1		L100E 6N		3	

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Geochemical Lab Report

REPORT: 016-3240

PROJECT: KASAGIMINNIS L PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L100E 5N		2		L104E 13N		2	
L100E 4N		3		L104E 12N		2	
L100E 3N		3		L104E 11N		3	
L100E 2N		3		L104E 10N		1	
L100E 1N		2		L104E 9N		2	
L100E BLO		2		L104E 8N		2	
L100E-1S		<1		L104E 7N		1	
L100E-2S		4		L104F 6N		1	
L100E-3S		6		L104E 5N		2	
L100E-4S		5		L104E 4N		2	
L100E-13+50S		4		L104E 3N		2	
L100E-14S		5		L104E 2N		2	
L100E-15S		4		L104E 1N		1	
L100E-16S		4		L104E 10+40S		1	
L100E-16+50S		2		L104E-11S		1	
L104E 38N		2		L104E-13S		2	
L104E 37N		2		L104E-14S		2	
L104E 36N		<1		L104E-15S		2	
L104E 35N		1		L104E-16S		2	
L104E 34N		3		L108E 33N		2	
L104E 33N		<1		L108E 32N		2	
L104E 32N		<1		L108E 31N		4	
L104E 31N		3		L108E 30N		2	
L104E 30N		<1		L108E 29N		3	
L104E 29N		<1		L108E 28N		3	
L104E 28N		2		L108E 27N		2	
L104E 27N		3		L108E 26N		4	
L104E 26N		4		L108E 25N		3	
L104E 25N		3		L108E 24N		5	
L104E 24N		2		L108E 23N		2	
L104E 23N		3		L108E 22N		2	
L104E 22N		4		L108E 21N		2	
L104E 21N		2		L108E 20N		1	
L104E 20N		4		L108E 19N		3	
L104E 19N		2		L108E 18N		2	
L104E 18N		2		L108E 17N		2	
L104E 17N		2		L108E 16N		1	
L104E 16N		1		L108E 15N		1	
L104E 15N		3		L108E 14N		1	
L104E 14N		3		L108E 13N		2	

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Geochemical Lab Report

REPORT: 016-3240

PROJECT: KASAGIMINNIS L PAGE 4

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L108E 12N		1					
L108E 11N		1					
L108E 10N		4					
L108E 9N		3					
L108E 8N		4					
L108E 7N		5					
L108E 6N		2					
L108E 5N		3					
L108E 4N		4					
L108E 3N		4					
L108E 2N		2					
L108E-9S		2					
L108E-10S		2					
L108E-11S		5					
L108E-12S		4					
L108E-13S		4					
L108E-14S		5					
L108E-15S		4					
L108E-16S		3					
L108E-16+75S		3					
L112E 37N		3					
L112E 36N		2					
L112E 35N		2					
L112E 34N		1					
L112E 33N		7					
L112E 32N		1					
L112E 31N		<2	5.00				
L112E 30N		<1					
L112E 29N		1					
L112E 28N		1					

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Geochemical Lab Report

REPORT: 016-3241

PROJECT: WASHBURN INNIS L PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L112E 27N		3		L116E 38N		1	
L112E 26N		2		L116E 37N		2	
L112E 25N		2		L116E 36N		3	
L112E 24N		2		L116E 35N		1	
L112E 23N		3		L116E 34N		3	
L112E 22N		2		L116E 33N		4	5.00
L112E 21N		2		L116E 32N		2	
L112E 20N		1		L116E 31N		1	
L112E 19N		2		L116E 30N		2	
L112E 18N		2		L116E 29N		3	
L112E 17N		2		L116E 28N		4	
L112E 16N		1		L116E 27N		2	
L112E 15N		2		L116E 26N		2	
L112E 14N		1		L116E 25N		1	
L112E 13N		2		L116E 24N		2	
L112E 12N		<1		L116E 23N		2	
L112E 11N		<1		L116E 22N		1	
L112E 10N		2		L116E 21N		1	
L112E 9N		2		L116E 20N		<1	
L112E 8N		2		L116E 19N		1	
L112E 7N		2		L116E 18N		2	
L112E 6N		2		L116E 17N		1	
L112E 5N		3		L116E 16N		1	
L112E 4N		1		L116E 15N		1	
L112E 3N		<1		L116E 14N		1	
L112E5S		1		L116E 13N		1	
L112E6S		1		L116E 12N		1	
L112E7S		1		L116E 11N		1	
L112E8S		2		L116E 10N		2	
L112E9S		2		L116E 9N		2	
L112E10S		1		L116E 8N		1	
L112E11S		1		L116E 7N		1	
L112E12S		1		L116E 6N		1	
L112E13S		10		L116E 5N		1	
L112E14S				L116E8S		<2	5.00
L112E15S		1		L116E1S		1	
L112E16S		4		L116E9S		4	
L116E 41N		2		L116E1S		2	
L116E 40N		<1		L116E7S		1	
L116E 39N		<1		L116E8S		2	

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Geochemical Lab Report

REPORT: 016-3241

PROJECT: [illegible] FILE #

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Testing
L116E9S		1	
L116E10S		2	
L115E11S		2	
L116E12S		2	
L116E13S		2	
L116E14S		2	
L116E15S		2	
L116E16S		<1	
L120E 14N		5	
L120E 13N		5	
L120E 12N		4	
L120E 11N		4	
L120E 10N		2	
L120E 9N		3	
L120E 8N		3	
L120E 7N		2	
L120E 6N		2	
L120E1S		2	
L120E2S		1	
L120E3S		3	
L120E4S		4	
L120E5S		2	
L120E6S		2	
L120E7S		3	
L120E8S		2	
L120E9S		7	
L120E10S		3	
L120E11S		2	
L120E12S		2	
L120E13S		2	
L120E14S		1	
L120E15S		2	
L120E16S		2	
L124E 18N		1	
L124E 17N		1	
L124E 16N		1	
L124E 15N		1	
L124E 14N		1	
L124E 13N		2	
L124E 12N		2	
L124E 11N		2	
L124E 10N		1	
L124E 9N		2	
L124E 8N		1	
L124E 7N		1	
L124E 6N		1	
L124E 5N		1	
L124E 4N		1	
L124E 3N		1	
L124E 2N		1	
L124E 1N		2	
L124E 0NS		1	
L124E1S		1	
L124E2S		1	
L124E3S		4	
L124E4S		2	
L124E5S		2	
L124E6S		2	
L124E7S		1	
L124E8S		2	
L124E9S		1	
L124E10S		1	
L124E11S		1	
L124E12S		1	
L124E13S		1	
L124E14S		1	
L124E15S		1	
L124E16S		1	

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Geochemical Lab Report

REPORT: 016-3241

PROJECT: KASAGI[illegible] PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt gm
L128E 28N		2		L128E12S		2	
L128E 27N		3		L128E13S		1	
L128E 26N		3		L128E14S		1	
L128E 25N		3		L128E15S		2	
L128E 24N		3		L128E16S		2	
L128E 23N		4		L128E17S		3	
L128E 22N		2		L132E 32N		2	
L128E 21N		2		L132E 31N		2	
L128E 20N		2		L132E 30N		1	
L128E 19N		3		L132E 29N		2	
L128E 18N		3		L132E 28N		2	
L128E 17N		2		L132E 27N		1	
L128E 16N		2		L132E 26N		2	
L128E 15N		2		L132E 25N		1	
L128E 14N		2		L132E 24N		2	
L128E 13N		3		L132E 23N		1	
L128E 12N		3		L132E 22N		2	
L128E 11N		2		L132E 21N		3	
L128E 10N		2		L132E 20N		4	
L128E 9N		1		L132E 19N		2	
L128E 8N		2		L132E 18N		2	
L128E 7N		1		L132E 17N		2	
L128E 6N		1		L132E 16N		2	
L128E 5N		<1		L132E 15N		1	
L128E 4N		11		L132E 14N		<1	
L128E 3N		<1		L132E 13N		<1	
L128E 2N		2		L132E 12N		11	
L128E 1N		2		L132E 11N		1	
L128E BLO		<1		L132E 10N		1	
L128E1S		3		L132E 9N		2	
L128E2S		1		L132E 8N		1	
L128E3S		2		L132E 7N		3	
L128E4S		2		L132E 6N		<1	
L128E5S		1		L132E 5N		<1	
L128E6S		<1		L132E 4N		5	
L128E7S		<1		L132E 3N		<1	
L128E8S		<1		L132E 2N		2	
L128E9S		<1		L132E 1N		<1	
L128E10S		4		L132E BLO		1	
L128E11S		3		L132E1S		2	

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-3241

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Test Wt gm	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Test Wt gm
L132E2S		<1		L136E8S		1	
L132E3S		<1		L136E9S		<1	
L132E4S		3		L136E10S		<1	
L132E5S		3		L136E11S		<1	
L132E6S		2		L136E12S		<1	
L132E7S		2		L136E13S		1	
L132E8S		2		L136E14S		1	
L132E9S		<1		L136E15S		1	
L132E10S		<1		L140E 19N		1	
L132E11S		5		L140E 17N		3	
L132E12S		1		L140E 16N		1	
L132E13S		2		L140E 15N		1	
L132E14S		1		L140E 14N		1	
L132E15S		2		L140E 13N		1	
L132E16S		<1		L140E 12N		1	
L136E 17N		<1		L140E 11N		<1	
L136E 16N		4		L140E 10N		1	
L136E 15N		<1		L140E 9N		2	
L136E 14N		2		L140E 8N		1	
L136E 13N		2		L140E 7N		1	
L136E 12N		<1		L140E 6N		1	
L136E 11N		1		L140E 5N		2	
L136E 10N		<1		L140E 4N		2	
L136E 9N		1		L140E 3N		2	
L136E 8N		2		L140E 2N		2	
L136E 7N		1		L140E 1N		1	
L136E 6N		<1		L140E 0+50S		2	
L136E 5N		2		L140E 1S		1	
L136E 4N		1		L140E 2S		1	
L136E 3N		<1		L140E 3S		1	
L136E 2N		<1		L140E 4S			
L136E 1N		<1		L140E 5S		1	
L136E 0+50S		<1		L140E 6S		<1	
L136E 1S		<1		L140E 7S		<1	
L136E 2S		<1		L140E 8S		<1	
L136E 3S		<1		L140E 9S		<1	
L136E 4S		<1		L140E 10S		<1	
L136E 5S		<1		L140E 11S		<1	
L136E 6S		<1		L140E 12S		<1	
L136E 7S		2		L140E 13S		<1	

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-3241

PROJECT: [illegible] PAGE 1

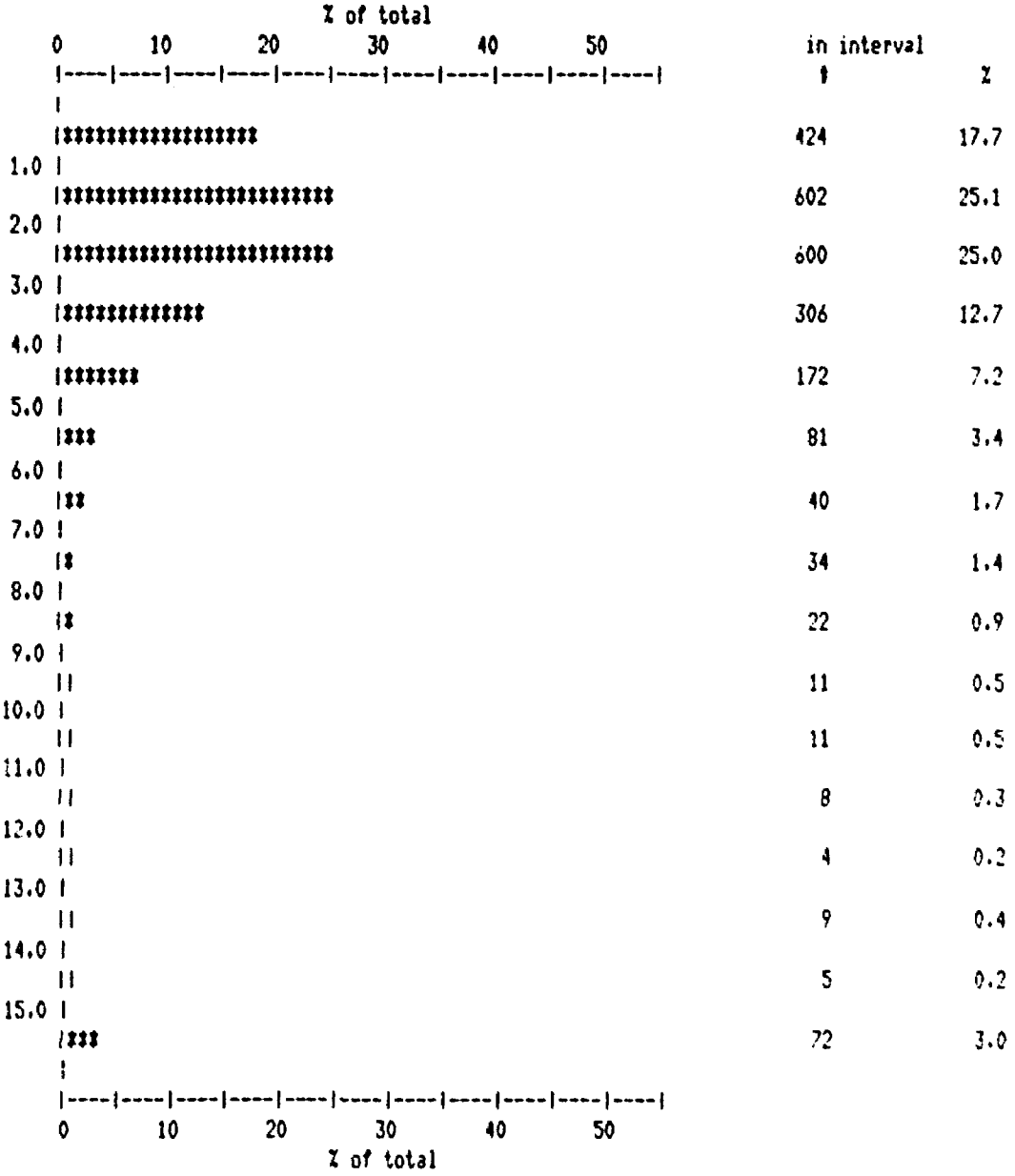
SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt g	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	TestWt g
L140E14S		<1					
L140E15S		<1					

APPENDIX D

FREQUENCY HISTOGRAMS AND STATISTICAL ANALYSIS

PROJECT: KASAGIMINNIS
GEOCANEX LIMITED

Histogram for Gold (AU) Values in PPB

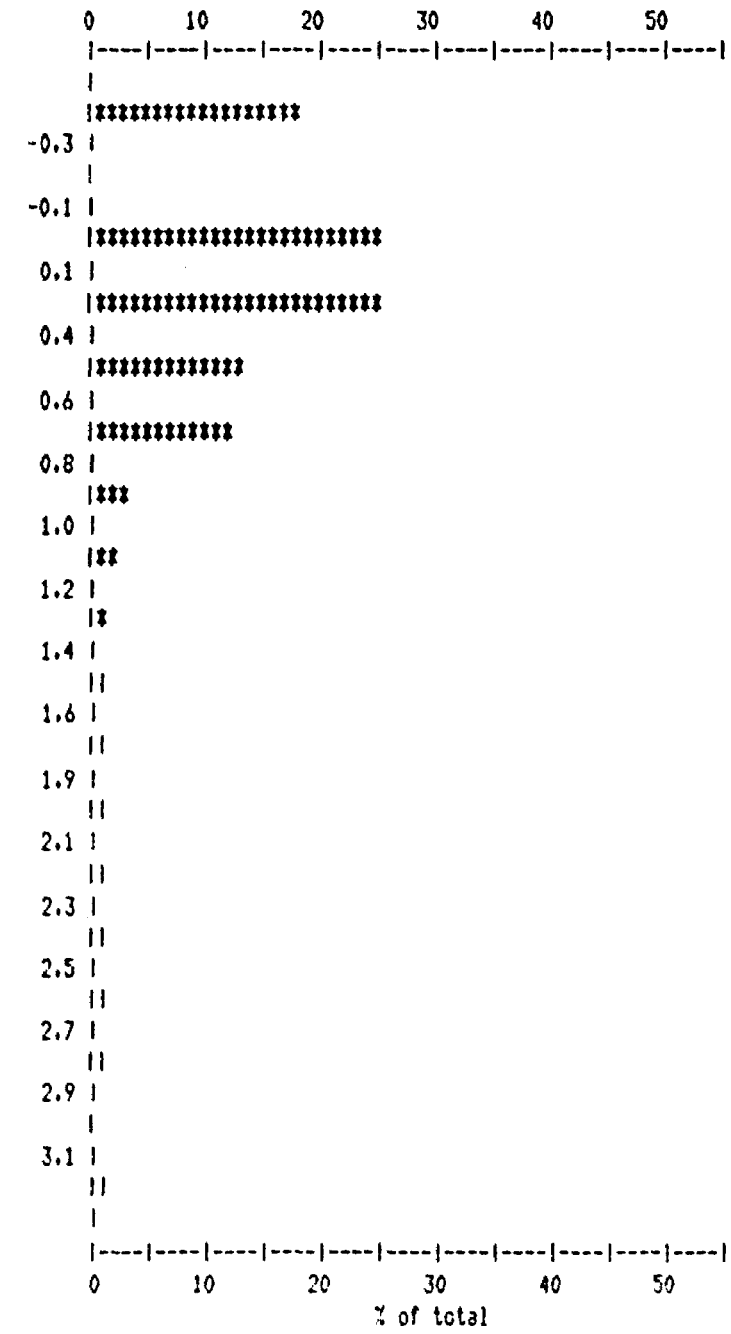


Summary Statistics

Number of samples	2401	Mean value	5.0
Number of intervals	16	Standard Deviation	38.01
Minimum value	0.5	Skewness	30.08
Maximum value	1531	Kurtosis	1115.431
Median value	2		
Modal Range	greater than 1.0 to less than 2.0		
Values in modal range	602 (25.1 % of total)		

PROJECT: KASAGIMINNIS
GEOCANEX LIMITED

Histogram for LOG AU (LOGAU)



Summary Statistics			
Number of samples	2401	Mean value	0.3
Number of intervals	18	Standard Deviation	0.43
Minimum value	0	Skewness	1.28
Maximum value	3	Kurtosis	2.521
Median value	0.3		
Modal Range	greater than 0.1 to less than 0.4		
Values in modal range	603 (25.1 % of total)		

APPENDIX E

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
4501	11+60N,19+00E	Grab	Sh'd mafic int. volcanics with tr. po,py. and parallel QV 3"x10'.	1
4502	11+75N,19+00E	Grab	2" QV with epid., possibly pillow selvage chl. WR.	4
4503	8+80N,20+50E	Grab	1" qtz. filled frac. parallel to fol'n., c.g. knobby, chl. maf.-int. volcanic with tr. py.	1
4504	1+90S,5+20E	Grab	4"x2' QV, concord. with inter-bedded int.-sil-int.-fel. tuffs	1
4505	3+90S,2+80E	Grab	2" QV in qtz.-chl.-gnt.-biot. sch., heavy ochre, tr. py., hem-lim. staining, concord.	<1
4506	2+80S,2+50E	Grab	4" QV crosscutting in sil.int-fel. tuff.	<1
4507	3+55S,0+50E	Grab	Highly weathered ochrous gossan on foliated, granular qtz.-biot.-gnt. sch.	<1
4508	3+35S,0+50E	Grab	16" QV with hem.-lin. staining, chl.-biot. WR, same host as 4507.	<1
4509	3+60S,0+75E	Grab	6" QV as per 4508.	<1
4510	3+90S,1+60E	Grab	2-3" QV's parallel, 6" apart, concord, as per 4508.	<1
4511	5+55N,0+70W	Grab	12" QV, concord, lim. staining on contact with int. flows and tuff.	<1
4512	5+50N,0+50E	Grab	24" QV, 20' long as per 4511.	<1
4513	5+50N,0+60E	Grab	24" QV, 20" long irregular concord.-crosscutting, as per 4511.	<1
4514	8+20N,0+00	Grab	Sheared fel.-int. tuff, sil., ser. with 2" crosscutting QV hornbl. or tl. needles tr.-0.59% py on frac. foln.	66

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
4515	7+80N,1+10E	Grab	2" crosscutting QV with c.g. hornblend WR alt'n. in sil. int. volc.	7
4516	35+50S,8+75E	Grab	v.c.g. qtz.-kspar. albite pegmatite granite.	6
4517	29+30S,4+10E	Grab	3"x2' qtz. stringer in granite-metavolc. contact zone.	3
4518	30+00S,2+40E	Grab	2'x6' qtz. blob, concord. with fol'n. in banded, altered int. volc., contact (north) has rusty qtz. with 2-3% biot., tr. -1% euhedral molybdenite	1 28ppb Mo.
4519	30+00S,2+30E	Grab	8" QV, crosscutting foln. in altered int. volc.	2
4520	24+65S,28+00W	Grab	7" QV concord with bas.-dac. tuff.	1
4521	25+40S,L28+00W	Grab	Int. tuff with tr. -0.5% py. as fracture filling.	1
4522	25+45S,27+80W	Grab	4" QV concord with int. tuff	10
4523	25+80S,27+60W	Grab	6" QV concord-crosscutting, undulating, hem. lim. staining in fel. ml. flow.	3
4524	25+80S,27+20W	Grab	8" QV concord with int. flows with epidote.	1
4525	26+40S,27+80W	Grab	Numerous qtz. stringers in fel. tuff with minor lenses of int. tuff.	1
4526	30+70S,28+00W	Grab	4" QV concord. with knobby mafic flows slight lim. staining on contacts.	1
4527	24+15S,24+50W	Grab	6" QV concord with sil. cc. int. flow or tuff, highly foliated.	38

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
4528	24+45S,28+10W	Grab	2" QV in cc. sil. int. flow or tuff highly foliated, slight lim. stain.	7
4529	18S,4+00W	Grab	1" QV in well foliated med. grained felsic-int. volc. tuff? QV chl. rich grey.	7
4530	17+10S,4+00W	Grab	10" QV in lopelli tuff in f.g. int.-fel. volc. highly foliated.	6
4531	24+70S,37+50W	Grab	5" QV concord. with fol'n. in int.-mafic carbonated flows with epidote rich bands.	<1
4532	31+25S,37+50W	Grab	8" QV interflow concord. with fol'n. in c.g. massive mafic flows, minor epidote, tl. amphib. needles, lim. staining.	6
4533	31+25S,37+65W	Grab	6" qtz. blob along dislocation fracture intersecting qtz.-epid. interflow in c.g. mafic flows.	8
4534	2+30N,59+50W	Grab	Sil. sh. in int. volc., parallel to fol'n., lt. grey-green, rusty weathering.	<1
4535	9+05N,59+35W	Grab	3" qtz. stringer in fel.-int. tuff, minor lim. staining chl.	<1
4536	8+40N,56+C0W	Grab	6" sil. sh. as per 4534 in int.-mafic volcanics, tr.-1% py.	<1
4537	8+30N,56+00W	Grab	6" as per 4534, with angular qtz. blebs, hem.	<1
4538	3+12N,51+70W	Grab	Int. flow, tr. -0.5% po. tr. py. in slightly sheared zone.	<1
4539	7+90N,52+90W	Grab	Shear zone in int. flows & tuff greyish-green cc., sil. alteration with tr. -0.5% py., rusty weathering.	<1

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
4540	8+00N,53+50W	Grab	As per 4539, with hem-lim. weathering, qtz. blebs.	<1
4541	4+20N,0+95N	Grab	3' QV concord. with int. flows and tuff.	<1
4542	3+35N,0+00	Grab	Alteration zone in int. volc. sil., cc., tr.py., epid?	<1
4543	2+85N,0+00	Grab	0.1' qtz. stringer in altered int. flows, tr.py., lim. stain.	<1
4544	2+40N,0+20N	Grab	As per 4542, 0.5-1% dissem. py.	<1
4545	3+10N,0+60W	Grab	As per 4542, wide alteration zone with pockets of 3-5% py. lim.-hem. gossan, thick banded-cherty qtz, int.-maf. c.s. with 0.5-1% py., c.g. amphib., 5-7% cc. throughout.	<1
4546	18+75S	Grab	QV in E-W striking int. volc. concord.	2
4547	3+75S,11+60W	Grab	2" QV slightly crosscutting fol'n in int. volc., hem. stain.	<1
4548	13+55N,15+85W	Grab	12-16" shear in fel. tuff with cherty alt'n., q. stringers 1-2% dissem. py.	<1
4549	13+60N,15+70W	Grab	8" QV in fel.-int. tuff, sub-parallel to fol'n, clean qtz.	<1
4550	17+90N,13+60W	Grab	2" QV in int. flows, slightly crosscutting.	2
4551	17+90N,13+75W	Grab	2" QV crosscutting fol'n in int.-maf. flows.	1
4552	18+10N,12+80W	Grab	2" QV crosscutting fol'n in maf. flows cc. lim. stain.	1508

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
4553	10+25N,53+50W	Grab	+3' shear zone in int.-maf. volc. q. blobs, stringers, cherty greyish-green alt'n, tr. py., c.s. with garnets.	20
4554	10+00N,53+70N	Grab	Grab, shear zone in sil. cc, int.-maf., volc, numerous blue-grey qtz. stringers with lim. on contacts tr. -1% py.po.	10
4555	17+70N,52+00W	Grab	Sheared fel. flow (qtz.-ser. schist) with stringers and veins, lim. stain.	6
4556	18+35N,51+45W	Grab	6-8" undulose metased. band. (siltst.-mudst) in int.-maf. tuff.	2
4557	18+70N,52+00W	Grab	6" metased. band. with 20% gnt.	4
4558	20+60N,50+70W	Grab	+6' shear zone in maf.-int. volc. with qtz. blebs, 3-5% py. lim. stain. cc, greyish-green cherty alt'n with rotated maf. fragments.	<1
4559	18+00N,19+90W	Grab	12" QV in meta.-int. volc. veins discord. by 15°.	1
4560	8+70N,20+90W	Grab	2" QV in slightly fol'n. meta.-int. volc.	1
4561	18+10N,19+90W	Grab	6" wide QV in a generally more massive meta.-int. volc.	2
4562	18+50N,20+00W	Grab	20" wide band of qtz. chl., chl. magnetic, py. visible.	1
4563	9+70N,47+85W	Grab	+3' QV in sheared int.-maf. volc. hvy. hem. stain, tr. py in WR.	2
4564	10+25N,48+80W	Grab	Shear zone in int.-maf. volc. with qtz. stringers, tr. py. tr. asp, hvy. hem. ochre.	58

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
4565	10+10N,48+85W	Grab	2' shear zone-fracture zone, cherty, cc rich alteration, tr. 0.5% fig. dissem. py., tr. fig. po., tr. m.g. asp.	1
4566	10+55N,48+10W	Grab	1' int. intrusive banded with int. flows and mafic c.g. flows, qtz stringers perpend. to contact with mafic.	1
4567	13+45N,47+60W	Grab	9" late stage felsic dyke, crosscutting int.-maf. flows with sugary pegmatite qtz. and Li lepidolite and green mica and lt. blue mineral (zoisite?).	1363 162ppm
4568	13+40N,47+40W	Grab	8" QV roughly parallel to 4567 Z-folded, clean qtz.	40
4569	4+00S,25+00W	Grab	12" qtz in shear zone, magnetic kick po? runs 100°.	5
4570	4+05S,25+00W	Grab	5' wide shear zone, metased. schistosity, magnetic 100° strike.	1
4571	3+80S,25+70W	Grab	QV with chl., magnetite po? 4" wide trending E-W.	<1
4572	7+00N,24+35W	Grab	QV running 86° discordant with foliation 96° 2" wide.	<1
4573	11+15N,24+10W	Grab	5" wide shear zone concord. with fol. chl.-qtz. feld.; grab sample.	2
4574	16+55N,24+00W	Grab	Grab sample of iron-rich sed. Fe-formation?, magnetite-chert.	7
4575	19+20N,23+80W	Grab	7" wide qtz, chl. zone in int. volc. flow.	5
4576	17+70N,24+25W	Grab	3" wide qtz. vein is offset in places found in int. volc. with abundant qtz. stringers throughout parallel to foliation.	2

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
4577	18+00N,24+8W	Grab	6" wide qtz vein in same outcrop as 4576.	2
4578	5+40N,27+30W	Grab	8" wide qtz vein in a swarm chl.-bi.-qtz.-musc. In a fine-grained fol. (103°) int. volc.	<1
4579	22+00N,43+40W	Grab	8" QV, pinching, concord. with fol'n. in maf. volc.	1
4580	15+35N,43+70W	Grab	4" qtz. stringer in fel.-int. volc. (dacitic).	1
4581	9+00N,44+65W	Grab	8" QV, concord. with fol'n. in int. volc.	1
4582	5+45N,27+90W	Grab	4" QV concord. with fol'n. in int.-maf. rocks.	<1
4583	12+40N,33+00W	Grab	Grab sample of mag. high outcrop abundant qtz. stringers parallel to fol'n., visible po. hematitic weathering of maf.	3
4584	6+05N,32+10W	Grab	4" QV in Fe-rich zone of int.-maf. visible py. discordant 130°.	<1
4585	2+30N,0+00	Grab	2' QV in sil. int. volc. with potassic alteration, hem.-lim. stain tr. cc., trepid, poorly foliated to massive.	<1
4586	2+10N,0+00	Grab	Highly altered, potassic alt'n cc. in fractures, int. volc.	<1
4587	1+70N,0+00	Grab	cc, mylonitized zone in int.? volc., c.g. chl. alt'n with 3-5% py., wispy qtz stringers 3-5%cc 1-2% py on fractures.	15
4588	17+93S,4+00W	Grab	4' sheared interbedded fel. flows and tuff and int. tuff with 1-5% dissem. fig. secondary asp.	40

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
4589	17+65S,3+70W	Grab	Sheared gabbro, fel. g.m. with 50-60% amphibolitized chl. hem.-lim. stain.	2
4590	17+40S,3+75W	Grab	Qtz. stringers and blebs in interbedded int.-fel. tuff.	3
4591	18+70S,0+30E	Grab	Qtz. stringers and veins concord. crosscutting in fel. tuff. hem. stain.	2
4592	24+40S,0+10W	Grab	2" QV in filling a minor sinistral fault in banded int. fel. tuff.	1
4593	7+60N,37+35W	Grab	3" QV in a schistosic shear zone in maf. volc. staining concord.	1
4594	8+05N,37+50W	Grab	16" QV in schistosic maf. volc. concord. with fol'n. py. in volc.	1
4595	11+60N,35+00W	Grab	4' QV in magnetite maf. oxide-iron formation concord. with fol'n.	<1
4596	11+60N,35+00W	Grab	Chl. shear zone QV 4595.	2
4597	11+60N,35+00W	Grab	Grab sample of whole (oxide facies iron formation) outcrop i.e. visible magnetite-hem.	10
4598	11+60N,35+00W	Grab	6" wide QV in shear zone discord. with fol'n.	5
4599	12+10N,35+00W	Grab	15" QV in oxde facies iron formation (mag. maf. flow).	<1
4600	17+15S,2+75E	Grab	Numerous qtz. stringers in int. tuff, clean qtz.	6
9601	16+75S,3+00E	Grab	Qtz stringers in int. tuff, clean qtz.	1
9602	18+60S,3+75E	Grab	1' lim. metased. band in thick metased. sequence.	<1

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
9603	17+88S,5+00E	Grab	8" QV crosscutting gabbro, hem. lim. stain.	<1
9604	17+65S,5+45E	Grab	6" QV crosscutting gabbro, hem lim. stain.	<1
9605	0+35N,12+40E	Grab	30" QV concord. with fol'n. in int. flows.	1
9606	0+10N,21+10E	Grab	15" qtz maf. shear alteration zone, hem. stain.	18
9607	0+10N,21+10E	Grab	QV in shear zone 2' wide in cherty, garnet schist.	<1
9608	1+00N,23+90E	Grab	13" wide QV discordant in int. volc.	4
9609	3+20N,24+90E	Grab	5" QV surrounding pillow in med. grained int. volc.	252
9610	0+50S,[illegible]+40E	Grab	3' wide QVing in a zone of banded int. volc.	12
9611	4+00S,16+00E	Grab	Metased. with py. film on fractures, listric micro-faulting, cherty bands.	2
9612	4+80N,36+15E	Grab	3" wide magnetite rich cherty shear alteration zone, py.	<1
9613	4+00N,34+85E	Grab	4" shear zone, magnetic ilmenite hem stained.	1
9614	4+00N,36+00E	Grab	12" zone possible extension of 9613 in banded chert iron formation?	<1
9615	3+50N,35+80E	Grab	Cherty felsic tuff with hem.-lim. stain.	<1
9616	1+50N,35+95E	Grab	Tr.-0.5% py. in metased.-int. tuff.	<1
9617	1+60N,36+05E	Grab	16" QV in metased.-int. tuff	<1

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
9618	1+75N,36+05E	Grab	24" composite QV in metased.-int. tuff.	1338
9619	3+80N,40+00E	Grab	4' QV, pinching, highly fractured with chl. lim. hem. infillings, in altered int.-maf. volcanic.	7
9620	1+35S,44+20E	Grab	9" QV and stringers in sheared metsed.	3
9621	1+30S,44+30E	Grab	Sheared metased. with lim. weathering, tr. 0.5% py on fractures.	3
9622	24+30N,35+40E	Grab	4" QV discord. in int. volc. py. aspy.	4
9623	24+40N,36+85E	Grab	3" QV dirty colour in int. volc. py. aspy.	2
9624	24+60N,38+00E	Grab	5" QV in int. volc. rocks.	<1
9625	25+20N,45+10E	Grab	2" QV discord. hem. weathering in int. volc.	5
9626	25+20N,45+10E	Grab	Grab sample of hem. weathered py rich int. volc.	1
9627	26+40N,48+15E	Grab	3' wide zone of 3 QV all interconnected abundant py. tr. cpy.	1
9628	17+18S,7+75E	Grab	9" wide qtz vein in metased. gabbro-grab.	<1
9629	10+25N,52+00E	Grab	2" QV in magnetite-chert iron formation.	1
9630	10+25N,52+00E	Grab	grab sample of magnetite-chert and magnetic maf.	2
9631	25+10N,49+00E	Grab	2" QV in int. volc. tuff visible py. cobe.	4
9632	2+80N,4+00E	Grab	Numerous qtz stringers in int.-maf. tuff.	<1

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
9633	4+60N,2+50E	Grab	Narrow intense shear with sil. ochre, cc. in int. tuff.	4
9634	8+35N,4+00E	Grab	Finely lam. fel.-int. tuff, sil., cc., tr. py. cpy.	127
9635	8+30N,3+50E	Grab	As per 9634 with tr. -0.5% py. cc., qtz stringers.	17
9636	10+80N,55+85E	Grab	Grab sample of magnetite-chert in maf.-int. volc.	4
9637	6+80N,60+00E	Grab	1" QV in maf. volc. visible py.	3
9638	9+10N,59+05E	Grab	Qtz. blebs in metased. south of mag. high lim.	1
9639	9+95N,59+95E	Grab	Grab sample of chert-magnetite in int. volc.-metased. some carb.	7
9640	13+85N,60+00E	Grab	Chert-carbonate zone in int. volc.	<1
9641	BL18+00N,64+00E	Grab	6" QV crosscutting int.-fel. tuff, chl. minor hem.	<1
9642	38+30N,90+85E	Grab	6" qtz blob in granite, tr. py. along contact.	2
9643	36+80N,94+15E	Grab	int.-fel. volc. with epid.-qtz. beds, tr. 0.5% py. cpy.	3
9644	36+82N,94+15E	Grab	Boudinaged albite-granodiorite-porphyry, 0.5-1% dissem. m.g. py. with qtz. blobs.	4
9645	19+90N,62+30E	Grab	Grab sample on chert-magnetite strings in int.-fel. mixed tuff, minor curb.	3
9646	16+85N,60+00E	Grab	1" QV in felsic tuff	7
9647	16+65N,60+45E	Grab	4" QV in fel. tuff hem. stain.	2
9648	24+25N,80+60E	Grab	15" qtz. swarm in int.-fel. volc.	3

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
9649	27+00N,91+10E	Grab	2" qtz. stringers in fel.-int. tuff chl., hem. lim.	8
9650	20+20N,91+52E	Grab	6" OFBIF, chert, mag. c.s., sheared.	2
9651	21+00N,83+80E	Grab	13" SFBIF, c.s. chert 7-10% py. as masses and stringers, heavy lim. weathering.	18
9652	24+50N,86+70E	Grab	Cherty int. tuff or fel. tuff?	1
9653	24+50N,86+70E	Grab	2" cherty-QV as per 9652.	1
9654	45+00N,147+60E	Grab	2" QV discord. with maf. volc. near granite contact.	<1
9655	24+20N,81+20E	Grab	2" qtz. swarm parallel to fol'n. in int. tuff.	32
9656	13+00N,80+40E	Grab	2" qtz. blebs in int. fel. tuff	2
9657	16+65N,88+00E	Grab	3" QV in granite-pegmatite dyke, crosscutting maf. flows and tuff.	1
9658	16+55N,87+80E	Grab	Qtz. stringers in maf. tuff near contact with 9657 lim. stain.	4
9659	36+60N,92+70E	Grab	1" QV crosscutting int. tuff, 3-5% dissem. m.g. py.	2
9660	36+60N,92+70E	Grab	1' granodiorite dyke, cross-cutting 9659, qtz. stringer with tr. -0.5% m.g. py., hem. stain.	<1
9661	14+60N,83+00E	Grab	2" QV in maf. tuff, concord.	<1
9662	14+60N,83+00E	Grab	1" felsite vein crosscutting fol'n. 9661.	5
9663	16+00N,84+20E	Grab	2" QV in maf.-tuff.	<1
9664	24+00N,83+00E	Grab	3" QV concord. in maf. tuff.	1
9665	24+20N,83+00E	Grab	4' hem. stained, lean OF-SFBIF within a maf. int. tuff.	5

GRAB SAMPLE ANALYSES AND DESCRIPTIONS

Sample No.	Location	Type	Description	Assay Au ppb
9666	24+50N,111+40E	Grab	1"-3" qtz. stringers in sheared fel. or metased.	<1
9667	24+40N,111+10E	Grab	1' metased. band with cherty g.m., abundant garnets, biotite-magnetite chlorite bands, 3-5% magnetite, lim. staining.	2
9668	36+00N,124+95E	Grab	3" QV in int.-maf. tuff.	708
9669	18+05N,12+00W	Grab	2" QV, vuggy, recessively weathered, 3-5% cc., chl. amphib. Z-folded in maf. volc. pillows.	844
9670	18+30N,12+05W	Grab	1" Z-folded QV on contact between maf. tuff and pillows.	420
9671	18+40N,12+02W	Grab	2" QV, tightly Z-folded, spotty lim. hem. staining, tr. cu. grey metallic sulphide.	404
9672	18+65N,12+15W	Grab	4" sheared tuffaceous interflow with qtz. stringers.	135
9673	18+10N,12+80W	Grab	Repeat of sample 4552, 3" QV in sheared maf. pillows.	157
9674	17+84N,13+75W	Grab	28" QV crosscutting maf. offshoots, lim.-hem. staining, 6' south of 4551.	463
9675	18+75N,13+20W	Grab	As per 9672, with 3" QV.	44

APPENDIX F

GRAB SAMPLE - ROCK ANALYTICAL CERTIFICATES

Bondar-Clegg & Company Ltd.
[illegible] Rd.,
O[illegible]ntario,
Ca[illegible]K1J 8X5
Phone: (613) 749-2220
Telex: 053 3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-2630

PROJECT: [illegible]

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
4501		1
4502		4
4503		1
4504		1
4505		<1
4506		<1
4507		<1
4508		<1
4509		<1
4510		<1
4511		<1
4512		<1
4513		<1

Date Rec'd .....
To: H.J.H. .....
J.H.A. .....
J.M.H. .....

File: .....
.....
.....

Bondar-Clegg & Company Ltd.
5420 [illegible] Rd.,
Ott[illegible]
Ca[illegible]
Phone: (613) 749-2220
Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-2711

PROJECT: KAMINISTIQUIA L PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Au PPB
4514			66
4515			7
4516			6
4517			3
4518		28	1
4519			2
4520			1
4521			1
4522			10
4523			3
4524			1
4525			1
4526			1
4527			38
4528			7
4529			7
4530			6
4531			<1
4532			6
4533			6

Date Rec'd 91276

To: H.J.H.

J.H.A.

J.M.H.

File:

Bondar-Clegg & Company Ltd.
5420 [illegible] Rd.,
Ott[illegible]ario,
Can[illegible]3 8X5
Phone: (613) 749-2220
Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-2687

PROJECT: [illegible] PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
4534		<1 <1
4535		<1 <1
4536		<1 <1
4537		<1 <1
4538		<1 <1
4539		<1 <1
4540		<1 <1
4541		<1 <1
4542		<1 <1
4543		<1 <1
4544		<1 <1
4545		<1 <1
4546		2 2
4547		<1 <1
4548		<1 <1
4549		<1 <1
4550		3 2
4551		1 1
4552		1508 1508

Date Rec'd

To: H.J.H.
J.H.A.
J.M.H.

File:

Bondar-Clegg & Company Ltd.
5430 [illegible] Rd.,
Ott[illegible] Ontario,
Can[illegible] K1J 8X5
Phone: (613) 749-2220
Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-2941

PROJECT: [illegible]

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB
4553		30	4593	4593	1
4554		10	4594	4594	1
4555		6	4595	4595	<1
4556		2	4596	4596	2
4557		4	4597	4597	10
4558		<1	4598	4598	5
4559		1	4599	4599	<1
4560		1	4600	4600	6
4561		2	9601	9601	1
4562		1	9602	9602	<1
4563		2	9603	9603	<1
4564		58	9604	9604	<1
4565		1	9605	9605	1
4566		1	9606	9606	18
4567		1363	9607	9607	<1
4568		40	9608	9608	4
4569		5	9609	9609	252
4570		1	9610	9610	12
4571		<1	9611	9611	2
4572		<1	9612	9612	<1
4573		2	9613	9613	1
4574		2	9614	9614	<1
4575		5	9615	9615	<1
4576		2	9616	9616	<1
4577		2	9617	9617	3
4578		<1	9618	9618	1398
4579		1	9619	9619	7
4580		1	9620	9620	3
4581		1	9621	9621	1
4582		1			
4583		2			
4584		1			
4585		1			
4586		1			
4587		10			
4588		27			
4589		1			
4590		2			
4591		1			
4592		1			

Bondar-Clegg & Company Ltd.
3420 [illegible] Rd.,
Ott[illegible]ntario,
Cana[illegible] 8X5
Phone: (613) 749-2220
Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-2876

PROJECT: [illegible]

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
9622		4
9623		2
9624		<1
[illegible] 35		5
9626		1
9627		1
9628		<1
9629		1
9630		2
9631		4
9632		<1
9633		4
9634		127
9635		17
9636		4
9637		3
9638		1
9639		7
9640		<1
9641		<1

Date Rec'd [illegible]

To: H.J.H.

J.H.A.

J.M.H.

File:

Bondar-Clegg & Company Ltd.
5420 [illegible] Rd.,
Ott[illegible]rio,
Canada[illegible] 8X5
Phone: (613) 749-2220
Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: C16-3064

PROJECT: [illegible] PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
9642		12
9643		3
9644		4
9645		3
9646		7
9647		2
9648		3
9649		8
9650		2
9651		18
9652		1
9653		1
9654		<1
9655		32
9656		2
[illegible]57		1
9658		4
9659		2
9660		<1
9661		<1
9662		5
9663		1
9664		1
9665		5
9666		1
9667		2

Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
Ottawa, Ontario,
Canada K1J 8X5
Phone: (613) 749-2220
Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 016-3242

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
9668		708
9669		844
9670		42
9671		404
9672		135
9673		157
9674		463
9675		44

Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
Ottawa, Ontario,
Canada K1J 8X5
Phone: (613) 749-2220
Telex: 053-3233

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 116-2941 116-2941

PROJECT: KESAGAMIMAKIS L 7403 L

SAMPLE NUMBER	ELEMENT UNITS	Li ppm
4567	4567	162 162

APPENDIX G

PROPOSED DIAMOND DRILL HOLE COLLARS

PROPOSED DRILL COLLARS

Co-ordinates	Azimuth	Dip	Depth	Targets	Features
52W,11+90N	Grid S	-45°	325'	Moderate strength VLF-EM, magnetic embayment.	Truncated VLF-EM near possible fault.
48W,18+909N	Grid S	-45°	270'	Moderate strength VLF-EM, disrupted magnetic horizon.	Truncated VLF-EM near possible fault. Anomalous gold in rock samples nearby.
48W,3+45S	Grid S	-45°	350'	Strong, continuous VLF-EM, magnetic high and associated embayment.	Possible folding and/or shearing of iron formation or magnetite rich sediments in contact with volcanics.
42W,3+60N	Grid S	-45°	525'	Strong, converging magnetic anomalies irregular VLF-EM.	Possible fold nose in close proximity to interpreted fault.
25+50W,4+15S	Grid S	-45°	450'	Enhanced magnetic anomaly with associated embayment, strong VLF-EM.	Fold in close proximity to fault.
21+50W,22+00N	Grid S	-45°	480'	Enhanced magnetics no VLF-EM.	Possible folded iron formation.
20W,13+45N	Grid S	-45°	260'	Embayment in strongly magnetic horizon, no VLF-EM.	Possibly faulted iron formation.
20W,7+00N	Grid S	-45°	260'	Embayment in strongly magnetic horizon with moderate strength VLF-EM.	Mineralized horizon associated with coincident fault zone.
16W,10+20N	Grid S	-45°	370'	As above.	As above.
13W,18+50N	Grid S	-45°	300'	Magnetic embayment associated with moderate strength magnetic horizon rock samples with analyses of 135-1,508 ppb gold in target area.	Possible drag folded volcanics in close proximity to a fault zone.
8W,21+55S	Grid S	-45°	350'	A moderate strength VLF-EM response background gold values in silicified and carbonated volcanics.	Possibly a mineralized shear zone.
10E,1+65S	Grid S	-45°	600'	Strong magnetic embayments associated with moderate strength magnetic horizon, moderate to strong VLF-EM axes-coincident with magnetics.	Possible folded iron formation highly conductive horizons which could be massive sulphides in close proximity to an interpreted fault.
20E,4+00N	Grid S	-45°	300'	Magnetic embayment associated with truncated, moderately magnetic horizon.	Possibly faulted iron formation.
26E,11+45N	Grid S	-45°	630'	Flank of very strong magnetic unit with associated embayment and strong VLF-EM response.	Possibly faulted, thick band of iron formation with sulphide bodies.
32E,1+90S	Grid S	-45°	300'	Strong-moderate strength VLF-EM response, associated soil geochemical anomaly of up to 573 ppb gold.	Possible fault across conductive horizon in sediments.

PROPOSED DRILL COLLARS

Co-ordinates	Azimuth	Dip	Depth	Targets	Features
40E,12+50N 40E,8+50N 40E,5+60N 40E,2+50N	Grid S Grid S Grid S Grid S	-45° -45° -45° -45°	550' 400' 450' 300'	Two strong VLF-EM conductors with erratic magnetics, 3 line geochemical anomaly, rock sample 9,618 analyzed 1,338 ppb.	Possibly highly faulted/sheared zone with anomalous gold values present in soil.
52E,13+10N	Grid S	-45°	290'	Moderate strength VLF-EM response with magnetic embayment on flank of magnetic high.	Possible shearing or faulting of iron formation with sulphide replacement.
72E,7+85N	Grid S	-50°	290'	A moderate strength VLF-EM response is coincident with a magnetic embayment.	Possible sulphide rich horizon related to faulting.
76E,19+90N	Grid S	-50°	280'	Moderate strength VLF-EM response is truncated by a magnetic anomaly.	Possible fault dislocation of a band of iron formation with associated sulphide replacement body.
88E,22+75N	Grid S	-50°	280'	A magnetic high and associated embayment are crossed by a moderate strength VLF-EM response.	Possibly a shallow angle, cross-cutting fault or shear zone in iron formation.
108E,15+95N	Grid S	-50°	300'	A broad zone of elevated magnetics crosscut by a moderate strength VLF-EM response.	Possibly folding with a cross-cutting shallow angle shear.
128E,28+00N	Grid S	-50°	460'	A magnetic embayment between two magnetic highs, no VLF-EM response.	Possibly a fold or fault in a strong band formation.
132E,35+55N	Grid S	-50°	290'	A moderate strength, spotty VLF-EM response.	Possibly a narrow shear zone.
	Total Footage		9,660'		

COUCHEEMOSKUC LAKE

52Ø/08SW
LITTLE OCHIG LAKE
M-3188
SCALE: ONE INCH = 40 CHAINS
40 CHAINS

Osnaburgh

Indian Reserve

No. 63B

DOGHOLE LAKE AREA G-2007

52008SW0013 52008SW0017 LITTLE OCHIG LAKE

Ontario — Ministry of Northern Affairs and Mines — P.Pinhatte Mining Lands

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

#87-23
29758
Mining Act

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)	Township or Area
Geological & Geochemical	G 2104 Little Ochig Lake

Claim Holder(s)	Prospector's Licence No.
Power Explorations Inc.	T-4642

Address: 804 - 34 King Street East, Toronto, Ontario.

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Geocanex Ltd.	13 7 86 (Day Mo. Yr.) 18 8 86 (Day Mo. Yr.)	52.3

Name and Address of Author (of Geo-Technical report): Robert A.V.Higginson, R.R.#1 , Oro, Ontario

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	40
	Geochemical	40

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
See Attached					

PATRICIA MINING DIV
RECEIVED
FEB -4 1987
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits
Total Expenditures: S ÷ 15 = Total Days Credits

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.

Pa. 769495

Total number of mining claims covered by this report of work: 80

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
6400	Feb. 4, 1987	
	Date Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Feb 2/87	

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: H.J.Hodge, P.Eng., 804 - 34 King St. East, Toronto, Ontario M5C 1E5

Date Certified	Certified By (Signature)
Feb 2/87	

Ministry of Northern Affairs and Mines
Ontario
L. Pinhatte Mining Lands

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

#87-23
29758
Mining Act

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): Geological & Geochemical

Township or Area: G 2104 Little Ochig Lake

Claim Holder(s): Power Explorations Inc.

Prospector's Licence No.: T-4642

Address: 804 - 34 King Street East, Toronto, Ontario.

Survey Company: Geocanex Ltd.

Date of Survey (from & to): 13 7 86 (Day / Mo. / Yr.) 18 8 86

Total Miles of line Cut: 52.3

Name and Address of Author (of Geo-Technical report): Robert A.V.Higginson, R.R.#1 , Oro, Ontario

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	
	Geophysical - Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Other	
	Geological	40
	Geochemical	40

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	Geophysical - Magnetometer	
	Geophysical - Radiometric	
	Geophysical - Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
See Attached					

PATRICIA MINING DIV
RECEIVED
FEB – 4 1987
A.M. 7 8 9 10 11 12 1 2 3 4 5 6 P.M.

Pa. 769495

Total number of mining claims covered by this report of work: 80

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits
Total Expenditures: $ ÷ 15 = Total Days Credits

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: Feb 2/87
Recorded Holder or Agent (Signature):

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
6400	Feb. 4, 1987	
	Date Approved as Recorded	Branch Director

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: H.J.Hodge, P.Eng., 804 - 34 King St. East, Toronto, Ontario M5C 1E5

Date Certified: Feb 2/87
Certified (Signature):

POWER EXPLORATIONS INC.

KASAGIMINNIS LAKE PROPERTY

LIST OF CLAIMS

Pa 769510	Pa 769574	Pa 786834
769511	769575	786835
769512		
769513	Pa 786788	Pa 786836
769514	786789	
769515	786790	Pa 786841
769516	786791	
769517	786792	Pa 786843
769518	786793	
769519	786794	Pa 786849
769520	786795	
769521	786796	Pa 786858
769522	786797	786859
769523	786798	786860
769524	786799	786861
	786800	786862
Pa 769535	786801	
769536	786802	
769537	786803	
769538	786804	
769539	786805	
769540	786806	
769541	786807	
769542	786808	
769543	786809	
769544	786810	
769545	786811	
769546	786812	
769547		
769548	Pa 786827	
769549	786828	
769550	786829	
769551	786830	
769552	786831	
769553	786832	
769554	786833	

TOTAL 80 claims

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File: 2.9758

Date: February 27,1987

Mining Recorder's Report of Work No.: 87-23

Recorded Holder: POWER EXPLORATIONS INC

Township or Area: LITTLE OCHIG LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	PA 769510 to 24 inclusive 769535 to 54 inclusive 769574-75 786788 to 91 inclusive 786795 to 812 inclusive 786827 to 36 inclusive 786841 786843 786849 786858 to 62 inclusive
Section 77 (19) See "Mining Claims Assessed" column	
Geological 34 days	
Geochemical 15 days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☒ not sufficiently covered by the survey ☐ insufficient technical data filed

PA 786792 to 94 inclusive

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

March 20, 1987

Your File: 87-23
Our File: 2.9758

Mining Recorder
Ministry of Northern Development and Mines
Court House
P.O. Box 3000
Sioux Lookout, Ontario
P0V 2T0

Dear Sir:

RE: Notice of Intent dated February 27, 1987
Geological and Geochemical Surveys on
Mining Claims PA 769510, et al, in the
Little Ochig Lake Area

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

J.C. Smith, A/Manager
Mining Lands Section
Mineral Development and Lands Branch
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

DK/mc
cc: Power Explorations Inc
Suite 804
34 King Street East
Toronto, Ontario
M5C 1E5
Attention: H.J. Hodge

Resident Geologist
Sioux Lookout, Ontario

Encl.

Robert A.V. Higginson
R.R.#1
Oro, Ontario
L0L 2E0

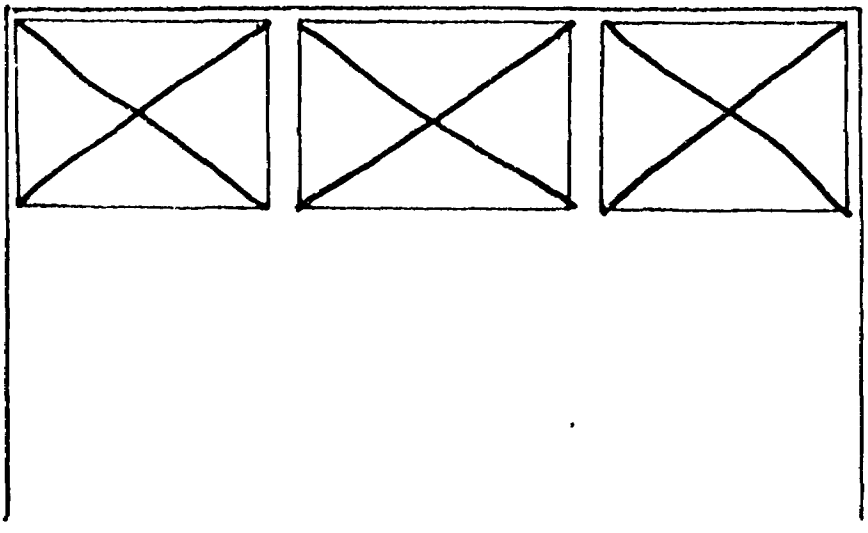
Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

SEE ACCOMPANYING MAP(S) IDENTIFIED AS

520/08SW-0017 # 1-3

LOCATED IN THE MAP CHANNEL IN THE FOLLOWING SEQUENCE

(X)



FOR ADDITIONAL INFORMATION SEE MAPS:

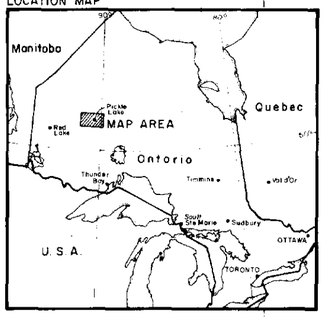
520/08SW-0017 #4-9

GEOLOGY LEGEND

- Geological boundary
- Diabase dykes (Keewonawan) — 7
- Granitic intrusives — 6
- Mafics, ultramafic intrusives — 5
- Migmatites — 4
- Intermediate to felsic volcanics — 3
- Mafic volcanics — 2
- Sediments — 1
- Mineral occurrence
- Mine, past producer — A
- Iron formation

Geology from Ontario Geological Survey Misc. paper 199, 1984 Stott G.M. & Wallace H. and Map 2218, Cat Lake - Pickle Lake, Sage et al., 1972

LOCATION MAP



MINES, PAST PRODUCER

- A Central Patricia No 1
- B Central Patricia No 2
- C Pickle Crow No 1
- D Pickle Crow No 2
- E Albany River
- F Crowshore
- G UMEX Thierry Mine

GOLD PRODUCTION

MINE PROPERTY	TONS	OZS GOLD	OZ/TON
Central Patricia	1,729,248	621,806	0.359
Pickle Crow	3,237,572	1,446,214	0.44
Total	4,966,820	2,068,020	0.416

Open

RED LAKE M.D.
PATRICIA M.D.

Golden Patricia Discovery
860,000 tons at 0.58 oz/ton Au

Dona Lake Discovery
1,400,000 tons at 0.24 oz/ton Au

Hasaga
200,000 tons at 0.19 oz/ton Au

KASAGIMINNIS LAKE PROPERTY

Dobie Lake
Meen L.
Dorothy L.
Wright Lake
Obaskaka Lake
Kawinogans Lake
Knuppl L.
Dempster L.
Teevin L.
Carpenter L.
LAKE ST. JOSEPH
Trebell L.
Tarp Lake
Collishaw Lake
Hwy 808
PONSFORD TWP
CONNELL TWP
McCULLAGH TWP
Pickle L.
Dona L.
Ochig Lake
Osnaburgh I.R. 63B
Hwy 599

91°00'
90°30'
90°00'
51°30'
51°15'
50°15'

Scale 1 inch = 4 miles

REGISTERED PROFESSIONAL ENGINEER
H. J. HODGE
PROVINCE OF ONTARIO

669977 ONTARIO LTD.

KASAGIMINNIS LAKE PROPERTY
Patricia M.D., Ontario

PROPERTY LOCATION AND REGIONAL GEOLOGY

GEOCANEX LTD
TORONTO, CANADA

BY: R.T.M.
DATE: Dec 1986
SCALE: 1" = 4 mi
FIG. No: 1

669977 ONTARIO LTD.

KASAGIMINNIS LAKE PROPERTY
Pickle Lake Area, Ontario
Sheet A

GEOLOGY

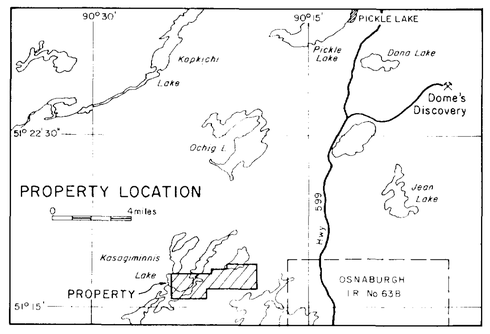
GEOCANEX LTD
TORONTO, CANADA

BY:
DATE: August '86
SCALE: 1" = 200'
DWG. No: K-A-1A

29758

SHEET INDEX

A	B	C	D
60W - 16W	12W - 40E	44E - 92E	96E - 148E



0 200' 400' 600' 800'
SCALE 1 2400

REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO
M.J. DODGE

T.L. 26 N
20 N
15 N
10 N
5 N
B.L. 0+00
5 S
10 S
15 S
25 S
30 S
T.L. 36 S
L 60 W
L 56 W
L 52 W
L 48 W
L 44 W
L 40 W
L 36 W
L 32 W
L 28 W
L 24 W
L 20 W
L 16 W
L 12 W

Birch, poplar, spruce over boulder, sand
Birch, poplar, spruce over sand and boulder ridge
Birch, poplar, spruce over sand boulder hill
Alder
Black spruce, muskeg
Spruce, alder
Open, black spruce, muskeg
Birch, poplar, spruce over boulder & sand ridge
Birch, poplar, spruce
Birch, poplar, spruce over sand & boulders
Alder, poplar, spruce
Alder, cedar, spruce, swamp
Cedar, alder, spruce, swamp
Floating bog
Poplar, spruce, muskeg
Poplar, spruce, birch ridge
Spruce, alder, muskeg, swamp
Spruce & Muskeg
Spruce, alder swamp
Poplar, spruce, muskeg
Spruce, Muskeg
Spruce, alder
Birch, Spruce Poplar
Spruce & Poplar
Spruce, poplar, alders
Poplar, birch, spruce intermixed with muskeg
Birch, poplar, spruce over sand, boulder ridge
Poplar, alder, spruce
Spruce Alder
Spruce, alder muskeg
Birch, Poplar, spruce ridge
Birch, poplar, spruce over sand boulder ridge
Birch, spruce, poplar, sand boulder ridge
Spruce, poplar
Birch, poplar, spruce over boulder sand ridge + 30 ft.
Spruce, alders muskeg
Marsh
Sand, gravel bottom
Birch, spruce over sand boulder ridge
Cedar
Marsh
Birch, poplar
Kasagiminnis Lake
ISLAND
Birch, spruce over sand boulder
Sand boulder ridge over bedrock
Cedar, alder, spruce
Black spruce, muskeg
Black spruce, muskeg over sand boulder outwash
Cedar, birch, black spruce, muskeg
Black Spruce, muskeg over sand boulder outwash
Birch, poplar, spruce cover over sand boulder ridge
Birch, spruce, poplar cover over sand boulder ridge

786 789
786 798
786 799
786 808
786 809
786 790
786 797
786 800
786 807
786 810
786 791
786 796
786 801
786 806
786 811
786 795
786 812
786 802
786 805
786 794
786 803
786 804
786 788

4579-1 qv
4558-<1 sh
4557-4
4556-2
4555-6
4580-1 qv
4567-1363
4568-40 qv
4566-1
4564-58
4565-1
4563-2
4581-1 qv
4553-20 sh
4554-10 sh
4535-<1
4536-<1 sh, sil
4537 sh, sil
4540-<1
4539-<1
sh. zone
4538-<1
4534-<1
4599-<1 qv
4583-3 gb
4597-10
4595-<1
4598-5
4596-2 sh
4594-1 qv
4593-1
4584-<1 qv
4582-<1 qv
4578-<1 qv
4572-<1 qv
4573-2 sh
4574-7 BF
4575-5 qv
4576-2 qv
4577-2 qv
4562-1 qv, sh
4561-2 qv
4559-1
4560-1 qv
9675-44 qv
4552-1508
9673-157
9672-135
4550-2 qv
9671-404
9670-420
9669-844
4551-1 qv
9674-463 qv
4549-<1 qv
4548-<1 sh
4571-<1 qv
4570-1 sh
4569-5 qv
4531-<1 qv
4528-7
4520-1
4521-1
4527-38
4522-10
4524-1
4523-3
4525-1
4533-8 qv
4532-6 qv
4526-1

W.P.

LEGEND

QUATERNARY
Stream, lake, bog deposits
Glacial, glaciofluvial, lacustrine sediments

LATE PRECAMBRIAN (Keweenawan?)
11 11a Diabase

EARLY PRECAMBRIAN
10 Intermediate and Felsic Intrusives
10a Granite pegmatite
10b Aplite
10c Granite
10d Syenite
10e Quartz monzonite
10f Granodiorite
10g Trondjemite
10h Quartz diorite
10i Diorite
10k Unsubdivided gneiss
10l Granite gneiss
9 Mafic Intrusives
9a Unsubdivided
9b Gabbro
9c Leucogabbro
9d Plagioclase-phyric gabbro
9e Peridotite
9f Pyroxenite
8 Iron Formation
8a Oxide facies
8b Carbonate facies
8c Silicate facies
8d Sulphide facies
7 Chemical Metasediments
7a Chert
7b Calcitic marble
7c Dolomitic marble
6 Clastic Metasediments
6a Clast supported conglomerate
6b Matrix supported conglomerate
6c Oligomictic conglomerate
6d Polymictic conglomerate
6e Sandstone, unsubdivided
6f Wacke
6g Arenite
6h Mudstone, argilite
6i Feldspathic wacke
6k Feldspathic arenite
6l Quartz arenite
6m Schistose rock ± amphibole, ± biotite, ± garnet, ± chlorite of probable sedimentary origin
5 Felsic and Intermediate Subvolcanic Rocks
5a Unsubdivided
5b Quartz feldspar porphyry
5c Quartz porphyry
5d Feldspar porphyry
4 Felsic Metavolcanics
4a Massive fine-medium grained flow
4b Pyroclastic breccia, tuff breccia
4c Tuff, lapilli-tuff
3 Intermediate Metavolcanics
3a Massive fine-medium grained flow
3b Flow breccia
3c Pyroclastic breccia, tuff breccia
3d Tuff, lapilli tuff
2 Mafic Metavolcanics
2a Massive fine-medium grained flow
2b Amygdaloidal flow
2c Variolitic flow
2d Pillowed flow, pillow breccia
2e Flow breccia
2f Medium-coarse grained flow centres
2g Plagioclase-phyric flow
2h Amphibolite
2i Co-magmatic sills, dikes
2j Pyroclastic breccia, tuff breccia
2k Tuff, lapilli tuff
2l Chlorite ± amphibole schist
1 Ultramafic Metavolcanics
1a Massive fine-medium grained flow
1b Spinifex textured flow
1c Talc-carbonate ± magnetite ± amphibole ± serpentine ± chlorite schist

SYMBOLS
Shoreline
Creek, showing flow
Swamp
Beaver Dam
Break in slope
Claim post, line, witness post
Township line
Trench, pit
Diamond drill hole
Highway, bush road
Power transmission line
Outcrop, outcrop area
Geological boundary, observed,
Inferred, inferred from geophysics
Surficial feature boundary
Rock sample location & number
Assay for Au(ppb), Ag(ppm)
Pillow; tops known, unknown
Bedding; inclined, vertical
Foliation, cleavage;
Inclined, vertical, unknown
Gneissosity; incl., vert., unknown
Lineation, plunge
Fracture; inclined, vertical
Shear zone, dip
Shear fracture; inclined, vertical
Fault zone; dextral, sinistral
Anticline, syncline; plunge
Drag folds with plunge
Dyke; width, dip
Vein; width, dip, quartz, carbonate

ABBREVIATIONS

Silicification	SIL, sil
Sericitization	SER, ser
Carbonatization	CAR, car
Chloritization	CHL, chl; / strong, weak
Pyrite	py
Pyrrhotite	po
Chalcopyrite	cp
Arsenopyrite	asp
Sphalerite	sph
Galena	ga
Bornite	br
Malachite	mal
Graphite	gr
Chrysocolla	chry
Magnetite	mt
Limonite	lim
Hematite	hem
Molybdenite	mo
Gruneritе	grun
Siderite	sid
Dolomite	dol
Ankerite	ank
Garnet	gnt
Epidote	ep
Tourmaline	tl
Xenolith	xn
Mylonite	myl
Shearing	sh
Carbonatized	cc

520/08SW-0017, #2

LEGEND

Grid line with 100' stations

Stream, swamp, lakeshore

Claim post and line

TIE LINE 38N

Birch, poplar, spruce, alder over sand boulder ridge

786 861

– 35 N

Black spruce muskeg

– 30 N

Floating bog

Dense cedar

Birch, spruce, poplar on sand gravel & boulder drift

T.L. 24 N

Boulder ridge

Black spruce muskeg

Birch, spruce, poplar covered sand gravel ridge

786 836

786 841

Black spruce, muskeg

786 860

– 20 N

B.L. 18N

Sand hill

Alder

786 809

Birch, poplar, spruce over boulder Sand ridge

786 827

Kasagiminnis Lake

Floating bog

Black spruce, muskeg

Marsh

786 835

– 15 N

Black spruce, muskeg

W.P.

Floating bog

– 10 N

Birch, poplar spruce over sand boulder ridge

786 810

786 828

Marsh

Black spruce, muskeg

Floating bog

Spruce, poplar, birch

786 843

786 859

– 5 N

B.L. 0+00

Sand boulder cover over bedrock

Black spruce, muskeg

786 811

ISLAND

786 829

Poplar, spruce, birch over sandy outwash

Black spruce, muskeg

Sandhill

786 834

786 849

786 858

– 5 S

Boulder Sand

Wet spruce, muskeg

Sand hill

Cedar

10 S

Floating bog

Sand hill

Boulder ridge

PORTAGE

L20E

L24E

L28E

L32E

L36E

L40E

786 812

Black spruce, muskeg

T.L. 16 S

Marsh

Black spruce, muskeg

Birch, poplar, spruce over B ridge

20 S –

Boulder pavement

Cedar Swamp

Floating bog

Boulder ridge

Floating bog

786 833

786 830

Marsh

Black spruce, muskeg

25 S –

Cedar, alder, spruce, swamp

Boulder pavement

Cedar, alder

786 788

Marsh

Thin cover over bedrock ridge +10 ft.

Black spruce, muskeg

Floating bug Cedar

Spruce, birch covering, Sand, boulder ridge

786 832

30 S –

Sand boulder hill, spruce, birch, poplar cover

786 831

Floating bog

Sand & 10c boulders over bedrock

Floating bog

Black spruce, muskeg

Black spruce, muskeg

35 S –

TIE LINE 36S

W

L8W

L4W

L0

L4E

L8E

L12E

L16E

PROPERTY LOCATION

4 miles

PICKLE LAKE

Kapkichi Lake

Pickle Lake

Dana Lake

Dome's Discovery

Ochig L.

Jean Lake

Kasagiminnis Lake

PROPERTY

OSNABURGH I.R. No 63B

Hwy 599

90°30'

90°15'

51°22'30"

51°15'

0 200' 400' 600' 800'

SCALE 1:2400

SHEET INDEX

A	B	C	D
60W – 16W	12W – 40E	44E – 92E	96E – 148E

See Sheet A for Legend

H.J. HODGE REGISTERED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO

29758

669977 ONTARIO LTD.

KASAGIMINNIS LAKE PROPERTY

Pickle Lake Area, Ontario

Sheet B

GEOLOGY

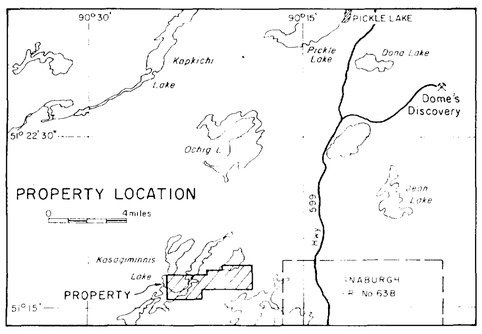
GEOCANEX LTD TORONTO, CANADA

BY:

DATE: August '86

SCALE: 1" = 200'

DWG. No: K-B-1A



TIE LINE 52N

55 N

50 N

45 N

40 N

35 N

30 N

20 N

15 N

10 N

5 N

0 + 00

5 S

B.L. 38N

B.L. 18N

B.L. 16S

T.L. 11N

Birch, spruce, poplar, muskeg over sand & boulder ridge

Birch, spruce, poplar, alder, over sand beach

769 539

769 551

Black spruce muskeg

Sand boulder ridge

Cedar

Birch, poplar, spruce, alder over sand, boulder ridge

786 861

786 862

Black spruce muskeg

Spruce, birch, Poplar

PORTAGE

Cedar over boulder pavement

Granite Outcrop Area

10a,c

769 544

Granite outcrop area

10a,c

9642-12

9659-2

9660-<1

9643-3

9644-4

3ad,4c,10df

3ad,10c

Tall spruce, poplar, muskeg over sand gravel

Black spruce, muskeg over sandy outwash

769 540

Tall spruce, birch sand gravel covered bedrock

769 535

Sand boulder hill

Black spruce, muskeg

9649-8

Sand hill

9653-1

9652-1

9655-32

9648-3

9665-5

9664-1

4c,6e,7o

Poplar, birch, spruce over sand ridge

9627-1

9625-5

9626-1

9631-4

Sand hill with spruce, poplar

769 545

Black spruce, muskeg

Sand hill with tall spruce

769 548

9647-2

9641-<1

9640-<1

3d,cc

Black spruce, muskeg

769 541

Sand hill

9663-<1

9662-5

9661-<1

9656-2

Esker

Alders

Black spruce, muskeg

Wet muskeg

9658-4

9657-1

769 536

Cedar, alder swamp

9650-2

9651-18

Sand hill

786 860

Floating bog

9629-1

9630-2

9636-4

9639-7

9638-1

9637-3 qv

769 546

Floating bog

Birch, spruce over sandy gravel covered bedrock ridge

Poplar, birch, spruce, sand, boulder hill

786 859

Birch, poplar, spruce over sand boulder ridge

769 549

+30' elevation

Cedar

Bog

769 542

Black spruce, muskeg, over sandy outwash

769 537

+ 40 ft elevation

Sand boulder hill

Black spruce muskeg

Cedar swamp

786 858

9621-1 qv

9620-3 qv

Sand boulder hill

769 550

769 547

769 543

Wet muskeg cedar, alder

769 538

Cedar, alder, tamarack

Cedar, alder, spruce swamp

Black spruce muskeg

Cedar

L40E L44E L48E L52E L56E L60E L64E L68E L72E L76E L80E L84E L88E L92E L96E

29758

REGISTERED PROFESSIONAL ENGINEER PROVINCE OF ONTARIO J.J. HODGE

669977 ONTARIO LTD.

KASAGIMINNIS LAKE PROPERTY
Pickle Lake Area, Ontario
Sheet C

GEOLOGY

GEOCANEX LTD TORONTO, CANADA

BY:
DATE: August '86
SCALE: 1" = 200'
DWG. No: K-C-1A

SHEET INDEX

A	B	C	D
60W - 16W	12W 40E	44E - 92E	96E - 148E

See Sheet A for Legend

LEGEND

Grid line with 100' stations

Stream, swamp, lakeshore

Claim post and line

0 200' 400' 600' 800'

SCALE 1:2400

520/08SW-0017 #4

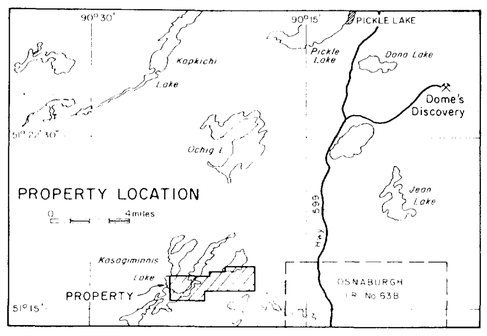
520085W0013 520085W0017 LITTLE OCHIG LAKE

230

SHEET INDEX

A	B	C	D
60W – 16W	12W – 40E	44E – 92E	96E – 148E

See Sheet A for Legend



669977 ONTARIO LTD.

KASAGIMINNIS LAKE PROPERTY
Pickle Lake Area, Ontario
Sheet D

GEOLOGY

29758

GEOCANEX

GEOCANEX LTD
TORONTO, CANADA

BY:
DATE: August '86
SCALE: 1" = 200'
DWG. No: K-D-1A

REGISTERED PROFESSIONAL ENGINEER
H. J. HODGE
PROVINCE OF ONTARIO

LEGEND

Grid line with 100' stations
Stream, swamp, lakeshore
Claim post and line

0 200' 400' 600' 800'

SCALE 1:2400

T.L. 52N

769 551

769 552

ISLAND

769 535

769 553

769 520

769 521

769 515

769 516

769 510

769 511

769 536

769 554

769 522

769 517

769 512

769 537

769 574

769 523

769 518

769 513

769 575

769 524

769 519

769 514

87
3d,10c,k

2k

4c,6e
9667-2
9666-<1
3d,8a

2a,3ad
73

10c
9654-<1
gv
2a,3d
2a
2f,4c
2f
2f,6e
2f,3d

DRILL ROAD

Black spruce, muskeg covered sandy outwash

Sand hill

Cedar, Alder swamp

Birch, poplar, spruce covered sand boulder ridge

Esker

Cedar

Sand hill

Alders

Black spruce, muskeg

Birch, poplar, spruce over sand boulder

Alder, cedar swamp

Black spruce, alders, muskeg

Black spruce over sandy outwash

Black spruce, muskeg

Birch, poplar, spruce over sand, gravel ridge

Cedar, tamarack & wet muskeg

Cedar swamp

Cedar Swamp

Marsh

Wet muskeg

Wet black spruce muskeg

Wet Black spruce muskeg

Spruce, poplar over sand gravel

Birch, poplar, spruce over sand boulder ridge

Black spruce, alders, muskeg

Black spruce, muskeg

Sand hill

Esker

Alders

Black spruce, muskeg

Birch, poplar, spruce over sand boulder ridge

Cedar

Birch, poplar, spruce over sand boulder ridge

Black spruce, muskeg

Sand hill

Alder, cedar swamp

Black spruce, muskeg

Cedar, tamarack & wet muskeg

Cedar swamp

Black spruce, muskeg

Birch, poplar, spruce over sand boulder ridge

Wet black spruce muskeg

Spruce, poplar over sand gravel

Wet Black spruce muskeg

Birch, poplar, spruce over sand boulder ridge

40 N
35 N
T.L. 32N
30 N
25 N
20 N
B.L. 18N
15 N
10 N
5 N
0.00
5 S
10 S
15 S

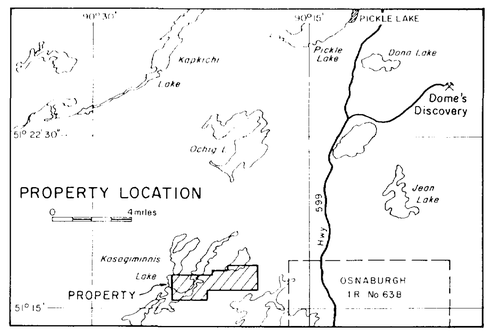
L92E
L96E
L100E
L104E
L108E
L112E
L116E
L120E
L124E
L128E
L132E
L136E
L140E
L144E
L148E

BL. 16S

520/08SW-0017 #5

SHEET INDEX

A	B	C	D
60W - 16W	12W - 40E	44E - 92E	96E - 148E



669977 ONTARIO LTD.

KASAGIMINNIS LAKE PROPERTY
Pickle Lake Area, Ontario
Sheet A

GEOCHEMICAL SOIL SURVEY
GOLD IN PPB

GEOCANEX LTD
TORONTO, CANADA

BY:
DATE: August '86
SCALE: 1" = 200'
DWG. No: K-A-2A

29758

0 200' 400' 600' 800'
SCALE 1:2400

REGISTERED PROFESSIONAL ENGINEER H. J. HODGE PROVINCE OF ONTARIO

T. L. 26 N

20 N
15 N
10 N
5 N
B. L. 0+00
5 S
10 S
15 S
25 S
30 S
T. L. 36 S

L 60 W
L 56 W
L 52 W
L 48 W
L 44 W
L 40 W
L 36 W
L 32 W
L 28 W
L 24 W
L 20 W
L 16 W
L 12 W

786 789
786 790
786 791
786 792
786 793
786 794
786 795
786 796
786 797
786 798
786 799
786 800
786 801
786 802
786 803
786 804
786 805
786 806
786 807
786 808
786 809
786 810
786 811
786 812
786 788

ISLAND
Marsh
WP
Kasagiminnis Lake

LEGEND
- Grid line with 100' stations
- Stream, swamp, lakeshore
- Claim post and line
- Soil analysis for Au in ppb (1/5)
- 3ppb contour
- 5 & 10ppb contour
- 20 & 50ppb contour
- 100 & 500 ppb contour

520/08SW-0017 #6

LEGEND

Grid line with 100' stations

Stream, swamp, lakeshore

Claim post and line

Soil analysis for Au in ppb 1/5

3ppb contour

5 & 10ppb contour

20 & 50ppb contour

100 & 500 ppb contour

TIE LINE 38N

T.L. 24 N

B.L. 18N

B.L. 0+00

T.L. 16 S

TIE LINE 36S

Kasagiminnis Lake

Marsh

ISLAND

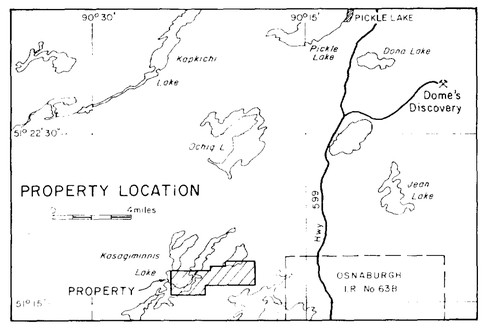
W.P.

786 809
786 827
786 810
786 828
786 811
786 812
786 836
786 835
786 829
786 834
786 831
786 832
786 841
786 843
786 849
786 830
786 833
786 788
786 860
786 859
786 858

35 N
30 N
20 N
15 N
10 N
5 N
5 S
10 S

L20E L24E L28E L32E L36E L40E

L8W L4W L0 L4E L8E L12E L16E



SCALE 1 2400

0 200' 400' 600' 800'

H. J. HODGE
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

29758

SHEET INDEX

A	B	C	D
60W - 16W	12W - 40E	44E - 92E	96E - 148E

669977 ONTARIO LTD.

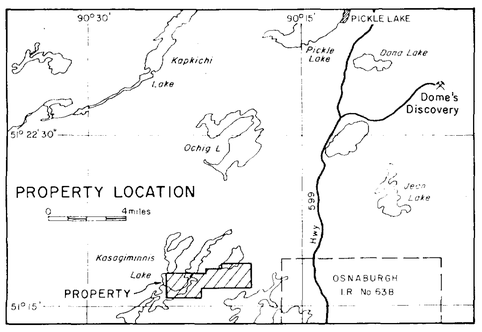
KASAGIMINNIS LAKE PROPERTY
Pickle Lake Area, Ontario
Sheet B

GEOCHEMICAL SOIL SURVEY
GOLD IN PPB

GEOCANEX LTD
TORONTO, CANADA

BY:
DATE: August '86
SCALE: 1" = 200'
DWG. No: K-B-2A

520/08SW-0017 #7



55 N
TIE LINE 52N
50 N
45 N
40 N
B.L. 38N
35 N
30 N
20 N
B.L. 18N
15 N
T.L. 11N
10 N
5 N
0+00
5 S
B.L. 16S
L40E
L44E
L48E
L52E
L56E
L60E
L64E
L68E
L72E
L76E
L80E
L84E
L88E
L92E
L96E

769 539
769 551
786 861
786 862
769 544
769 540
769 535
769 545
786 860
769 548
769 541
769 536
769 546
786 859
769 549
769 542
769 537
786 858
769 550
769 547
769 543
769 538

R.A. HODGE
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

29758

669977 ONTARIO LTD.

KASAGIMINNIS LAKE PROPERTY
Pickle Lake Area, Ontario
Sheet C

GEOCHEMICAL SOIL SURVEY
GOLD IN PPB

GEOCANEX
GEOCANEX LTD
TORONTO, CANADA

BY:
DATE: August '86
SCALE: 1" = 200'
DWG. No: K-C-2A

SHEET INDEX

A	B	C	D
60W - 16W	12W - 40E	44E - 92E	96E - 148E

0 200' 400' 600' 800'
SCALE 1:2400

LEGEND
- Grid line with 100' stations
- Stream, swamp, lakeshore
- Claim post and line
- Soil analysis for Au in ppb 1/5
- 3ppb contour
- 5 & 10ppb contour
- 20 & 50ppb contour
- 100 & 500 ppb contour

520/08SW-0017 #8

669977 ONTARIO LTD.

KASAGIMINNIS LAKE PROPERTY
Pickle Lake Area, Ontario
Sheet D

GEOCHEMICAL SOIL SURVEY
GOLD IN PPB

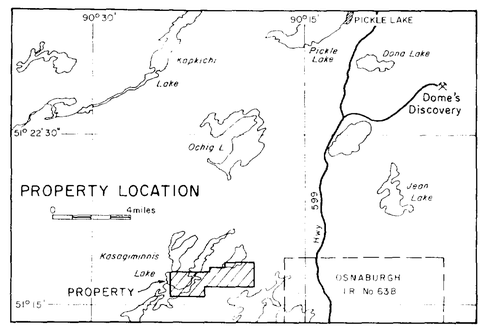
GEOCANEX LTD
TORONTO, CANADA

BY:
DATE: August '86
SCALE: 1" = 200'
DWG. No: K-D-2A

2.9758

SHEET INDEX

A	B	C	D
60W - 16W	12W - 40E	44E - 92E	96E - 148E



LEGEND

- Grid line with 100' stations
- Stream, swamp, lakeshore
- Claim post and line
- Soil analysis for Au in ppb
- 3ppb contour
- 5 & 10ppb contour
- 20 & 50ppb contour
- 100 & 500 ppb contour

0 200' 400' 600' 800'
SCALE 1:2400

REGISTERED PROFESSIONAL ENGINEER
H. J. HOUGE
PROVINCE OF ONTARIO

T.L. 52N
769 551
769 552
ISLAND
769 520
769 515
769 510
769 535
769 553
769 521
769 516
769 511
769 536
769 554
769 522
769 517
769 512
769 537
769 574
769 523
769 518
769 513
769 575
769 524
769 519
769 514
40 N
35 N
T.L. 32 N
30 N
25 N
20 N
B.L. 18 N
15N
10 N
5 N
0.00
5 S
10 S
15 S
B.L. 16S
L 92E
L 96E
L 100E
L 104E
L 108E
L 112E
L 116E
L 120E
L 124E
L 128E
L 132E
L 136E
L 140E
L 144E
L 148E

520/08SW-0017, #9