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*David S. Robertson & Associates*



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REPORT ON THE AUGUST 1 - DECEMBER 31, 1982

DIAMOND DRILLING PROGRAM

ON THE BINGHAM GROUP

WHITNEY TOWNSHIP, ONTARIO

FOR

OMENICA RESOURCES LTD.

DAVID S. ROBERTSON & ASSOCIATES  
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INTRODUCTION

This report reviews exploration work carried out by Omenica Resources Ltd. (Omenica) on its Bingham Group Option in Whitney Township, Ontario, from August 1 to December 31, 1982. The work consists of diamond drilling (8,398 feet in 13 holes) carried out in three phases, as follow:

<u>Phase</u>	<u>Hole No's.</u>	<u>Footage</u>	<u>Dates</u>	<u>Supervised By</u>
A	OW-6-82 to OW-15-82	5,865	Aug. - Sept.	H.D. Carlson
B	OW-10A-82	726	Oct.	H.J. Wahl, Robertson & Assoc.
C	OW-16-82 and OW-17-82	1,807	Nov. - Dec.	Robertson & Assoc.

The Phase A drilling was recommended and supervised by Consulting Geologist, Dr. H.D. Carlson of Porcupine, Ontario, on behalf of Omenica.

David S. Robertson & Associates (Robertson & Associates) was retained by Omenica in late September, 1982, to assess the validity of the drilling results after high gold assays were received from a 130-foot section of Hole OW-10-82. The property was visited by Dr. W.E. Roscoe of Robertson & Associates, core was examined, and the property and program were discussed with Dr. Carlson. The exploration program was considered to be conducted in a reasonable and technically adequate manner. However, re-splitting and assaying of the remaining core from Hole OW-10-82 by Teck Explorations

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Limited obtained much lower gold values, which were in strong disagreement with the original results. Consequently, re-drilling of Hole OW-10-82 was requested by the Vancouver Stock Exchange and recommended by Robertson & Associates in order to resolve this discrepancy.

The re-drilled hole, No. OW-10A-82, was supervised by H.J. Wahl of Vancouver, B.C. and by Robertson & Associates. Assays for the critical section gave low gold values, negating the high gold values initially reported for the original drill hole.

Further drilling was recommended on the Bingham Group based on favourable regional geology, and two more holes were drilled, supervised by Robertson & Associates, with negative results.

LOCATION AND ACCESS

The Bingham Group is located 10 miles east-northeast of Timmins, Ontario. Provincial Highway 101 crosses the extreme northwest corner of the property.

The property comprises approximately 160 acres, and consists of the following two patented parcels of land in the south half of Lot 4, Concession V, Whitney Township:

Parcel 5935 - 3.19 acres - includes surface rights and the mines, minerals and mining rights.

Parcel 10426 - 154.12 acres - includes the mines, and minerals.

Licence of Occupation 10292 - 12.5 acres of Three Nations Lake.

The Bingham Property adjoins south of the property of Pamour Porcupine Mines Ltd., a present gold producer.

AGREEMENTS

By an agreement dated December 10, 1981, Omenica had the option to acquire a 100 per cent interest in the property from the Bingham family. The purchase price was \$100,000, payable as follows: \$15,000 within ten days of Omenica receiving funds from sale of its securities, \$15,000 on June 30, 1982, and \$70,000 on January 2, 1983. Omenica was required to expend a minimum of \$25,000 per annum on exploration and development, although this requirement would be waived should \$150,000 be spent in any one year. The agreement was subject to a five per cent net smelter return royalty in favour of the Bingham family interests. The agreement terminated on January 2, 1983, when the option payment was not made.

By an agreement between Omenica and Padre Resources Ltd. (Padre) dated September 24, 1982, Padre could earn up to a 50 per cent interest in the property by expending up to \$2,000,000 over a 960-day period. This agreement terminated when Padre failed to meet a requirement to raise funds by November 15, 1982.

HISTORY OF EXPLORATION

In 1928, a small amount of stripping and trenching was carried out by Bingham Mines Limited near the north boundary of the property. The property was then leased to L.B. United Mines Limited; however, no record of work done is available.

Lancour Mines Ltd. optioned the ground in 1936, and carried out magnetometer and resistivity surveys. Twelve diamond drill holes were put down, of which five failed to reach bedrock because of thick overburden. One drill hole in the northwestern part of the property is reported to have assayed 0.44 ounces per ton gold over three feet, from 150 to 153 feet.

No further exploration appears to have been carried out on the Bingham Group between that time and 1981, when Omenica Resources Ltd. optioned the property from the Bingham family interests.

In June, 1982, a grid was established on the property by Omenica with picket lines spaced at 200-foot intervals and running northwest/southeast. Magnetometer and vertical loop electromagnetic surveys were carried out. A broad magnetic high trends easterly across the north part of the property, and represents a talc-chlorite-carbonate unit. An easterly-trending electromagnetic conductor, with a coincident magnetic anomaly, was located in the southeast part of the property (Figure 1 in pocket).

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Five diamond drill holes, totalling 1,524 feet, were drilled by Omenica in June, 1982, in an attempt to follow up the 1936 drill hole with reported gold values. The five holes were all drilled within an area of 200 feet by 50 feet in the vicinity of the estimated position of the old hole (see Figure 1 in map pocket).

Talc-chlorite-carbonate rock, representing altered ultramafic flows, was intersected in all five holes. Core recovery was poor in Holes OW-1-82 to OW-3-82 because of the soft, friable rock type and the small core size used (AQ). Core recovery improved when BQ equipment was employed for Holes OW-4-82 and OW-5-82.

All of the core was split for assay, mostly in 10-foot sections. Sludge samples were also collected from the last three holes for assay at 10-foot intervals. The highest sludge samples obtained were: 0.04 oz/ton Au from 116 - 126 feet in Hole OW-4-82 and 0.02 oz/ton Au from 126 - 136 feet in the same hole. Core samples, however, including this interval, were mostly barren, with occasionally very minor values, reported as 0.002 and 0.005 oz/ton Au.

## GEOLOGY

### REGIONAL SETTING

The Bingham Group is situated near the east end of the Timmins-Porcupine gold mining camp. The dominant structural feature east of Timmins is the Porcupine-Destor Fault, which separates younger Temiskaming sedimentary rocks on the north from older ultramafic, volcanic and sedimentary rocks on the south. The ultramafic rocks, which in part at least are ultramafic flows altered to talc-chlorite-carbonate rocks, are regionally associated with the Porcupine-Destor Fault throughout the Timmins-Porcupine area, as is the younger Temiskaming sequence.

In the Timmins-Porcupine area, all of the large gold mines, as well as most of the small gold mines and showings, are located north of the Porcupine-Destor Fault. The Pamour Mine, for example, is located north of the Fault, some 3,000 feet north of the Bingham Group north boundary.

Further east, to the east of the Pamour area, a number of gold showings are located south of the Porcupine-Destor Fault. Included are three new auriferous zones discovered east of Night Hawk Lake in recent years, which are said to be in part associated with talc-chlorite-carbonate rocks near the Porcupine-Destor and related faults. In one of these deposits, which recently underwent underground exploration, carbonate lenses in talc-chlorite rock contain numerous

quartz veins carrying free gold, with virtually no sulphides present.

The Bingham Group is located just south of the Porcupine-Destor Fault and is underlain in part by talc-chlorite-carbonate rocks. The regional setting suggests that the property has potential for gold mineralization of the type which occurs east of Night Hawk Lake.

#### PROPERTY GEOLOGY

Rock outcrops are sparse on the Bingham Group; however, an interpretation of the general geology can be made using drill hole and geophysical data (see Figure 1 in map pocket).

The extreme northwest corner of the property is underlain by north-dipping Temiskaming greywacke and conglomerate, which is cut off by the north-dipping, easterly-trending Porcupine-Destor Fault.

South of the Fault is an easterly-trending belt of talc-chlorite-carbonate rock, approximately 1,000 feet wide. Its south contact corresponds approximately to the 900-gamma magnetometer contour, as shown in Figure 1. This belt represents a series of ultramafic flow units. Spinifex textures are common in drill core.

South of this belt is a sequence of greywackes and intermediate to mafic tuffs and lavas. This sequence contains some siliceous iron formation in the southeast part of the property.

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Overburden depth is in excess of 200 feet near the southern contact of the talc-chlorite-carbonate unit. The overburden on the Bingham Group appears to be largely clay, although a boulder-rich section was encountered from about 140 to 190 feet in Drill Hole OW-17-82.

#### DIAMOND DRILLING PROGRAM AND RESULTS

The diamond drilling program was carried out in three phases, the objectives and results of which are described in the following sections.

All of the drilling was done under contract by Dominik Drilling (1981) Inc. The job was manned, equipped and managed from their Porcupine field office.

Table I lists details of the diamond drill holes, including grid co-ordinates, depth, bearing and dip. Detailed drill logs are provided in Appendix I, complete with core assays. Certificates of Analysis, including sludge results, are reproduced in Appendix II. Drill sections comprise Appendix III. Locations of the drill holes are shown on Figure 1 (map pocket).

Extensive assaying of sludges and/or cores was carried out on all of the drill holes.

#### PHASE A

Phase A comprises 5,865 feet in 10 holes drilled from August 9 to September 23, 1982.

Holes OW-6-82 and OW-7-82 were drilled to the northwest to test the Porcupine-Destor Fault near the northwest corner of the property. The fault separates Temiskaming greywackes on the north from talc-chlorite-carbonate rock on the south. Both holes cored talc-chlorite-carbonate rock for their whole length; neither reached the target fault, which dips north

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TABLE I  
OMENICA - BINGHAM GROUP  
DIAMOND DRILL HOLE DATA

Hole No.	Grid Co-ordinates	Casing Depth (feet)	Depth of Hole (feet)	Bearing	Dip	Core Size
OW- 6-82	21E	14+40N	72.5	526	N45°W	-50° BQ
OW- 7-82	18E	15+50N	80	601	N45°W	-50° NQ
OW- 8-82	21E	13+40N	101	496	S45°E	-50° BQ
OW- 9-82	21E	11+20N	185	546	S45°E	-50° BQ
OW-10-82	21E	9+03N	300	756	S45°E	-50° BQ
OW-11-82	21E	3+00N	300	300 <sup>(1)</sup>	N45°W	-50° -
OW-12-82	15E	11+00S	18	258	S45°E	-50° BQ(?)
OW-13-82	18E	15+50N	110	700	S45°E	-50° NQ
OW-14-82	16E	13+00N	240	866	S45°E	-50° BQ
OW-15-82	14E	12+00N	260	816	S45°E	-70° NQ
OW-10A-82	21E	9+13N	302	726	S45°E	-52° NQ
OW-16-82	26E	10+40N	252	976	S45°E	-50° NQ, BQ
OW-17-82	30E	4+50N	261	831	S45°E	-50° NQ, BQ
8,398						

<sup>(1)</sup> Hole OW-11-82 was lost in overburden at 300 feet

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off the Bingham property.

No significant gold values were obtained from sludge samples of either Hole OW-6-82 or OW-7-82. No core was split for Hole OW-6-82. Hole OW-7-82 was split and sampled in its entirety, returning barren assays except for occasional trace Au values.

Holes OW-8-82, OW-9-82 and OW-10-82 were laid out to test a northwest to southeast section (21E) across the talc-chlorite-carbonate unit (see Figure 1).

Holes OW-8-82 and OW-9-82 were drilled entirely in the talc-chlorite-carbonate rock. Sludge assays from these holes returned negligible Au values, except for a 50-foot section of Hole OW-8-82 from 136 to 186 feet which returned values of 0.002 and 0.005 oz/ton Au. Core from Hole OW-8-82 was completely split and assayed, returning all nil Au values. Hole OW-9-82 was also completely split, returning values of nil and occasionally 0.002 oz/ton Au.

Hole OW-10-82 cored talc-chlorite-carbonate rock from bedrock ledge at 300 feet to its lower contact at 631.5 feet. Intermediate to mafic lava was present from 631.5 to 665 feet, then a narrow, massive, silicic unit from 665 to 672 feet, and finally metasedimentary rocks and mafic tuffs from 672 to 756 feet.

Assays of sludge samples from Hole OW-10-82 returned nil values, except for three values of 0.002 oz/ton Au and one

value of 0.005 oz/ton Au (326-336 feet).

Assays of split core from Hole OW-10-82 returned high gold values across the lower contact of the talc-chlorite-carbonate unit and into the volcanic and clastic units below. Values averaged 0.299 oz/ton Au over 130 feet from 606 to 736 feet. Rejects from the crushed samples were sent to a second assay laboratory, and gave generally similar, but erratic, high Au values.

The remaining half-core from Hole OW-10-82 was then quartered and sent for assay by Teck Explorations Limited on behalf of Padre Resources Ltd. No significant gold values were reported from these samples, which covered a total of 90 feet out of the critical 130-foot intersection, including most of the previously-reported high gold values.

Because of the large discrepancy in the sets of assay results, the Vancouver Stock Exchange requested, and Robertson & Associates recommended, that Omenica drill a second hole as close as possible to OW-10-82. The results of the second hole (OW-10A-82) are discussed in the next section.

Hole OW-11-82 was drilled to the northwest, also on Section 21E, in an attempt to test the contact area encountered in Hole OW-10-82. The hole was lost in overburden at 300 feet.

Hole 12 was drilled near the southeast corner of the property to test an electromagnetic conductor with a

coincident magnetic anomaly. A metasedimentary series of interlayered greywacke and siliceous, magnetic, lean iron formation was intersected down to 174 feet, followed by massive intermediate to felsic meta-volcanic rocks to 258 feet. The geophysical anomalies were explained, adequately, by the lean iron formation and some graphitic sections. Assays of sludge samples all returned negligible gold values. Five selected split core samples all returned nil gold.

Hole 13 tested the talc-chlorite-carbonate unit near the northwest corner of the property. Sludge sample assays yielded many nil values, but more than the usual proportion of 0.002 oz/ton Au values, along with three widely separated values of 0.005 oz/ton Au. Core sample assays returned no significant values except for one assay of 0.06 oz/ton Au over 3 feet, from 143 to 146 feet. Check assays were run on three separate pulps from the rejects of this sample, and returned values of 0.010, 0.015 and 0.010 oz/ton Au. While not of sufficient encouragement to warrant a follow-up drill hole, these assays indicate that some minor gold occurs within the talc-chlorite-carbonate unit.

Holes OW-14-82 and OW-15-82 were sited 650 and 800 feet, respectively, west of Hole OW-10-82 to test the same contact area, subsequent to receipt of the original high assays from OW-10-82. Due to the controversy surrounding the conflicting

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assay reports from Hole OW-10-82, Holes OW-14-82 and OW-15-82 were not logged and sampled until early October, 1982. Sludge samples were not analyzed from these holes and are still in storage.

Hole OW-14-82 cored talc-chlorite-carbonate rock down to 768 feet, a porphyritic felsic dyke with quartz veins from 768 to 787 feet, and metasedimentary rocks and mafic tuffs from 787 feet to 866 feet. The core was completely split and sampled, and no gold values greater than trace were encountered.

Hole OW-15-82 cored talc-chlorite-carbonate rock to 676.5 feet, then alternating intermediate metavolcanic (?) and metasedimentary rocks from 676.5 to 816 feet. Small quartz-feldspar prophyry dykes were encountered between 763 and 772 feet. Most of the core was split and sampled for assay, and no gold values greater than trace were received.

PHASE B

Phase B comprises the drilling of Hole OW-10A-82 in October, 1982, with the objective of resolving the discrepancy in assay results from Hole OW-10-82, as described previously.

The hole was first collared 5 feet behind the collar of OW-10-82, but ran into the old casing for that hole at a depth of 240 feet in overburden. Hole OW-10A-82 was then re-spotted 10 feet behind the collar of OW-10-82, and 5 feet

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to the southwest, off the section.

Rock types in Hole OW-10A-82 were virtually identical to those in OW-10-82: talc-chlorite-carbonate rock from bedrock ledge at 302 feet to 633 feet, intermediate to mafic volcanics from 633 to 666 feet, massive felsic rock from 666 to 673 feet, then mafic tuff from 673 to 726 feet. The hole was lost at 726 feet due to caving.

Core from OW-10A-82 was split for assay in 5-foot intervals from 536 to 726 feet. This interval includes the controversial section of Hole OW-10-82, except for the last 10 feet (726 to 736 feet). The assays returned nil and some trace amounts of gold. The originally reported high gold values in Hole OW-10-82 were not confirmed by the results of Hole OW-10A-82.

PHASE C

Holes OW-16-82 and OW-17-82 were drilled in November - December, 1982, with the objective of testing the talc-chlorite-carbonate unit and its lower contact further east on the Bingham Property, where it had not been tested by previous drilling.

Hole OW-16-82 tested the talc-chlorite-carbonate unit some 500 feet east of the previous 1982 and the circa-1936 drill holes. Sludge samples were assayed for the entire hole, and only negligible gold values were received, except for one assay of 0.004 oz/ton Au from 676 to 686 feet. Selected split

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core samples, including the section from 676 to 686, were assayed and returned negligible gold values.

Hole OW-17-82 was drilled 500 feet east of OW-16-82, and cored talc-chlorite-carbonate rock from bedrock ledge at 261 feet to 660.5 feet, then meta-sedimentary and tuffaceous rocks from 660.5 to 831 feet. Complete sludge sampling of the hole returned a number of anomalous gold values, as follow:

Interval (ft.)	Length of Run (ft.)	Sludge Assay oz/ton Au
336-346	10	0.004
376-386	10	0.006
416-426	10	0.004
426-436	10	0.012
486-496	10	0.004
536-546	10	0.004
546-556	10	0.006
556-566	10	0.010
566-576	10	0.004

Core sampling to follow up these sludges and other selected core samples all returned negligible gold values.

CONCLUSIONS

The original high gold assays from Hole OW-10-82, reported in September, 1982, were not confirmed by subsequent resampling of the remaining core and by drilling of another hole at the same site. Contamination of the original samples appears to have taken place between the time the core was split and the time the analyses were performed.

Although the Bingham Group appears to be favourably located with respect to the regional geology, no significant gold mineralization was found by Omenica's 1982 exploration programs.

Carbonate in the talc-chlorite-carbonate rocks tested by the Omenica drilling program consisted almost entirely of minor calcite. Only very rarely was carbonate observed of the more favourable dolomite/magnesite/ankerite variety.

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RECOMMENDATIONS

No further work on the Bingham Group is recommended at this time.

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CERTIFICATE

As author of this report on the Bingham Group of Omenica Resources Ltd., I hereby make the following statements:

1. My name is William E. Roscoe and I am employed as a geologist by David S. Robertson & Associates, a practice unit of Currie, Coopers & Lybrand Ltd. My office address is 145 King Street West, 24th Floor, Toronto, Ontario, M5H 1J8.
2. (a) I have received the following degrees in Geological Sciences:

B.Sc. (Eng.), 1966 - Queen's University, Kingston, Ontario.

M.Sc., 1969 - McGill University, Montreal Québec.

Ph.D., 1973 - McGill University, Montreal, Québec.

(b) I am registered as a Professional Engineer in the Province of Ontario. I am a Member of the Canadian Institute of Mining and Metallurgy and a Fellow of the Geological Association of Canada.
- (c) I have been practising as a professional geologist for over fifteen years.
3. This report is based on a visit to the property and examination of diamond drill cores on September 22 and 23, 1982; on data supplied by Dr. H.D. Carlson, consulting geologist to Omenica Resources Ltd. at that time; on data supplied by Omenica Resources Ltd.; and on four subsequent property visits in connection with supervising diamond drilling in October, November and December, 1982.
4. I have neither received, nor do I expect to receive, any interest, direct or indirect, in the property of Omenica Resources Ltd. or any affiliate. I do not beneficially own, directly or indirectly, any securities of Omenica Resources Ltd. or any affiliate.

February 4, 1983  
Toronto, Ontario

*William E. Roscoe*  
William E. Roscoe, Ph.D., P.Eng.

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APPENDIX I

DIAMOND DRILL LOGS

HOLES OW-6-82 TO OW-17-82

Property Ormenica Resources Ltd.  
 Location S 1/2, Lot 4, Con. 5, Whitney twp.  
 Latitude 21° E, 14+40' N  
 Departure N 45° W

### DIAMOND DRILL RECORD

Hole No. OW-6-82 Sheet No. 1 of 2

Collar Dip -50°  
 Total Footage 526'

Elev. Collar.....  
 Datum.....  
 Date Started.....  
 Date Completed.....  
 Drilled by Dominick Drilling  
 Logged by A.D. Carlson

Footage	Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To						
0.0	72.5' Casing.						
72.5'	96.0 Massive, medium-coarse-grained, mottled black, cream and medium-green in colour, originally an ultra-mafic rock, now a mixture of black biotite (andalusite?), light greenish talc and creamy carbonate grains; soft, and in places, friable & crumbly. Verlets, splashes, etc. of carbonate-rich quartz with no consistent f.t. to c.s., make up ~25% of rock.						
96.0	208.5 Massive, dense, fine-grained, soft, medium- grained, talc-andalusite-carbonate rock, originally ultra-mafic lava (komatiite). Inceptively fractures evident, particularly in section						

Date of Examination.....

## DIAMOND DRILL RECORD

Hole No. OW-6-82 Sheet No. 2 of 2

Property  
LocationLatitude  
Departure  
Bearing

Dip	Total Footage

Elev. Collar  
Datum  
Date Started  
Date Completed  
Drilled by  
Logged by

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
		136' - 171'. Rounded white carbonates spotting 166' - 171' and 176' - 179'.						
208.5	246.0	Similar to section 72.5 - 96.0.						
246.0	526.0	Essentially similar to section 96.0 - 208.5' Some minor changes in colour, white carbonates spotting, irregular fissures, etc., may represent individual lenses, but no good evidence of polygenetic tops or cumulative bottoms recognized. Some excellent spicule texture seen at 451' - 453'. Core ground sand/drawnash-thick as follows:						
		116' - 126' - 1' lost.						
		286' - 296' - 1' "						
		476' - 486' - 5' "						

Date of Examination

## DIAMOND DRILL RECORD

Hole No. OW-7-82 Sheet No. 1 of 4

Property Dmeric Resources Ltd.  
 Location S½, Lot 4, Con. 5  
 Whitney twp: 18E, 15+50 N  
 Latitude  
 Departure  
 Bearing N 45° W

Collar Dip -50°  
 Total Footage 601' (NQ)

Elev. Collar  
 Datum  
 Date Started 6 Sept. 1982  
 Date Completed 8 Sept. 1982  
 Drilled by Dominik Drilling  
 Logged by H. D. Carlson

Footage	Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To						
0.0	80.0' Lading.						
80.0'	601.0' Massive, dense, fine-grained, dark blue-gray-green talc-chlorite-carbonate rock, slightly an ultra-mafic lava flow (sequence of basaltic flows) with spinifex texture showing very well @ 256'-258'; 364'; 436'.						
	Alterations include minor to intense fracturing and brecciation, and negligible to abundant carbonate-quartz alteration with form of veins, stringers, stockworks in fractures, splotches, spots, blobs, etc., as outlined below:						
	① mainly massive, few short brecciated and fractured sections;						
	② moderately brecciated and fractured,						

Date of Examination.....

Property Omex Resources Ltd.  
 Location \_\_\_\_\_  
 Latitude \_\_\_\_\_  
 Departure \_\_\_\_\_  
 Bearing \_\_\_\_\_

## DIAMOND DRILL RECORD

Hole No. OW-7-82 Sheet No. R of 4

Dip \_\_\_\_\_  
 Total Footage \_\_\_\_\_

Elev. Collar \_\_\_\_\_  
 Datum \_\_\_\_\_  
 Date Started \_\_\_\_\_  
 Date Completed \_\_\_\_\_  
 Drilled by \_\_\_\_\_  
 Logged by \_\_\_\_\_

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
		minor massive sections; ③ Intensely brecciated and fractured, minor massive sections;						
		(a) minor to negligible carbonate-quartz alteration (as noted above);						
		(b) moderate to minor carb.-qz alteration;						
		(c) abundant to moderate. - " - : 80'-113' - ② and (a)						
		113'-119' - ③ - (b)						
		119'-155' - ② - (b)						
		155'-209' - ① " (a)						
		209'-238' - ② " (a) - (b)						
		238'-251' - ③ " (b)						
		251'-291' - ① " (b)						

Date of Examination \_\_\_\_\_

Property Location *Americas Resources Ltd.*

Latitude \_\_\_\_\_  
Departure \_\_\_\_\_  
Bearing \_\_\_\_\_

## DIAMOND DRILL RECORD

Hole No. OW-7-82 Sheet No. 3. of 4

Dip  
Total Footage

Elev. Collar \_\_\_\_\_  
Datum \_\_\_\_\_  
Date Started \_\_\_\_\_  
Date Completed \_\_\_\_\_  
Drilled by \_\_\_\_\_  
Logged by \_\_\_\_\_

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
		291' - 341' - ① and (a)						
		341' - 356' - ② - (b)						
		356' - 366' - ① " (a)						
		366' - 382' - ② " (b)						
		382' - 385' - ③ " (b)						
		385' - 406' - ② - (b)						
		406' - 418' - ① - (c)						
		418' - 434' - ② - (c) - (b)						
		434' - 436' - ① " (a)						
		436' - 509' - ③ " (c)						
		509' - 533' - ② " (b)						
		533' - 546' - ③ " (b)						
		546' - 551' - ② " (c)						
		551' - 601' - ② " (b)						

Date of Examination \_\_\_\_\_

# DIAMOND DRILL RECORD

Hole No. OW-7-8R Sheet No. 4 of 4

Property ... Imenia Resources Ltd.  
Location ...

Property: Omnes Resources Ltd.  
Location: \_\_\_\_\_

**Latitude** ..... **Departure** ..... **Bearing** .....

**Total Footage:**

Dip

Elev. Collar.....  
Datum.....  
Date Started.....  
Date Completed.....  
Drilled by.....  
Logged by.....

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
		Record of core ground and forwarded, and lost:						
		80'-86' - 2' lost.						
		86'-96' - 3' "						
		96'-106' - 3' "						
		106'-116' - 1' "						
		136'-146' - 2' "						
		455'-460' - 3' "						
		496'-506' - 1' "						

**Date of Examination:** \_\_\_\_\_

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split Core

p. 1 of 2

Drill Hole No. OW-7-82

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
	80	86	6	nil		281	286	5	nil
	86	96	10	nil		286	291	5	nil
	96	106	10	nil		291	296	5	nil
	106	116	10	nil		296	301	5	nil
	116	126	10	nil		301	306	5	nil
	126	136	10	nil		306	311	5	nil
	136	146	10	nil		311	316	5	trace
	146	156	10	nil		316	321	5	nil
	156	166	10	nil		321	326	5	nil
	166	175	9	nil		326	331	5	nil
	175	185	10	nil		331	336	5	nil
	185	196	11	nil		336	341	5	nil
	196	201	5	nil		341	346	5	nil
	201	206	5	nil		346	351	5	nil
	206	211	5	nil		356	361	5	nil
	211	216	5	nil		361	366	5	nil
	216	221	5	nil		366	371	5	nil
	221	226	5	nil		371	376	5	nil
	226	231	5	nil		376	381	5	nil
	231	236	5	nil		381	386	5	nil
	236	241	5	nil		386	391	5	nil
	241	246	5	nil		391	396	5	nil
	246	251	5	nil		396	401	5	nil
	251	256	5	nil		401	406	5	nil
	256	261	5	nil		406	411	5	nil
	261	266	5	nil		411	416	5	nil
	266	271	5	nil		416	421	5	nil
	271	276	5	nil		421	426	5	nil
	276	-	5	nil		426	431	5	trace

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split Core

p.2 of 2

Drill Hole No. OW-7-82

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
	431	436	5	nil		576	581	5	nil
	436	441	5	trace		581	586	5	nil
	441	444	3	nil		586	591	5	nil
	444	449	5	nil		591	596	5	nil
	449	455	6	nil		596	601	5	nil
	455	460	5	nil					
	460	466	6	nil					
	466	471	5	trace					
	471	476	5	nil					
	476	481	5	nil					
	481	486	5	nil					
	486	491	5	nil					
	491	496	5	nil					
	496	501	5	nil					
	501	506	5	nil					
	506	511	5	nil					
	511	516	5	nil					
	516	521	5	nil					
	521	526	5	trace					
	526	531	5	nil					
	531	536	5	nil					
	536	541	5	nil					
	541	546	5	nil					
	546	551	5	nil					
	551	556	5	nil					
	556	561	5	nil					
	561	566	5	nil					
	566	571	5	nil					
	571	576	5	nil					

# DIAMOND DRILL RECORD

Hole No. OY-2-22 sheet No. 1 of 1

Property Omnick Resources Ltd.  
 Location 5 1/2, lot 4, Cane, 5  
Whitney twp, 21E, 13+40 N  
 Latitude \_\_\_\_\_  
 Departure \_\_\_\_\_  
 Bearing 545° E

Collar <sup>Dip</sup> -50°

Total Footage 496'

Elev. Collar \_\_\_\_\_  
 Datum \_\_\_\_\_  
 Date Started 12 Aug. 1982  
 Date Completed 17 Aug. 1982  
 Drilled by Dominik Drilling  
 Logged by H.D. Carlson

Footage From	To	Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
0.0	101.0'	lasing.						-
101.0'	496.0'	massive, dense, fine-grained, bluish-grey to med.-dark green talc-illite-schistose rock, originally an ultra-mafic lava-flow (hornfelsite), now soft, slippery and in many places friable. Only minor (<1%) sulphides seen (po. + py.), most evident at ~ 409'. Inipient dissolution evident throughout but increasing down the hole. Roughly 16% of core ground and/or washed and lost as follows:		206-216-2' 256-266-1' 266-276-2' 286-296-4' 296-306-1' 306-316-3' 316-326-1' 346-350-4' 356-366-3' 366-376-3' 376-386-3' 386-396-4' 396-406-1'		406-416-1' 416-426-7' 426-436-3' 476-486-2' 486-496-2' Fig. magnetic scattered abraded down the core. thin carb.-gt. wiring, all narrow. Few pyritous elyptical strings (~1/16").		
		101'-106' - 3'    164'-176' - 1'						
		116'-126' - 3'    176'-186' - 1'						
		136'-146' - 2'    186'-196' - 4'						

Date of Examination \_\_\_\_\_

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split CoreDrill Hole No. OW-8-82

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
36201	101	106	5	nil	36230	386	396	10	nil
2	106	116	10	nil	1	396	406	10	nil
3	116	126	10	nil	2	406	416	10	nil
4	126	136	10	nil	3	416	426	10	nil
5	136	146	10	nil	4	426	436	10	nil
6	146	156	10	nil	5	436	446	10	nil
7	156	166	10	nil	6	446	456	10	nil
3	166	176	10	nil	7	456	466	10	nil
4	176	186	10	nil	8	466	476	10	nil
36210	186	196	10	nil	9	476	486	10	nil
1	196	206	10	nil	36240	486	496	10	nil
2	206	216	10	nil					
3	216	226	10	nil					
4	226	236	10	nil					
5	236	246	10	nil					
6	246	256	10	nil					
7	256	266	10	nil					
8	266	276	10	nil					
9	276	286	10	nil					
36220	286	296	10	nil					
1	296	306	10	nil					
2	306	316	10	nil					
3	316	326	10	nil					
4	326	336	10	nil					
5	336	346	10	nil					
6	346	356	10	nil					
7	356	366	10	nil					
8	366	376	10	nil					
9	376	386	10	nil					

# DIAMOND DRILL RECORD

Hole No. DW-9-82 Sheet No. 1 of 1

Property Orchard 12300 N.  
Location S. of Hwy 5  
Latitude Whitney top: 21°E, 11+20 N  
Departure  
Bearing 545°E

Bolder Dip -50°  
Total Footage 546'

Elev. Collar  
Datum  
Date Started 17 Aug. 1982  
Date Completed 20 Aug. 1982  
Drilled by Dominik Drilling  
Logged by H.D. Carlson

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
0.0	185.0	Coring.						and lost during drilling as follows:
185.0	546.0	Massive, dense, fine-grained, bluish-grey to dark-grey to med.-dark-green talc-chlorite-carbonate rock, originally an ultra-mafic lava flow (komatiite), now in numerous places soft, slippery, friable and showing incipient brecciation; spinifer texture is evident in some of the least altered sections; only minor quartz-carbonate veinslets and very minor (<<1%) sulphides seen (py, po, pyg). Relatively massive, non-brecciated sections are follows: 286'-336'; 340'-378'; 384'-390'; 520'-545'.		186'-191'	- 4'	Lost.		
				206'-216'	- 5'	"		
				293'-300'	- 3'	"		
				356'-362'	- 1'	"		
				362'-373'	- 1'	"		
				399'-406'	- 2'	"		
				406'-416'	- 1'	"		
				426'-436'	- 1'	"		

**Date of Examination** \_\_\_\_\_

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split CoreDrill Hole No. OW-9-82

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
36241	185	191	6	nil	36270	456	466	10	nil
2	191	206	15	0.002	1	466	476	10	nil
3	206	216	10	nil	2	476	486	10	nil
4	216	226	10	0.002	3	486	494	8	nil
5	226	236	10	0.002	4	494	500	6	nil
6	236	246	10	nil	5	500	506	6	nil
7	246	256	10	0.002	6	506	516	10	nil
8	256	266	10	nil	7	516	524	8	nil
9	266	276	10	0.002	8	524	536	12	0.002
36250	276	286	10	nil	36279	536	546	10	nil
1	286	293	7	0.002					
2	293	306	13	nil					
3	306	316	10	0.002					
4	316	326	10	nil					
5	326	336	10	nil					
6	336	346	10	nil					
7	346	356	10	nil					
8	356	362	6	nil					
9	362	373	11	0.002					
36260	373	384	11	nil					
1	384	394	10	nil					
2	394	406	5	0.002					
3	399	406	7	nil					
4	406	416	10	0.002					
5	416	426	5	nil					
6	426	436	7	nil					
7	426	436	10	nil					
8	436	446	10	nil					
9	446	456	10	nil					

Property Omega Resources Ltd.  
 Location 5 1/2, Lot 4, Con. 5  
Whitney Two.  
 Latitude 41° 5' N  
 Departure 84.3 N'  
 Bearing 545° E.

## DIAMOND DRILL RECORD

Hole No. OW-10-82 1 of 5

Collar Dip -50°  
 @ 300' -510'  
 @ 756' -50°  
 Total Footage 756'

Elev. Collar \_\_\_\_\_  
 Datum \_\_\_\_\_  
 Date Started 20 AUG 1982  
 Date Completed 26 AUG 1982  
 Drilled by DOMINIK DRILLING LTD  
 Logged by H.D. CARLSON PH.D. P.ENG

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
<u>0.0</u>	<u>300.0'</u>	Casing.						
<u>300.0'</u>	<u>631.5'</u>	Massive, dense, fine-grained, dark-bluish-gray to very dark grey to dark green-ultramafic rocks, (i.e.) talc-chlorite-carbonate rocks, originally talc-chlorite-carbonate rocks (hornfelsic law. gneiss) now variously altered by brecciation, quartz-carbonate veining, and sub-alloporous (?) and dextric (?) and post faulting retrograde effects (?) as follows:						
		300.0' - 367' - mainly massive, little (relatively) brecciation and carb. gray veining alterations.						

Date of Examination \_\_\_\_\_

Property Amexco Resources Ltd.  
 Location .....  
 Latitude .....  
 Departure .....  
 Bearing .....

## DIAMOND DRILL RECORD

Hole No. 0W-10-82 2 of 5

Footage	Formation	Dip	Total Footage
From	To		
	<u>367'-447'</u>		
	- as above but relatively more brecciation, scabs, py. area + slightly alteration.		
	<u>447'-456'</u>		
	- more intense alteration.		
	<u>456'-459'</u>		
	- more massive.		
	<u>459'-461'</u>		
	- more intense alteration.		
	<u>461'-463'</u>		
	- sole massive.		
	<u>463'-466'</u>		
	- more intensive alteration.		
	<u>466'-490'</u>		
	- more massive with short sections & intensive alteration.		
	<u>490'-506'</u>		
	- more intensive alteration.		
	<u>506'-524'</u>		
	- more massive.		
	<u>524'-561'</u>		
	- more intensive alteration, with few short massive sections.		
	<u>561'-589'</u>		
	- more massive.		
	<u>589'-606'</u>		
	- more intensive alteration, with few short massive sections.		

Elev. Collar.....  
 Datum.....  
 Date Started.....  
 Date Completed.....  
 Drilled by.....  
 Logged by.....

Date of Examination.....

## DIAMOND DRILL RECORD

Hole No. 0W-10-32 Sheet No. 3 of 5

Property Ameria Resources Ltd.  
Location Whitney tops.  
Latitude  
Departure  
Bearing

**Dip**

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Total Footage.....

Elev. Collar.....  
Datum.....  
Date Started.....  
Date Completed.....  
Drilled by.....  
Logged by.....

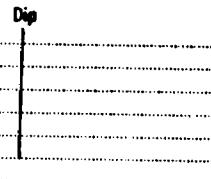
Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
636'	637.5'	also more intense alteration with jigsaw pattern of rock massive rock.						
637.5'	665.0'	Massive, dense, planar, medium-dark grey-green intermediate-mafic lava (andesite?). 656'-665' - rock shows some signs of incipient brecciation and (shearing?, scissility?, fracturing? etc. @ 60°-70° to s/n.) Down to 656' rock shows 5-10% carb.-gny. alteration in form of blbly, spotted, irregular stringers, etc., but only rare traces of sulphides seen (<<1%). From 656' to 665' somewhat less carb.-gny. alteration, but this is more regular and tends to follow the foliation (?) planes, where sulphides (very f.g. py+po?) are more evident, but still sparse.						

Date of Examination.....

Property: Iveries Resources Ltd.  
 Location: Whitney tops.  
 Latitude: \_\_\_\_\_  
 Departure: \_\_\_\_\_  
 Bearing: \_\_\_\_\_

## DIAMOND DRILL RECORD

Hole No. OW-10-82 ~~section 4~~ at 5



Elev. Collar: \_\_\_\_\_  
 Datum: \_\_\_\_\_  
 Date Started: \_\_\_\_\_  
 Date Completed: \_\_\_\_\_  
 Drilled by: \_\_\_\_\_  
 Logged by: \_\_\_\_\_

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
665.0	672.0	Fine to med. grained, red-grey to light grey to grayish-green, massive graywacke with slight incipient indications of bedding at 6°-10° to s/a. Note: 6" carb-gty. vein at 671'. Rocks appear to be getting coarser down the hole (?).						
672.0	756.0	Mostly fine-grained, mainly well-and-thinly- bedded (or bedded) light to medium grey to green clastic wackes; bedding planes @ 6°-10° to s/a. Carb-gty. alterations (in range 5-10%) mainly in the stringers (but some up to 1" thick) parallel to bedding planes. Note: 6" carb-gty. vein at 716'. Sulphides more abundant here, with pyrite in coarse cubes up to 1/4" dia., and show more relationship to rock alterations.						

End of hole.

Date of Examination: \_\_\_\_\_

Property Amherica Resources Ltd.  
Location Whitney top  
Latitude \_\_\_\_\_  
Departure \_\_\_\_\_  
Bearing \_\_\_\_\_

# DIAMOND DRILL RECORD

Hole No. OW-10-82 sheet 5 of 5

Elev. Collar .....  
Datum .....  
Date Started .....  
Date Completed .....  
Drilled by .....  
Logged by .....

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
		Record of core ground and for washed, and lost:						
300'	301'	- 6' lost.						
324'	324'	- 3' "						
329'	336'	- 3' "						
386'	396'	- 3' "						
446'	456'	- 1' "						
506'	516'	- 5' "						
526'	536'	- 1' "						
536'	546'	- 1' "						
546'	556'	- 2' "						
596'	606'	- 1' "						
606'	616'	- 3' "						

**Date of Examination:** \_\_\_\_\_

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split Core

p.1 of 3

Drill Hole No. OW-10-82

Swastika - Original assays \*

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
36280	300	309	9	nil	36109	566	576	10	nil
1	309	315	6	nil	36110	576	586	10	nil
2	315	324	9	nil	1	586	596	10	nil
3	324	329	5	nil	2	596	606	10	0.0005
4	329	336	7	nil	3	606	616	10	1.13
5	336	342	6	nil	4	616	626	10	1.05
6	342	346	4	nil	5	626	636	10	0.15
7	346	356	10	nil	6	636	646	10	0.04
8	356	366	10	nil	7	646	656	10	nil
9	366	376	10	nil	8	656	666	10	0.07
36290	376	386	10	nil	9	666	676	10	0.32
1	386	396	10	nil	36120	676	686	10	0.07
2	396	406	10	nil	1	686	696	10	0.002
3	406	416	10	nil	2	696	706	10	nil
4	416	426	10	nil	3	706	716	10	0.12
5	426	436	10	nil	4	716	726	10	0.44
6	436	446	10	nil	5	726	736	10	0.39
7	446	456	10	nil	6	736	746	10	0.005
8	456	466	10	nil	36127	746	756	10	0.002
9	466	476	10	0.002					
36300	476	486	10	nil					
36101	486	496	10	nil					
2	496	506	10	nil					
3	506	516	10	nil					
4	516	526	10	nil					
5	526	536	10	nil					
6	536	546	10	nil					
7	546	556	10	nil					
8	556	566	10	nil					

\* The high Au values from 36113 to 36125 were not confirmed by later re-assaying of the core and by re-running the assay.

OMENICA RESOURCES - BINGHAM GROUP

### Assays of Split Core

p. 2 of 3

Drill Hole No. 0W-10-32

Hole No. 1000 Assayers Limited - Assays on rejects from original samples \*

\* The high An values were not confirmed by later quartering of the core and by re-drilling of the hole.

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split Core

p.3 of 3

Drill Hole No. OW-10-82

Swastika - Assays of core quartered and reported by Teck.

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
8501	596	601	5	0.002	8536	703	710	2	0.002
2	601	606	5	0.005	7	710	712	2	nil
3	606	608	2	nil	8	712	714	2	nil
4	608	610	2	0.002	9	714	716	2	0.002
5	610	612	2	0.003	8540	716	718	2	nil
6	612	614	2	0.002	1	718	720	2	0.002
7	614	616	2	0.002	2	720	722	2	nil
8	616	618	2	nil	3	722	724	2	0.002
9	618	620	2	nil	8544	724	726	2	nil
8510	620	622	2	0.002					
1	622	624	2	nil					
2	624	626	2	nil					
3	626	631	5	nil					
4	631	636	5	nil					
5	636	641	5	0.002					
6	641	646	5	nil					
7	646	651	5	nil					
3	651	656	5	0.002					
4	656	658	2	nil					
8520	658	660	2	nil					
1	660	662	2	0.005					
2	662	664	2	nil					
8523	664	666	2	nil					
8530	696	698	2	nil					
1	698	700	2	nil					
2	700	702	2	nil					
3	702	704	2	0.002					
4	704	706	2	nil					
5	706	708	2	nil					

## DIAMOND DRILL RECORD

Hole No. OW-1R-82 Sheet No. 1 of 4

Property: America Resources Ltd.  
 Location: S½, lot 4, Conc. 5  
 Whitree twp.  
 Latitude:  
 Departure:  
 Bearing: S 45° E.

Collar Dip: -50°

Total Footage: 258'

Elev. Collar.....  
 Datum.....  
 Date Started: 30 Aug 1982  
 Date Completed: 31 Aug 1982 (?)  
 Drilled by: Dominik Drilling  
 Logged by: H.D. Carlson

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
0.0'	18.0'	Casing.						
18.0'	32.0'	Graywacke - light grayish-green in color, fine-grained, massive with numerous bedding planes, replaced by thin carb.-st. septa at 60°-70° to c/s. Minor (<1%) diss., f.g., py. disseminated.						
32.0'	33.0'	Pearl Iron Formation, as described below.						
33.0'	34.0'	Graywacke, as described above.						
34.0'	45.0'	Iron Formation. Diferous. Magnetic. Fine-grained. Banded (bedding?) at 60°-70° to c. a. Banded structure shown by subtle variations in dark gray-blue-black lines, thinly bedded, but replaced by parallel thin septa (veining?) of carb.-quartz material; this veining is places wider up to 1") and more diffuse and irregular. Fine to						

Date of Examination.....

## DIAMOND DRILL RECORD

Hole No. OW-12-82 Sheet No. 2 of 4

Property Dixeria Resources Ltd.

Location

Latitude

Departure

Bearing

Dip

Total Footage

Elev. Collar

Datum

Date Started

Date Completed

Drilled by

Logged by

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
		med. grained pyrite erratically down the hole (<1%) some cherts, some on bedding, silty fracture planes and some in strongly massive (>50%) thin septa // to beds (latter seen at 45').						
45.0'	50.0'	Quarry Vein (or siliceous clerty member of I.F. assemblage?). 1-2% py. this throughout but showing some preference for black-colored (graphitic?) fracture planes.						
50.0'	51.5'	Greywacke, as above.						
51.5'	140.0'	Iron Formation, as above. Similar to above but in places bedding (banding, laminations, septa, etc.?) is very irregular (?); dark (black) septa (none) and sheets on crenulation planes are graphite; 8" gty-cast vein @ ~1/10'. Pyrite mineralization.						

Date of Examination

## DIAMOND DRILL RECORD

Hole No. OW-12-82 Sheet No. 3 of 4

Omerie Resources Ltd.

Property Location

Latitude  
Departure  
Bearing

Dip

Total Footage

Elev. Collar  
Datum  
Date Started  
Date Completed  
Drilled by  
Logged by

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
		as above and as follows: (2 1/2% - 5% overall).						
57.5	66.0	- mainly diss.						
66.0	106.0	- " "						
106.0	116.0	- some stringy, mainly diss.						
116.0	119.0	- mainly stringy.						
119.0	174.0	- mainly diss.						
140.0	174.0'	Minect-up I.F., graywacke, quartz-carb. variegated black, hard, graphic (silicified?) material. By. min as above.						
174.0	258.0'	Massive, interbedded-silicic volcanics (lava flows probably) with variegated stringy, blotchy cracked carb.-gt. alteration; more interbedded being: 176'-178'; 185-187'; @ 191'; 193'-194'; 197.5'-200.0'; @ 202'; @ 207'; 208'-211';						

Date of Examination

## DIAMOND DRILL RECORD

Hole No. OW-12-82 Sheet No. 4 of 4

Property Openia Resources Ltd.  
Location

Property Winnipeg Resources Ltd.  
Location 1000 - 10th Street  
Latitude 49° 30' N  
Departure 0° 0' E  
Bearing 0° 0' E

**Dip**

**Elev. Collar** .....  
**Datum** .....  
**Date Started** .....  
**Date Completed** .....  
**Drilled by** .....  
**Logged by** .....

**Date of Examination** \_\_\_\_\_

OMENICA RESOURCES - BINGHAM GROUP

### Assays of Split Core

Drill Hole No. OW-12-82

# Diamond Drill Sampling Record

Hole No. OW-82-13 Sheet 1 of 2  
 Property BINGHAM Length 700 ft Lat. 41° 15' N Hor. Comp.  
 District Bearing S 45° E Dep. Etch. at  
 Commenced 8 SEPT 1982 Dip -50° Elev. True Dip  
 Completed 13 SEPT 1982 Objective Location 5 1/2, LOT 4, CONC. 6 WHITNEY TWP  
 Drilled by Dominik Drilling TINNINS, ONT.  
 Total Recovery % +95%  
 Logged by H. J. WAHL 9 OCT 1982

Footage	From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis	Recovery %
			O-110 CASING					
110	366		Highly ALTERED (TALC-CHLRT-CARB) SERPENTINE ROCK. BLUISH-GREEN SLATE GREY IN COLOR, VERY SIMILAR TO FORMATION IN HOLE 14. @ 115' 8", 2" QTZ-CARB VEIN, MINOR PYRITES. @ 123'-126', HEAVILY SHEARED & BRECCIATED w/ TALCOSE MUD (GOUGE) ZONES. @ 136'-146' SHEARED @ 153'-176' HEAVILY SHEARED TALC GOUGE @ 178'-198' " " " " @ 198'-295' VARIABLY SHEARED, RANDOM CARB. STRINGERS @ 216' 2" QTZ-CARB VEIN, BASIC INCLUSIONS					
366'	426'	VEINED ZONE	SAME AS ABOVE BUT MORE RANDOM CARB, AND QTZ-CARB VEINS, HAIRLINE TO 1" THICK. PETRO SAMPLE @ 387'. ALSO VARIABLE SPECKLED (SUB PORPHYRYTIC APPEARANCE DUE TO CARB).					
426'	446'		ALT. SERPENTINE Rock + WHITE CARB., BRECCIATED AND SHEARED.					
446	451		TALC GOUGE ZONE					
451	453		AS 426'-446'					
453	456		RESORBED ZONE IN SERPENTINE Rock. PETRO SAMPLE @ 455'					
456	467		TALC GOUGE ZONE					
467	486		SHEARED SERP. Rock.					

# Diamond Drill Sampling Record

Hole No. OW-82-13 Sheet 2 of 2

Box 7 MISSING WIRE, BUT CORE UNDISTURBED

SPLIT 146' - 206'  
366' - 516

Property	Length	Lat.	Hor. Comp.	Ver. Comp.
District	Bearing	Dep.	Etch. at	Total Recovery %
Commenced	Dip	Elev.	True Dip	Logged by
Completed	Objective		Location	

Footage From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis	Recovery %
486	489	MED GR., SALT & PEPPER TEXT BIOT-SERP. Rock MINOR CARB.					
489	497	BLUISH GREEN-GREY SERP. Rock AS ABOVE.					
497	502	do + SPINIFEX TEXTURE					
502	700	AS 489-497, VARIABLE SPINIFEX ZONES, PRECIPITATED, VERY LOW QTZ-CARB VEINING END — <u>GROUND CORE</u> 123-126 (3') 184-186 (2') 275-276 (1') 285-286 (1') 311-314 (3') 475-476 (4')					

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split CoreDrill Hole No. OW-13-82

p. 1 of 2

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
5201	110	115	5	trace		391	396	5	nil
2	115	120	5	trace		396	402	5	trace
3	120	128	8	trace		402	406	5	nil
4	128	133	5	trace		406	411	5	nil
5	133	138	5	trace		411	416	5	nil
5206	138	143	5	trace		416	421	5	nil
	143	146	3	0.060		421	426	5	nil
Check on rejects	143	146	3	0.010		426	431	5	nil
"	143	146	3	0.015		431	436	5	nil
"	143	146	3	0.010		436	441	5	nil
	146	151	5	nil		441	446	5	nil
	151	156	5	nil		446	451	5	nil
	156	161	5	nil		451	456	5	nil
	161	166	5	nil		456	461	5	nil
	166	171	5	nil		461	466	5	nil
	171	176	5	nil		466	471	5	nil
	176	181	5	nil		471	476	5	nil
	181	186	5	nil		476	481	5	nil
	186	191	5	nil		481	486	5	nil
	191	196	5	nil		486	491	5	nil
	196	201	5	nil		491	496	5	nil
	201	206	5	nil		496	501	5	nil
	206	211	5	nil		501	506	5	nil
	211	217	6	nil		506	511	5	nil
	366	371	5	trace		511	516	5	nil
	371	376	5	nil		516	521	5	trace
	376	381	5	nil		521	526	5	nil
	381	386	5	nil		526	531	5	nil
	386	391	5	nil		531	536	5	nil

OMENICA RESOURCES - BINGHAM GROUP

### Assays of Split Core

Drill Hole No. OW-13-82

P 2 of 2

# Diamond Drill Sampling Record

Hole No. 064 - 82-14 Sheet 1 OF 3  
 Property BINGHAM Length 866'  
 District Bearing 545°E 121350 Dep.  
 Commenced 14 SEPT '82 Dip - 50°  
 Completed 18 SEPT '82 Objective  
 Lat. 416E - 13400N Hor. Comp.  
 Etch. at  
 True Dip  
 Location 5 1/2, LOT 4, CONC 5 WHITNEY TWP  
 Drilled by Dominik Drilling Logged by H. WAHL OCT 82  
 TIMMINS, ONTARIO

Footage From	to	Description	Shorts Feet	Sample No.	Length Feet	Analysis	Recovery %
0	240	CASED OVERBURDEN					
240	240'6"	CHLORITIC GOUGE					
240'6"	374	TALC, CHLORITE, CARBONATE ALTERED SERPENTINE ROCK, TALC-CHLORITE COATED SLIPS, MILDELY-STRONG LY MAGNETIC. NO SULPHIDES, SMALL ZONES WITH TALCOSIG SUGARY TEXTURE. SCATTERED MM SIZE XTALS OF MT. 266-282 INTERMITTENT SPINIFER TEXTURE 337-367 ESSENTIALLY SAME RX AS ABOVE MORE SHEARED AND BRECCIAZED ZONES <del>367-384</del>					
374	415	367-394 SIMILAR RX, VARIABLE SHEAR AND BRECCIA ZONES. SERPENTINIZED FLOW ?, RANDOM TALC- CARB VEINING.					
415	440	- CONTACT ?? - MORE MASSIVE FINE GR. SERP. RX, MORE GREYISH GREEN IN COLOR. OCC. QTZ VENNS TO 2" @ 417'6" MINOR FINE DISM PY @ 426' MINOR DISM CPX ASSOC. WITH 2" QTZ VEN. MORE CPX IN ALTERED FLOW THA IN QTZ VEN. OCC. CARB VEIN LETS.					

## Diamond Drill Sampling Record

Hole No. 0W-52-14 Sheet 2 of 3

Property	Length	Lat.	Hor. Comp.	Ver. Comp.
District	Bearing	Dep.	Etch. at	Total Recovery %
Commenced	Dip	Elev.	True Dip	Logged by
Completed	Objective		Location	

Footage From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis		Recovery %
440	520	SIMILAR Rx AS ABOVE, INTERMITTANT BRECC- IATION, TALC-CHLRT SHEAR ZONES 442-446 MORE GOUGY & SHEARED 450-455 " " " " 456, 2" CLAY SEAM 493-497 HEAVY GOUGING & SHEARING MORE MASSIVE, WITH FREQ. SPINIFEX TERT. OCC SHORT BRECCIAKED SECTIONS.  616-735 HEAVILY SHEARED & CHLORITIZED  ZONE # VARIABLE SERP-CART-CHLRT Rock BECOMING BANDED PISP-CHLRTD ACTIN- OLITE Rock? OCC. CHLRT SLIPS $\Delta$ 45° LESS VEINING IN LAST 12' ABOVE PORPHYRY DIKE CONTACT. UPPER DIKE CNTCT $\Delta$ 45°						
738	768	X PETRO SAMPLE @ 736'						
768	787	CONTACT APHANITIC TO PORPHYRITIC pale grey dike PHENOS TO 1/4" $\pm$ 1% Py. @ 771' 6" WHITE QTZ 775-776 QTZ, INCLUSIONS OF MAGMATIC FLOW AND PORPHYRY DIKE 778-779 QTZ w/ POR. INCLUSIONS 782-783 " " " " 786-787 " " " "						

## Diamond Drill Sampling Record

Hole No. OW-14-82 Sheet 3

Sheet 3

Property	Length	Lat.	Hor. Comp.	Ver. Comp.
District	Bearing	Dep.	Etch. at	Total Recovery %
Commenced	Dip	Elev.	True Dip	Logged by
Completed	Objective		Location	

Footage From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis		Recovery %
787	793	SILICIFIED (MINOR CARB BLOTH) ARENALOGU SED - ZONE OF ± 1/4" ROUNDED QTZ GRAINS MINOR PISM PY, PO, RARE OPY						
793	809	GREYISH FINELY LAMINATED TALCOSE ROCK Δ LAMINATIONS 60°. 2" QTZ VN. @ 809' CUTS ACROSS BANDING. <u>MAFIC TUFF?</u>						
809	866	<u>806</u> PETRO SAMPLE GREENISH FINELY LAMINATED Δ 60°-70° ALTERNATING GREEN AND WHITE LAYERS (CHLRT + FLSP) MINOR PY. <u>MAFIC TUFF?</u>						
	-	END						

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split CoreDrill Hole No. OW-14-82

p. 1 of 2

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
	240	246	6	nil		516	526	10	trace
	246	250	4	nil		526	536	10	nil
	250	266	16	nil		536	546	10	nil
	266	276	10	nil		546	556	10	nil
	276	286	10	nil		556	566	10	nil
	286	296	10	trace		566	576	10	nil
	296	306	10	nil		576	586	10	nil
	306	316	10	nil		586	596	10	nil
	316	326	10	nil		596	606	10	trace
	326	336	10	nil		606	616	10	nil
	336	346	10	nil		616	626	10	nil
	346	356	10	nil		626	636	10	nil
	356	366	10	nil		636	646	10	nil
	366	376	10	nil		646	656	10	nil
	376	386	10	nil		656	666	10	nil
	386	396	10	nil		666	676	10	trace
	396	406	10	nil		676	686	10	nil
	406	416	10	nil		686	696	10	nil
	416	424	8	nil		696	706	10	nil
	424	434	10	nil		706	716	10	nil
?	434	436	2	trace		716	726	10	nil
	436	446	10	trace		726	736	10	nil
	446	456	10	nil		736	746	10	nil
	456	466	10	trace		746	756	10	nil
	466	476	10	nil		756	766	10	nil
	476	486	10	nil		766	770	4	nil
	486	496	10	nil		770	775	5	nil
	496	506	10	nil		775	780	5	nil
	506	516	10	nil		780	785	5	nil

OMENICA RESOURCES - BINGHAM GROUP

### Assays of Split Core

Drill Hole No. OW-14-82

P. 2 + 2

## Diamond Drill Sampling Record

Hole No. OW-15-82 Sheet 1/3  
 Property BINGHAM Length 816 FT Lat. L14E - 12 toon Hor. Comp.  
 District Bearing AZ 135° S45° E Dep. Etch. at Ver. Comp.  
 Commenced 19 SEPT. 1982 Dip -70° Elev. True Dip Total Recovery % +75%  
 Completed 22 SEPT 1982 Objective Location 8½ Lot 4 Conc 5 Whitney Township, Timmins, Ont.

Drilled by Dominik Drilling

Footage From	Footage To	Description	Shorts Feet	Sample No.	Length Feet	Analysis	Recovery %
0'	260'	CASING / OVERTBURDEN					
260'	616'	TALC - CARBONATE - SERPENTINE ROCK. ESSENTIALLY SAME FM. AS CUT BY HOLE 13. INTERMITTANT ZONES OF STRONG BRECCIATION WITH INTENSE TALC - CARBONATE DEVELOPMENT. VARIABLE ZONES OF SPECKLED APPEARANCE (SUB - PORPHYRITIC) - BLOTTEDS OF CARB. AGAINST DARK SERPENTINE BACKGROUND. VERY MINOR SPINIREX TEXTURE, ALL ABOVE 471'. VERY WEAKLY MAGNETIC. RANDOM QTZ - CARB VEINS, ABOUT 4cm QTZ - CARB VEINS THROUGHOUT THE ZONE 260 - 471. @ 273' 4" QTZ - CARB. VEIN @ 327' 6" 5" " " " @ 427' 3" " " "					
616'	647'	INTENSELY SHEARED ZONE, ++ TALC & CARB. CONTACT $\Delta$ 45°					
647'	656'	FOLIATED TALC - SERP. ROCK $\Delta$ 45°, MORE GREEN THAN UPPER ZONE, VARIABLE SPECKLED APPEARANCE - GRADATIONAL ZONE PETRO SAMPLE @ 648'					
656'	676' 5"	TALC - SERP. ROCK, FINE - MED GRAINED, SEMI-CONFORMABLE WHITE CARB LAYERS TO $1\frac{1}{4}$ "					

# Diamond Drill Sampling Record

Hole No. <u>OW-15-82</u>		Sheet <u>2/3</u>		Property District Commenced Completed	Length Bearing Dip Objective	Lat. Dep. Elev.	Hor. Comp. Etch. at True Dip	Ver. Comp. Total Recovery % Logged by	
From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis			Recovery %
676'5"	694'2"	BIOT-FLSP- ACTINOLITE? ROCK. HARD, WITH SOFTER TALC-CARB SECTIONS, RANDOM X FOLIATION CONCORDANT QTZ VEINS. PETRO SAMPLE @ 686'							
694'2"	716	SILICIFIED METASED?? INTERMEDIATE QTZ. EYE TUFF ?? RESORBED BY ILL-DEFINED, 6"-1" ZONES OF QTZ FLSP PORPHYRY. FINE GRAINED, VERY HARD PALE GREY. @ 713'-716 DEFINITE ZONE Q.F.P., MINOR QTZ VEINING, DISSEM. PY-Po-Cpy L 1% THROUGH-OUT. MOSTLY CUBIC PY.							
716'	763'	META ANDESITE ? FINELY LAMINATED, CHLORITIC. LAMINAEE ARE QTZ + CHLORITE. ROCK IS PALE GREEN IN COLOR WITH CONTRASTING THIN WHITE QTZ LAYERS. GENERALLY SOFTER THAN PRECEDING FM. SCATTERED SECONDARY QTZ VEINS // TO AND X-CUTTING FOLIATION. MINOR CUBIC PY, plus dsm. Po + Cpy THROUGHOUT ± 1%							
763'	765'6"	Q.F.P. DIKE, 3" QTZ ZONE @ LOWER CONTACT. QTZ VEINS CUT PORPHYRY							
756'6"	769	MIXED META VOLC. + Q.F.P. DIKE							
769	772	Q.F.P. DIKE							

## Diamond Drill Sampling Record

Hole No. OW-15-82 Sheet 3 / 3

Property	Length	Lat.	Hor. Comp.	Ver. Comp.
District	Bearing	Dep.	Etch. at	Total Recovery %
Commenced	Dip	Elev.	True Dip	Logged by
Completed	Objective		Location	

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split CoreDrill Hole No. OW-15-82

p. 1 of 2

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
	260	266	6	nil		406	411	5	nil
	266	271	5	nil		411	416	5	nil
	271	276	5	nil		416	421	5	trace
	276	281	5	nil		421	426	5	nil
	281	286	5	trace		426	431	5	nil
	286	291	5	nil		431	436	5	nil
	291	296	5	nil		436	441	5	nil
	296	301	5	nil		441	446	5	nil
	301	306	5	nil		446	451	5	nil
	306	311	5	nil		451	456	5	nil
	311	316	5	nil		456	461	5	nil
	316	321	5	nil		461	466	5	nil
	321	326	5	nil		466	471	5	nil
	326	331	5	trace		471	476	5	nil
	331	336	5	nil		476	481	5	trace
	336	341	5	nil		481	486	5	trace
	341	346	5	trace		486	491	5	nil
	346	351	5	nil		491	496	5	nil
	351	356	5	nil		496	501	5	trace
	356	361	5	nil		501	506	5	nil
	361	366	5	trace		506	511	5	nil
	366	371	5	nil		511	516	5	nil
	371	376	5	nil		516	521	5	trace
	376	381	5	nil		521	526	5	trace
	381	386	5	nil		526	531	5	nil
	386	391	5	nil		531	536	5	nil
	391	396	5	nil		536	541	5	nil
	396	401	5	nil		541	546	5	nil
	401	406	5	nil		546	551	5	nil

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split CoreDrill Hole No. OW-15-82

p.2 of 2

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
551	556	5	nil		696	701	5	nil	
556	561	5	nil		701	706	5	nil	
561	566	5	nil		706	711	5	nil	
566	571	5	nil		711	716	5	nil	
571	576	5	nil		716	721	5	trace	
576	581	5	nil		721	726	5	nil	
581	586	5	nil		726	731	5	trace	
586	591	5	nil		731	736	5	trace	
591	596	5	trace		736	741	5	trace	
596	601	5	nil		741	746	5	nil	
601	606	5	nil		746	751	5	nil	
606	611	5	nil		751	756	5	trace	
611	616	5	nil		756	761	5	nil	
616	621	5	nil		761	766	5	nil	
621	626	5	nil		766	771	5	nil	
626	631	5	nil		771	776	5	nil	
631	636	5	nil		776	781	5	nil	
636	641	5	nil		781	786	5	nil	
641	646	5	nil		786	791	5	nil	
646	651	5	nil		791	796	5	nil	
651	656	5	nil		796	801	5	nil	
656	661	5	nil		801	806	5	nil	
661	666	5	nil		806	811	5	nil	
666	671	5	nil		811	816	5	nil	
671	676	5	trace						
676	681	5	nil						
681	686	5	nil						
686	~71	5	nil						
691	~72	5	nil						

# Diamond Drill Sampling Record

Hole No.	OW-82-10A	Sheet	1/5	Length	726'	Lat.	20+95E, 9+13N	Hor. Comp.		Ver. Comp.	
Property	BINGHAM	Bearing	S 45° E	Dep.		Etch. at				Total Recovery %	+ 99%
District		Commenced	10 OCT '82	Dip	-52° & -52° @ 600'	Elev.	True Dip			95 Logged by	H. Wahl + B. Rose
		Completed	14 OCT '82	Objective	Re-check Hole OW-10-82	Location	9+13N, 20+95E				S 1/2 Lot 4, Conc 5, Whitney Township, Timmins, Ont.
Footage					Drilled by Dominik Drilling						
From	To	Description	NQ CORE			Shorts Feet	Sample No.	Length Feet	Analysis		Recovery %
0'	302'	CASING, OVERTBURDEN + ± 15' WEATHERED BEDROCK									
302'	538'	MEDIUM GREY-GREEN, TALC-CHLRT-CARB. SERPENTINE ROCK, MODERATELY TO STRONGLY MAGNETIC. ± .05% PY, CPO AS VERY FINE GRAINED DISSEMINATIONS AND SMEARED COATINGS ON SLIPS. INTERMITTANT ZONES OF SPINIFEX TEXTURE, VARIABLE BRECCIATION, UP TO 25' WIDE. SPOTTY SUB-PORPHYRITIC (CARB BLEDS) TEXTURE. LENSOIDAL AND STRINGER TALC-CARB VENS. BRECCIA ZONES									
			SPINIFEX								
	313'		346-347								
	321-323'		426-446								
	337-341'		455-465								
	344		490-492								
	352-356		522-525								
	362-365										
	373										
	375-381										
	391-415'	VERY HIGHLY SHEARED, TALCOSITE, BLOTTY AND VEIN CARBONATE									

WHITNEY TWP.  
TIMMINS, ONTARIO  
S 1/2, LOT 4, CONC V

95 Logged by H. Wahl + B. Rose  
S 1/2 Lot 4, Conc 5, Whitney  
Township, Timmins, Ont.

## Diamond Drill Sampling Record

Hole No. 0W-10A-82 Sheet 2/5

<u>Property</u>	<u>Length</u>	<u>Lat.</u>	<u>Hor. Comp.</u>	<u>Ver. Comp.</u>
District	Bearing	Dep.	Etch. at	Total Recovery %
Commenced	Dip	Elev.	True Dip	Logged by
Completed	Objective		Location	

## Diamond Drill Sampling Record

Hole No. OW-10A-82 Sheet 3 / 5

Property	Length	Lat.	Hor. Comp.	Ver. Comp.
District	Bearing	Dep.	Elch. at	Total Recovery %
Commenced	Dip	Elev.	True Dip	Logged by
Completed	Objective		Locotion	

## Diamond Drill Sampling Record

Hole No. OW-10A-82 Sheet 4 / 5

<u>Properly</u>	<u>Length</u>	<u>Lat.</u>	<u>Hor. Comp.</u>	<u>Ver. Comp.</u>
<u>District</u>	<u>Bearing</u>	<u>Dep.</u>	<u>Eich. at</u>	<u>Total Recovery %</u>
<u>Commenced</u>	<u>Dip</u>	<u>Elev.</u>	<u>True Dip</u>	<u>Logged by</u>
<u>Completed</u>	<u>Objective</u>		<u>Location</u>	

## Diamond Drill Sampling Record

Hole No. OW-10A-82 Sheet 5/5

<u>Property</u>	<u>Length</u>	<u>Lat.</u>	<u>Hor. Comp.</u>	<u>Ver. Comp.</u>
<u>District</u>	<u>Bearing</u>	<u>Dep.</u>	<u>Etch. at</u>	<u>Total Recovery %</u>
<u>Commenced</u>	<u>Dip</u>	<u>Elev.</u>	<u>True Dip</u>	<u>Logged by</u>
<u>Completed</u>	<u>Objective</u>		<u>Location</u>	

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split CoreDrill Hole No. OW-10A-82

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
1	536	541	5	nil	30	681	686	5	nil
2	541	546	5	nil	31	686	691	5	nil
3	546	551	5	nil	32	691	696	5	trace
4	551	556	5	nil	33	696	701	5	nil
5	556	561	5	nil	34	701	706	5	nil
6	561	566	5	nil	35	706	711	5	nil
7	566	571	5	nil	36	711	716	5	nil
8	571	576	5	trace	37	716	721	5	nil
9	576	581	5	nil	38	721	726	5	nil
10	581	586	5	nil					
11	586	591	5	nil					
12	591	596	5	trace					
13	596	601	5	nil					
14	601	606	5	nil					
15	606	611	5	nil					
16	611	616	5	nil					
17	616	621	5	nil					
18	621	626	5	trace					
19	626	631	5	nil					
20	631	636	5	nil					
21	636	641	5	trace					
22	641	646	5	nil					
23	646	651	5	trace					
24	651	656	5	trace					
25	656	661	5	nil					
26	661	666	5	nil					
27	666	671	5	nil					
28	671	676	5	nil					
29	676	681	5	trace					

*David S. Robertson & Associates Limited*

## **DIAMOND DRILL LOG**

Property OMENICA RESOURCES (BINGHAM GP) Bearing: S45°E Depth: 976  
Logged by A D HUNTER Dip Test: DIP TEST

Logged by A. D. HUNTER

DIP TEST

Collar - $50^\circ$	BQ $446' - 50^\circ$	B
NQ $376' - 91^\circ$	$6.96' - 49^\circ$	

Started Nov. 29/1822  
Finished Dec. 2/1822  
Drilled by: Dominic Drilling  
Location 26E, 10+40N  
Hole No SW-16-82  
Sheet No 1 of 10

*David S. Robertson & Associates Limited*  
**DIAMOND DRILL LOG**

Property \_\_\_\_\_ DIP TEST Hole No OW-16-82  
Logged by \_\_\_\_\_ Sheet No 2 of 10

FOOTAGE		LENGTH	DESCRIPTION	SAMPLE NUMBER	FROM	TO	LENGTH	ASSAY
FROM	TO							
			Sheared brecciated serpentine with heavy talc are in general foliated at $\sim 60^\circ$ to c.n. Barren calcite stringers in association with talc veins <u>also</u> calcite as fine grained (up to 10-20%) dimensional & rhombs is conspicuous in the more massive, dense sections.					
			<u>306.5 - 309'</u>					
			As above gradation in the form of calcite - biotite veins into a distinct lithology.					
309	331		Very fine grained massive brown biotite - calcite vein. Calcite					

*David S. Robertson & Associates Limited*  
**DIAMOND DRILL LOG**

**Property** \_\_\_\_\_ **DIP TEST** \_\_\_\_\_ **Hole N°** 04-16-82  
**Logged by** \_\_\_\_\_ **Sheet N°** 3 of 10

FOOTAGE FROM	TO	LENGTH	DESCRIPTION	SAMPLE NUMBER	FROM	TO	LENGTH	ASSAY
			<p>occurs as 'snowflakes' ranging from 1-2 mm up to 1 cm across</p> <p>Also up to 10-20% disseminated calcite rhombs</p> <p>Local subtle foliation accentuated by deformed and brecciated calcite stringers at ~60° to c.a. Chalcopyrite and bornite grains were noted in a 1cm calcite vein at 322'. The unit is not magnetic.</p>					
331	366		<p>As from 252-301', with 1-2cm talc-asbestos veins subparallel to c.a. Weakly to distinctly magnetic; no visible magnetite.</p>					

*David S. Robertson & Associates Limited*  
**DIAMOND DRILL LOG**

Property \_\_\_\_\_  
Logged by \_\_\_\_\_

## DIP TEST

Hole No OW-16-82  
Sheet No 4 of 10

FOOTAGE FROM	TO	LENGTH	DESCRIPTION	SAMPLE NUMBER	FROM	TO	LENGTH	ASSAY
331	366	36' control	Sandy conditions - extremely blocky ground from 330-360'					
366	188	178'	Ultramafic (lava(s))  Dark green - blue green massive medium grained and dense  fine-grained lava alternating with zones of spinifex and polygntined (cooling cracks) lava.  massive rock - 2 to 8' intervals  spinifex " = 1-4' "  polygntined " = 1-2' "  magnetite is conspicuous a fine grained disseminations, bands (2-5 mm) and in fractures from about 385'.					

*David S. Robertson & Associates Limited*  
**DIAMOND DRILL LOG**

DIP T

**Property** \_\_\_\_\_ **DIP TEST** \_\_\_\_\_ **Hole No** \_\_\_\_\_ **16-82**  
**Logged by** \_\_\_\_\_ **Sheet No** \_\_\_\_\_ **5 of 10**

FOOTAGE		DESCRIPTION	SAMPLE NUMBER	ASSAY		
FROM	TO			FROM	TO	LENGTH
366	488	control				
		Tr. sulphides locally, pyrite, chalcocite. Breciated - talcose zones with asbestos-magnetite veins between 445-475', esp. at 447-448', 451-455', 467-468' Foliation is only locally well developed in these zones and is generally 50-60° to c.a. Narrow talc-chlorite and asbestos strings are present throughout. Up to 10% fine grained disseminated calcite N.B.				
		<u>== In general the rock is</u> massive and does not appear to be penetratively deformed.				
		* BQ coring starts at 382'				

David S. Robertson & Associates Limited  
**DIAMOND DRILL LOG**

Property \_\_\_\_\_ DIP TEST Hole No. OW-16-82  
Logged by \_\_\_\_\_ Sheet No. 6 of 10

FOOTAGE		LENGTH	DESCRIPTION	SAMPLE NUMBER	DIP TEST		LENGTH	ASSAY
FROM	TO				FROM	TO		
456	580		Dense, massive fine grained ultramafic with well developed spinifex at 487-491' and 566-568'. magnetite visible throughout, average 5% submm. octahedrons grains - up to 2mm noted. This section is more talcose in general than previous one. Sheared, talc-rich zones <u>locally</u> developed over 1"-6" at 50-70° to c.o.a. However many talc-chlorite veins at angle, sub parallel and 20-30° to c.o.a. Not penetratively deformed.					
580	676		Core becomes conspicuously (20%) more foliated and sheared					

David S. Robertson & Associates Limited  
**DIAMOND DRILL LOG**

Property \_\_\_\_\_  
 Logged by \_\_\_\_\_

DIP TEST

Hole No. DW-16-82  
 Sheet No. 7 of 10

FOOTAGE			SAMPLE NUMBER	FROM	TO	LENGTH	ASSAY	
FROM	TO	LENGTH					DESCRIPTION	
580	676	96'					cutted. after approximately 580'. Foliation	
							at 35°-50° to r.a., predominantly	
							40° to r.a. Primary features	
							such as polytexturing and	
							spinifex are not well developed	
							due to shearing. Zones of light	
							green sheared serpentinite with	
							heavy talc (>50%) are	
							prominent throughout.	
							Calcite stringers and veins	
							up to 2cm across from 586'-	
							they are barren and are	
							deformed occurring usually	
							in talcose, foliated zones.	
676	766	90'					Spinifex developed throughout	
							this section at 594-596', 612-613',	
							700-706', 725-729', 764-766', 769-770'.	

David S. Robertson & Associates Limited  
**DIAMOND DRILL LOG**

Property \_\_\_\_\_  
Logged by \_\_\_\_\_

DIP TEST

Hole No. OW-16-82  
Sheet No. B of 10

FOOTAGE				SAMPLE NUMBER	FROM	TO	LENGTH	ASSAY	
FROM	TO	LENGTH	DESCRIPTION						
676	766	99' cont'd	Brecciated talcose zone at 725.5 - 740.0', not foliated only very local foliation developed at ~90° to c.a.						
766	803'	37'	<u>766-779'</u> Very well developed spinitex zone with a central coarse zone with sheaves indicated to >6" long. <u>779-786'</u> as 676-766', brecciated talcose zone.						
			<u>786-795'</u> well developed spinitex zone with blades up to 1" long.						
			<u>795-803'</u> Massive zone with talc-chlorite veinlets and slips throughout						
			Barren calcite-talc stringers Nil sulphides						

David S. Robertson & Associates Limited  
**DIAMOND DRILL LOG**

Property \_\_\_\_\_  
Logged by \_\_\_\_\_

DIP TEST

Hole No DW-16-82

Sheet No 9 of 10

FOOTAGE		LENGTH	DESCRIPTION	SAMPLE NUMBER	DIP TEST			ASSAY
FROM	TO				FROM	TO	LENGTH	
803'	856'		Dark blue-green dense massive lava or intrusion, grain size increases down-hole to medium grained equigranular - cumulate zone in a flow (?) Locally brecciated with calcite veins, seams and threads at all angles to c.a.					
856	860		Spirifer zone					
860	862'		Brown amphibole-calcite rich section gradational contacts above and below.					
862'	875		as from 803-856 but slightly coarser grained throughout					
875	904'		Spirifer zone, shows to 6" in length.					
904	913		Massive section					
913	922		Spirifer zone					

David S. Robertson & Associates Limited  
DIAMOND DRILL LOG

Property \_\_\_\_\_  
Logged by \_\_\_\_\_

DIP TEST		

Hole No. OW-16-82  
Sheet No. 10 of 10

FOOTAGE		LENGTH	DESCRIPTION	SAMPLE NUMBER	ASSAY		
FROM	TO				FROM	TO	LENGTH
922	971		Brecciated - shearoid section difficult to determine original nature of rock - relief spinifex locally				
			N.B. Highly fractured, brecciated - tectonic zone with shearoid clayey zones locally at 950-958', 962-963', 965-971', foliation varies from 35-55° to c.a. and subparallel to c.a. Calcite and dolc common and veins throughout. Nil sulphide				
971	976		massive medium grained zone probably cumulate rock				
976			END of Hole.				

OMENICA RESOURCES - BINGHAM GROUP

### Assays of Split Core

Drill Hole No. OW-16-32

David S. Robertson & Associates Limited

# DIAMOND DRILL LOG

Property - Cen. Bingham Co.  
Logged by - Do. 3 Nov. 1982

Bearing: SASOE Length: 831'

DIP TEST

45° - 50°	End' - 47°
60° - 80°	

Started - Sat. Dec. 4/82

Finished - Tues. Dec. 14/82

Drilled by: Dominick Drilling

Location: 30E, 4+50N

Hole No - OW-17-82

Sheet No - 1 of 6

FOOTAGE FROM	TO	LENGTH	DESCRIPTION	SAMPLE NUMBER	FROM	TO	LENGTH	ASSAY
0	261		Casing, boulder-rich section from 140-190' - false bedrock covered.					
261	660.5		<u>Ultramafic unit</u>					
	261-377							
			Pale green to medium green fine - medium grained rock. Generally massive, local foliation developed at 60° to c.a.					
			Spinifex at 265', 271-272', 291'					
			299 - 306', 374-377'.					
			Brecciated talus section at 341-346', minor olivine intercalations					
			seams of magnetite, a few pyrite cubes (assay)					
			Brown amphibole-rich section					
			section with calcite stringers between 273-284'. Hole 2-9					

David S. Robertson & Associates Limited  
DIAMOND DRILL LOG

Property \_\_\_\_\_ DIP TEST Hole No. OW - 17 - 82  
Logged by \_\_\_\_\_ Sheet No. 2 - 15

FOOTAGE			DIP TEST			ASSAY		
FROM	TO	LENGTH				FROM	TO	LENGTH
			stringers 1 ft. and up to 15 %					
			disseminated calcite. Foliation					
			at 35° to c.a.					
			<u>377 - 420</u>					
			Dark blue-green aphamitic					
			massive ultramafic rock.					
			<u>420 - 475'</u>					
			As previous section - massive					
			fine grained rock with many					
			calcite stringers and seams					
			(fracture fillings) These are					
			predominantly 40°-50° to c.a.					
			Very local brecciation over					
			6" intervals.					
			Narrow (1-2cm) zones of					
			talc schist.					

*David S. Robertson & Associates Limited*  
**DIAMOND DRILL LOG**

**Property** \_\_\_\_\_ **DIP TEST** \_\_\_\_\_ **Hole No** SW-11-82  
**Logged by** \_\_\_\_\_ **Sheet No** 3 of 6

Hole No OW-17-82  
Sheet No 3 of 6

FOOTAGE FROM		LENGTH	DESCRIPTION	SAMPLE NUMBER	FROM	TO	LENGTH	ASSAY
			<u>475 - 660.5</u>					
			Brecciated talcose serpentinite and chlorite-talc schist zone. Many deformed and brecciated calcite-talc stringers and veinlets; up to 10/ft. Foliation is variable, $20^{\circ}$ - $60^{\circ}$ to c.a. but predominantly $35^{\circ}$ - $40^{\circ}$ . Several pyrite cubes noted over the entire section.					
			Weak to moderately magnetic very little conspicuous magnetite					
			Tr. pyrite locally smeared on chlorite-talc shales and disseminated					
			<u>gap between 517-530!</u>					

*David S. Robertson & Associates Limited*  
**DIAMOND DRILL LOG**

Property \_\_\_\_\_ DIP TEST Hole No OW-17-82  
Logged by \_\_\_\_\_ Sheet No 4 of 6

FOOTAGE		LENGTH	DESCRIPTION	SAMPLE NUMBER	FROM	TO	LENGTH	ASSAY	
FROM	TO								
660.5	831		Sediments - sheared contact with ultramafics.						
660.5	- 663		Laminated biotite-quartz-feldspathic unit, c.a. 35° to banding.						
663	- 800		Laminated - banded chlorite schist. Compositional banding defined by ^-magnetite, quartz-amphibole laminae alternating with dark green chlorite rich zones parallel to schistosity. Variable percentage of chlorite and amphibole also defines what appears to be bedding.						
			The rock contains, in general, 0.1 - 0.5% disseminated pyrite						

David S. Robertson & Associates Limited  
DIAMOND DRILL LOG

Property \_\_\_\_\_  
Logged by \_\_\_\_\_

DIP TEST

Hole No. DW-17-82

Sheet No. 5 of 6

FOOTAGE		DESCRIPTION	SAMPLE NUMBER	ASSAY		
FROM	TO			FROM	TO	LENGTH
		cubes generally 1-2 mm on average but up to 1 cm across. Dr. fine addition - "streaks" of pyrrhotite and pyrite occur on foliation planes. The rock is not magnetic.				
		A local cleavage cleavage with associated conjugate kink structures was observed at 30° to r.a. (i.e. 90° to bedding - banding).				
		Gradational contact over 2' into next unit.				
		<u>800-831</u>				
		Light grey to dark charcoal grey laminated and thin bedded sediments (e. previous section)				
		Barre quartz-carbonate veins				

*David S. Robertson & Associates Limited*  
**DIAMOND DRILL LOG**

**Property** \_\_\_\_\_ **DIP TEST** \_\_\_\_\_ **Hole No** \_\_\_\_\_  
**Logged by** \_\_\_\_\_ **Sheet No** \_\_\_\_\_

## OMENICA RESOURCES - BINGHAM GROUP

Assays of Split CoreDrill Hole No. OW-17-82

Sample No.	Interval		Length (ft)	oz/ton Au	Sample No.	Interval		Length (ft)	oz/ton Au
	From	To				From	To		
5274	273	284	11	trace	5291	616	626	10	0.002
1	336	341	5	trace	5292	663	668	5	trace
5275	341	346	5	trace	5293	673	674	1	trace
5277	376	386	10	0.002	5294	682	687	5	trace
5278	402	412	10	trace	5295	725.3	735	9.7	trace
2	416	420	4	0.002	5296	732.5	787.5	5	trace
3	420	425	5	trace	5297	821	826	5	trace
5279	425	431	6	trace					
4	431	433	2	trace					
5280	433	435.5	2.5	0.002					
5	435.5	441	5.5	0.002					
6	441	444	3	trace					
5281	444	454	10	trace					
5282	474.5	486	11.5	trace					
5283	486	496	10	0.002					
5284	496	506	10	trace					
5285	506	516	10	0.002					
5286	516	526	10	trace					
5287	526	535	9	trace					
5288	535	540	5	0.002					
7	540	546	6	trace					
8	546	551	5	trace					
9	551	556	5	trace					
10	556	561	5	trace					
11	561	566	5	0.002					
5289	566	576	10	trace					
12	576	581	5	trace					
13	581	585	5	trace					
5290	585	590	10	0.002					

*David S. Robertson & Associates*

APPENDIX II

CERTIFICATES OF ANALYSIS

DRILL HOLES OW-6-82 TO OW-17-82

SLUDGES AND SPLIT CORES



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53801

Date: August 20, 1982

Received August 13, 1982      45      Samples of Sludges

Submitted by Omenica Resources Ltd., Porcupine, Ontario

c/o Dr. H. D. Carlson

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
<u>Hole # 6</u>		<u>Hole # 6</u>		<u>Hole # 6</u>	
71-76'	Nil	216-226'	Nil	366-376'	Nil
76-86	Nil	226-236	Nil	376-386	0.002
86-96	Nil	236-246	Nil	386-396	Nil
96-106	Nil	246-256	Nil	396-406	0.002
106-116	Nil	256-266	Nil	406-416	Nil
116-126	Nil	266-276	Nil	416-426	Nil
126-136	Nil	276-286	Nil	426-436	Nil
136-146	Nil	286-296	Nil	436-446	Nil
146-156	Nil	296-306	Nil	446-456	Nil
156-166	Nil	306-316	Nil	456-466	Nil
166-176	Nil	316-326	Nil	466-476	Nil
176-186	Nil	326-336	Nil	476-486	Nil
186-196	Nil	336-346	Nil	486-496	Nil
196-206	Nil	346-356	Nil	496-506	Nil
206-216	Nil	356-366	Nil	506-516	Nil

Per

G. Lebel - Manager



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53940

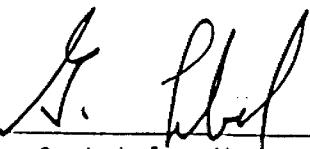
Date: September 21, 1982

Received Sept. 9, 1982      49      Samples of Sludge

Submitted by Omenica Resources Limited, c/o Dr. H. D. Carlson, Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
<u>Hole # 7</u>		<u>Hole # 7</u>		<u>Hole # 7</u>	
86-96'	0.002	286-296'	Nil	506-516'	0.002
96-106	0.002	296-306	Nil	516-526	0.002
106-116	0.002	306-316	Nil	526-536	0.002
116-126	Nil	316-326	Nil	536-546	Nil
126-136	Nil	346-356	Nil	546-556	0.002
136-146	Nil	356-366	Nil	556-566	Nil
146-156	Nil	366-376	Nil	566-576	Nil
156-166	Nil	376-386	Nil	576-586	0.002
166-176	Nil	386-396	Nil	586-596	0.002
176-186	0.002	396-406	Nil		
186-196	Nil	406-416	Nil		
196-206	Nil	416-426	0.01		
206-216	Nil	426-436	0.002		
216-226	Nil	444-454	0.002		
226-236	Nil	455-465	Nil		
236-246	Nil	466-476	0.002		
246-256	Nil	476-486	Nil		
256-266	Nil	486-496	Nil		
266-276	Nil	496-506	Nil		
276-286	Nil	496-606	Nil		

Per

  
G. Lebel - Manager



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53816

Date: August 26, 1982

Received August 17, 1982

40

Samples of Sludges

Submitted by Omenica Resources Ltd., c/o Dr. H. D. Carlson, Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
<u>Hole # 8</u>			
100 - 106'	Nil	296 - 306'	0.002
106 - 116	Nil	306 - 316	Nil
116 - 126	Nil	316 - 326	Nil
126 - 136	Nil	326 - 336	Nil
136 - 146	0.005	336 - 346	Nil
146 - 156	0.002	346 - 356	Nil
156 - 166	0.005	356 - 366	Nil
166 - 176	0.002	366 - 376	Nil
176 - 186	0.002	376 - 386	Nil
186 - 196	Nil	386 - 396	Nil
196 - 206	Nil	396 - 406	Nil
206 - 216	Nil	406 - 416	Nil
216 - 226	Nil	416 - 426	0.002
226 - 236	0.002	426 - 436	0.002
236 - 246	0.01	436 - 446	Nil
246 - 256	0.002	446 - 456	Nil
256 - 266	0.002	456 - 466	Nil
266 - 276	Nil	466 - 476	Nil
276 - 286	Nil	476 - 486	Nil
286 - 296	Nil	486 - 496	Nil

Per

G. Lebel - Manager



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53836

Date: August 27, 1982

Received August 20, 1982      36      Samples of Sludges

Submitted by Omenica Resources Limited, c/o Dr. H. D. Carlson, Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
<u>Hole # 9</u>			
136-146'	0.002	366-376'	0.002
186-196	Nil	376-386	Nil
196-206	Nil	386-396	Nil
206-216	Nil	396-406	Nil
216-226	Nil	406-416	Nil
226-236	Nil	416-426	Nil
246-256	0.002	426-436	Nil
256-266	Nil	436-446	Nil
266-276	0.002	446-456	Nil
276-286	Nil	456-466	Nil
286-296	Nil	466-476	Nil
296-306	Nil	476-486	Nil
306-316	Nil	486-496	Nil
316-326	Nil	496-506	Nil
326-336	Nil	506-516	Nil
336-346	Nil	516-526	Nil
346-356	Nil	526-536	Nil
356-366	Nil	536-546	Nil

Per

G. Lebel - Manager



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53884

Date: September 3, 1982

Received August 27, 1982

46

Samples of

Sludges

Submitted by Omenica Resources Limited, c/o Dr. H. D. Carlson, Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
<u>Hole # 10</u>		<u>Hole # 10</u>		<u>Hole # 10</u>	
30-36'	Nil	476-486'	Nil	656-666'	Nil
306-316	0.002	486-496	Nil	666-676	Nil
316-326	0.002	496-506	Nil	676-686	Nil
326-336	0.005	506-516	Nil	686-696	Nil
336-346	Nil	516-526	Nil	696-706	Nil
346-356	Nil	526-536	Nil	706-716	Nil
356-366	Nil	536-546	Nil	716-726	Nil
366-376	0.002	546-556	Nil	726-736	Nil
376-386	Nil	556-566	Nil	736-746	Nil
386-396	Nil	566-576	Nil	746-756	Nil
396-406	Nil	576-586	Nil		
406-416	Nil	586-596	Nil		
416-426	Nil	596-606	Nil		
426-436	Nil	606-616	Nil		
436-446	Nil	616-626	Nil		
446-456	Nil	626-636	Nil		
456-466	Nil	636-646	Nil		
466-476	Nil	646-656	Nil		

Per \_\_\_\_\_

  
G. Lebel - Manager

ESTABLISHED 1928



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53916

Date: September 13, 1982

Received Sept. 2, 1982      24      Samples of Sludges

Submitted by Omenica Resources Ltd., Porcupine, Ontario

c/o Dr. H. D. Carlson

SAMPLE NO.      GOLD  
Oz./ton

Hole # 12

18-26'	Nil
26-36	Nil
36-46	Nil
46-56	Nil
56-66	Nil
66-76	Nil
76-86	Nil
86-96	Nil
96-106	Nil
106-116	Nil
116-126	Nil
126-136	Nil

SAMPLE NO.      GOLD  
Oz./ton

<u>Hole # 12</u>	
136-146'	Nil
146-156	Nil
156-166	Nil
166-176	Nil
176-186	Nil
186-196	Nil
196-206	0.002
206-216	0.002
216-226	Nil
226-236	Nil
236-246	Nil
246-256	Nil

Per \_\_\_\_\_

G. Lebel - Manager

ESTABLISHED 1928



# BONDAR-CLEGG & COMPANY LTD

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3119

10 Feb 1853

## Certificate of Analysis

TO \_\_\_\_\_  
Omenica Resources Ltd.  
520-355 Burrard Street  
Vancouver, British Columbia V6C 2G6

REPORT NO. A-12-914 . . . . .  
DATE October 25, 1982 . . . . .

I hereby certify that the following are the results of analyses made by us upon the herein described sludge samples.

## NOTE

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged

**BONDAR-CLEGG & COMPANY LTD.**



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53992

Date: September 27, 1982

Received Sept. 17, 1982

60

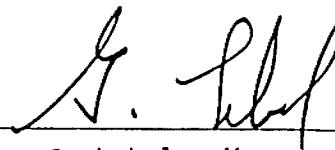
Samples of

Sludge

Submitted by Omenica Resources Limited, c/o Dr. H. D. Carlson, Porcupine, Ontario

SAMPLE NO. Hole # 13	GOLD Oz./ton	SAMPLE NO. Hole # 13	GOLD Oz./ton	SAMPLE NO. Hole # 13	GOLD Oz./ton
110-116'	Nil	316-326'	0.002	516-526'	Nil
116-126	Nil	326-336	Nil	526-536	0.002
126-136	Nil	336-346	0.002	536-546	Nil
136-146	Nil	346-356	Nil	546-556	0.002
146-156	0.002	356-366	Nil	566-576	Nil
156-165	0.002	366-376	0.002	576-586	Nil
166-176	0.005	376-386	0.002	586-596	Nil
176-186	0.002	386-396	0.002	596-606	Nil
186-196	0.002	396-406	0.002	606-613	Nil
196-206	0.002	406-416	0.002	606-616	Nil
206-216	Nil	416-426	0.002	616-626	0.002
226-236	Nil	426-436	0.005	626-636	Nil
236-246	Nil	436-446	0.002	636-646	0.002
246-256	Nil	446-456	0.002	646-656	0.002
256-266	Nil	456-466	0.002	656-666	Nil
266-276	0.002	466-476	0.002	666-676	0.002
276-286	Nil	476-486	0.002	676-686	0.002
286-296	Nil	486-496	0.002	686-696	Nil
296-306	0.002	496-506	0.002	696-700	0.005
306-316	Nil	506-516	0.002	556-?	0.002

Per

  
G. Lebel - Manager

ESTABLISHED 1928



# BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. 29168

DATE: December 8, 1982

SAMPLE(S) OF: Sludge (71)

RECEIVED: December, 1982

SAMPLE(S) FROM: D. Hunter, Robertson & Associates

0-W-16-82

Footage	Oz. Gold	Footage	Oz. Gold	Footage	Oz. Gold
256-266	trace	496-506	trace	736-746	trace
-276	trace	-516	trace	-756	trace
286-296	trace	-526	trace	-766	0.004
-306	trace	-536	trace	-776	trace
-316	0.002*	-546	trace	-786	trace
-326	trace	-556	trace	-796	trace
-336	trace	-566	trace	-806	trace
-346	trace	-576	trace	-816	0.002*
-356	trace	-586	trace	-826	trace
-366	trace	-596	trace	-836	trace
-376	trace	-606	0.002*	-846	trace
-386	trace	-616	trace	-856	trace
-396	trace	-626	trace	-866	trace
-406	trace	-636	trace	-876	0.002*
-416	trace	-646	0.002*	-886	trace
-426	0.002*	-656	trace	-896	trace
-436	trace	-666	0.002*	-906	trace
-446	trace	-676	trace	-916	trace
446-456**	trace	-686	0.004	-926	trace
446-456**	trace	-696	0.002*	-936	trace
-466	0.008	-706	0.002*	-946	trace
-476	0.002*	-716	trace	-956	trace
-486	trace	-726	trace	-966	trace
-495	0.002*	-736	trace		

\*Estimated

\*\*Duplicate footage numbers (not quite legible)



BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. 29739

DATE: December 16, 1982

SAMPLE(S) OF: Sludge (58)

RECEIVED: December, 1982

SAMPLE(S) FROM: Mr. Doug Hunter  
Robertson & Associates

OW-17	Footage	Oz. Gold	Footage	Oz. Gold	
	261-266	0.002*		546-556	0.006
	-276	trace		-566	0.010
	-286	trace		-576	0.004
	-296	trace		-586	trace
	-306	0.002*		-596	0.002*
	-316	0.002*		-606	trace
	-326	0.002*		-616	0.006
	-336	0.002*		-626	trace
	-346	0.004		-636	0.002*
	-356	trace		-646	trace
	-366	trace		-656	trace
	-376	trace		-666	0.002*
	-386	0.006		-676	0.002*
	-396	0.002*		-686	0.002*
	-406	trace		-696	0.002*
	-416	trace		-706	trace
	-426	0.004		-716	trace
	-436	0.012		-726	trace
	-446	0.002*		-736	0.002*
	-456	trace		-746	trace
	-466	trace		-756	trace
	-476	trace		-766	trace
	-486	0.002*		-776	trace
	-496	0.004		-786	trace
	-506	trace		-796	trace
	-516	trace		-806	trace
	-526	0.002*		-816	trace
	-536	trace		-826	0.002*
	-546	0.004		-836	0.002*

\*Estimated

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53854

Date: September 1, 1982

Received August 24, 1982      40      Samples of Split Core

Submitted by Omenica Resources Ltd., c/o Dr. H. D. Carlson, Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton		
<i>FOOTAGE</i>		<i>FOOTAGE</i>			
101-106	36201	Nil	296-306	36221	Nil
106-116	36202	Nil	306-316	36222	Nil
116-126	36203	Nil	316-326	36223	Nil
126-136	36204	Nil	326-336	36224	Nil
136-146	36205	Nil	336-346	36225	Nil
146-156	36206	Nil	346-356	36226	Nil
156-166	36207	Nil	356-366	36227	Nil
166-176	36208	Nil	366-376	36228	Nil
176-186	36209	Nil	376-386	36229	Nil
186-196	36210	Nil	386-396	36230	Nil
196-206	36211	Nil	396-406	36231	Nil
206-216	36212	Nil	406-416	36232	Nil
216-226	36213	Nil	416-426	36233	Nil
226-236	36214	Nil	426-436	36234	Nil
236-246	36215	Nil	436-446	36235	Nil
246-256	36216	Nil	446-456	36236	Nil
256-266	36217	Nil	456-466	36237	Nil
266-276	36218	Nil	466-476	36238	Nil
276-286	36219	Nil	476-486	36239	Nil
286-296	36220	Nil	486-496	36240	Nil

Per

G. Lebel - Manager



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

## Certificate of Analysis

Certificate No. 53917

Date: September 13, 1982

Received Sept. 3, 1982

37

Samples of

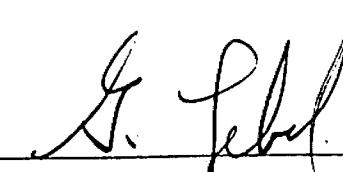
Split Core

Submitted by Omenica Resources Limited, c/o Dr. H. D. Carlson, Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton
36241	Nil
36242	0.002
36243	Nil
36244	0.002
36245	0.002
36246	Nil
36248	Nil
36249	0.002
36250	Nil
36251	0.002
36252	Nil
36253	0.002
36254	Nil
36255	Nil
36256	Nil
36257	Nil
36258	Nil
36259	0.002
36260	Nil

SAMPLE NO.	GOLD Oz./ton
36261	Nil
36262	0.002
36263	Nil
36264	0.002
36265	Nil
36266	Nil
36267	Nil
36268	Nil
36269	Nil
36270	Nil
36271	Nil
36272	Nil
36273	Nil
36274	Nil
36275	Nil
36276	Nil
36277	Nil
36279	Nil

Per

  
G. Lebel - Manager

ESTABLISHED 1928



# SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

*Min'd for  
by N. G. S. WEN*

## Certificate of Analysis

*1982*  
*1982*

Certificate No. 53947

Date: September 17, 1982

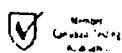
Received Sept. 8, 1982      50      Samples of Split Core

Submitted by Omenica Resources Limited, c/o Dr. H. D. Carlson, Porcupine, Ontario

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
36101	Nil	36121	0.002	36291	Nil
36102	Nil	36122	Nil	36292	Nil
36103	Nil	36123	0.12	36293	Nil
36104	Nil	36124	0.44	36294	Nil
36105	Nil	36125	0.39	36295	Nil
36106	Nil	36126	0.005	36296	Nil
36107	Nil	36127	0.002	36297	Nil
36108	Nil	36247	0.002	36298	Nil
36109	Nil	36278	0.002	36299	0.002
36110	Nil	36280	Nil	36300	Nil
36111	Nil	36281	Nil		
36112	0.005	36282	Nil		
36113	1.13	36283	Nil		
36114	1.05	36284	Nil		
36115	0.15	36285	Nil		
36116	0.04	36286	Nil		
36117	Nil	36287	Nil		
36118	0.07	36288	Nil		
36119	0.32	36289	Nil		
36120	0.07	36290	Nil		

Per

*G. Lebel*  
G. Lebel - Manager



ESTABLISHED 1928



**ASSAYERS  
LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

ROUYN, QUE. September 30, 1982

**CERTIFICATE OF ANALYSIS**

Received from: Omenica Resources Limited  
Reçu de:

Date Received: September 1982  
Reçu le:

Samples of: Sample Nos. 36113 - 36114  
Echantillons de:

Identification: \_\_\_\_\_

Sample No.	-100 Mesh ozs./ton	+100 Mesh ozs./ton	-100 Weight grams	+100 Weight grams	Calculated Assay
36113	0.67, 0.70	16.87	294.5	6.5	1.03
36114	0.84, 0.83	39.85	393.7	10.2	1.82

Rejects submitted to us on your behalf by Swastika Laboratories.

**ASSAYERS LIMITED**

PER  
PAR

ASSAYERS - SHIPPERS' REPRESENTATIVES - CONSULTANTS

"AU SERVICE DE L'INDUSTRIE DEPUIS PLUS DE 40 ANS"

"SERVING INDUSTRY FOR OVER 40 YEARS"





**ASSAYERS  
LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

ROUYN, QUE. September 30, 1982

**CERTIFICATE OF ANALYSIS**

Received from: Omenica Resources Limited  
Reçu de:

Date Received: September 1982  
Reçu le:

Samples of: Sample Nos. 36115 - 36125  
Echantillons de:

Identification: First Cut - Approximately -100 mesh unscreened

SAMPLE NO.	GOLD ozs./ton	GOLD ozs./ton	GOLD ozs./ton	GOLD ozs./ton
36115	0.15	0.16		
36116	0.23	0.02	0.02	0.02
36117	0.005	0.01		
36118	0.31	0.49	0.31	0.37
36119	0.43	0.39		
36120	0.31	0.46	0.49	0.49
36121	0.25	0.19	0.24	0.24
36122	0.10	0.08		
36123	0.89	0.30	0.35	0.33
36124	0.66	0.49	0.48	0.47
36125	0.70	0.48	0.48	

Rejects submitted to us on your behalf by Swastika Laboratories.

**ASSAYERS LIMITED**

PER  
PAR

ASSAYERS -- SHIPPERS' REPRESENTATIVES -- CONSULTANTS

"AU SERVICE DE L'INDUSTRIE DEPUIS PLUS DE 40 ANS"  
"SERVING INDUSTRY FOR OVER 40 YEARS"





**ASSAYERS  
LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROUYN, J9X 2R8 - TEL: (819) 762-3010

ONTARIO: 20 VICTORIA STREET, SUITE 506 - TORONTO, M5C 2N8 - TEL: (416) 366-3100

ROUYN, QUE. September 30, 1982

**CERTIFICATE OF ANALYSIS**

Received from: Omenica Resources Limited  
Reçu de:

Date Received: September 1982  
Reçu le:

Samples of: Sample Nos. 36120 - 36122  
Echantillons de:

Identification: Second Cut -

Sample No.	GOLD ozs./ton	GOLD ozs/ton	REPULVERIZED-GOLD ozs./ton
36120	0.19	1.42	0.26, 0.38
36121	Trace	Trace	
36122	0.01	0.01	

Rejects submitted to us on your behalf by Swastika Laboratories.

**ASSAYERS LIMITED**

PER  
PAR

ASSAYERS - SHIPPERS' REPRESENTATIVES - CONSULTANTS

"AU SERVICE DE L'INDUSTRIE DEPUIS PLUS DE 40 ANS"  
"SERVING INDUSTRY FOR OVER 40 YEARS"





# TECK EXPLORATIONS LIMITED

SUITE 7000  
P.O. BOX 170

1 FIRST CANADIAN PLACE,  
TORONTO, CANADA M5X 1G9

TEL.: 416-862-7102  
TELEX: 06-219566

October 1, 1982

The Following samples were taken by Teck Explorations  
Limited from Omenica's DDH #10.

<u>Sample No.</u>	<u>Sample Interval</u>	<u>Length</u>	<u>Assay Results Reported Verbally by Swastika Laboratories to TX On October 1, 1982</u>
8501	596-601	5.0'	0.002
2	601-606	5.0'	0.005
3	606-608	2.0'	nil
4	608-610	2.0'	0.002
5	610-612	2.0'	0.003
6	612-614	2.0'	0.002
7	614-616	2.0'	0.002
8	616-618	2.0'	nil
9	618-620	2.0'	nil
10	620-622	2.0'	0.002
1	622-624	2.0'	nil
2	624-626	2.0'	nil
3	626-631	5.0'	nil
4	631-636	5.0'	nil
5	636-641	5.0'	0.002
6	641-646	5.0'	nil
7	646-651	5.0'	nil
8	651-656	5.0'	0.002
9	656-658	2.0'	nil
20	658-660	2.0'	nil
1	660-662	2.0'	0.005
2	662-664	2.0'	nil
8523	664-666	2.0'	nil
*	666-676		
	676-686		
	686-696		
8530	696-698	2.0'	nil
1	698-700	2.0'	nil
2	700-702	2.0'	nil
3	702-704	2.0'	0.002
4	704-706	2.0'	nil
8535	706-708	2.0'	nil
6	708-710	2.0'	0.002
7	710-712	2.0'	nil
8	712-714	2.0'	nil
9	714-716	2.0'	0.002
40	716-718	2.0'	nil
1	718-720	2.0'	0.002
2	720-722	2.0'	nil
3	722-724	2.0'	0.002
4	724-726	2.0'	nil
*	726-736		
	736-746		
	746-756		

\* Assays pending

  
M. Blecha



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Ltd.  
520-355 Burrard Street  
Vancouver, British Columbia V6C 2G8

REPORT NO. A-12-889  
DATE October 18, 1982

I hereby certify that the following are the results of analyses made by us upon the herein described core samples

MARKED	oz/ton		oz/ton		oz/ton		
	Au	MARKED	Au	MARKED	Au		
7-80-86	Nil		7-211-216	Nil		7-286-291	Nil
7-86-96	Nil		7-216-221	Nil		7-291-296	Nil
7-96-106	Nil		7-221-226	Nil		7-296-301	Nil
7-106-116	Nil		7-226-231	Nil		7-301-306	Nil
7-116-126	Nil		7-231-236	Nil		7-306-311	Nil
7-126-136	Nil		7-236-241	Nil		7-311-316	Tr
7-136-146	Nil		7-241-246	Nil		7-316-321	Nil
7-146-156	Nil		7-246-251	Nil		7-321-326	Nil
7-156-166	Nil		7-251-256	Nil		7-326-331	Nil
7-166-175	Nil		7-256-261	Nil		7-331-336	Nil
7-175-185	Nil		7-261-266	Nil		7-336-341	Nil
7-185-196	Nil		7-266-271	Nil		7-341-346	Nil
7-196-201	Nil		7-271-276	Nil		7-346-351	Nil
7-201-206	Nil		7-276-281	Nil		7-351-356	Nil
7-206-211	Nil		7-281-286	Nil		7-361-366	Nil

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Ltd.

-2-

REPORT NO. 4-12-889

DATE October 18, 1982

I hereby certify that the following are the results of analyses made by us upon the herein described **core** samples

MARKED	oz/ton		MARKED	oz/ton		MARKED	oz/ton	
	Au			Au			Au	
7-366-371	Nil		7-441-444	Nil		12-114-119	Nil	
7-371-376	Nil		7-444-449	Nil		12-159-164	Nil	
7-376-381	Nil		7-449-455	Nil				
7-381-386	Nil		7-455-460	Nil				
7-386-391	Nil		7-460-466	Nil				
7-391-396	Nil		7-466-471	Tr				
7-396-401	Nil		7-471-476	Nil				
7-401-406	Nil		7-476-481	Nil		More Results to Follow		
7-406-411	Nil		7-481-486	Nil				
7-411-416	Nil		7-486-491	Nil				
7-416-421	Nil		7-491-496	Nil				
7-421-426	Nil		7-496-501	Nil				
7-426-431	Tr		7-501-506	Nil				
7-431-436	Nil		12-43-49	Nil				
7-436-441	Tr		12-108-111	Nil				

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omencs Resources Ltd.

520-355 Burrard Street

Vancouver, British Columbia V6C 2C8

REPORT NO. 4-12-889 (Supplement) . . . . .  
DATE October 20, 1982 . . . . .

I hereby certify that the following are the results of analyses made by us upon the herein described . . . . . core samples

MARKED	oz/ton				oz/ton				oz/ton
	Au	MARKED		Au	MARKED		Au		
7-506-511	Nil		7-581-586	Nil		13-196-201		Nil	
7-511-516	Nil		7-586-591	Nil		13-201-206		Nil	
7-516-521	Nil		7-591-596	Nil		13-206-211		Nil	
7-521-526	Tr		7-596-601	Nil		13-211-217		Nil	
7-526-531	Nil		13-143-146	0.060		13-366-371		Tr	
7-531-536	Nil		13-146-151	Nil		13-371-376		Nil	
7-536-541	Nil		13-151-156	Nil		13-376-381		Nil	
7-541-546	Nil		13-156-161	Nil		13-381-386		Nil	
7-546-551	Nil		13-161-166	Nil		13-386-391		Nil	
7-551-556	Nil		13-166-171	Nil		13-391-396		Nil	
7-556-561	Nil		13-171-176	Nil		13-396-402		Tr	
7-561-566	Nil		13-176-181	Nil		13-402-406		Nil	
7-566-571	Nil		13-181-186	Nil		13-406-411		Nil	
7-571-576	Nil		13-186-191	Nil		13-411-416		Nil	
7-576-581	Nil		13-191-196	Nil		13-416-421		Nil	

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Openics Resources Ltd.

- 2 -

REPORT NO. .... A-12-889 (Supplement) ..

DATE ..... October 20, 1982 .....

I hereby certify that the following are the results of analyses made by us upon the herein described ..... core ..... samples

MARKED	oz/ton				oz/ton					
	Au		MARKED		Au					
13-421-426	Nil		13-501-506		Nil					
13-426-431	Nil		13-506-511		Nil					
13-431-436	Nil		13-781-786		Nil					
13-436-441	Nil		14-766-770		Nil					
13-441-446	Nil		14-770-775		Nil					
13-446-451	Nil		14-775-780		Nil					
13-451-456	Nil		14-780-785		Nil					
13-456-461	Nil		14-785-790		Nil					
13-461-466	Nil		14-790-796		Nil					
13-466-471	Nil		12-164-169		Nil					
13-471-476	Nil									
13-476-481	Nil									
13-486-491	Nil									
13-491-496	Nil									
13-496-501	Nil									

BONDAR-CLEGG & COMPANY LTD.

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Ltd.  
520-355 Burrard Street  
Vancouver, British Columbia V6C 2G8

REPORT NO. A-12-912

DATE October 20, 1982

I hereby certify that the following are the results of analyses made by us upon the herein described ..... pulp ..... samples

MARKED		oz/ton						oz/ton		
		Au			MARKED			Au		
1		Nil			16			Nil		
2		Nil			17			Nil		
3		Nil			18			Tr		
4		Nil			19			Nil		
5		Nil			20			Nil		
6		Nil			21			Tr		
7		Nil			22			Nil		
8		Tr			23			Tr		
9		Nil			24			Tr		
10		Nil			25			Nil		
11		Nil			26			Nil		
12		Tr			27			Nil		
13		Nil			28			Nil		
14		Nil			29			Tr		
15		Nil			30			Nil		

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Ltd.

Page 2

REPORT NO. A-12-912

DATE October 20, 1982

I hereby certify that the following are the results of analyses made by us upon the herein described ..... pulp ..... samples

MARKED		oz/ton								
		Au								
31		Nil								
32		Tr								
33		Nil								
34		Nil								
35		Nil								
36		Nil								
37		Nil								
38		Nil								

Note: Tr means trace

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

Osanics Resources Ltd.

TO

520-355 Burrard Street

Vancouver, British Columbia V6C 2G8

REPORT NO. A-12-913 .....

DATE October 21, 1982 .....

I hereby certify that the following are the results of analyses made by us upon the herein described . . . . . core samples

MARKED	oz/ton			oz/ton			oz/ton	
	Au	MARKED	Au	MARKED	Au			
15-316-321	Nil		15-391-396	Nil		15-766-771	Nil	
15-321-326	Nil		15-396-401	Nil		15-771-776	Nil	
15-326-331	Tr		15-401-406	Nil		15-776-781	Nil	
15-331-336	Nil		15-406-411	Nil		15-781-786	Nil	
15-336-341	Nil		15-411-416	Nil		15-786-791	Nil	
15-341-346	Tr		15-416-421	Tr		15-791-796	Nil	
15-346-351	Nil		15-421-426	Nil		15-796-801	Nil	
15-351-356	Nil		15-426-431	Nil		15-801-806	Nil	
15-356-361	Nil		15-431-436	Nil		15-806-811	Nil	
15-361-366	Tr		15-436-441	Nil		15-811-816	Nil	
15-366-371	Nil		15-441-446	Nil				
15-371-376	Nil		15-446-451	Nil				
15-376-381	Nil		15-451-456	Nil				
15-381-386	Nil		15-456-461	Nil				
15-386-391	Nil		15-761-766	Nil				

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Ltd.  
520-355 Burrard Street  
Vancouver, British Columbia V6C 2G8

REPORT NO. A-12-925  
DATE October 25, 1982

I hereby certify that the following are the results of analyses made by us upon the herein described . . . core. . . samples

MARKED	oz/ton				oz/ton			oz/ton		
	Au		MARKED		Au		MARKED		Au	
14-240-246	Nil		14-386-396		Nil		14-526-536		Nil	
14-246-250	Nil		14-396-406		Nil		14-536-546		Nil	
14-250-266	Nil		14-406-416		Nil		14-546-556		Nil	
14-266-276	Nil		14-416-424		Nil		14-556-566		Nil	
14-276-286	Nil		14-424-434		Nil		14-566-576		Nil	
			434							
14-286-296	Tr		14-424-436		Tr		14-576-586		Nil	
14-296-306	Nil		14-436-446		Tr		14-586-596		Nil	
14-306-316	Nil		14-446-456		Nil		14-596-606		Tr	
14-316-326	Nil		14-456-466		Tr		14-606-616		Nil	
14-326-336	Nil		14-466-476		Nil		14-616-623		Nil	
14-336-346	Nil		14-476-486		Nil		14-626-636		Nil	
14-346-356	Nil		14-486-496		Nil		14-636-646		Nil	
14-356-366	Nil		14-496-506		Nil		14-646-656		Nil	
14-366-376	Nil		14-506-516		Nil		14-656-666		Nil	
14-376-386	Nil		14-516-526		Tr		14-666-676		Tr	

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Ltd.  
\_\_\_\_\_  
\_\_\_\_\_

-2-

REPORT NO. . . A-12-925 . . . . .

DATE . . . October 25, 1982 . . . . .

I hereby certify that the following are the results of analyses made by us upon the herein described . . . core . . . . . samples

MARKED	oz/ton									
	Au									
14-676-686	Nil									
14-686-696	Nil									
14-696-706	Nil									
14-706-716	Nil									
14-716-726	Nil									
14-726-736	Nil									
14-736-746	Nil									
14-746-756	Nil									
14-756-766	Nil									
14-796-806	Nil									
14-806-816	Tr									
14-816-826	Nil									
14-826-836	Tr									

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.

*Mr. L. Clegg*



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Limited  
520-355 Burrard Street  
Vancouver, British Columbia V6C 2G8

REPORT NO. . . A-12-926 . . . . .

DATE . . . October 29, 1982 . . . . .

I hereby certify that the following are the results of analyses made by us upon the herein described . . . . . core . . . . . samples

MARKED		oz/ton					oz/ton			
		Au		MARKED			Au			
15-260-266		Nil		15-481-486			Tr			
266-271		Nil		486-491			Nil			
271-276		Nil		491-496			Nil			
276-281		Nil		496-501			Tr			
281-286		Tr		501-506			Nil			
15-286-291		Nil		15-506-511			Nil			
291-296		Nil		511-516			Nil			
296-301		Nil		516-521			Tr			
301-306		Nil		521-526			Tr			
306-311		Nil		526-531			Nil			
15-311-316		Nil		15-531-536			Nil			
461-466		Nil		536-541			Nil			
466-471		Nil		541-546			Nil			
471-476		Nil		546-551			Nil			
476-481		Tr		551-556			Nil			

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.

*John Clegg*



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Limited

Page 2

REPORT NO. A-12-926 .....

DATE ..... October 29, 1982 .....

I hereby certify that the following are the results of analyses made by us upon the herein described ..... core ..... samples

MARKED		oz/ton					oz/ton		
		Au			MARKED		Au		
15-556-561		Nil			15-631-636		Nil		
561-566		Nil			636-641		Nil		
566-571		Nil			641-646		Nil		
571-576		Nil			646-651		Nil		
576-581		Nil			651-656		Nil		
15-581-586		Nil			15-656-661		Nil		
586-591		Nil			661-666		Nil		
591-596		Tr			666-671		Nil		
596-601		Nil			671-676		Tr		
601-606		Nil			676-681		Nil		
15-606-611		Nil			15-681-686		Nil		
611-616		Nil			686-691		Nil		
616-621		Nil			691-696		Nil		
621-626		Nil			696-701		Nil		
626-631		Nil			701-706		Nil		

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.

*M. Clegg*



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Limited

Page 3

REPORT NO. . . A-12-926 . . . . .

DATE . . . October 29, 1962 . . . . .

I hereby certify that the following are the results of analyses made by us upon the herein described . . . . . core . . . . . samples

MARKED		oz/ton								
		Au								
15-706-711		Nil								
711-716		Nil								
716-721		Tr								
721-726		Nil								
726-731		Tr								
15-731-736		Tr								
736-741		Tr								
741-746		Nil								
746-751		Nil								
751-756		Tr								
15-756-761		Nil								

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.

*John Clegg*



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

TO Omenica Resources Limited  
520-355 Burrard Street  
Vancouver, British Columbia V6C 2G8

REPORT NO. A-12-927  
DATE October 29, 1982

I hereby certify that the following are the results of analyses made by us upon the herein described ..... core ..... samples

MARKED			oz/ton							
			Au							
13-511-516			Nil							
516-521			Tr							
521-526			Nil							
526-531			Nil							
531-536			Nil							
13-536-541			Nil							
541-546			Nil							
546-551			Nil							
551-556			Tr							
		Note: Tr means trace								

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

BONDAR-CLEGG & COMPANY LTD.

*Mr. L. Clegg*



BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5

PHONE: 237-3110

## Certificate of Analysis

Rec'd 10 Nov. 1932  
J.C.R.

TO Ormenica Resources Limited  
520-535 Burrard Street  
Vancouver, British Columbia V6C 2G8

REPORT NO. A-12-1006 .....

DATE November 15, 1932 .....

I hereby certify that the following are the results of analyses made by us upon the herein described ..... **reject** ..... samples

MARKED			oz/ton							
			Au							
Split #1 13-143-146			0.010							
Split #2 13-143-146			0.015							
Split #3 13-143-146			0.010							

BONDAR-CLEGG & COMPANY LTD.

NOTE:

Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

Bondar-Clegg & Company Ltd.  
764 Belcar Road  
Ottawa, Ontario  
Canada K1B 2Z3  
Phone: (613) 237-3110  
Tele: 033-4455



**BONDAR-CLEGG**

Geochemical  
Lab Report

REPORT: 112-1832

SUBMITTED BY: H. WAHL

FROM: OMENICA RESOURCES LTD.  
DATE: 29-OCT-82 PROJECT: DTR

LOWER ELEMENT DETECTION LIMIT	EXTRACTION	METHOD	SIZE FRACTION	SAMPLE TYPE	SAMPLE PREPARATIONS
As 2 PPM	NITRIC PERCHLOR DIG	Colourimetric		PREPARED PULP	AS RECEIVED, NO SP

REPORT COPIES TO: J. REDMOND

INVOICE TO: J. REDMOND

REMARKS: < MEANS LESS THAN



REPORT: 112-1832 PROJECT: OTB

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AS PPM	NOTES
1		8	
2		<2	
3		3	
4		3	
5		3	
6		7	
7		2	
8		2	
9		2	
10		<2	
11		<2	
12		2	
13		3	
14		2	
15		2	
16		2	
17		2	
18		<2	
19		2	
20		3	
21		2	
22		2	
23		3	
24		<2	
25		3	
26		<2	
27		<2	
28		2	
29		2	
30		2	
31		4	
32		2	
33		2	
34		2	
35		3	
36		5	
37		5	
38		3	



# BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. 28861

DATE: December 3, 1982

SAMPLE(S) OF: Core (18)

RECEIVED: December, 1982

SAMPLE(S) FROM: D. Hunter, Robertson & Associates

<u>Sample No.</u>	<u>Oz. Gold</u>
5201	trace
5202	trace
5203	trace
5204	trace
5205	trace
<u>5206</u>	trace
5221	0.002*
5233	trace
5241	trace
5251	trace
5255	trace
5256	trace
5264	trace
5269	trace
5270	trace
5271	trace
5272	trace
5273	trace

\*Estimated

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.



BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. 29440.

DATE: December 13, 1982

SAMPLE(S) OF: Core (8)

RECEIVED: December 13, 1982

SAMPLE(S) FROM: Mr. Doug Hunter  
Robertson & Associates

<u>Sample No.</u>	<u>Oz. Gold</u>
5243	trace
5245	trace
5260	trace
5262	0.002*
5266	trace
5274	trace
5275	trace
5276	trace

\*Estimated



# BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. 29635

DATE: December 14, 1982

SAMPLE(S) OF: Core (15)

RECEIVED: December, 1982

SAMPLE(S) FROM: Mr. Doug Hunter  
Robertson & Associates

<u>Sample No.</u>	<u>Oz. Gold</u>
5277	0.002*
8	trace
9	trace
5280	0.002*
1	trace
2	trace
3	0.002*
4	trace
5	0.002*
6	trace
7	trace
8	0.002*
9	trace
5290	0.002*
1	0.002*

\*Estimated



# BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

NO. 29740

DATE: December 16, 1982

SAMPLE(S) OF: Core (6)

RECEIVED: December, 1982

SAMPLE(S) FROM: Mr. Doug Hunter  
Robertson & Associates

<u>Sample No.</u>	<u>Oz. Gold</u>
5292	trace
3	trace
4	trace
5	trace
6	trace
7	trace



# BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

## Certificate of Analysis

PoJ 1KO

NO. 30718

DATE: December 29, 1982

SAMPLE(S) OF: Core (13)

RECEIVED: December, 1982

SAMPLE(S) FROM: Mr. Doug Hunter

<u>Sample No.</u>	<u>Oz. Gold</u>
Bag #1	trace
2	0.002*
3	trace
4	trace
5	0.002*
6	trace
7	trace
8	trace
9	trace
10	trace
11	0.002*
12	trace
13	trace

\*Estimated

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

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

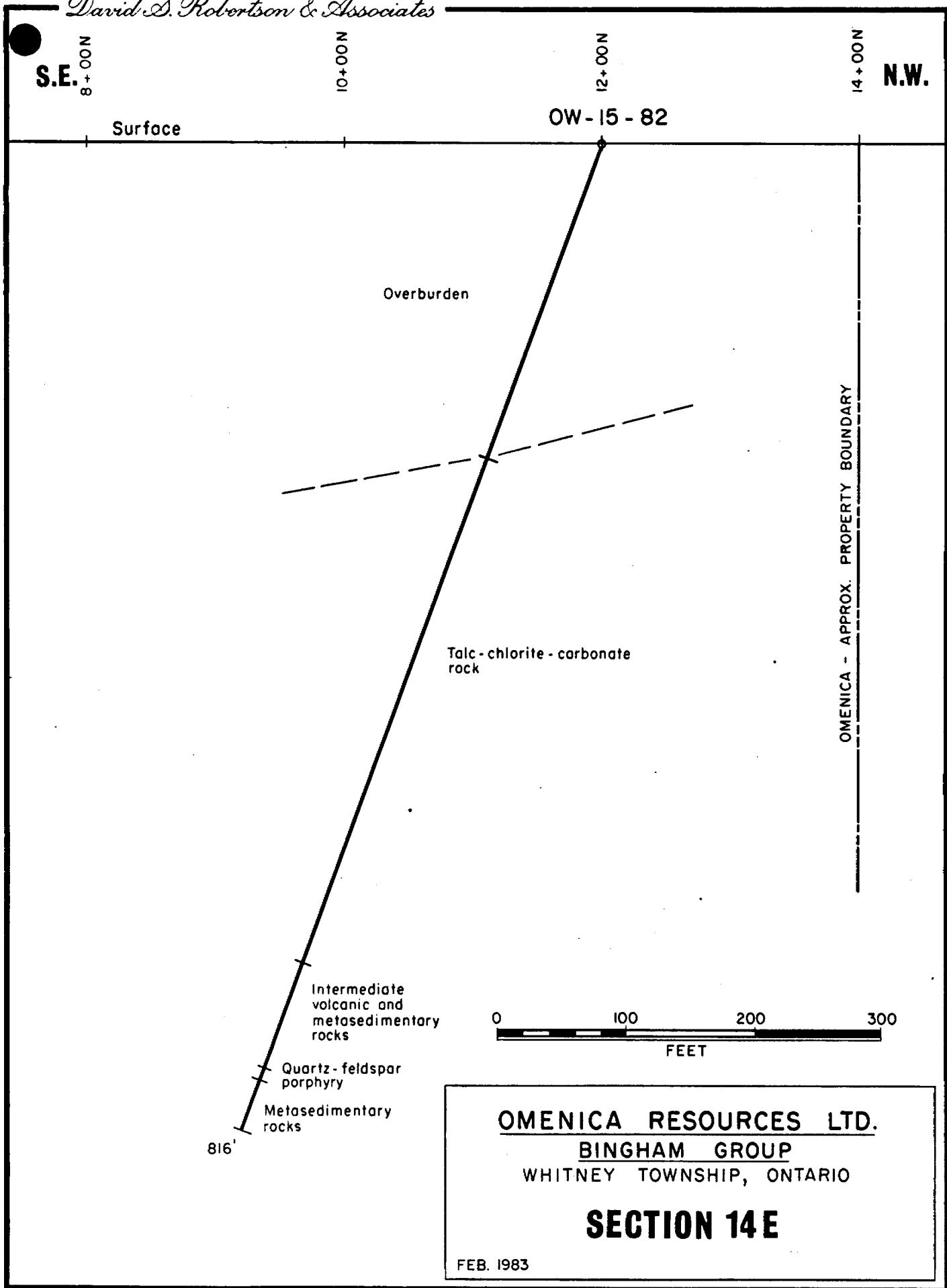
*David S. Robertson & Associates*

APPENDIX III

DRILL SECTIONS 14E to 30E

HOLES OW-6-82 TO OW-17-82

David S. Robertson & Associates



**OMENICA RESOURCES LTD.**

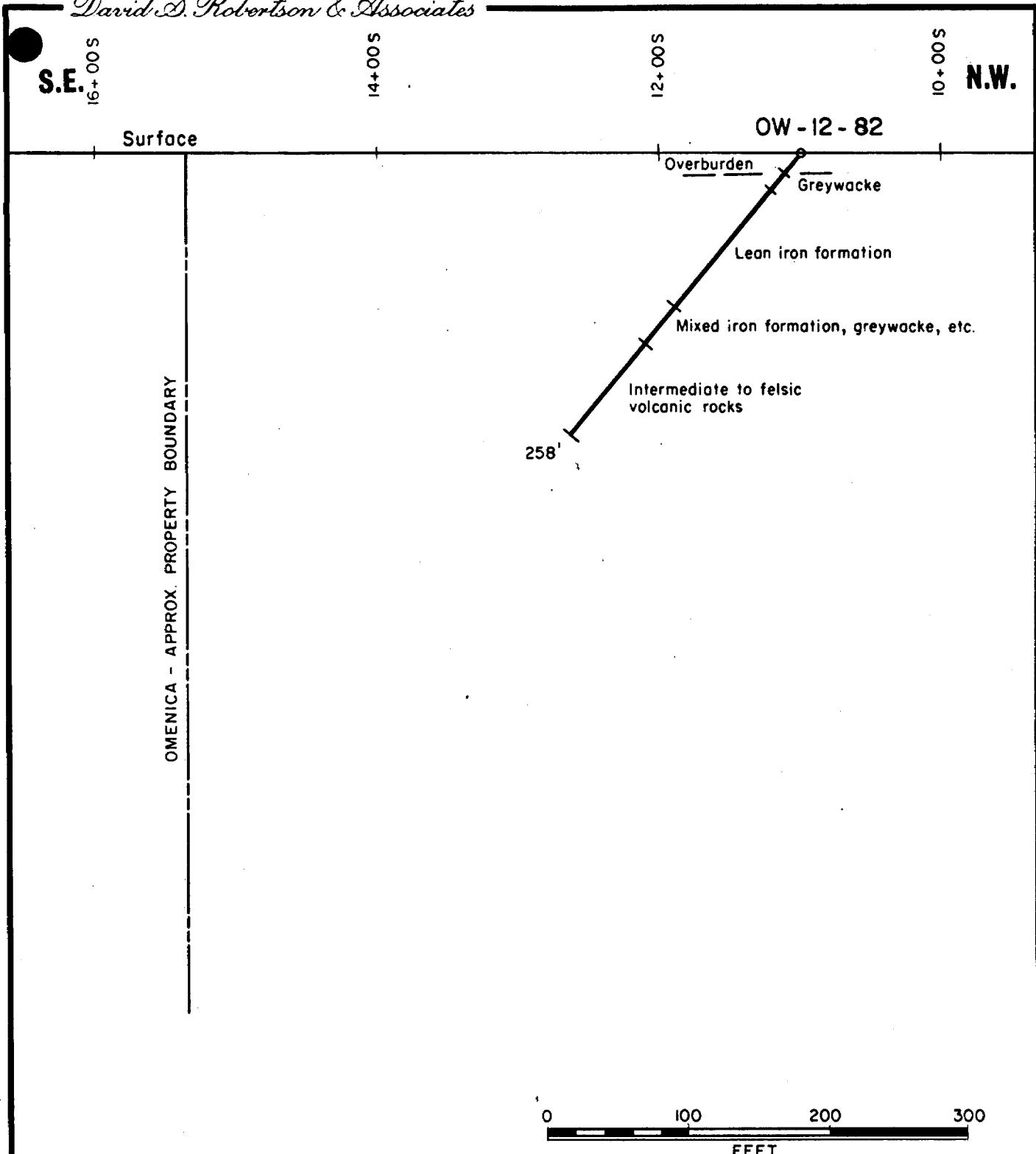
**BINGHAM GROUP**

**WHITNEY TOWNSHIP, ONTARIO**

**SECTION 14E**

FEB. 1983

David S. Robertson & Associates



OMENICA RESOURCES LTD.

BINGHAM GROUP

WHITNEY TOWNSHIP, ONTARIO

**SECTION 15E**

FEB. 1983

David S. Robertson & Associates

S.E.  
7' +  
N

9' +  
N  
00N

11' +  
N  
00N

13' +  
N  
00N

N.W.

Surface

OW-14-82

Overburden

Talc - chlorite - carbonate  
rocks

Quartz - feldspar porphyry

Mafic tuff and metasedimentary  
rocks

866'

0 100 200 300  
FEET

OMENICA RESOURCES LTD.  
BINGHAM GROUP  
WHITNEY TOWNSHIP, ONTARIO

SECTION 16 E

FEB. 1983

David S. Robertson & Associates

S.E.

N.W.

10 + 00 N

12 + 00 N

14 + 00 N

16 + 00 N

18 + 00 N

20 + 00 N

Surface

OW-13-82 OW-7-82

Overburden

Talc - chlorite - carbonate rock

0.02 oz / ton Au  
3 ft.

700'

601'

OMENICA APPROX. PROPERTY BOUNDARY

0 100 200 300  
FEET

**OMENICA RESOURCES LTD.**  
**BINGHAM GROUP**  
**WHITNEY TOWNSHIP, ONTARIO**

**SECTION 18E**

FEB. 1983

David S. Robertson & Associates

S.E.

N.W.

4 + 00 N

6 + 00 N

8 + 00 N

10 + 00 N

12 + 00 N

14 + 00 N

16 + 00 N

OW - II - 82

OW - IO - 82

OW - IOA - 82

OW - 9 - 82

OW - 8 - 82

OW - 6 - 82

Surface

Overburden

300'

Talc - chlorite - carbonate  
rock

Talc - chlorite -  
carbonate rock

546'

496'

Talc - chlorite - carbonate  
rock

526'

Intermediate to mafic  
volcanic rock

Metasedimentary rocks / mafic tuffs

756'

726'

0 100 200 300  
FEET

OMENICA APPROX. PROPERTY BOUNDARY

**OMENICA RESOURCES LTD.**  
**BINGHAM GROUP**  
**WHITNEY TOWNSHIP, ONTARIO**

**SECTION 21E**

FEB. 1983

— David S. Robertson & Associates —

S.E.  
4+00N

6+00N

8+00N

10+00N

N.W.

Surface

OW - 16 - 82

Overburden

Talc - chlorite - carbonate  
rock

976'

0      100      200      300  
FEET

**OMENICA RESOURCES LTD.**  
**BINGHAM GROUP**  
WHITNEY TOWNSHIP, ONTARIO

**SECTION 26 E**

FEB. 1983

OMENICA - APPROX. PROPERTY BOUNDARY

— David S. Robertson & Associates —

S.E.  
500  
±

N  
500  
±

N  
500  
±

500  
N.W.  
±

Surface

OW - 17 - 82

Overburden

Talc - chlorite - carbonate  
rock

Metasedimentary rocks  
and mafic tuffs

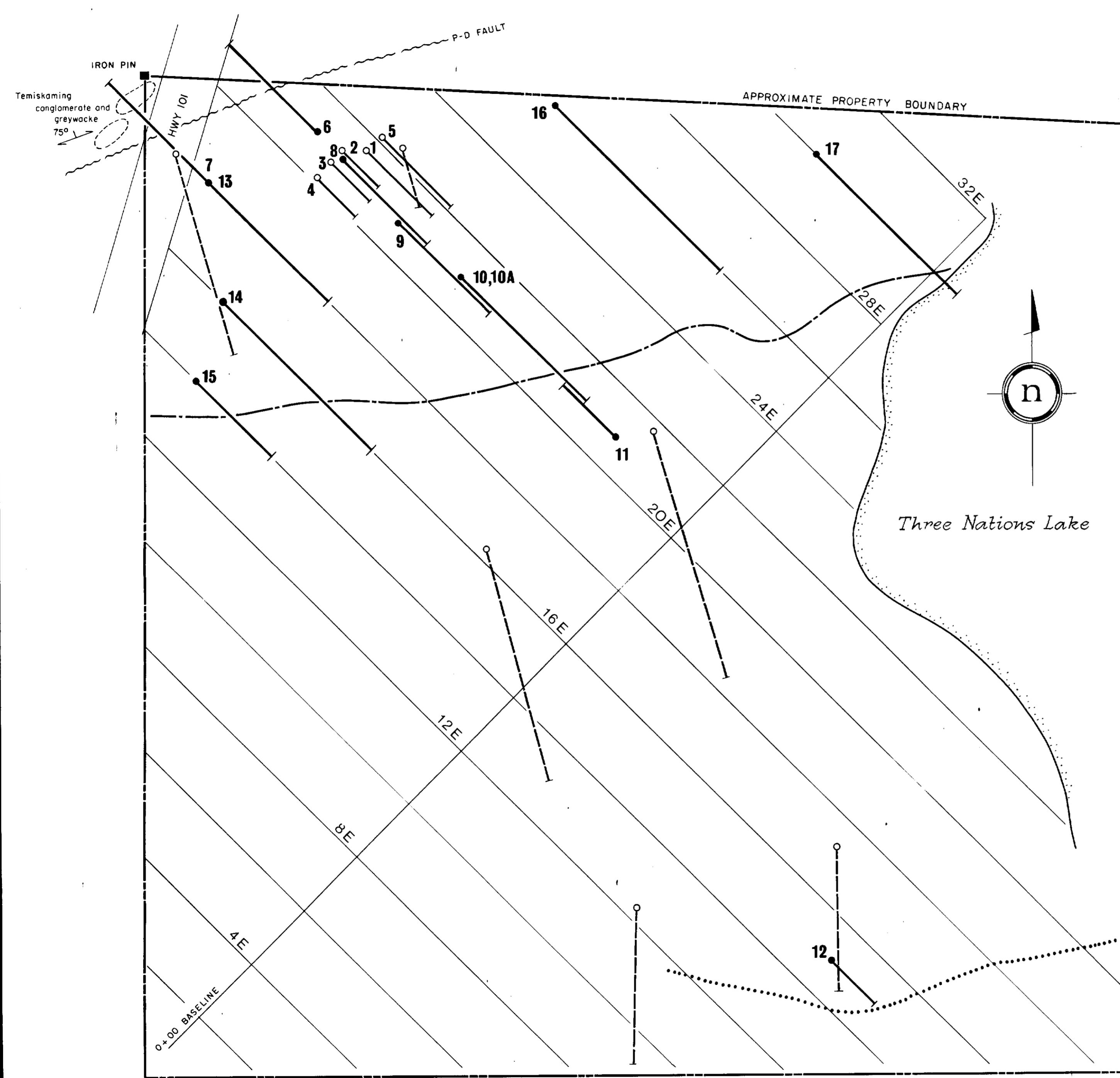
831'



OMENICA RESOURCES LTD.  
BINGHAM GROUP  
WHITNEY TOWNSHIP, ONTARIO

**SECTION 30E**

FEB. 1983



LOCATION MAP



LEGEND

- Contact inferred by magnetometer survey and diamond drilling between talc-chlorite-carbonate rock (to north) and greywacke and related rocks (to south)
- Vertical loop electromagnetic conductor axis
- - - Approximate location of old diamond drill hole (circa 1936)
- Omenica diamond drill holes (June 1982)
- Omenica diamond drill holes (Aug.-Dec. 1982)

0 200 400 600  
FEET

OM 82-5-C-97

OMENICA RESOURCES LTD.

BINGHAM GROUP

WHITNEY TOWNSHIP, ONTARIO

DRILL HOLE LOCATION MAP

SEPT. 1982, REVISED FEB. 1983



42A11SE0439 63.4192 WHITNEY

200

FIGURE 1

63.4192