010

ASSESSMENT WORK REPORT

ON

TRENCHING, SAMPLING

AND

GEOLOGICAL MAPPING (1986)

KAKAGI LAKE GOLD PROSPECT

KENORA MINING DIVISION

NTS 52F-4

FOR

LARAMIDE RESOURCES LTD.

February 28, 1987.
North Bay, Ontario

By R.M. Blais, P.Eng.

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APPENDICES

INTRODUCTION

Laramide Resources Ltd. of Vancouver, B.C. staked 41 claims in August and October of 1986. These claims were staked at the eastern end of Kakagi Lake. Kakagi Lake is located near Nestor Falls, Ontario in the Kenora Mining Division. Claim group covers an extensive zone of sheared and mineralized volcaniclastic rocks in a branch fault off the Cameron Lake "Break" on which a gold deposit is presently being developed underground by Echo Bay.

From September 12 to October 28, 1986, field work was carried out along this sheared and mineralized zone. Prospecting, line cutting, trenching, sampling and geological mapping was carried out on several islands and a large peninsula at west end of claim group.

In January-February 1987 a program consisting of line cutting, Magnetometer Survey, VLF-EM Survey and Induced Polarization was completed on a 400 foot line spacing.

SUMMARY AND CONCLUSIONS

The Laramide claim group lies at the east end of a geologically important structure which appears to extend along a seven and one-half mile strike length from Chase Point Peninsula eastward to within one mile of Otterskin Lake. Claim group covers approximately 3 miles of this structure from East Island to within one mile of Otterskin Lake.

From previous exploration work which consisted of limited surface sampling and diamond drilling, a more or less continuous zone with an average true thickness of 100 feet and an average gold concentration of 300 parts per billion was outlined along a strike length of 6500 feet. Laramide claim group covers the easterly 3000 feet of this strike length. The best section averaged 0.03 oz./ton gold over a width of 48 feet, including seven feet 0.10 oz./ton gold. The gold bearing unit is a near vertical bed of felsic to rhyolitic lapilli tuff containing up to 25% banded and disseminated pyrite.

Purpose of 1986 program of trenching, sampling, assaying and geological mapping was to continue to explore along this important geological structure. Geophysical surveys were carried out over lake and island portions of claim group in Winter 1987.

SUMMARY AND CONCLUSIONS - Cont'd.

The above-related geological work outlined several new shear zones to be further explored by trenching. The induced polarization survey has further delineated the main shear in lake bottom to be tested by drilling.

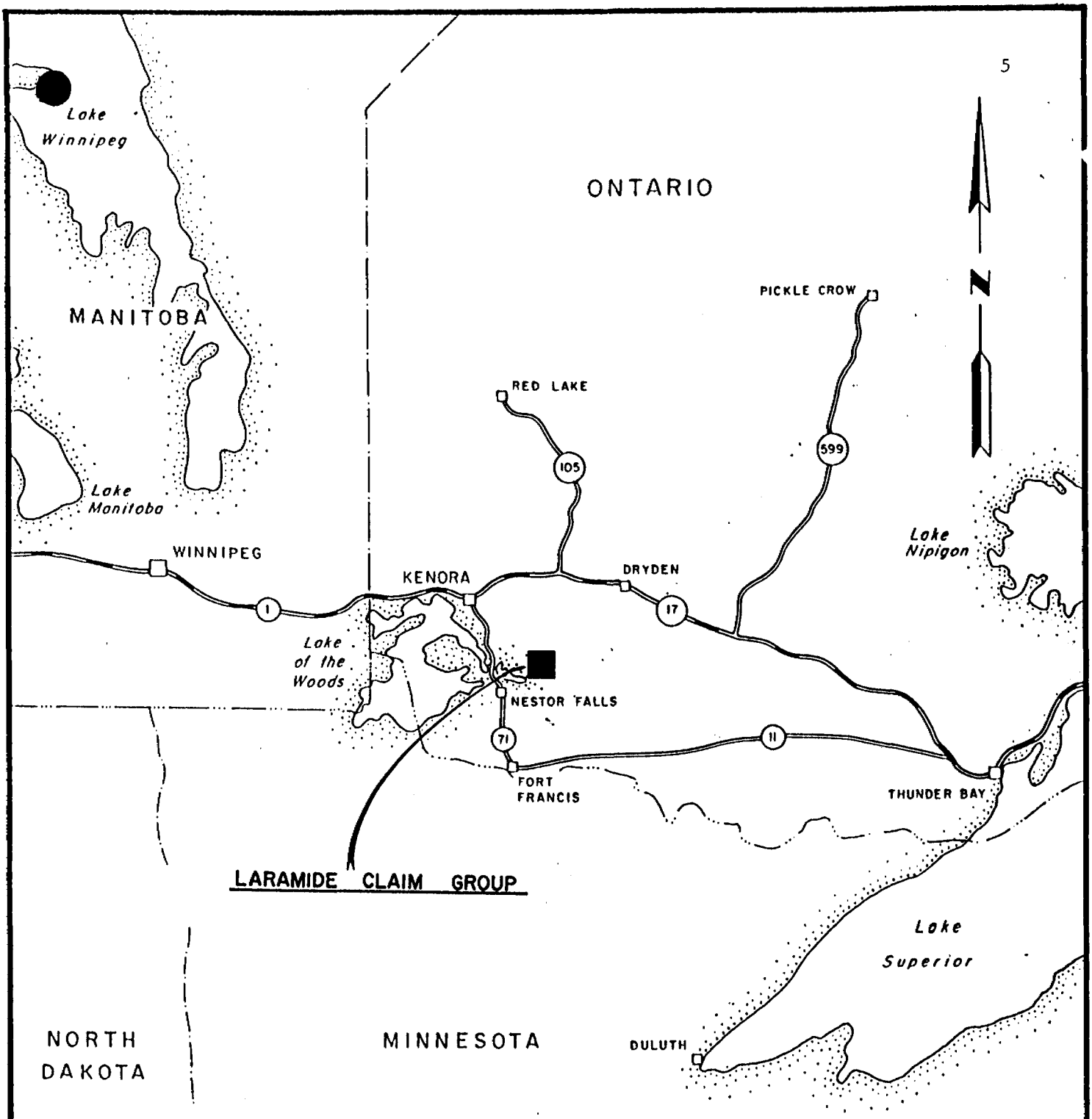
LOCATION, ACCESS AND TOPOGRAPHY

The property is located in Northwestern Ontario about 50 miles southeast of Kenora and 42 miles north of Fort Frances on the the International Boundary. The Village of Nestor Falls on Highway #71 lies about 11 miles southwest of the claim block. The claims cover a series of islands and peninsula near the east end of Kakagi Lake.

Access is by road from either Winnipeg (5 hours) or Kenora to the west end of Kakagi Lake. It is approximately 10 miles from west end of the lake to centre of the claim group. During summer it is a 20-25 minute boat ride from Lakeview Camp.

During winter of 1987, access was by an ice road from Hanson's Camp.

The topography consists of high rock ridges and swamp areas. Large diameter white pine dominate these high ridges. Other areas are covered by mixed bush of poplar, birch, spruce. Cedar predominates in the swamps.



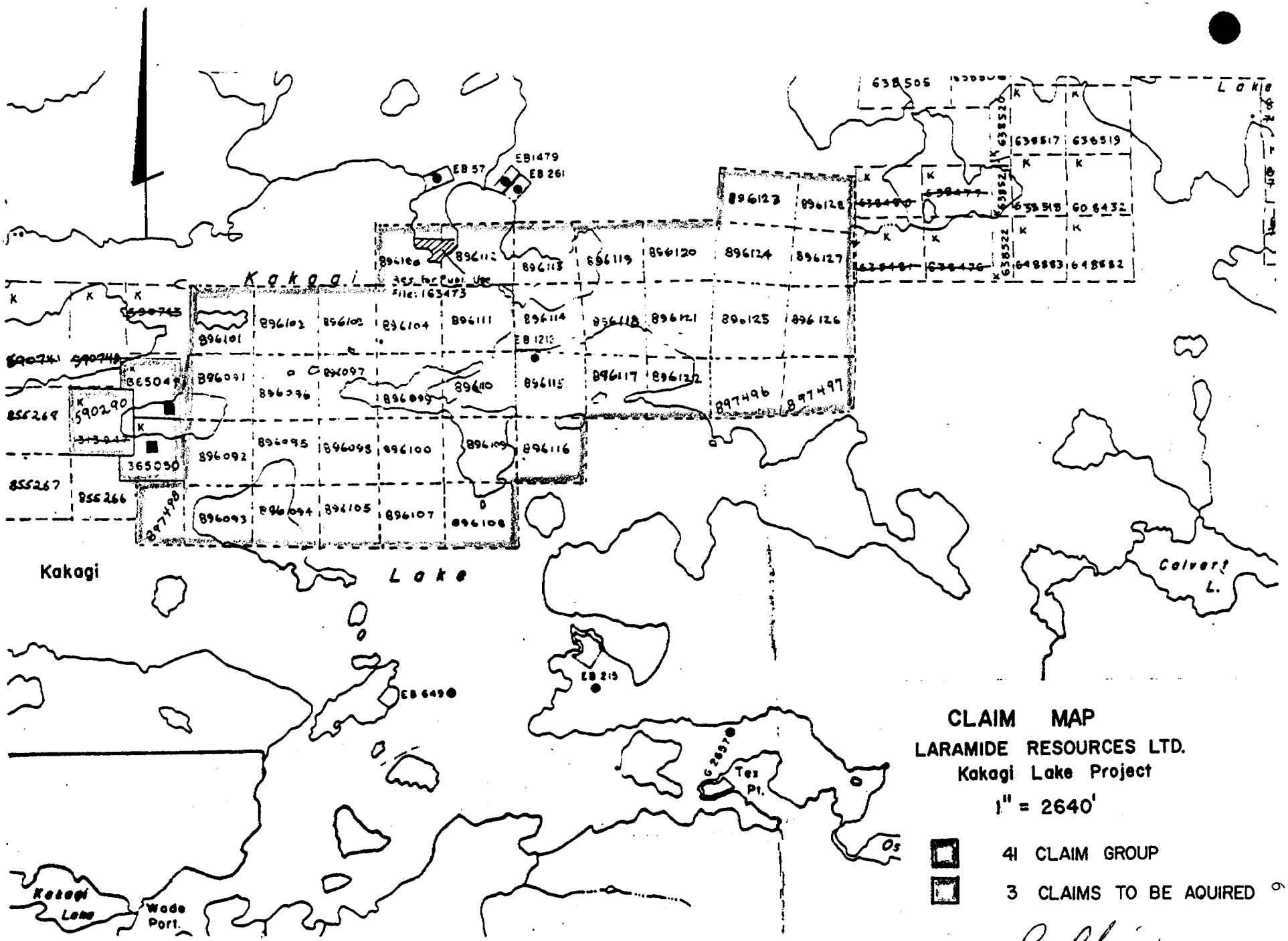
LOCATION MAP

KAKAGI LAKE - (CROW)

GOLD PROSPECT

KENORA MINING DIVISION, ONTARIO.

Tech. Work by : R. M. Blais	Scale : 1 inch = 64 miles
Date : FEB. 1987	Figure No 1



CLAIM MAP

LARAMIDE RESOURCES LTD.

Kakagi Lake Project

1" = 2640'

41 CLAIM GROUP

3 CLAIMS TO BE AQUIRED

RM Blais

EXPLORATION HISTORY

Gold was discovered on the west end of East Island by Noranda Mines prospectors in August 1944. Three trenches were reported as follows:

Trench No. 1	0.30 oz. Au over 11.5 feet
Trench No. 2	0.16 oz. Au over 14 feet
Trench No. 3	0.15 oz. Au over 18 feet

In 1973, the area was mapped by the Ontario Department of Mines and two samples taken from a rusty schist zone on Hay Island, about 5000 feet west of the original discovery, returned values of 0.04 oz. Au and 0.34 oz. Au.

In 1974, the property was optioned by Roy Martin to a joint venture consisting of Noranda, Newconex and Tombill Mines. Geological mapping was carried out during the summer of 1974. Geophysical surveys and a diamond drilling program was completed during February and March 1975. Seven holes, totalling 2016 feet were drilled; six of these at the East Island showings and one at the Hay Island occurrence.

In February and March of 1983, Barrier Reef Resources drilled seven holes totalling 3877 feet along an east-west trending zone 6500 feet in length which included Hay Island, East Island and the intervening lake bottom.

EXPLORATION HISTORY - Cont'd.

A survey was carried out to detail the topography of the lake bottom and to recover lake sediment samples which were analyzed for gold and arsenic.

During late summer and early fall of 1986, Laramide Resources Ltd. of Vancouver, B.C. carried out an exploration program on a claim group covering East Island, Bert Island, Ruth Island, Don Island and a Peninsula to west of claim group. Four old trenches 1, 2, 3, and 4 on East Island were cleaned out and re-sampled. New trenches 5, 6, and 7 on East Island were drilled, blasted and sampled.

Five new trenches were drilled, blasted and sampled on Ruth Island.

One trench was completed on Jack Island, and one trench on Don Island.

A grid was completed on the Peninsula and Mainland, and a number of chip samples were taken.

Geological mapping was completed on all above-named Islands, and the mainland at east end of claim group.

EXPLORATION HISTORY - Cont'd.

In winter of 1987, Proton Magnetometer, VLF-EM and Induced Polarization surveys were carried out over the islands and water portion of claim group up to the Peninsula at east end of the claim group.

MINING CLAIM STATUS

Laramide Resources Ltd., Prospector License Number T.4731, of Vancouver, B.C. holds 41 contiguous, unpatented mining claims as listed below:

Claim Numbers	No. of Claims	Expiry Date
K.896091 - D.896128	38	August 1, 1987
K.897496	1	October 21, 1987
K.897497	1	October 21, 1987
K.897498	1	October 21, 1987
	41 claims	

The following three mining claims are held by Calnor Resources Ltd. of Vancouver, B.C. Laramide has an interest in Calnor. These three claims will be acquired later.

K.590290 (unpatented)	1	July 27, 1987
K.365049 (Mining Lease #104037)		-
K.365050 (Mining Lease #104037)		-

Total claim group totals 44 claims.

The address of Laramide Resources Ltd. is:
904-675 West Hastings Street, Vancouver, B.C. V6B 1N2

PREVIOUS DRILLING

In 1944, Noranda bored six X-ray diamond drill holes on East Island, and in 1975, seven holes, numbers 1 - 7, totalling 2016 feet. A description of this work is contained in a report by G.W. Adams, filed at the Mining Recorder's office in Kenora, Ontario.

Barrier Reef Resources of Vancouver, B.C. drilled seven holes, numbered 8 to 14, for a total 3877 feet completed in winter of 1983. Details of this drilling program are filed at the Mining Recorder's office at Kenora, Ontario.

REGIONAL GEOLOGY

The general area of Kakagi Lake is underlain by a complex assemblage of mafic to felsic metavolcanic and metasedimentary units which are locally intruded by differentiated basic to ultrabasic sills. All units are strongly affected by large scale, east trending, tight isoclinal folds which plunge north to north-northeast. Shearing is common and faulting is widespread.

On the subject claim block, felsic volcanics are by far the most abundant rock type. An east trending lense of intermediate to basic volcanics is found on the west part of the large island immediately north of Hay Island. In addition, similar rocks occur in an east-northeasterly trending band near the east end of the property. Areas of metamorphosed mafic to ultramafic intrusive rocks are found on the island north of Hay Island.

Shearing is common on the property. Recent mapping by the Ontario Department of Mines has outlined a strong zone of shearing and deformation extending from Hay Island, through East Island to the mainland, a distance of about three miles. The two presently known gold showings are located in this zone of deformation and a third

REGIONAL GEOLOGY - Cont'd.

showing lies on strike with the first two, approximately 2.5 miles east of the East Island and a mile west of Otterskin Lake. (Claim K.896127). A fourth showing is located on strike approximately four miles west of the Hay Island occurrence in the vicinity of Blacky Bay on Chase Point Peninsula.

Associated with the shear zone and gold showings are a series of felsic, quartz and feldspar porphyry sills. They appear intermittently along the shear zone and are metamorphosed to about the same degree as their volcanic host rocks.

GEOLOGY OF THE GOLD BEARING ZONE - Cont'd.

The 1983 drilling program carried out by Barrier Reef Resources Ltd. of Vancouver, B.C. explored an east-west shear zone with a strike length of 6500 feet across a maximum width of 1000 feet. This shear zone contains a gold bearing zone that appears to be a bed of volcanic-sedimentary material identifiable principally by its gold and pyrite content. Most of the gold bearing zone is covered by lake water and the geological interpretation is based on drill core from this program. The new 44 claim group explored by Laramide Resources Ltd. only covers east half (3000 feet) of previous 1983 strike length. The 3000 foot strike length includes diamond drill holes 1, 2, 3, 5, 6, 7, 9, 12, 13. For complete details of 1983 drill program, refer to Summary Report dated April 20, 1983 by R.M. Blais, P.Eng., filed at Kenora, Ontario.

The explored area is underlain by an assemblage of Archean volcaniclastic rocks. Low grade metamorphism has produced textures varying from weak foliation with stretched fragments to strongly foliated schist bands. The average strike is N 85 deg. E with dips of 85 deg. N to 90 deg. The isoclinal fold pattern is not well known so the local stratigraphic top and bottom has not been determined.

GEOLOGY OF THE GOLD BEARING ZONE - Cont'd.

The volcanic sequence is divided into two general parts; a group of mafic to intermediate metavolcanics (intermediate group) to the north and a group of felsic to intermediate metavolcanics (felsic groups) to the south. Textural and compositional variations of these units were detailed when logging the core. These variations are more prevalent in the felsic units.

Within the Felsic group, adjacent to the Intermediate group contact, is located a gold bearing zone approximately 200 feet in average width. The richest part of this zone carries 300 ppb gold over an average width of 100 feet. It is composed of felsic to rhyolitic clastic material sparsely flecked with fuchsite mica and up to 25% banded and disseminated pyrite.

Bands of Quartz Sericite Schist (QSS) locally divide the Felsic group and intermediate groups. The schist band appears to be structurally controlled and partly overprints itself on the gold bearing unit.

GEOLOGY OF THE GOLD BEARING ZONE - Cont'd.

An apparently concordant sill which has been called "Quartz Feldspar Porphyry" (QFP) appears intermittently along the gold bearing zone. It has a coarse granitic texture, composed of K-feldspar, Quartz and Hornblende. It is well altered and can only be seen plainly in hole #9. Elsewhere it is broken down by metamorphism to quartz-sericite schist with a spotted amphibole texture noted in the drill logs as "remnant QFP".

The purpose of 1986 summer exploration program and 1987 winter geophysical surveys was to further explore and define this shear and gold bearing zone and related parallel zones along its strike length from East Island to the Fairservice showing at Roy Lake. (East end claim group).

EXPLORATION PROGRAM 1986-1987 - Cont'd.

(a) PROSPECTING

Following staking of the 41 claim group from August 1 - August 5, 1987, claims were covered by grass roots prospecting by D. Woito for a ten-day period.

Emphasis was on locating any old workings (pits, trenches, etc.) shear zones, mineralization and other pertinent geological features. During this reconnaissance, 25 grab samples were taken at various locations on claim group.

A summary of these results are listed under Grab Samples - 1986 on plan showing Assay Results, drawing #86-03. These samples were assayed for gold, silver, arsenic, barium and mercury. Samples were assayed by AA Method at Bell-white labs in Haileybury. Pulps and rejects are stored at Store-It-Yourself unit #39, North Bay, Ontario.

EXPLORATION PROGRAM 1986-1987 - Cont'd.

(b) TRENCHING

During 1986 summer program, a total of four old trenches (Noranda 1945) were cleaned out and re-sampled. These trenches are numbered 1, 2, 3, and 4, and are located on West end of East Island. Results of sampling are discussed under Sampling and Assaying Results.

THE NEW TRENCHES were completed on various islands throughout the claim group. Listed below are locations of NEW TRENCHES:

1. East Island trenches #5, 6, and 7.
2. Ruth Island trenches #1, 2, 3, 4 and 5.
3. Jack Island trench #1.
4. Don Island trench #1.

Trenches were drilled, blasted, mucked by hand, mapped and sampled.

Locations of trenches and results of assays are shown on drawings 86-01, 86-02 and 86-03. Assay Results are discussed under Sampling and Assay Results.

EXPLORATION PROGRAM 1986-1987 - Cont'd.

(c) SAMPLING AND ASSAY RESULTS

A total of 100 samples were taken from old trenches, new trenches and various locations on claim group.

All assaying was performed by Bell-White Labs, Haileybury, Ontario. Results are tabulated on Certificate of Analysis appendixed to this report. Samples were assayed for gold and silver. Assay method was 'AA' and Fire Assay.

The rejects and pulps are stored at Store-It-Yourself, Unit #39, North Bay, Ontario.

Location of assays and results are shown on drawings 86-02 and 86-03. Sample numbers, width of sample, location of sample, description and assay results are tabulated under Sample and Assay Results appendixed to this report.

Discussion of results will be covered under Geological Mapping.

EXPLORATION PROGRAM 1986-1987 - Cont'd.

(d) LINE CUTTING AND SURVEYING

During late summer and fall of 1986 program, a grid was established on the east end of claim group. A baseline was surveyed with transit and tape survey. Crosslines were turned off by transit and established by picket lines. Grid lines had a 400 foot spacing with stations at 50 foot intervals.

On islands within the claim group, control for mapping was maintained by grid on each individual island.

A baseline for the 1987 winter grid was established by transit and tape survey. The grid was tied to legal surveys of patented mining claims K.365049, K.365050 and K.590290.

All existing grids on islands and mainland were tied to 1987 winter surveyed baseline.

EXPLORATION PROGRAM 1986-1987 - Cont'd.

(e) GEOLOGICAL MAPPING

The purpose of the 1986 geological program was to further define the gold bearing zone indicated by previous exploration work, and also to identify any potential new ones.

Because previous work indicated that gold bearing zone is directly related to sets of near vertical, parallel and on echelon shears associated with the Kakagi Lake Fault and Pipestone-Cameron Lake Fault, the known shear zones were mapped in greater detail. During traverses of claim group, new general shear zone boundaries were also identified. Geological mapping also included identification of general rock types, alteration patterns, and mineralization.

The near vertical Kakagi Lake Fault and shear zone strike N 80 deg. E for approximately 3000 feet within the mapped area from the west end of East Island to Roy Lake. Although intensity of shearing is not continuous along the entire trend, continuity can be established if it is assumed that the trend has been somewhat offset to the south in the vicinity of Don Island, and minor shearing indicated along the projected trend on the mainland is associated with this zone.

EXPLORATION PROGRAM 1986-1987 - Cont'd.

(e) GEOLOGICAL MAPPING - Cont'd.

Discussions were held with C. Blackburn, Regional Geologist who visited property and shared his expertise as it related to shears and gold bearing zone on this property and immediate area.

Other geological work was done in order to define the gold bearing zone. This included mapping and re-sampling four old mineralized trenches at the west end of East Island. Results from this sampling are recorded on drawing 86-02. New trenches were completed across portions of the various shear zones.

Three new trenches were completed on East Island numbers #5, 6, and 7. Trench #5 was located near shoreline at east end of East Island. Samples were taken at 5 foot intervals where rock could be reached through overburden. A length of 175' exposed a highly sheared zone, but no significant gold values were returned. Best assay in trench #6 was 754 ppb over 5 foot width. Trench #7 had one 5 foot width assay of 0.03 oz./ton gold.

EXPLORATION PROGRAM 1986-1987 - Cont'd

(e) GEOLOGICAL MAPPING - Cont'd.

On Ruth Island, five trenches were completed in moderate shearing with no significant gold values reported. Results from trenches on Jack Island and Don Island returned no gold values of any significance.

Mapping, sampling, and assaying of outcrops along a previously unknown 100 foot wide shear zone that parallels a splay of the Pipestone-Cameron Lake Fault, provide us with a new exploration target area. This zone is located between L16E to L40E at south end of grid lines.

Previous and recent information gathered at East Island indicates that the shear zone is very irregular (laterally and vertically), both in configuration, degree and type of alteration and mineralization. We believe that gold values found to date on East Island are randomly dispersed within the shear zone and associated with pyritization and silicification in the form of minor quartz veining. Therefore, future work should concentrate on these indicators for guides. Preliminary information indicates that the other rocks showing alteration in the form of seritization, carbonization and chloritization do not appear to be favorable hosts.

EXPLORATION PROGRAM 1986-1987 - Cont'd.

(f) GEOPHYSICAL SURVEYS

Geophysical surveys were carried out in January and February 1987 by Exsics Exploration Limited of Timmins, Ontario. The purpose of the surveys was to delineate areas of known mineralization and locate new zones of interest.

Three areas of special interest were delineated by the gradient I.P. survey. Recommendations are outlined in a Geophysical Report on the Kakagi Lake Project, Kenora Mining Division for Laramide Resources Ltd. by R.J. Meikle, dated February 28, 1987.

These I.P. targets are marked on Geology Plan, 86-01.

RECOMMENDATIONS

The Kakagi Lake Fault and shear zone is a geologically important structure and extends for a seven and one-half mile strike length. The mineralization is generally similar in character to auriferous volcanic sediments which occur in the Detour Lakes, Hemlo and Val d'Or Districts, suggesting potential for a large tonnage gold deposit at some point along the projected strike of the gold bearing unit.

The 1986 exploration program has added geological information to the main shear zone and adjacent shears. Induced polarization survey has delineated shear zone on East Island and into lake bottom to the east of the Island.

Continued exploration work is required to test this extensive geological target.

RECOMMENDATIONS - Cont'd.

Following exploration program is recommended:

1. Extend trenching and sampling at following locations:

   (i) Along main shear and I.P. target (south main shear) on East Island.

   (ii) New shear zone located by mapping between L20E - L40E along south boundary of claims K.896125 and K.896126.

   (iii) Along mapped shears on Ruth Island.

   (iv) More detailed work in quartz strewn area of claim K.896119.

   A small backhoe could be barged to area for trenching.

2. Proposed Diamond Drilling (Winter 1987-1988)

   (i) Along main shear zone as outlined by recent geological and I.P. surveys (East Island into lake at east end - Baseline at L80W).

   (ii) I.P. target south of main shear on East Island.

   (iii) I.P. target at L40W to L48W just north of Baseline.

3. Geophysics

   (i) Induced polarization survey extended to cover shear zones outlined on Ruth Island, Don Island and mainland at east end of claim group.

CERTIFICATE

I, Ronald Murray Blais, Professional Engineer, of 14 Kadi Court, North Bay, Ontario P1B 9C8, do declare that:

1. I am a graduate of the Haileybury School of Mines - 1959, Haileybury, Ontario.
2. I have actively practiced my profession for 17 years.
3. I am a Registered Professional Engineer in the Province of Ontario.
4. I directly planned and supervised the exploration program described in this report.

Dated at North Bay, Ontario
February 28, 1987

R.M. Blais

R.M. Blais, P.Eng.

A. REFERENCES

APPENDIX 'A'

REFERENCES

Martin, Roy: Various private files of Roy Martin.

MacCormack, L.V. (1974): Report on Geological Survey of the Roy Martin Claim Group, Kakagi Lake, Kenora Mining Division, Ontario; Private report to Noranda Mines Ltd.

Adams, G.W. (1975): Summary Report, Diamond Drilling Programme, Martin Option - Crow Lake Joint Venture, Kenora Mining Division, Ontario - Private Report to Noranda Mines Ltd.

Edwards, G.R. (1975): Geology of the Schistose Lake Area, Dist. of Kenora; Ontario Geological Survey Report #194.

Kay, L. (1974): Crow Lake Area (Eastern Part). Dist. of Kenora; Ontario Div. Mines Prelim. Map p. 921 Geol. Series.

Dawson, J.M. (1982): Report on the Kakagi Gold Prospect, Kenora Mining Division, Ontario for Barrier Reef Resources Ltd.

APPENDIX 'A'

REFERENCES - Cont'd.

Clark, G. — Kenora area mineral potential sponsored by: Tri-Municipal Economic Development Commission compiled by: Mining Sector Work Program Staff
Editor: G. Clark.
Assessment Record Files, Resident Geologist Office, Kenora Mining Division, Kenora, Ontario.

Beard, R.C. — Gold Deposits of Kenora-Fort Francis Area, Districts of Kenora and Rainy River
by
Richard G. Beard and Glen L. Garratt
Mineral Deposit Circular 16, 1976, Ministry of Natural Resources.

Blais, R.M. (1983) — Report on Crow (Kakagi) Lake Drilling; Programme by R.M. Blais, P.Eng.
April 20, 1983.

Campbell, J.W. (1983) — Report on the Optioned Robert Fairservice Property held by Falcon Resources Inc.; situated between Otterskin and Kakagi Lakes, District of Kenora.
September 12, 1983.

APPENDIX 'A'

REFERENCES - Cont'd.

Blais, R.M. (1983) Assessment Work Report, Fairservice Option, Kenora Mining Division. November 28, 1983.

Johns, G.W. (1986) O.G.S. Miscellaneous Paper 132 Summary of Field Work and Other Activities 1986. 009. Kakagi Lake - Rowan Lake Regional Geology, District of Kenora.

Trowell, N.F. (1986) O.G.S. Miscellaneous Paper 129 Volcanology and Mineral Deposits Chapter 3 - Stratigraphic Correlation of the Western Wabigoon subprovince, Northwestern Ontario.

Meikle, R.J. (1987) Geophysical Report on Kenora Mining Division for Laramide Resources Ltd. February 28, 1987.

B. ASSAY CERTIFICATES

BELL-WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1306 DATE: August 26, 1986

SAMPLE(S) OF: Rock (29) RECEIVED: August 1986

SAMPLE(S) FROM: R. M. Blais & Associates Ltd.

Sample No.	Gold ppb	Oz. Gold	Silver ppm
23901	21		0.6
2	6		0.2
3	11		0.2
4	8		0.2
5	4		0.8
6	3		ND
7	11		ND
8	14		0.4
9	8		0.2
23910	11		0.6
1	17		0.2
2	4		ND
3	3		0.4
23915	51		ND
6	27		1.0
7	10		0.6
8	22		0.4
9	14		0.6
23920	11		0.4
1	58		0.4
2	22		0.2
3	14		0.4
4	11		0.2
5	25		0.4
23998	15		1.0
9	40		1.2
24000		0.032**	0.6

CLAIM SAMPLES - 24 TOTAL

OLD HWY. ROCK - HAGGERTY BAG. LAKE.

NOTE: ND denotes not detected.
** Checked

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1412 DATE: September 15, 1986

SAMPLE(S) OF: Rock (27) RECEIVED: September 1986

SAMPLE(S) FROM: Mr. R. M. Blais, R. M. Blais & Associates Ltd.

Sample No.	As ppm
23901	ND
2	ND
3	ND
4	ND
5	ND
6	ND
7	ND
8	ND
9	ND
23910	ND
1	ND
2	ND
3	5
23915	ND
6	ND
7	10
8	20
9	ND
23920	15
1	ND
2	ND
3	ND
4	ND
5	ND
23998	ND
9	ND
24000	10

NOTE: ND denotes not detected.

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

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1626 DATE: October 9, 1986

SAMPLE(S) OF: Pulp (27) RECEIVED: October 1986

SAMPLE(S) FROM: R. M. Blais & Associates Ltd.

Sample No.	Barium ppm	Mercury ppm
23901	440	0.01
2	210	0.02
3	440	<0.01
4	280	0.63
5	20	<0.01
6	230	0.01
7	210	<0.01
8	240	0.03
9	450	<0.01
23910	640	0.01
1	430	0.02
2	480	<0.01
3	380	0.01
23915	250	<0.01
6	110	0.11
7	900	0.06
8	440	0.06
9	290	0.14
23920	930	0.01
1	490	0.04
2	470	0.06
3	900	0.01
4	1100	<0.01
5	110	0.02
23998	300	0.01
9	210	0.02
24000	30	0.16

< denotes less than

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PER _____

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1823 DATE: November 4, 1986

SAMPLE(S) OF: Rock (100) RECEIVED: October 1986

SAMPLE(S) FROM: Mr. R. M. Blais, R. M. Blais & Associates Ltd.

Sample No.	Gold ppb	Silver ppm
821	30	0.8
2	6	ND
3	8	ND
4	15	0.2
23701	8	ND
2	8	0.2
3	8	0.6
4	6	0.2
5	4	0.2
6	32	0.2
7	11	ND
8	8	ND
9	8	ND
23710	6	ND
1	6	ND
2	12	ND
3	14	0.4
4	7	0.2
5	33	ND
6	29	1.2
7	30	0.4
8	21	0.6
9	6	0.6
23720	14	1.0
1	18	0.8
2	12	1.0
3	27	0.2
4	8	0.6
5	453**	0.8
6	70	0.2
7	937**	0.4
23926	23	0.2
7	7	0.2
8	4	0.2

NOTE: ND denotes not detected.
** Checked

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PER

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1823 DATE: November 4, 1986

SAMPLE(S) OF: Rock (100) RECEIVED: October 1986

SAMPLE(S) FROM: Mr. R. M. Blais, R. M. Blais & Associates Ltd.

Sample No.	Gold ppb	Oz. Gold	Silver ppm
23929	1		0.4
23930	7		0.2
1	7		0.2
23935	4		0.2
6	12		0.2
7	7		0.2
8	89		0.2
9	7		0.2
23940	10		0.4
1	8		0.2
2	44		0.2
3	11		0.2
4	8		ND
5	10		0.2
6	12		ND
7	6		ND
8	30		0.2
9	15		ND
23950	14		0.4
1	7		0.2
2	8		0.4
3	14		0.4
4	25		0.4
5	12		0.4
6	10		0.2
7	40		0.4
8		0.184**	ND
9		0.114**	0.2
23960		0.048**	ND
1		0.114**	0.2
2		0.042**	0.2
3		0.074**	0.6
4		0.052**	0.4

NOTE: ND denotes not detected.
** Checked

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 1823 DATE: November 4, 1986

SAMPLE(S) OF: Rock (100) RECEIVED: October 1986

SAMPLE(S) FROM: Mr. R. M. Blais, R. M. Blais & Associates Ltd.

Sample No.	Gold ppb	Oz. Gold	Silver ppm
23965		0.494**	1.0
6		0.316**	1.2
7		0.216**	0.8
8		0.168**	0.8
9		0.040**	0.4
23970	369		0.4
1		0.100**	0.6
2		0.070**	0.6
3	448		1.0
4		0.256**	1.0
5		0.190**	1.0
6		0.620**	1.2
7		0.210**	1.2
8	219		0.6
9	754**		0.6
23980	122		0.6
1	891**		0.8
2	32		0.4
3	40		0.2
4	25		0.6
5	41		0.4
6	54		0.6
7	23		0.2
8		0.030**	0.6
9	33		0.4
23990	12		0.8
1	22		0.4
2	14		0.4
3	60		0.4
4	11		0.6
5	26		0.8
6	10		0.4
7	250		0.2

** Checked

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

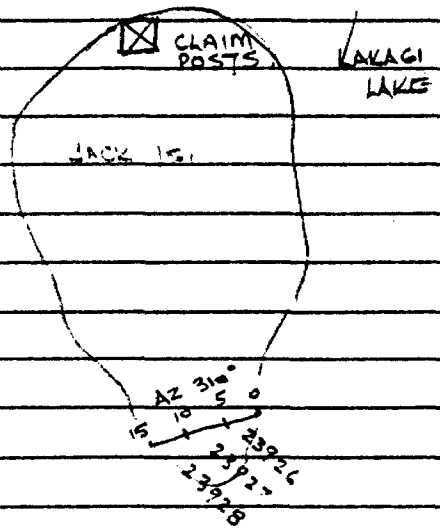
C. SAMPLE AND ASSAY LOCATIONS

SAMPLE AND ASSAY RECORD SHEET

TRENCH #1 - JACK ISLAND
CLAIM # K. 896096
PROPERTY - KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 1

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY ppb Au	ASSAY ppm Ag	ASSAY Mo	ASSAY Cu
23926	△	5'	SAMPLES TAKEN WEST	0'-5'	23	0.2		
23927	△	5'	END OF JACK ISLAND.	5'-10'	7	0.2		
23928	△	5'	SAMPLES TAKEN SOUTH TO NORTH. ALL SAMPLES IN SHEAR ZONE HIGHLY SERICITIC QUARTZ EYES	10-15'	4	0.2		



SAMPLE TYPE: * - GRAB △ - CHIP ═ - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

OLD
TRENCH #1 EAST IS
CLAIM K 590290
PROPERTY KAKAGI LAKE

DATE OCT 25/86 PAGE NO. 1

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY Au O.P.T.	Ag PPM	Mo	Cu
23958	=	3.6	SHEARED QTZ SERICITE SCHIST (SALT + PEPPER) ZONE A	WEST FACE 6.3 - 9.9	0.184	ND		
23959	=	3.6	SHEARED, QTZ SCHIST SALT + PEPPER ZONE B	WEST FACE 6.3 - 9.9	0.114	0.2		
23960	=	2.6	BROWN STAIN QTZ SCHIST (SALT + PEPPER)	WEST FACE 9.9 - 12.5	0.048	ND		
23961	=	4.0	QTZ SCHIST, SCATTERED PYRITE SALT + PEPPER	WEST FACE 12.5 - 16.5	0.114	0.2		
23962	=	3.0	QTZ SCHIST SALT + PEPPER ZONE C	WEST FACE 12.5 - 15.5	0.042	0.2		
23963	=	2.6	QTZ SCHIST SALT + PEPPER	EAST FACE 7.0 - 9.6	0.074	0.6		
23964	=	1.6	ALTERED SALT + PEPPER LOOK QTZ SCHIST	EAST FACE 9.6 - 11.2	0.052	0.4		
23965	=	6.0	QTZ SCHIST (SALT + PEPPER) ZONE C	EAST FACE 11.2 - 17.2	0.494	1.0		
23971	*		GRAB SAMPLE OF 23963 AREA - CHECK		0.100	0.6		
23972	*		GRAB SAMPLE OF 23964 AREA - CHECK		0.070	0.6		

* - GRAB △ - CHIP = - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

OLD
TRENCH #2 EAST IS
CLAIM K. 590290
PROPERTY KAKAGI LAKE

DATE OCT 25/86 PAGE NO. 1

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY Au O.P.T	Ag ppm	Mo	Cu
23966	=	2.5	QTZ. SERICITE HEAVY Py.	EAST FACE 3.5 - 6.0	0.316	1.2		
23967	=	4.0		EAST FACE 6.0 - 10.0	0.216	0.8		
23968	=	4.0		EAST FACE 10.0 - 14.0	0.168	0.8		
23969	=	4.0	SIL. SALT + PEPPER QTZ. SERICITE SCHIST	EAST FACE 14.0 - 18.0	0.040	0.4		
23970	=	6.0	GREY, GREEN SIL. DACITIC TUFF WITH DISSEM. Py.	EAST FACE	0.011	0.4		

SAMPLE TYPE: * - GRAB △ - CHIP = - CHANNEL □ - BULK

OLD
TRENCH #3 EAST IS
CLAIM K 590290
PROPERTY KAKAGI LAKE

SAMPLE AND ASSAY RECORD SHEET

DATE OCT 25/86 PAGE NO. 5

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					Au O.P.T.	Ag ppm	Mo	Cu
23973	=	2'.0	LT. GREY GREEN - SIL. MOD. Py	WEST FACE 0 - 2.0	0.013	1.0		
23974	=	4'.0	LT. GREY GREEN - HIGHLY SIL. DACITIC TUFF - MODERATE Py.	WEST FACE 2.0 - 6.0	0.256	1.0		
23975	=	3'.0	QTZ. SERICITE SCHIST. ALTERED ORANGE BROWN	WEST FACE 6.0 - 9.0	0.190	1.0		
23976	=	4'.5	" " "	WEST FACE 9.0 - 13.5	0.620	1.2		
23977	=	8'.5	SIL. - GREY-GREEN DACITIC TUFF SLIGHTLY PYRITIC	WEST FACE 13.5 - 22.0	0.210	1.2		

SAMPLE TYPE * - GRAB △ - CHIP = - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH #5 EAST 1S.
CLAIM K. 896091
PROPERTY KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 1

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					ppb Au	ppm Ag	Mo	Cu
23929	Δ	5'	SHEAR ZONE - GREENISH SERICITE	0'-5'	1	0.4		
23930	Δ	5'	SHEAR ZONE	5'-10'	7	0.2		
23931	Δ	5'	SHEAR ZONE	10'-15'	7	0.2		
23932	OVERBURDEN			15'-20'				
23933				20'-25'				
23934				25'-30'				
23935	Δ	5'	SHEAR ZONE - GREENISH - VERY HARD	30'-35'	4	0.2		
23936	Δ	5'	CHANGING FROM HARD TO HIGHLY SHEARED - FLESH COLOR	35'-40'	12	0.2		
23937	Δ	5'	SHEAR ZONE - FLESH COLOR GREENISH - INCREASE OF QTZ.	40'-45'	7	0.2		
23938	Δ	5'	GREENISH - FLESH COLOR QTZ.	45'-50'	89	0.2		
23939	Δ	5'	SHEARED - GREY GREEN.	50'-55'	7	0.2		
23940	Δ	5'	SHEAR ZONE - QTZ STRINGERS	55'-60'	10	0.4		
23941	Δ	5'	SHEAR ZONE BECOMING VERY SERICITIC	60'-65'	8	0.2		
23942	Δ	5'	HIGHLY SHEARED - SERICITE PY. INCREASE	65'-70'	44	0.2		
23943	Δ	5'	SHEARED - HIGHLY SERICITIC PY.	70'-75'	11	0.2		
23944	Δ	5'	" " QTZ INCREASE	75'-80'	8	ND		
23945	Δ	5'	SHEARED - SERICITIC, PY. QTZ BLEBS.	80-85'	10	0.2		
23946	Δ	5'	BUFF COLOURED - HIGHLY SHEARED	85'-90'	12	ND		
23947	Δ	5'	BUFF COLOUR CHANGING TO LT. GREEN (SERICITE) SOME QTZ.	90'-95'	6	ND		
23948	Δ	5'	" " HIGHLY SHEARED	95'-100'	30	0.2		
23949	Δ	5'	BUFF COLOUR - HIGHLY SHEARED.	100'-105'	15	ND		

SAMPLE TYPE: * - GRAB Δ - CHIP = - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH # 5 EAST 1S
CLAIM K 896091
PROPERTY KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 2

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY ppb Au	ASSAY ppm Ag	ASSAY Mo	ASSAY Cu
23950	Δ	5'	HIGHLY SHEARED - DARKER GREEN QTZ. BLEBS - INCREASE FELDSPAR	135'-140'	14	0.4		
23951	Δ	5'	" " HEAVY SERICITE	140'-145'	7	0.2		
23952	Δ	5'	" "	145'-150'	8	0.4		
23953	Δ	5'	2.5 DIKE? SHEARED.	150'-155'	14	0.4		
23954	Δ	5'	HEAVY IN SERICITE - MASSIVE HIGHLY SHEARED - LT. GREEN	155'-160'	25	0.4		
23955	Δ	5'	" "	160'-165'	12	0.4		
23956	Δ	5'	HIGHLY SHEARED TURNING FLESH COLOR - WEATHERING WHITE	165'-170'	10	0.2		
23957	Δ	5'	SHEARED - GREEN WITH ORANGE BLEBS.	170'-175'	40	0.4		

SAMPLE TYPE: * - GRAB Δ - CHIP = - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH #6 EAST IS.
CLAIM K. 896091
PROPERTY KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 1

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION			ASSAY			
						O.P.T. Au	Ag ppm	Mo	Cu
23978	△	5'	DACITIC TUFF - FINE SCATTERED PY	11'-16'		0.006	0.6		
23979	△	5'	" "	16'-21'		0.022	0.6		
23980	△	4'	SLIGHT SHEARING - ALTERED,	21'-25'		0.003	0.6		
23981	△	4'	MED. GREEN - SHEARED DISSEM. PY.	25'-29'		0.026	0.8		
23982	△	3'	" "	29'-32'		32 ppb	0.4		
			0+00 BALSAM AT SOUTH END TRENCH.						

SAMPLE TYPE: * - GRAB △ - CHIP = - CHANNEL □ - BULK

TRENCH NO. #7 EAST IS
CLAIM NO. K 826091
PROPERTY KAKAGI LAKE

SAMPLE AND ASSAY RECORD SHEET

DATE OCT 25/86 PAGE NO. ____

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY Au ppb	Ag ppm	Mo	Cu
23983	△	5'	GREEN DACITIC TUFF SCHIST MINOR Py.	5'-10'	40	0.2		
23984	△	5'	" "	10'-15'	25	0.6		
23985	△	5'		15'-20'	41	0.4		
23986	△	5'		20'-25'	54	0.6		
23987	△	3'		25'-28'	23	0.2		
23988	△	4'	GREEN FIL. DACITIC TUFF	28'-32'	0.030 O.P.T.			

NOTE: * - GRAB △ - CHIP ═ - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH NO. #1 - RUTH 15
CLAIM NO. K. 896094
PROPERTY KAKAGI LAKE

DATE OCT 25/86 PAGE NO. 1

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					ppb Au	ppm Ag	Mo	Cu
23989	△	6'	SIL. SLIGHTLY SHEARED TUFF MED. GREEN.	0'-6'0	33	0.4		
23990	△	6'	MED. GREY GREEN SIL. SLIGHTLY SHEARED TUFF	6'0-12'0	12	0.8		
23991	△	6'	" " "	12'0-18'0	22	0.4		

TYPE: * - GRAB △ - CHIP = - CHANNEL □ - BULK

TRENCH NO. *2 - RUTH 1S
CLAIM NO. K 896094
PROPERTY KAKAGI LAKE

SAMPLE AND ASSAY RECORD SHEET

DATE OCT. 25/86 PAGE NO. 2

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					Ppb Au	Ppm Ag	Mo	Cu
23992	△	6'	GREY GREEN - QTZ. SERICITIC SCHIST.	0.0 - 6.0 So	14	0.4		
23993	△	5'	" "	6.0 - 11.0	60	0.4		
23994	△	5'	VERY SILICEOUS SERICITE SCHIST.	11.0 - 16.0	11	0.6		
23995	△	6'	GREEN SERICITE SCHIST.	16.0 - 22.0	26	0.8		
23716	*		GRAB OF 23994 HAD.		29	1.2		
			CPY, Pb.					

SAMPLE TYPE: * - GRAB △ - CHIP ═ - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH NO. #3 - RUTH 15
CLAIM NO. K.896094
PROPERTY KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 3

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					ppb Au	ppm Ag	Mo	Cu
23996	△	5'	BUFF TAN - QTZ SCHIST.	1.0 - 6.0	10	0.4		
23997	△	5'	MED. GREY GREEN QTZ. SCHIST.	6.0 - 11.0	250	0.2		

TYPE: * - GRAB △ - CHIP ═ - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH NO. #4 - RUTH 1S.
CLAIM NO. K. 896093
PROPERTY KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 4

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					ppb Au	ppm Ag	Mo	Cu
23701	Δ	8'	LT. GREEN - ORANGE ALTERED. STREAKS, DISSEM PY	0.°-8.° NO	8	ND		
23702	Δ	6'	QTZ. SERICITE SCHIST. BLACK SPECKS. PY.	0.°-6.° SO	8	0.2		
23703	Δ	6'		11.°- 17.°	8	0.6		
23704	Δ	5'		17.°-22.°	6	0.2		
23705	Δ	5'	DARK GREY GREEN	22.°-27.°	4	0.2		
23706	Δ	5'	MED. GREY GREEN	27.°-32.°	32	0.2		
23707	Δ	6'	LT. GREY GREEN	32.°-38.°	11	ND		
23708	Δ	5'	LT. TAN BUFF	38.°-43.°	8	ND		

TYPE: * - GRAB Δ - CHIP = - CHANNEL □ - BULK

TRENCH NO. #5 - RUTH 1s
CLAIM NO. K 896093
PROPERTY KAKAGI LAKE

SAMPLE AND ASSAY RECORD SHEET

DATE OCT 25/86 PAGE NO. 5

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					ppb Au	ppm Ag	Mo	Cu
23709	△	5'	DACITIC TUFF - MED GREY GREEN SCHIST - MINOR Py.	0°-5°	8	ND		
23710	△	5'	" " ORANGE BR. STAIN.	5°-10°	6	ND		
23711	△	6'	" " INCREASE IN CARBONATES	9°-15°	6	ND		

SAMPLE TYPE: * - GRAB △ - CHIP ═ - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH NO. #1 - DON IS.
CLAIM NO. K 896099
PROPERTY KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 1

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					ppb Au	ppm Ag	Mo	Cu
23712	△	3'	Q.F.P. WITH MINOR Py.	0'-3'	12	ND.		

TYPE: * - GRAB △ - CHIP ═ - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH NO. PENINSULA
CLAIM NO. K.896128
PROPERTY KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 1

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY			
					Au ppb	Ag ppm	Mo	Cu
821	△		L52E, 14+50N I SHEAR ZONE		30	0.8		

TYPE OF SAMPLE: * - GRAB △ - CHIP ═ - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH NO. PENINSULA
CLAIM NO. K. 896126
PROPERTY KAKAGI LAKE

DATE OCT. 25/86 PAGE NO. 2

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY Au ppb.	Ag ppm	Mo	Cu
822	△	60'	L44E, 21+20S FELSIC-BUFF WITH Py.	0'-60'	6	ND.		
823	△	40'	L44E, 21+20S FELSIC-BUFF WITH Py	60'-100'	8	ND.		
824	*		L41+15E, 20+25S FELSIC-BUFF WITH Py.	GRAB	15	0.2		

TYPE: * - GRAB △ - CHIP ═ - CHANNEL □ - BULK

SAMPLE AND ASSAY RECORD SHEET

TRENCH NO. PENINSULA
CLAIM NO. K 896125
PROPERTY KAKAGI LAKE

DATE OCT 25/86 PAGE NO. 3

SAMPLE NO.	T	WIDTH OF SAMPLE	DESCRIPTION		ASSAY Au ppb	Ag ppm	Mo	Cu
23713	Δ	25'	L 27+60 E, 16S SHEARED. SHISTOSE TUFF		14	0.4		
23714	Δ	25'	L 27+60 E, 16+25S, SHEARED. HIGHLY SHEARED.		7	0.2		
23715	Δ	3'	SERICITE SCHIST.		33	ND		

TYPE: * - GRAB Δ - CHIP ═ - CHANNEL □ - BULK

D. PERSONNEL

PERSONNEL 1986

1. A.F. REEVE - GEOLOGIST
   904-675 West Hastings St.
   Vancouver, B.C. V6B 1N2 — 604-688-3584

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   North Bay, Ontario P1B 8H5

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   Nestor Falls, Ontario P0X 1K0

8. RICK BIRD - LINE CUTTER
   1106 1st Street, East
   Fort Frances, Ontario

9. DAN SCHEIRER - LINE CUTTER
   1267 Idylwild Drive
   Fort Frances, Ontario

Ontario

Ministry of Natural Resources

File _____

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENI
FACTS SHOWN HERE NEED NOT
TECHNICAL REPORT MUST CONTAIN INI

900

Type of Survey(s) Linecutting and Geological Mapping

Township or Area Brooks Lake Area, Kenora Mining Division

Claim Holder(s) Laramide Resources Ltd.
Vancouver, B.C.

Survey Company R.M. Blais & Associates Ltd.

Author of Report R.M. Blais, P. Eng.

Address of Author 528 Cassells St., North Bay, Ontario

Covering Dates of Survey Sept. 16, 1986 - Oct. 22, 1986
(linecutting to office)

Total Miles of Line Cut 9.0 miles

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

DAYS per claim

Geophysical
--Electromagnetic _____
–Magnetometer _____
–Radiometric _____
–Other _____
Geological 40
Geochemical _____

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

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

DATE: May 12, 1987 SIGNATURE: R.M. Blais
Author of Report or Agent

Res. Geol. _____ Qualifications 2.2854

Previous Surveys

File No.	Type	Date	Claim Holder

OFFICE USE ONLY

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
K	896091
K	896092
K	896093
K	896094
K	896096
K	896097
K	896099
K	896109
K	896110
K	896114
K	896118
K	896119
K	896120
K	896121
K	896122
K	896123
K	896124
K	896125
K	896126
K	896127
K	896128

If space insufficient, attach list

TOTAL CLAIMS 21

837 (5/79)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS - If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

_____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

_____

Base station value and location _____

_____

Elevation accuracy _____

INDUCED POLARIZATION RESISTIVITY

Instrument _____

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

_____

_____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

_____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

_____

Drainage Development _____

Estimated Range of Overburden Thickness _____

_____

_____

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

Mesh size of fraction used for analysis _____

_____

_____

_____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

ANALYTICAL METHODS

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

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

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

Ontario

Ministry of
Northern Development
and Mines

July 6, 1987

Your File:94
Our File:2.10065

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
Box 5050
Kenora, Ontario
P9N 3X9

Dear Sir:

RE: Notice of Intent dated June 10, 1987
Geological Survey on Mining Claims
K 896091, et al, in Brooks Lake Area

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

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

Yours sincerely,

Gary L. Weatherson, Manager
Mining Lands Section
Mineral Development and Lands Branch
Mines and Minerals Division

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

Telephone: (416) 965-4888

AB/mc
cc: Laramide Resources Ltd
Suite 904
675 West Hastings Street
Vancouver, B.C.
V6B 1N2

R.M. Blais
528 Cassells Street
North Bay, Ontario
P1B 3Z7

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

Resident Geologist
Kenora, Ontario

Encl.

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File: 2.10065

Date: June 10, 1987

Mining Recorder's Report of Work No.: 94

Recorded Holder: LARAMIDE RESOURCES LTD

Township or Area: BROOKS LAKE

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 31 days	K 896091 to 94 inclusive 896096 - 97 - 99 896109 - 10 - 14 - 18 to 28 incl.
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

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

No credits have been allowed for the following mining claims

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

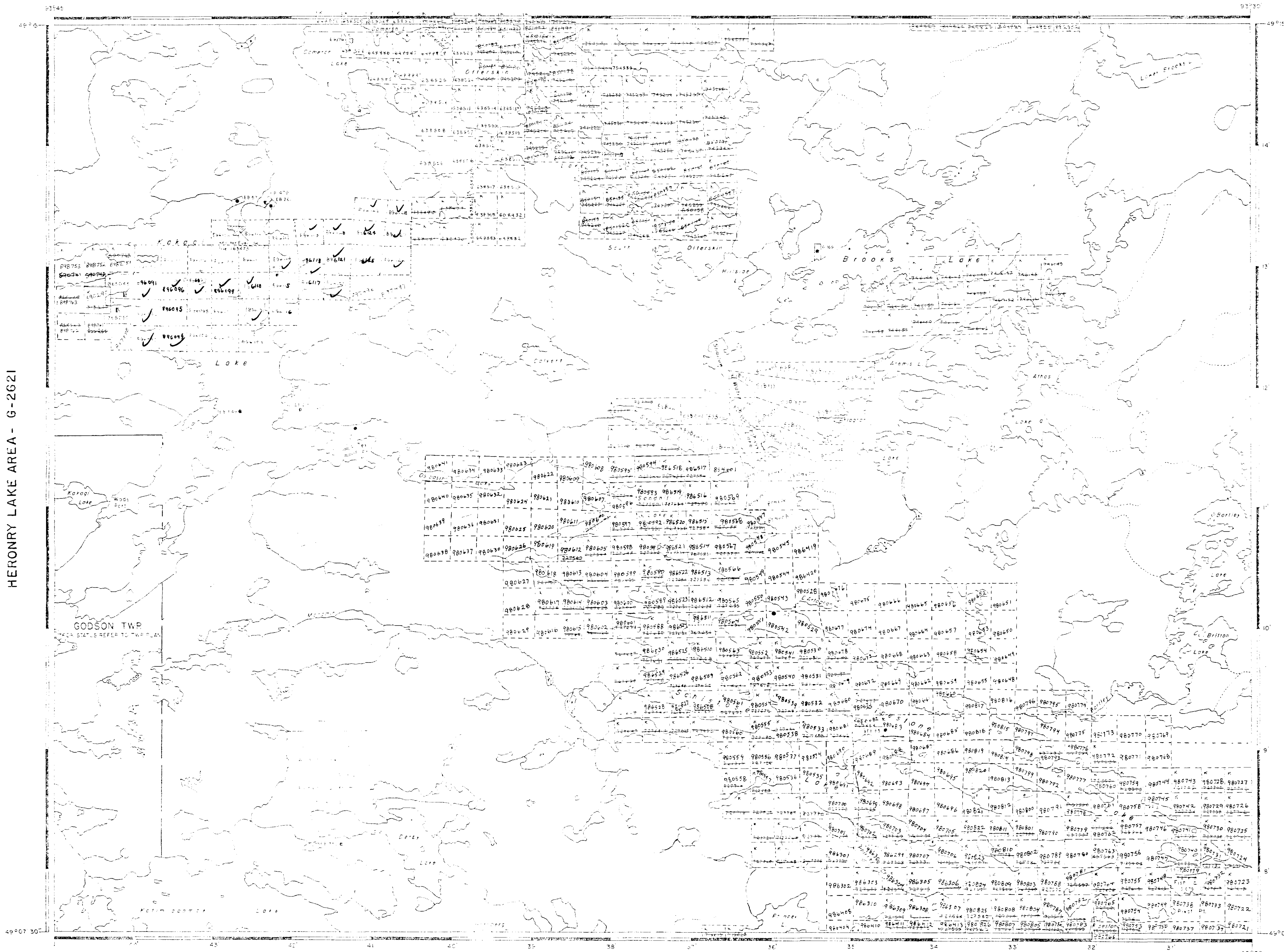
The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

28 (85/12)

	Bad			210065.
896071	3/4	896121	✓	
72	3/4	22	1/2	
73	1/4	23	✓	
74	1/4	24	✓	
76	3/4	25	✓	
77	3/4	26	✓	
79	1/2	27	✓	
896109	✓	28	✓	
10	1/2			
14	1/4	$23/4 = 5\ 3/4$		
18	1/4			
19	1/4	$21 \times 40 \div 26\ 3/4 = 31$		
20	✓			

ROWAN LAKE AREA- G-2696

HERONRY LAKE AREA- G-2621



BLUFFPOINT LAKE AREA- G-2669

DASH LAKE- G-2671

LEGEND

HIGHWAY AND ROUTE No
OTHER ROADS
TRAILS
SURVEYED LINES
TOWNSHIPS, BASE LINES, ETC
LOTS, MINING CLAIMS, PARCELS, ETC
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBO
PATENT, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBL LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC

R E F E R E N C E S

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

KENORA MINING DIV.
RECEIVED
JUN 3 1987
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

SCALE: 1 INCH = 40 CHAINS

AREA

BROOKS LAKE

M.N.R. ADMINISTRATIVE DISTRICT

FORT FRANCES

MINING DIVISION

KENORA

LAND TITLES / REGISTRY DIVISION

KENORA

Ontario
Ministry of Natural Resources
Land Management Branch

Date: MARCH, 1984

Number: G-2670

492933

52F04NE0012 2.10865 BROOKS LAKE

200

Ag	SILVER
Au	GOLD
po	PYRRHOTITE
py	PYRITE
q	QUARTZ

- GEOLOGICAL BOUNDARY, OBSERVED
- SWAMP
- BUILDING
- TRENCH
- STRIKE & DIP
- I.P. TARGETS – CHARGEABILITY
- BLDR — BOULDERS
- DRILL HOLE (VERTICAL, INCLINED). LOCATION APPROXIMATE.

FABRIC AND STRUCTURE NOTATION (F)

	Degree of Fabric Development	Code
	Massive to weakly foliated	F1
∫	Weakly to moderately foliated	F2
∫∫	Strongly foliated to schistose	F3
∫∫∫	Kinked and contorted schist zones	F4
	Quartz vein zones (>25% qv's and >3m)	QVZ
	Gouge and/or brecciated late faults, fault zones	FZ

NB: By definition, lithologic units 3c, 2d and 1d (schists) are code F3 for fabric development.

ALTERATION (A)

	Alteration Types	Code
λ	sericite	ser
η	carbonate	carb
φ	chlorite	chl
σ	silica	sil
ε	epidote	epi
	Alteration Intensity	
–	weak	A1
=	moderate	A2
≡	strong	A3

GEOLOGY LEGEND

SHEAR ZONES

MAFIC INTRUSIVE

5 — DIABASE

METAMORPHOSED FELSIC INTRUSIVE ROCKS

4 — Q.F.P. – QUARTZ-FELDSPAR PORPHYRY

METAMORPHOSED MAFIC AND ULTRA MAFIC INTRUSIVES

3 — GABBRO

FELSIC TO INTERMEDIATE META VOLCANICS

2 — QUARTZ SERICITE SCHIST (Q.S.S.) AND TUFFS

MAFIC TO INTERMEDIATE META VOLCANICS

1 — LAVA FLOW AND TUFF (UNSUBDIVIDED)

21006S

LARAMIDE RESOURCES LTD.

KAKAGI LAKE PROJECT

GEOLOGY PLAN
OF
CLAIM GROUP
SHOWING
DIAMOND DRILL HOLES, TRENCHES AND ASSAY DATA

KENORA MINING DIVISION, ONTARIO

TECHNICAL WORK BY: R.M.B.	SCALE: 1" = 400'
DRAWN BY: J-RAB	DATE: FEBRUARY, 1987
APPROVED BY: R.M.B.	DRAWING NO.: 86-01

210

K 590743
K 590742
K 590290
K 365049
K 365050
K 896091
K 896092
1987 GRID ON ICE
1986 GRID
BASELINE N 77° 30' E
L 112 W
L 103+40 W
L 96 W
L 90+60 W
L 88 W
L 84 W
L 80 W
11+00 N
7+00S
L 0 0
L 2 E
L 4 E
L 6 E
L 8 E
GOLD MENDING ZONE
HIGH PINE RIDGE
Trenches
TRENCH SECTIONS — 1986 ASSAYS
1" = 10'
WEST FACE - TRENCH 1
AVERAGE TWO FACES
EAST FACE - TRENCH 1
EAST FACE - TRENCH 2
EAST FACE - TRENCH 3
AVERAGES
TRENCH SECTIONS — 1986 ASSAYS
1" = 20'
TRENCH # 6
TRENCH # 7
PPB - Au
L 2+00 E
L 2+25 E
PARTS PER BILLION
OVERBURDEN
PPB
TRENCH # 5 (LOOKING WEST) ALONG EAST END OF EAST ISLAND
NOTE
ALL FIGURES ON DRAWING ARE GOLD VALUES
Ag SILVER
Au GOLD
po PYRRHOTITE
py PYRITE
q QUARTZ
ROCK CHIP SAMPLE
GEOLOGICAL BOUNDARY, OBSERVED
SWAMP
BUILDING
TRENCH
STRIKE & DIP
I.P. TARGETS - CHARGEABILITY - (DWG. Nº 86-01)
BOULDERS
DRILL HOLE (VERTICAL, INCLINED). LOCATION APPROXIMATE.
FABRIC AND STRUCTURE NOTATION (F)
ALTERATION(A)
DIABASE
FELSIC/INTERMEDIATE INTRUSIVES
MAFIC/INTERMEDIATE INTRUSIVES (DIKE)
SEDIMENTS
FELSIC VOLCANICS
INTERMEDIATE VOLCANICS
MAFIC VOLCANICS

2.10065

LARAMIDE RESOURCES LTD.

KAKAGI LAKE PROJECT

GEOLOGY PLAN
OF
EAST ISLAND
SHOWING
DIAMOND DRILL HOLES AND ASSAY DATA

KENORA MINING DIVISION, ONTARIO

TECHNICAL WORK BY: R.M.B.	SCALE: 1" = 100'
DRAWN BY: J-RAB	DATE: NOVEMBER, 1986
APPROVED BY: R.M.B.	DRAWING NO.: 86 - 02

52F04NE0012 2.10065 BROOKS LAKE

GRAB SAMPLES — 1986

SAMPLE NO.	Au (ppb)	Ag (ppm)	As (ppm)	Ba (ppm)	Hg (ppm)	
23901	21	0.6	ND	440	0.01	△1
902	6	0.2	ND	210	0.02	△2
903	11	0.2	ND	440	<0.01	△3
904	8	0.2	ND	280	0.63	△4
905	4	0.8	ND	20	<0.01	△5
906	3	ND	ND	230	0.01	△6
907	11	ND	ND	210	<0.01	△7
908	14	0.4	ND	240	0.03	△8
909	8	0.2	ND	450	<0.01	△9
23910	11	0.6	ND	640	0.01	△10
911	17	0.2	ND	430	0.02	△11
912	4	ND	ND	480	<0.01	△12
913	3	0.4	5	380	0.01	△13
914	NO	SAMPLE		—	—	—
915	51	ND	ND	250	<0.01	△15
916	27	1.0	ND	110	0.11	△16
917	10	0.6	10	900	0.06	△17
918	22	0.4	20	440	0.06	△18
919	14	0.6	ND	290	0.14	△19
23920	11	0.4	15	930	0.01	△20
921	58	0.4	ND	490	0.04	△21
922	22	0.2	ND	470	0.06	△22
923	14	0.4	ND	900	0.01	△23
924	11	0.2	ND	1100	<0.01	△24
23925	25	0.4	ND	110	0.02	△25

EAST ISLAND
TRENCH SECTIONS — 1986 ASSAYS
1" = 20'

TRENCH #6 — PPB Au: 219, 754, 122, 891, 32 — 21', 16', 11', 7', 3', 0 — L2+00E — LINE

TRENCH #7 — PPB Au: 40, 25, 41, 54, 23, 0.03 O.P.T. — 27', 22', 17', 12', 7', 4', 0 — L2+25E — 1+60N

230

TRENCH #5 (LOOKING WEST) ALONG EAST END OF EAST ISLAND — PARTS PER BILLION — OVERBURDEN — PPB Au — 170' 160' 150' 140' 130' 120' 110' 100' 90' 80' 70' 60' 50' 40' 30' 20' 10' 0

RUTH IS. ASSAYS
LOOKING WEST

TRENCH #1	20, 12, 33 / 6, 6, 6 — ppb Au
TR. #2	26, 11, 60, 14 / 6, 5, 5, 6 — ppb Au
TR. #3	250, 10 / 5, 5 — ppb Au
TR. #4	8, 11, 32, 4, 6, 8, OB, 8, 8 / 5, 6, 6, 5, 5, 6, 5, 6, 6 — ppb Au
TR. #5	6, 8 / 6, 5, 5 — ppb Au

NOTE
PLAN 86-02 SHOWS ASSAY RESULTS FOR EAST ISLAND.

2.10065

LARAMIDE RESOURCES LTD.
KAKAGI LAKE PROJECT

PLAN SHOWING
ASSAY RESULTS
1986 PROGRAM
KENORA MINING DIVISION, ONTARIO

TECHNICAL WORK BY: R.M.B.	SCALE: 1" = 400'
DRAWN BY: J-RAB	DATE: FEBRUARY, 1987
APPROVED BY: R.M.B.	DRAWING NO.: 86-03