010

OMIP APPLICATION

for

GRANT 1995

for

STRIPPING, DIAMOND DRILLING AND BULK SAMPLING

ON THE GARNET PROPERTY

of

EMERALD ISLE RESOURCES INC. AND STRALAK RESOURCES INC.
JOINT VENTURERS

STREET TOWNSHIP
Sudbury Mining Division, Ontario

Brenda Humeniuk

OMIP File No. 95-053

Gval. # 2.16587

Frank H. Toews, B.Sc.
Geologist
Andrew Dahmen
P.Eng

February 15, 1996

OMIP 95-053

TABLE OF CONTENTS

INTRODUCTION

The project area, in Street Township, Sudbury Mining Division, is concerned with industrial minerals, specifically garnet. A substantial amount of exploration work, road access construction, and industrial mineral testing has already been performed on the property in the past two years.

This report discusses the stripping, diamond drilling, and bulk sampling of garnet-rich zones from February to December, 1995.

LOCATION AND ACCESS

The property is located in eastern Street Township, approximately 20 air-miles (32 km) from the city of Sudbury (Figure 1). The property is on claim plan G-4109, NTS map sheet 41 I/10, occurring between latitudes 46 deg 33.8'N and 46 deg 36.5'N, and between longitudes 80 deg 34.14'W and 80 deg 37.6'W.

Access is via Highway 17 East for a distance of 27 km to the all-weather, Kukagami Lake Road which heads north from the highway. At about 6 km north, a newly constructed road, suitable for heavy trucks, trends northeasterly for a distance of approximately 3.5 km to a point near the north boundary of claim 1043382. (Also see figure 2.)

DESCRIPTION OF PROPERTY

Emerald Isle Resources Inc. and Stralak Resources Inc. (Canadian, public companies trading on the Vancouver Stock Exchange) each holds a registered 50% interest in the 18 contiguous, unpatented mining claims (52 units, 832 hec) containing an almandine garnet deposit(s) in Street Township. The property is subject to a total royalty payable of $1.50 per short ton of garnet milled.

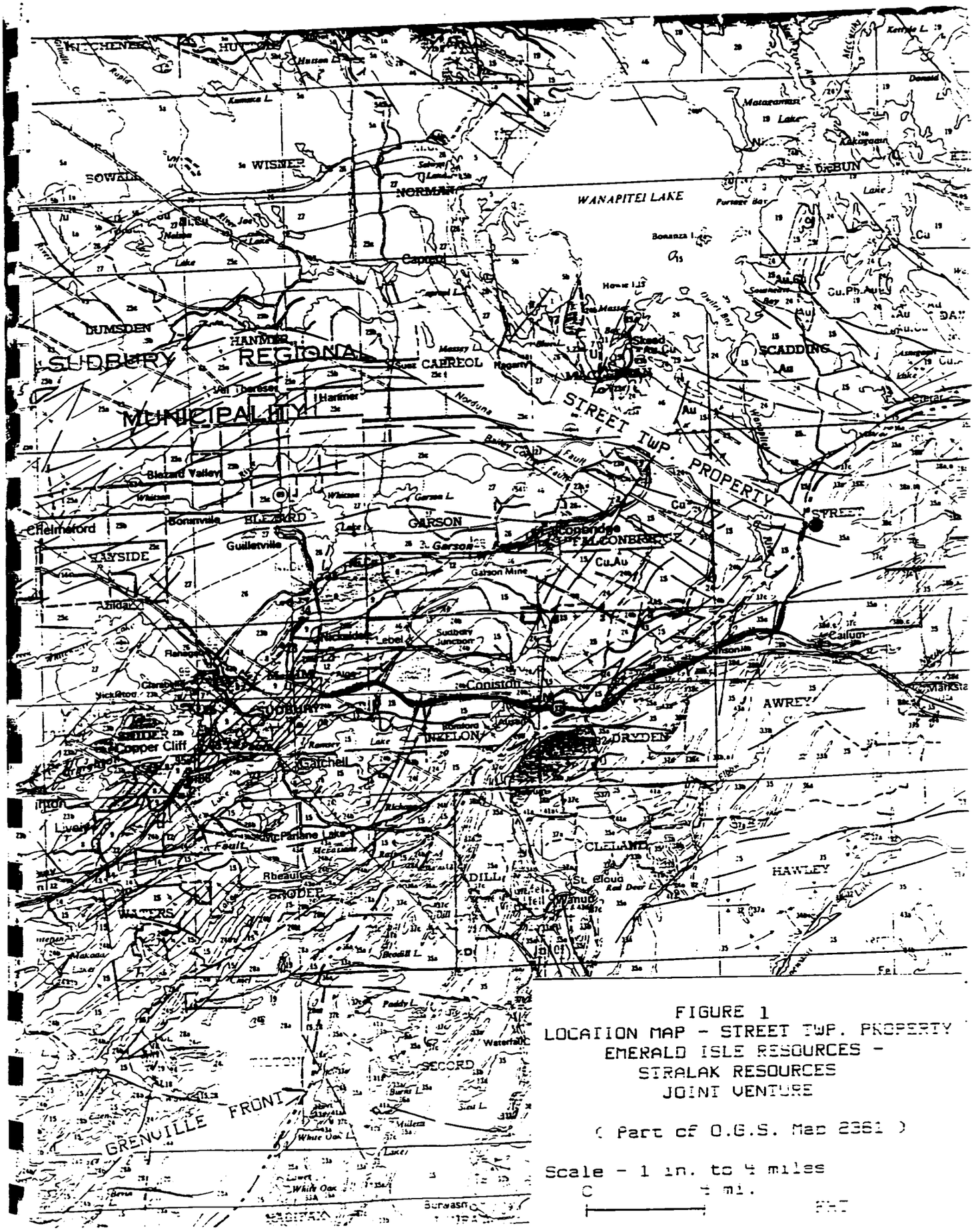


FIGURE 1
LOCATION MAP - STREET TWP. PROPERTY
EMERALD ISLE RESOURCES -
STRALAK RESOURCES
JOINT VENTURE

(Part of O.G.S. Map 2361)

Scale - 1 in. to 4 miles

C 4 mi.

The claims are in good standing and numbered as follows:

Single unit claims - 1043372 to 1043382 inclusive (11 units),
and 1197886 to 1197888 inclusive (3 units).

Multiple-unit claims - 1179594 (4 units), 1179595 (6 units),
1179596 (12 units), and 1179597 (16 units).

REGIONAL GEOLOGY

(See O.G.S. Map 2361, Sudbury-Cobalt Sheet)

In the Sudbury area, the oldest lithologies are represented by the Archean-age, mafic to felsic metavolcanic rocks and their associated metasediments. Early Precambrian (Archean) felsic plutonic rocks, which underlie a large portion of the area, are found to intrude the meta-volcanics. All are part of the Superior Structural Province of the Precambrian Shield.

Unconformably overlying the Archean rocks is the Huronian Supergroup (of the Southern Province), consisting of basal metavolcanics followed by repetitive sequences (groups) of Early Proterozoic conglomerate, mudstone-wacke and quartz-feldspar sandstone. From oldest to youngest the four groups are : Elliot Lake, Hough Lake, Quirke Lake and Cobalt Group. Several Early Proterozoic granitic plutons, and a suite of mafic rocks, the Nipissing Gabbro, intrude the Huronian sequence, and all are cut by radial offset dykes of the Sudbury Igneous Complex (Irruptive).

South and east of Sudbury, the Grenville Front Tectonic Zone trends northeasterly, separating younger metamorphic and igneous lithologies of the Grenville Structural Province to the south, from rocks of the Superior and Southern Provinces. Archean, and also Early Proterozoic (eg. the Huronian and Nipissing) metamorphosed lithologies have been traced into parts of the Grenville Province. Late Proterozoic diabase dykes and the alkalic rock-carbonatite complexes are among the youngest intrusions in area. Periods of folding, faulting, and regional or contact metamorphism, have occurred at various times dating back into the Archean. Continental glaciation occurred during the Pleistocene.

The economic geology of the area is dominated by the base and precious metal deposits associated with the marginal and offset rocks of the Sudbury Igneous Complex. However, iron formation and volcanogenic base metal deposits have been exploited in the Archean (and younger) metavolcanics; for example, uranium in the basal conglomerates of the Huronian, and gold-copper in veins and breccias associated with the Huronian metasedimentary rock and/or Nipissing gabbroic suite. Building stone and industrial mineral deposits are also present in the area. Glacial sand and gravel deposits are utilized for construction and roads.

LOCAL GEOLOGY

Street Township was mapped as part of a regional geological survey by the Ontario Division of Mines (see Preliminary Map P.844, River Valley Area, scale 1 in. = 1 mile, by S.B. Lumbers, 1973). The township is diagonally crossed by the northeasterly trending Grenville Front Tectonic Zone (figures 1 & 2), which here separates Proterozoic-age rocks of the Southern Province lying to the northwest, from highly metamorphosed lithologies of the Grenville Structural Province to the southeast. The

claim group lies just to the east and southeast of the Grenville Front Boundary Fault (which locally trends in a more northerly direction). The Grenville Front Boundary Fault, in this area, is mainly buried by Pleistocene and Recent unconsolidated sediments according to Lumbers' mapping, and would cross the northwestern portion of claim 1179597 near Timmins Creek. Southwest of this claim, the Fault is only up to a maximum distance of 700 metres from the property.

The property is underlain by high-rank metamorphic gneisses and schists derived from metasedimentary precusors, interlayered with gneissic, metabasic intrusive rocks (possibly Nipissing metagabbro). The rocks are migmatitic in part and granitic pegmatite dykes and veins are also present on the property. Gneissic foliations generally trend northeasterly and dip steeply to moderately to the southeast, although complex folding can be present. East of the property, a lobe of anorthositic suite rocks crosses the eastern boundary of Street Township. (Lumbers, 1971, 1973.)

Part of the southern portion of the property, in the vicinity of garnetiferous Zone "A", was mapped by the writer (Toews, 1993) at a scale of 1:250, using grid lines for control. The mapping covered parts of claims 1043375-76 and 1043378-79, over an area of about 250 by 500 metres (figure 2). This mapping outlined a siliceous to micaceous garnetiferous zone (main garnet unit) up to 20 m wide, with a length of over 350 m, striking east-northeasterly, more or less parallel to the base line (azimuth 060 degrees). The main garnet unit dips steeply to the southeast for the most part. Thinner, parallel bands, similar to this main garnet unit, are found in the footwall to the main unit, interbanded with mafic to felsic gneisses and schists which can also be garnet-bearing. The hanging wall rocks appear to be mainly mafic gneisses which are locally garnetiferous. Granitic pegmatite to pegmatitic veining can be observed in all lithologies. The main garnet unit

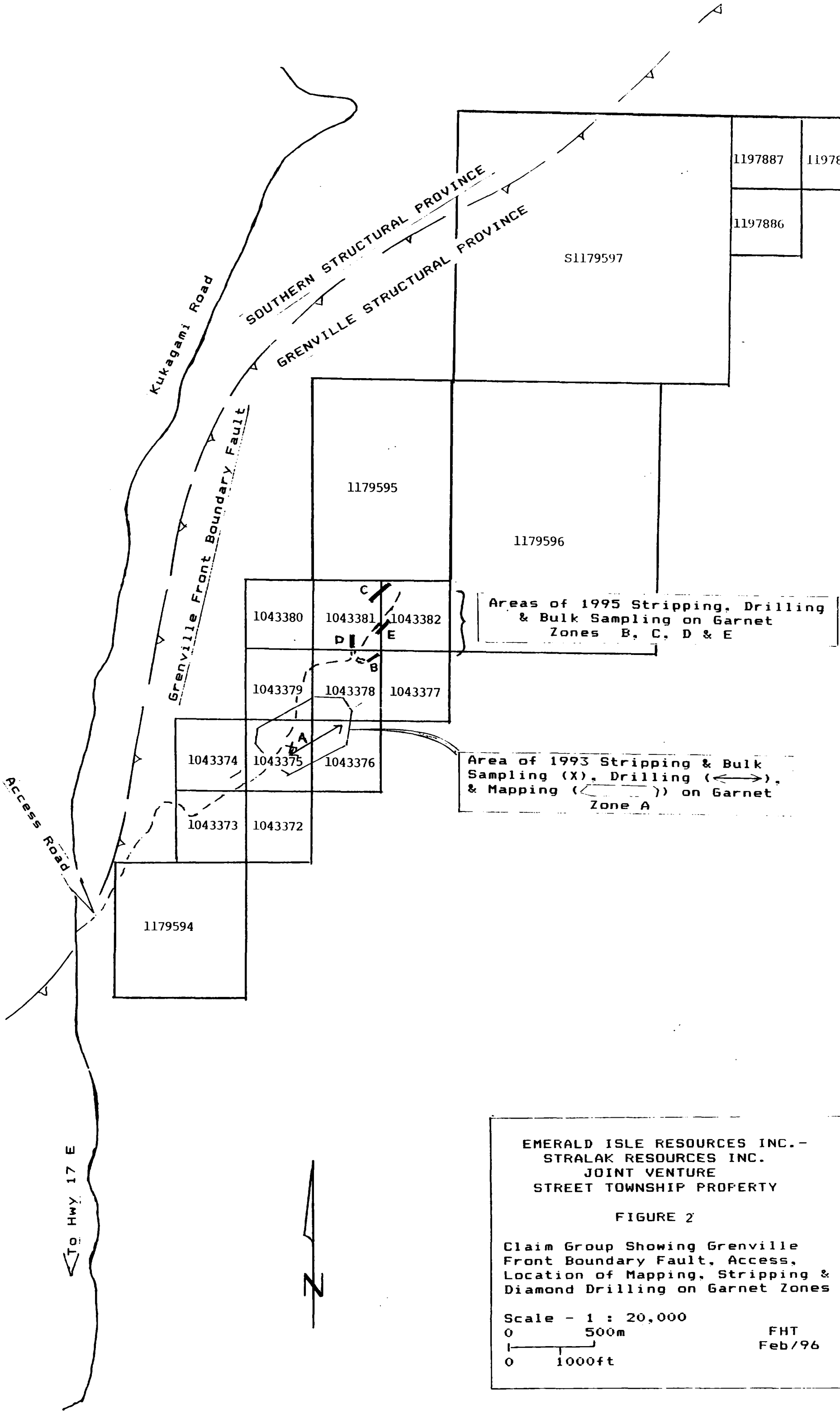
is medium to coarse grained, siliceous (quartz-feldspar-rich) to mica-rich (biotitic to muscovitic) with a variable, red to purplish almandine garnet content (< 5 to 50%, estimated average of 25% +/- by volume). The garnets range in size from 0.1-3 cm averaging < 1 cm. This garnet unit of Zone "A" was drilled in 1993.

The diamond drilling in 1993 confirmed the presence of the main garnet unit at depth. A total of 2071 feet (636.4 m) of BQ drilling was completed in 16 holes during October and November, 1993. The holes were drilled on 25 m centres between Line 0+50m W and 3+25m E using the grid for control. (See figure 2.) All holes were oriented at -45 deg. / Azimuth 330 deg. and varied in length from 100 to 160 feet (30.49 to 48.78 m). The holes were drilled perpendicular to the strike of the main garnet unit and with a shallow open pit mining method envisaged.

The main garnet unit of Zone "A" was intersected in all drill holes with core lengths of about 6 to 14 m, except for the hole on section 3+25m E where the unit is interpreted to have split into narrow, more weakly garnetiferous sections. The main garnet unit is open to the west of section 0+50m W and at depth (since it was intersected at depths of between 5 and 20 m below surface). Similar, narrow garnetiferous units occur in the footwall to the main unit in the drill holes, as well as in the outcrop exposures.

Additional prospecting on the property, by Mr. Albert Jerome, has revealed four other, similar garnetiferous zones ("B,C,D & E") with potential, and occurring to the northeast of Zone "A". (See figure 2)

During 1995, these zones were stripped and washed. Zone "C" was diamond drilled (NQ core size), bulk test samples were obtained from Zones "B", "C" and "D", and mill tests were carried out on sample material.



EMERALD ISLE RESOURCES INC.-
STRALAK RESOURCES INC.
JOINT VENTURE
STREET TOWNSHIP PROPERTY

FIGURE 2

Claim Group Showing Grenville Front Boundary Fault, Access, Location of Mapping, Stripping & Diamond Drilling on Garnet Zones

Scale - 1 : 20,000
0 500m
0 1000ft

FHT
Feb/96

1995 WORK PROGRAM RESULTS

A - Diamond Drilling

Zone "C" - Claims 1043381-82 (Fig. 2)

After preliminary stripping, Zone "C" was probed by four diamond drill holes (E/S 95-01 to -04) oriented at -45 degrees NW, and varying in length from 90 to 105 feet (27 to 32m). A total of 405 feet (123.5m) of NQ-size core was drilled between February 16-22, 1995.

The main segment of this garnet zone appears to be steeply dipping to the southeast and striking northeasterly, with core intersections of 10 to 20 feet (3 - 6m) containing up to 60% by volume (with estimated average of about 25% by volume) of almandine garnets 0.1 - 3cm in size, over a drill tested strike length of about 270 feet (82m) and to vertical depths of up to 30 feet (10m) below surface. The zone is open at depth and along strike, and other garnetiferous sections occur in the footwall to the main zone in the core, indicating additional potential.

Garnet concentrates produced from split drill core resulted in values of 40.47% to 58.67% by weight over lengths of 7.5 to 20.3 feet (2.3 - 6.2m). (See Table A, and Appendix III - Drill Plans and Sections).

STREET TOWNSHIP - DIAMOND DRILL HOLE INTERSECTIONS
GARNET CONCENTRATE CALCULATIONS
EMERALD ISLE RESOURCES / STRALAK RESOURCES JOINT VENTURE

A	B	C	D	E	F	G	H	I	J	K
D.D.H.#	SAMPLE #	INTERVAL FROM (Feet)	TO	LENGTH ft.	m.	DRY WEIGHT TAILINGS (oz.)	DRY WEIGHT GARNET CONCEN. (oz.)	WEIGHT % GARNET CONCENTRATE H/(G+H) x 100	DDH CONCEN. AVERAGE K(Total)/ E(Total)	CUMULATIVE WT.% GARNET CONC. x CORE LENGTH (In x En)+Kn-1
E/S95-01	18724	16.00	22.40	6.40	1.95	99.00	93.00	48.44		310.00
	18725	22.40	27.40	5.00	1.52	64.00	23.00	26.44		442.18
	18726	27.40	32.40	5.00	1.52	50.00	58.00	53.70		710.70
	18727	32.40	35.40	3.00	0.91	35.00	41.00	53.95		872.54
	Sub-total			19.40	5.91			Weighted Average	44.98	
E/S95-02	18728	21.70	25.00	3.30	1.01	54.00	26.00	32.50		107.25
	18729	25.00	30.00	5.00	1.52	68.00	28.00	29.17		253.08
	18730	30.00	35.00	5.00	1.52	69.50	62.00	47.15		488.82
	18731	35.00	42.00	7.00	2.13	85.00	77.00	47.53		821.54
	Sub-total			20.30	6.19			Weighted Average	40.47	
	18732	65.00	70.00	5.00	1.52	73.00	37.25	33.79		168.93
	18733	70.00	75.00	5.00	1.52	67.00	67.00	50.00		418.93
	18734	75.00	80.20	5.20	1.59	31.00	102.00	76.69		817.73
	Sub-total			15.20	4.63			Weighted Average	53.80	
E/S95-04	18735	10.00	15.00	5.00	1.52	47.50	78.25	61.30		304.52
	18736	15.00	21.30	6.30	1.92	84.00	73.50	46.67		600.32
	Sub-total			11.30	3.45			Weighted Average	53.14	
	18737	40.90	48.40	7.50	2.29	81.00	115.00	58.67		440.05
	Sub-total			7.50	2.29			Weighted Average	58.67	

B - Stripping & Bulk Sampling

Field Work:

(i) Zone "C" - Claims 1043381-82 (Fig. 2)

Surface stripping (500' long by 50' wide) over Zone "C" indicates that the zone is still open to the northeast, but pinches out to the southwest. However, limited stripping approximately 75' farther to the southwest indicates that the zone may continue on strike.

A bulk sample of 45 tons was taken for test purposes from Zone "C" and run through the pilot plant established by the joint venturers late in 1995.

(ii) Zone "B" - Claim 1043378 (Fig. 2)

An area of about 300' long by 60' wide was stripped over the northeast trending zone "B", and additional stripping to within about 50' of the road indicates that this coarse garnetiferous zone (estimated 45% by volume) becomes finer grained as it swings to the northwest to possibly link up with Zone "D" north of the road.

A bulk sample of about 45 tons was taken and run through the pilot plant.

(iii) Zone "D" - Claims 1043381 & 1043378 (Fig. 2)

An area approximately 300' long by 50' wide was stripped over this northerly trending garnetiferous zone, which terminates in swamp at the north limit. Additional stripping at the south end, to within about 50' of the road, appears to indicate that Zone "D" swings

to the southeast and may connect with "C". More stripping will be required to confirm this.

A 5-ton bulk sample was removed from Zone "D", but has not yet been processed.

(iv) Zone "E" - Claims 1043381-82 (Fig. 2)

This northeasterly trending garnetiferous zone was stripped and washed over an area of about 300' by 60'. No testing has been completed on it.

Mill Test Report:

By the end of November, enough equipment was in place at the pilot plant (situated at 59 Nelson Rd., Lively, Ontario) to begin testing the bulk sample. The main purpose of testing was to evaluate the recoverable grade of the bulk sample, and to identify the variations of the different areas of the ore deposit. Only samples from Zones "B" and "C" were tested. The material was first crushed at the site, then transported to the test mill by truck.

In December, the material was processed through the mill in small test lots. The first step of the process involved further crushing the rock from the 7/8" minus sizing down to minus 12 mesh. This was achieved using an impact crusher in conjunction with a closed screening circuit. The material was then stored in a surge bin.

From the surge bin, the material was introduced into a separator box. This box is designed to pull finer mesh and lighter density particles to the back side of a separation

plate, and allow the heavier particles to fall on the far side of the separation plate. This process upgraded the feed material by removing between 20% - 25% of the fines and waste material. (See figure 3.)

The upgraded material was then transferred to a small surge bin above a mag rolls circuit. In this circuit, the material is fed over rare earth magnets, as garnet is para-magnetic and will adhere to them. Magnetic and para-magnetic particles fall onto a conveyor belt, which transfers them to a screening system. Non-magnetics fall into a different chute for transfer out of the building.

Excellent results were achieved with the mag rolls, as they are not particularly grade sensitive. The tests showed that there are variations of ratios of non-magnetic to magnetic minerals in the different samples taken from various zones. The Zone "B" samples contained a higher percentage of amphibole with magnetic properties similar to those of the garnet. The Zone "C" samples contained mostly muscovite and quartz as waste minerals, which separated very well from the garnet. (See figure 3.)

Upgraded material was then screened. This is a critical process in producing a quality garnet product within the project's main targeted application, waterjet cutting abrasives.

The screening's main purpose is to size the material for the specific gravity separators. Two different separators were used during testing, with different sizing going to each separator. The primary mineral removed by the separators was biotite, which has magnetic properties similar to those of garnet, and is not completely separated at the mag rolls circuit. There was more biotite in Zone "B" samples than in Zone "C" samples, which is reflected in the percentages of reject shown in the schematic (figure 3).

The upgraded material was then fed over a drum magnet, which removed small percentages of pyrrhotite and magnetite.

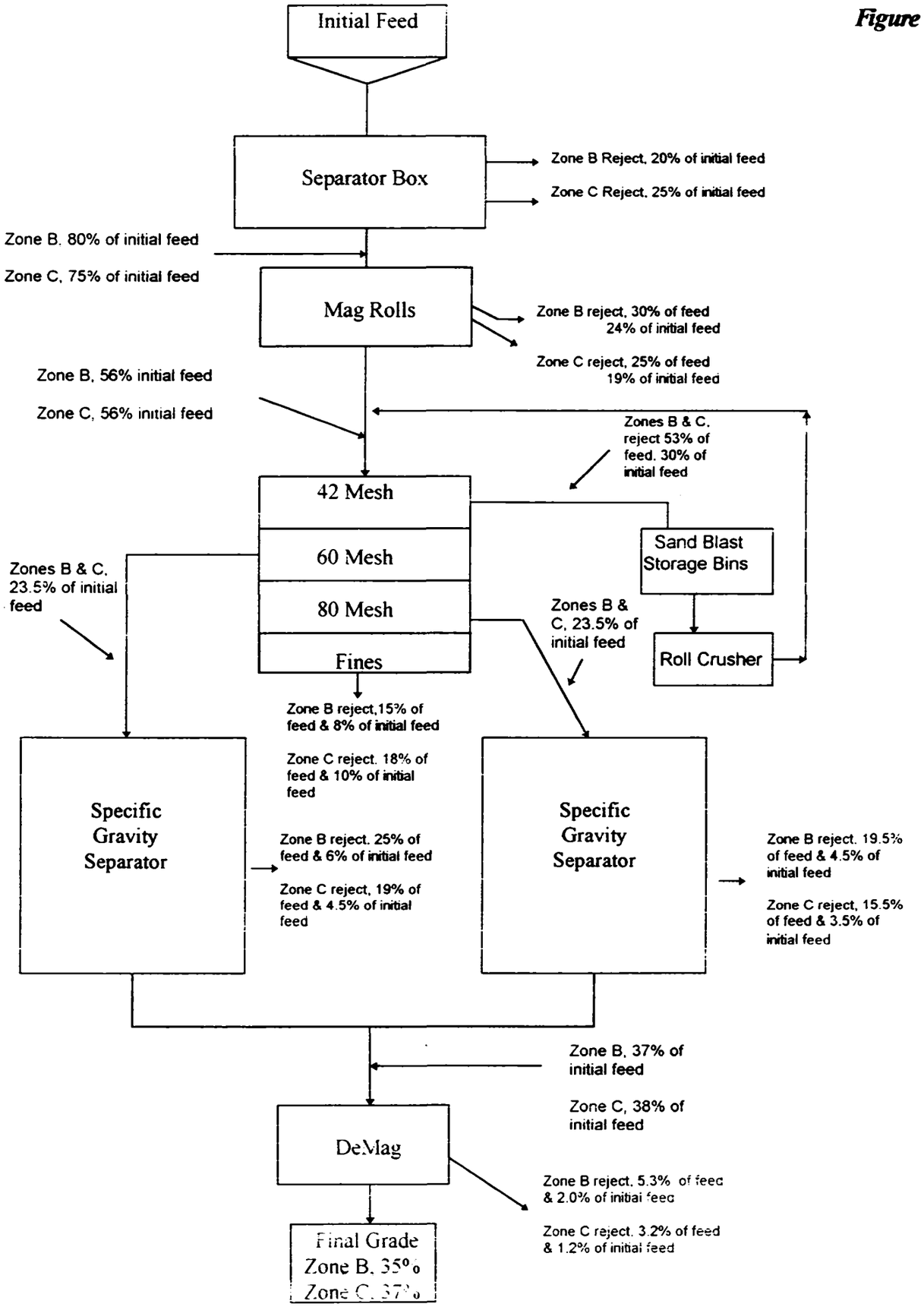
Overall separation from both Zones "B" and "C" was very good, although the tests yielded slightly cleaner product from the Zone "C" material. Please note that the schematic (figure 3) reflects the average of all tests, and does not definitively reflect possible future separation at the mill.

Testing at independent facilities was conducted to determine the chemical characteristics of the garnet, as well as the microhardness. (See Appendix IV for the summary, as well as copies of the reports.)

Microhardness is directly related to the garnet's cutting ability in waterjet applications. Tests indicated that the Street Township garnet is harder (8.3 Mohs) than any other garnet abrasive on the market today. (See Appendix IV).

Tests were also conducted to determine heavy metal content, to ensure that the material meets heavy-metal-content industry standards for sandblast and filtration media. Test results indicated that the Street Township material is well within the guidelines.

Figure 3


Initial Feed
Separator Box
Zone B Reject, 20% of initial feed
Zone C Reject, 25% of initial feed
Zone B, 80% of initial feed
Zone C, 75% of initial feed
Mag Rolls
Zone B reject, 30% of feed
24% of initial feed
Zone C reject, 25% of feed
19% of initial feed
Zone B, 56% initial feed
Zone C, 56% initial feed
Zones B & C, reject 53% of feed, 30% of initial feed
42 Mesh
60 Mesh
80 Mesh
Fines
Sand Blast Storage Bins
Roll Crusher
Zones B & C, 23.5% of initial feed
Zones B & C, 23.5% of initial feed
Zone B reject,15% of feed & 8% of initial feed
Zone C reject. 18% of feed & 10% of initial feed
Specific Gravity Separator
Specific Gravity Separator
Zone B reject. 25% of feed & 6% of initial feed
Zone C reject, 19% of feed & 4.5% of initial feed
Zone B reject. 19.5% of feed & 4.5% of initial feed
Zone C reject, 15.5% of feed & 3.5% of initial feed
Zone B, 37% of initial feed
Zone C, 38% of initial feed
DeMag
Zone B reject. 5.3% of feed & 2.0% of initial feed
Zone C reject. 3.2% of feed & 1.2% of initial feed
Final Grade
Zone B, 35%
Zone C, 37%

CONCLUSION

The joint venturers have elected to proceed with this project, with the ultimate goal of becoming the leading producer of low cost, high quality garnet in North America.

Additional drilling and stripping are planned, and mill testing will continue, although program details and budgets were not available at the date of this report.

REFERENCES

Lumbers, S.B.

1971: River Valley Area, District of Nipissing and Sudbury; p. 90-97 in Summary of Field Work, 1971, by the Geological Branch, ed. E.G. Pye, Ontario Dept. Mines and Northern Affairs, MP49, 109 p.

1973: River Valley Area, Districts of Nipissing and Sudbury; Ontario Div. Mines, Prelim. Map P.844, Geol. Ser., scale 1 inch to 1 mile. Geology 1971, 1972.

Ontario Geological Survey

1977: Sudbury-Cobalt, Geological Compilation Series, Algoma, Manitoulin, Nipissing, Parry Sound, Sudbury and Timiskaming District; O.G.S. Map 2361, scale 1 inch to 4 miles.

Toews, F.H.

1993: Unpublished maps of Emerald Isle Resources Inc. Street Township Property, Map Sheets "A" & "B", scale 1 : 250.

STATEMENT OF QUALIFICATIONS

I, Frank H. Toews, B.Sc. of Highway 537, R.R. #3, Sudbury, Ontario, certify as follows, concerning my report entitled "Ontario Mineral Incentive Program Application for Grant - 1995 for Stripping, Diamond Drilling and Bulk Sampling on the Garnet Property of Emerald Isle Resources Inc. and Stralak Resources Inc., Joint Venturers, Street Township, Sudbury Mining Division, Ontario", dated February 15, 1996,

a) That I am a graduate of the University of Waterloo, Waterloo, Ontario, with a B.Sc. in Earth Science (1971).

b) That I am a member (Fellow), in good standing, of the Geological Association of Canada.

c) That I have been employed as a geologist in the mining and exploration industry in various parts of Canada for over 25 years.

d) That I was present on the property and was involved in the geological aspects of the program and in the report preparation.

e) That I have no direct or indirect interest in the properties or securities of either Emerald Isle Resources Inc., or Stralak Resources Inc.

Frank H. Toews

Frank H. Toews, B.Sc., F.G.A.C.
Geologist

Sudbury, Ontario
February 15, 1996

PROJECT MANAGER - STATEMENT OF QUALIFICATIONS

I, Andy Dahmen, of 85 Westview Cres., Lively, Ontario, certify as follows concerning my report entitled "Ontario Mineral Incentive Program Application for Grant 1995 for Stripping, Diamond Drilling and Bulk Sampling on the Garnet Property of Emerald Isle Resources Inc. and Stralak Resources Inc., Joint Venturers, Street Township, Sudbury Mining Division, Ontario", dated February 15, 1996.

a) That I am a graduate of the University of Idaho, Idaho, U.S.A., with a Bachelor of Science Degree in Geological Engineering (1973).

b) That I am a Registered Professional Engineer in good standing, State of Minnesota, U.S.A.

c) That I have been employed as an engineer in heavy civil and mining development projects for the past 10 years in various parts of the United States and Canada.

d) That I was present on the property and was involved in the geological and mill testing aspects of the program and in the report preparation.

e) That I am employed by the Applicant venturers, but have no other direct or indirect interest in the properties or securities of either Emerald Isle Resources Inc., or Stralak Resources Inc.

Andy Dahmen, B.S., P.Eng.

Sudbury, Ontario
February 15, 1996

Appendix I

OMIP FILE NO. OM 95-053
SUMMARY OF EXPENDITURES

BULK SAMPLES	**$ 38,141.96**
STRIPPING	**106,180.14**
DIAMOND DRILLING	**8,142.00**
	$152,464.10
5% OVERHEAD ALLOWANCE	**7,623.21**
	$160,087.31

STRIPPING, DIAMOND DRILLING AND BULK SAMPLING
ON THE GARNET PROPERTY
OF
EMERALD ISLE RESOURCES INC. AND STRALAK RESOURCES INC.
JOINT VENTURERS

OMIP FILE NO. 95-053
EXPENDITURES

DATE	INVOICE	BULK SAMPLE	STRIPPING	DIAMOND DRILLING
00-02-95	Frank H. Toews	-	-	$ 350.00
00-02-95	Erana Mines Limited	-	-	6,480.00
28-02-95	Erana Mines Limited	-	$ 8,008.75	-
28-02-95	Erana Mines Limited	$ 144.50	-	-
28-02-95	ICI Superior Explos.	610.82	-	-
05-03-95	Frank H. Toews	-	-	675.00
14-03-95	Erana Mines Limited	-	5,966.47	-
16-03-95	Peter Hauser	-	920.00	-
30-03-95	KTA-Tator,Inc.	626.81	-	-
30-03-95	Roger Kett	-	315.15	-
00-04-95	Andy Dahmen	-	60.00	-
03-04-95	Erana Mines Limited	-	500.00	-
18-04-95	Erana Mines Limited	-	1,032.00	-
11-04-95	Canmet	16.50	-	-
24-04-95	Erana Mines Limited	1,954.02	-	-
24-04-95	Lakefield Research	107.50	-	-
26-04-95	Bob/Andy Expenses-test	360.60	-	-
28-04-95	Andy Dahmen	200.00	-	-
30-04-95	Hedman Resources	1,307.88	-	-
02-05-95	Erana Mines Limited	-	679.43	-
11-05-95	Erana Mines Limited	204.50	-	-
17-05-95	Frank H. Toews	-	-	375.00
24-05-95	Erana Mines Limited	-	289.00	-
01-06-95	Andy Dahmen	-	200.00	-
16-06-95	Frank H. Toews	-	-	262.50
27-06-95	Natural Resources Can.	1,500.00	-	-
00-07-95	Andy Dahmen	-	40.00	-
07-07-95	Lakefield Research	174.00	-	-
10-07-95	J.Rintala Trucking	-	2,447.45	-
18-07-95	Terry Jerome	100.00	-	-
00-07-95	Andy Dahmen	-	78.00	-
26-07-95	ICI Superior Explos.	97.50	-	-
01-08-95	Andy Dahmen	-	1,000.00	-
02-08-95	Peter Hauser	-	1,221.00	-
04-08-95	Erana Mines Limited	-	17,296.81	-
16-08-95	Erana Mines Limited	-	6,166.78	-

		BULK SAMPLE	STRIPPING	DIAMOND DRILLING
16-08-95	Peter Hauser	-	869.50	-
00-09-95	Andy Dahmen	500.00	-	-
20-09-95	Erana Mines Limited	-	16,008.00	-
04-10-95	Erana Mines Limited	-	15,147.00	-
18-10-95	Erana Mines Limited	14,821.24	-	-
01-11-95	Erana Mines Limited	-	9,935.00	-
27-11-95	Erana Mines Limited	68.00	-	-
30-11-95	MNDM	110.00	-	-
30-11-95	Professional Ser.Ind.	784.09	-	-
06-12-95	G.D.Drilling Supplies	350.00	-	-
20-12-95	Erana Mines Limited	2,440.00	17,999.80	-
00-12-95	Peter Hauser	6,500.00	-	-
00-12-95	Eco/Pilot Plant test	5,164.00	-	-
		$38,141.96	$106,180.14	$8,142.00

Appendix II

OMIP FILE NO. OM 95-053
Work Dates, Personnel and Equipment

STRIPPING
Garnet Property, Street Township
Sudbury Mining Divison

Work Dates : February 13/95 - March 29/95
July 17/95 - August 4/95
September 4/95 - October 28/95
December 3/95 - December 16/95

Personnel : Erana Mines Limited under the direction of Ronald A. Poulin

A. Dahmen, Sudbury (Project Supervisor)

P. Hauser, Sudbury

Equipment : compressor, steel and plugger
690E Excavator
850 John Deere Dozer
950 Cat Loader
JKS BOYLES 3E DIAMOND DRILL

EMERALD/STRALAK JOINT VENTURE

REPORT OF WORK - "STRIPPING"

STATEMENT OF COSTS

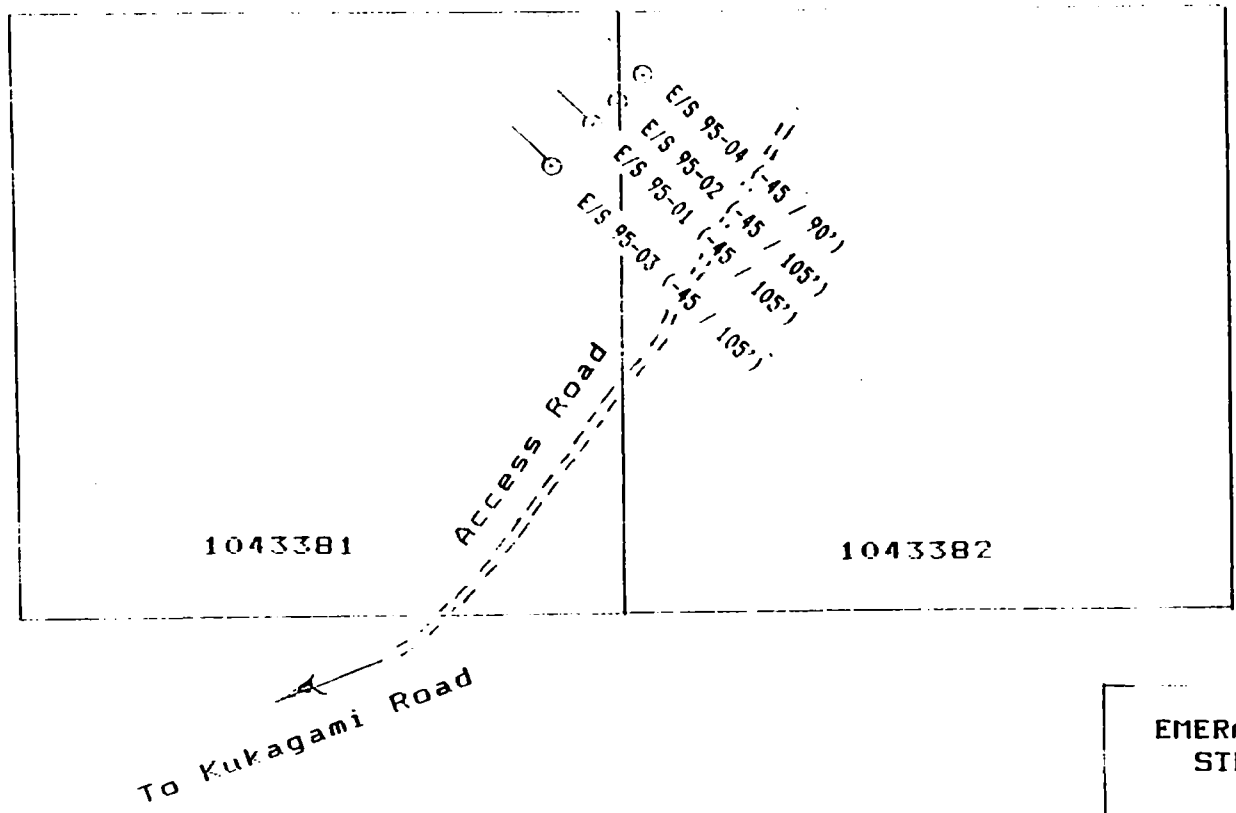
1. DIRECT COSTS

EQUIPMENT RENTAL :	(unoperated)	
	690E Excavator	
	381.5 hrs. @ $65./hr.	$24 797.
	7% GST was applied	1 735.
		$26 532.
	850JD Dozer	
	331 hrs. @ $80./hr.	$26 480.
	7% GST was applied	1 853.
		$28 333.
	950 Cat Loader	
	2 hrs. @ $45./hr.	$ 90.
	7% GST was applied	6.
		$ 96.
	EQUIPMENT RENTAL =	$54 961.

EQUIPMENT OPERATORS : H. Blanchard @ $45./hr.
R. Gervais @ $17./hr.
R. Poulin @ $31./hr.
P. Hauser @ $12./hr.

DATES WORK PERFORMED: Feb. 13 - Mar. 29/95
July 17 - Aug. 4/95
Sept. 4 - Oct. 28/95
Dec. 3 - Dec. 16/95

Appendix III



EMERALD ISLE RESOURCES INC.-
STRALAK RESOURCES INC.
JOINT VENTURE
STREET TOWNSHIP PROPERTY

Location Sketch For
D.D.Holes E/S 95-01 to -04
(Claim #1043381 & 1043382)

Scale - 1 : 5,000
0 100m
0 200Ft

FHT
Feb/95

Emerald Isle Resources - Stralak Resources Joint Venture

D.D.H. LEGEND

GRENVILLE STRUCTURAL PROVINCE

STREET TOWNSHIP
(Claims 1040021 & 1040032)

Rock units where applicable

1 a - Granitic pegmatite dyke
  b - Pegmatitic veins &/or lenses
  c - Quartz veins &/or lenses

2 a - Garnet-plagioclase-quartz gneiss ⎤
  b - Garnet-biotite-plagioclase-quartz gneiss ⎥ GARNET UNIT
  c - Garnet-muscovite-plagioclase-quartz gneiss ⎦

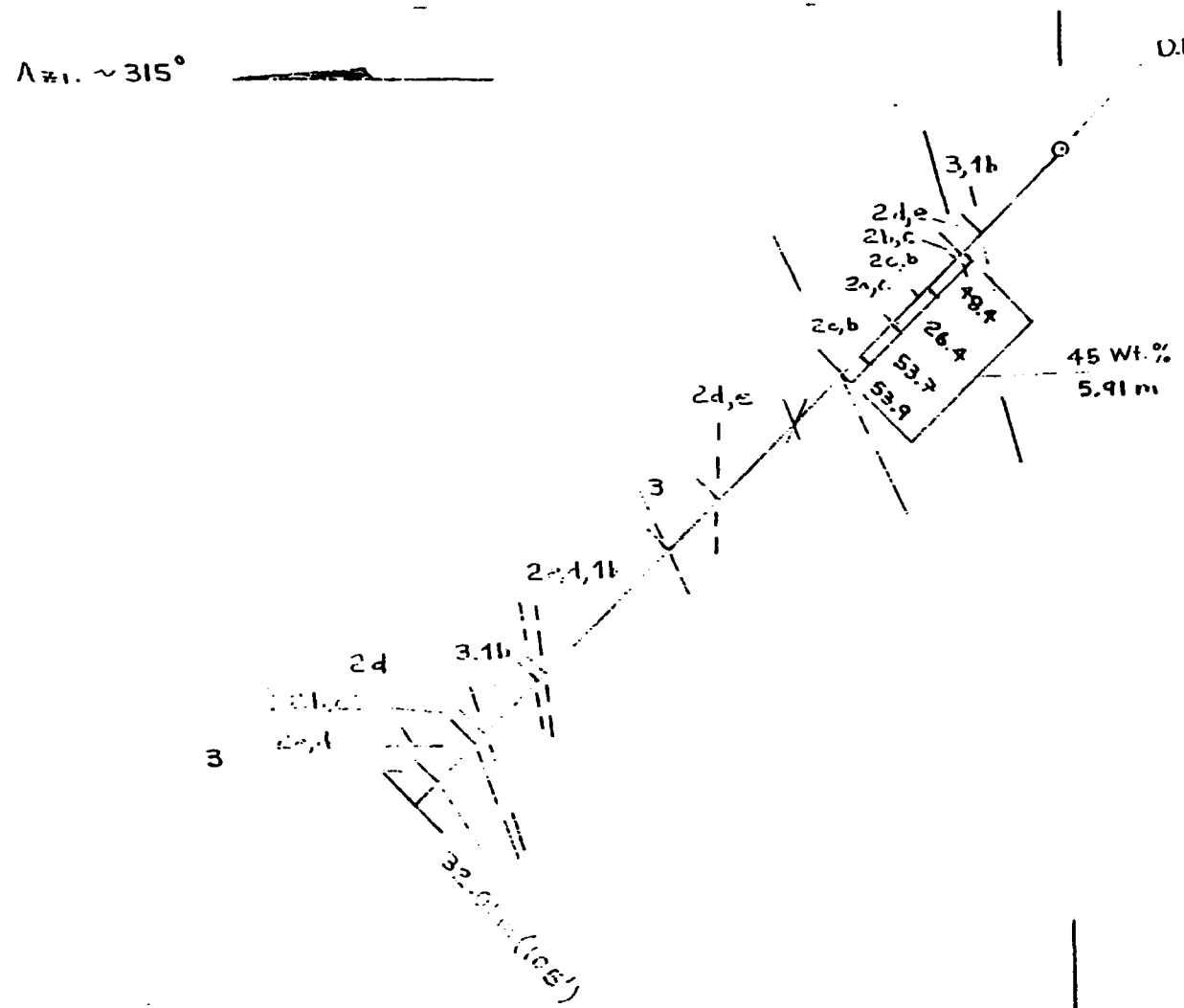
  d - Muscovite-plagioclase-quartz gneiss/schist ⎤ FELSIC
  e - Biotite-plagioclase-quartz gneiss/schist ⎦ GNEISS

3 - Quartz-plagioclase-hornblende+/-biotite+/-garnet gneiss - MAFIC GNEISS

Main Garnet Unit Contact
(relative to core axis &
core foliations)

Other contacts
(relative to core axis)

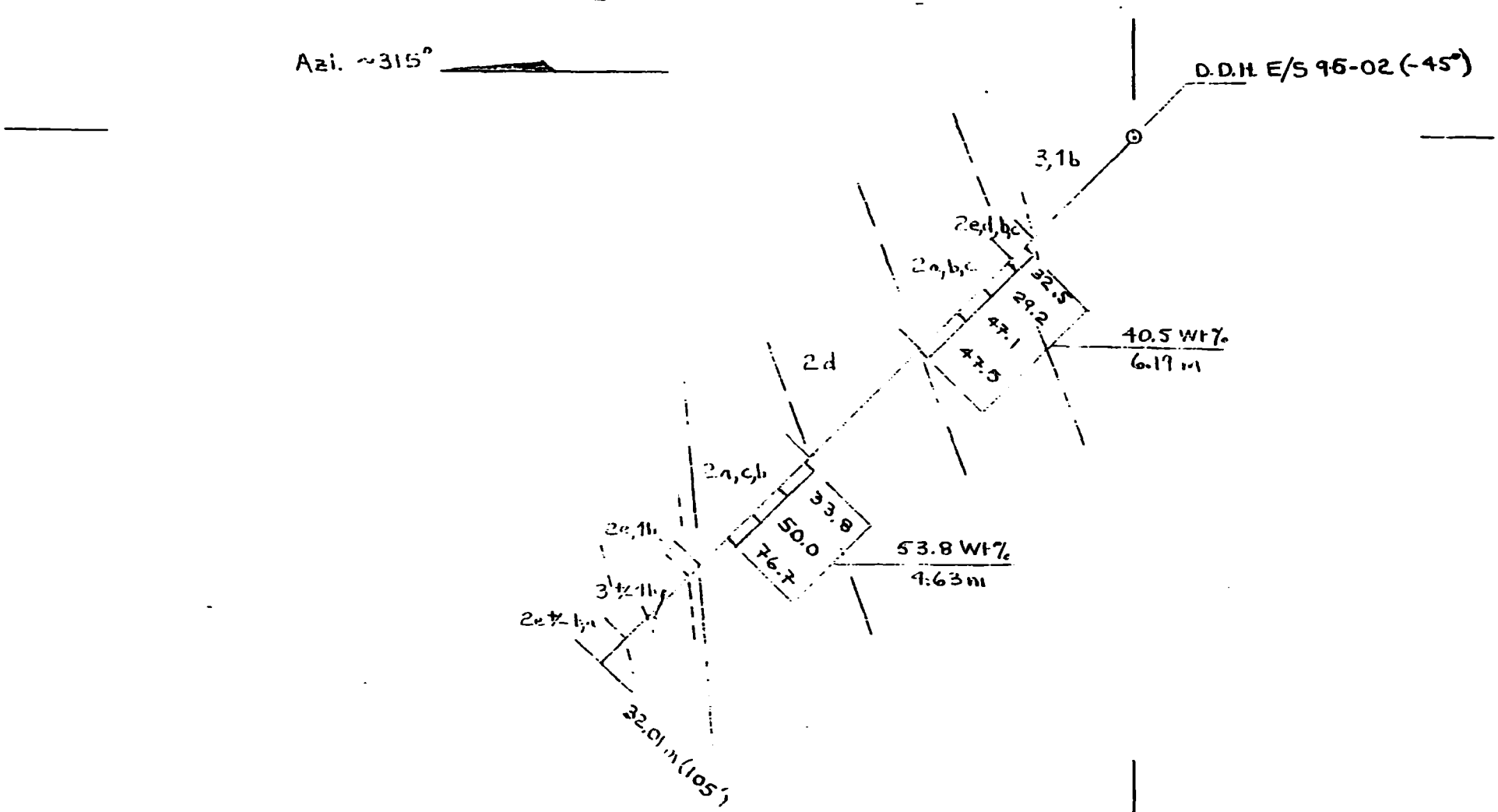
Other structures
(relative to C.A.)



EMERALD ISLE RESOURCES-
STRALAK RESOURCES
STREET TOWNSHIP PROPERTY

Section Through Diamond
Drill Hole E/S 95-01

Scale - 1 : 250
0 5m
FHI Feb/95



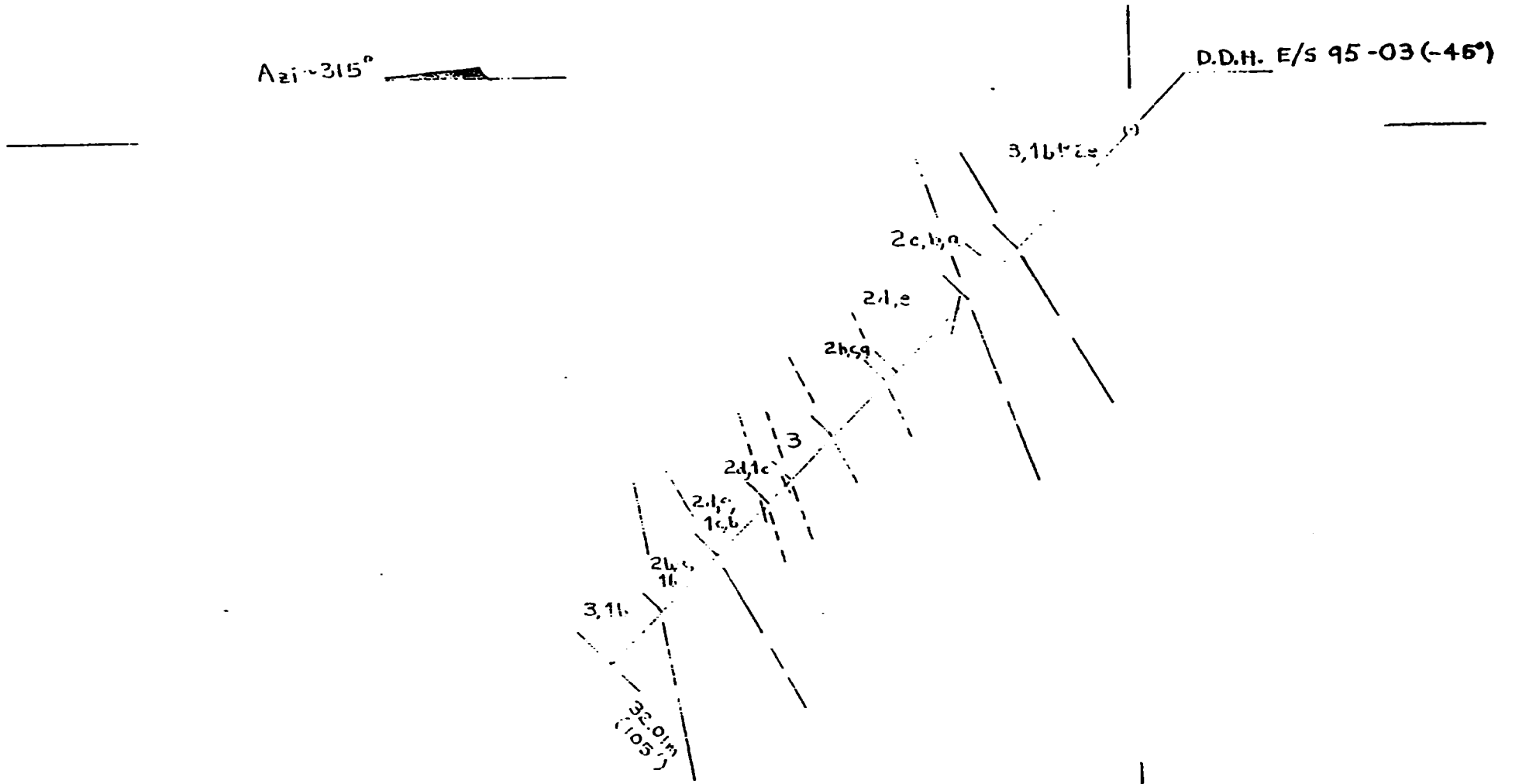
EMERALD ISLE RESOURCES-
STRALAK RESOURCES
STREET TOWNSHIP PROPERTY

Section Through Diamond
Drill Hole E/S 95-02

Scale - 1 : 250

0 5m

FHT Feb/95



EMERALD ISLE RESOURCES-
STRALAK RESOURCES
STREET TOWNSHIP PROPERTY

Section Through Diamond
Drill Hole E/S 95-03

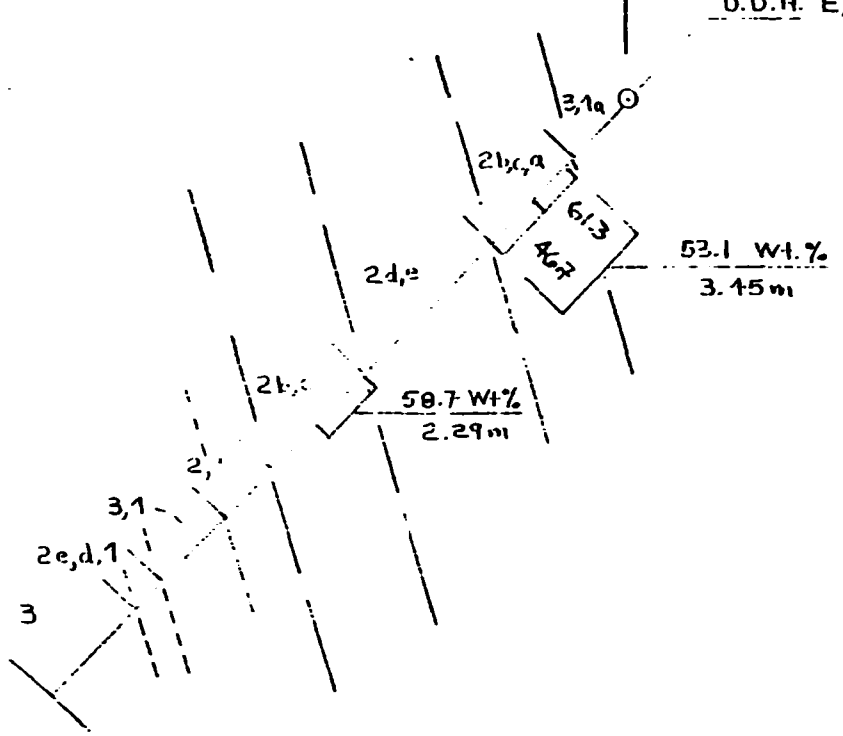
Scale - 1 : 250

0 5m

FHT Feb/95

Azi. ~315°

D.D.H. E/S 95-04 (-45°)



EMERALD ISLE RESOURCES-
STRALAK RESOURCES
STREET TOWNSHIP PROPERTY

Section Through Diamond
Drill Hole E/S 95-04

Scale - 1 : 250

0 5m

FHT Feb/95

Appendix IV

Garnet - Street Township - Sudbury Mining Division

PHYSICAL CHARACTERISTICS AND CHEMICAL COMPOSITION

DESCRIPTION: ALMANDINE GARNET is a chemically inert, non-metallic mineral that is common in the natural environment. The mineral has a low calcium oxide and a high specific gravity. Due to its extreme hardness and high structural tenacity, almandine garnet is excellent for abrasive applications. Garnet is also an exceptional filtration media considering its' high specific gravity and its' chemical and abrasion resistance.

TYPICAL CHEMICAL ANALYSIS:

Ferric Oxide	(Fe_2O_3)	38.140 %	
Calcium Oxide	(CaO)	2.560	
Magnesium Oxide	(MgO)	2.530	
Titanium Dioxide	(TiO_2)	2.030	
Potassium Oxide	(K_2O)	0.024	
Silicon Dioxide	(SiO_2)	35.170	(non-crystalline)
Aluminum Oxide	(Al_2O_3)	18.910	
Sodium Oxide	(Na_2O)	0.030	
Manganese Oxide	(MnO)	0.500	
Zirconium Oxide	(ZrO_2)	0.026	
Phosphorus	(P_2O_5)	0.057	

HARDNESS:	Average 8.3 on the Mohs Scale
MICROHARDNESS:	Average 1631 on the KNOOP Scale
SPECIFIC GRAVITY:	4.0
CRYSTAL SYSTEM:	Cubic
GRAIN SHAPE:	(crushed) sharp, angular grains
DURABILITY:	Excellent
COLOR:	Pink to Dark Red
SUSCEPTIBILITY TO ACID:	None (inert)
ACID SOLUBILITY:	Less than 0.5%
WATER SOLUBILITY:	Insoluble under standard conditions (20°C, distilled water)
MELTING POINT:	1,315°C
MAGNETISM:	Very slight
PATHOLOGICAL EFFECTS:	None

HOUSTON
LOS ANGELES

KTA

PITTSBURGH

(412) 788-1300
FAX (412) 788-1306

KTA-TATOR, INC.
115 Technology Drive, Pittsburgh, PA 15275

PROTECTIVE COATINGS (PAINT) CONSULTANTS Testing • Instruments • Inspection • Analytical Laboratory

March 24, 1995

Mr. Edward J. Blanchard
Stralak Resources, Inc.
106 Fielding Road
Lively, ONT P3Y1L5
Fax #705-682-2447

SUBJECT: **Testing of Abrasive**

Dear Mr. Blanchard:

In accordance with your letter of December 12, 1994, and various telephone conversations, KTA-Tator, Inc. has had a sample of abrasive tested for hardness, and for metallic oxides.

The hardness testing was subcontracted to Professional Service Industries, Inc. of Pittsburgh, PA, while the elemental analysis was subcontracted to Spectrochemical Laboratories, Inc. of Pittsburgh, PA.

The results are appended. Briefly, the abrasive had a hardness of approximately 8.3 mohs, with major oxides consisting of iron oxide, silicon oxide, and aluminum oxide.

Should you have any further questions or comments, please do not hesitate to contact this office.

Very truly yours,

KTA-TATOR, INC.

Dwight G. Weldon

DGW:rk

JN L6125

pc: Mark Jewell
Fax #416-242-9888

Professional Service Industries, Inc.

File #825-56044
Laboratory #MAT50061
February 15, 1995

Report Of: Microhardness Evaluation Of Submitted Abrasive Sample

Report To: KTA-Tator, Inc.
115 Technology Drive
Pittsburgh, PA 15275

History

Our client submitted one abrasive sample and instructed PSI to conduct a microhardness survey and to convert the Knoop Hardness Number to Moh's scale.

Microhardness

Three sites on each of five particles were tested for Knoop Hardness Number (KHN) with a 100 gram load. The results are presented in the attached table.

Prepared By:

Matthew H. Ferry
Materials Engineer

Respectfully Submitted:

Anthony B. Freda, Manager
Materials Engineering Department

MHF/mhf
Attachments
Distribution: 1 - Client

NOTE: Please indicate the disposition of your sample(s) by registered letter to this laboratory within 30 days of the date of this report. If you choose to have PSI store your samples, there will be an additional monthly storage fee for the duration of the storage period. If you choose to have your samples returned, there will be an additional charge to cover shipping and handling costs. If you do not respond by registered letter within 30 days, your samples will be disposed of. Thank you for your cooperation in this matter.

File #825-56044
Laboratory #MAT50061
February 15, 1995

Particle	Site	KHN	Average for particle
1	1	1390	
	2	1433	1443
	3	1507	
2	1	1560	
	2	1684	1544
	3	1387	
3	1	1817	
	2	1796	1769
	3	1693	
4	1	1515	
	2	1681	1587
	3	1566	
5	1	1802	
	2	1907	1813
	3	1729	

Average of five particles: 1631 KHN
Approximate hardness in Moh's: 8.3 (by conversion)

Spectrochemical Laboratories, Inc.

Telephone: 412-371-2345
FAX: 412-371-0468

8350 FRANKSTOWN AVENUE
PITTSBURGH, PA. 15221

February 15, 1995
Sample recd. 2-7-95
Your PO# 95-P0062
Our Lab #D7598

KTA-TATOR, Inc.
115 Technology Drive
Pittsburgh, PA 15275

Attn: Mr. Dwight Welden

ANALYSIS REPORT

RESULTS IN WEIGHT %

Sample ID: Abrasive

H_2O **(As Received Basis)**	.05
Ignition Gain **(On Dry Basis)**	1.99

ON CALCINED BASIS IN WEIGHT %

Fe_2O_3	38.14
CaO	2.56
MgO	2.53
TiO_2	2.03
K_2O	.024
SiO_2	35.17
Al_2O_3	18.91
Na_2O	.03
MnO	.50
ZrO_2	.026
P_2O_5	.057

SPECTROCHEMICAL LABORATORIES, Inc.

T. L. Fulton

T. L. Fulton

** TOTAL PAGE.001 **

PSI Environmental Geotechnical Construction
Consulting • Engineering • Testing

File #825-56229
Laboratory #MAT50424
August 29, 1995

Report Of: Microhardness Of Submitted Garnet Sample

Report To:

106 Fielding Road
Lively, Ontario
Canada, P3Y 1L5

Attention: Mark Jewell

Introduction

EcoSource Garnet, Ltd. submitted one sample of garnet abrasive and instructed PSI to conduct a microhardness analysis.

Microhardness

Several particles of the abrasive were mounted, ground, and polished using standard metallographic techniques. A knoop microhardness indenter with a load of 100gf was used to indent three randomly chosen test particles per ASTM E384. The results are given below.

Site	Knoop Microhardness	Average Knoop Microhardness
1	1692	
2	1581	1618
3	1581	

Prepared By:

Matthew H. Perry
Materials Engineer

Respectfully Submitted:

Anthony B. Freda, Manager
Materials Engineering Department

MHF/mhf
Distribution: 1 - Client

NOTE: Please indicate the disposition of your sample(s) by registered letter to the author of this report within 30 days of the date of this report. If you choose to have PSI store your samples, there will be an additional monthly storage fee for the duration of the storage period. If you choose to have your samples returned, there will be an additional charge to cover shipping and handling costs. If you do not respond by registered letter within 30 days, your samples will be disposed of. Thank you for your cooperation in this matter.

PSI Environmental Geotechnical Construction
Consulting • Engineering • Testing

File #825-56229
Laboratory #MAT50605
November 16, 1995

Report Of: Microhardness Evaluation Of Three Garnet Samples

Report To:

106 Fielding Road
Lively, Ontario
Canada, P3Y 1L5

Attention: Mark A. Jewell

Microhardness

EcoSource Garnet submitted three samples of garnet, identified Barton HP80, EC80, and RTX80, and instructed PSI to conduct microhardness evaluations. Several particles of each sample were mounted and polished using standard metallographic techniques. Five particles of each sample, chosen at random, were tested using a Knoop indenter with a load of 100 gf. Results are tabulated below.

Particle	Barton HP80	EC80	RTX80
1	1583	1700	1784
2	1714	1719	1830
3	1852	1693	1756
4	1490	1825	1893
5	1535	1874	1566
Average	1635	1762	1766

Prepared By:

Matthew H. Ferry
Materials Engineer

Respectfully Submitted:

Anthony B. Freda, Manager
Materials Engineering Department

MHF/dla
Distribution: 1 - Client

NOTE: Please indicate the disposition of your sample(s) by registered letter to the author of this report within 30 days of the date of this report. If you choose to have PSI store your samples, there will be an additional monthly storage fee for the duration of the storage period payable in six month increments (in advance) at a rate of $100.00 per month. If you choose to have your samples returned, there will be an additional charge to cover shipping and handling costs. If you do not respond by registered letter within 30 days, your samples will be disposed of. Thank you for your cooperation in this matter.

LAKEFIELD RESEARCH
A Division of Falconbridge Limited
P.O. Box 4300, 185 Concession St., Lakefield, Ontario, K0L 2H0
Phone : 705-652-2038 - FAX : 705-652-8441

Stralak Resources Inc.
06 Fielding Road
Lively, Ontario, P3Y 1L5 - Canada

Attn : Andy Dahmen

Lakefield, June 29, 1995

Date Rec. : June 19, 1995
LR. Ref. : JUN9139.R95
Reference : N/A
Project : LR 9550097

CERTIFICATE OF ANALYSIS

Element	Garnet Sample
Cd [%]	< 0.0002
Cr [%]	0.014
Cu [%]	0.0057
Ni [%]	0.0027
Pb [%]	< 0.001
Zn [%]	0.012
As [%]	0.0011
Se [%]	< 0.0003
Hg [%]	< 0.00003

Russ Calow

ADDENDUM

The diamond drill core from the four drill holes numbered E/S 95-01 to -04 inclusive was stored at Erana Mines, Fielding Road. Lively. Sections of the sampled core were crushed and the weight percent garnet determined from a concentrate.

Diamond Drill Record

Hole No. E/S 95-01

Company	Collar Elevation	Bearing of hole from true North	Total Footage	Map Reference No.	Claim No.
EMERALD ISLE RESOURCES INC. / STRALAK RESOURCES INC. JOINT VENTURE		Azi. ~315°	105' (32.01m)	Claim Plan G-4109	1043381

Date Hole Started	Date Completed	Dip of Hole	Logged by	Location
FEB. 16/95	FEB. 16/95	-45°	FRANK H. TOEWS, B.Sc.	STREET TWP. 70' S.W. of E/S 94-02 or 250' (76.2m) S. & 50' (15.2m) W. of Post #1 - 1043381
		Core size NQ		

Drilling Company Erana Hines Ltd., Lively, Ontario

Core was crushed for testing purposes

Feet FROM	Feet TO	DESCRIPTION
0	13.2'	MAFIC GNEISS +/- INTERMEDIATE GNEISS/SCHIST +/- GARNET +/- PEGMATITIC VEINS
(0m)	(4.02m)	Mafic gneiss is dark grey to greenish grey, moderately soft, medium grained, more massive to foliated @ 60-80° to Core Axis (C.A.), composed of 60-80% black to greenish hornblende (+/- biotite), <20-30% grey-white feldspar grains and lenses parallel to foliation, and <1-10% rounded to clotty, reddish garnets, 1-5+ mm in size (average 3% +/-, ≤3 mm size); mafic gneiss contains 2-3% grey-white, pegmatitic veining, 0.1-2 cm wide, uniform to ragged, (parallel to, and cross-cutting foliation) @ 60-75° to 20-25° to C.A.; pegmatitic veining composed of medium to coarse grained feldspar + quartz +/- amphibole +/- red garnets and occasionally Pyrite blebs; occasional red feldspar alteration, a few limonitic fractures @ 20-35° to C.A. cross-cut foliation and several also parallel to foliation.
0	0.8	Lost or ground core; hole collared in bedrock
4.5	5.8	Intermediate gneiss/schist; medium grey, coarse grained to medium grained with ~50-60% grey-white feldspar (+ quartz), 35-50% black to greenish hornblende + brownish biotite, and ~3% rounded to clotty red garnets, 0.2-1 cm in size (average 0.5 cm +/-); contacts in broken core; foliation @ 55° to 20° to C.A.

RECEIVED JUN 4 - 1996 MINING LANDS BRANCH

2.16587

COPY

Diamond Drill Record

HOLE No. E/S 95-01

Feet FROM	Feet TO	DESCRIPTION
13.2		Contact @ 50-60° to C.A. parallel to foliation; pegmatitic vein (1 cm) at contact
13.2	16.4	INTERMEDIATE GNEISS (MUSCOVITIC-BIOTITIC) +/- GARNET
(4.02m)	(5.0m)	Medium grey, medium to coarser grained, hard to locally moderately soft (more micaceous); 40-70% grey-white feldspar-quartz, 20-60% muscovite or/and biotite, < ½% to occasionally, locally 10% rounded, red garnets 0.1-1 cm in size (mainly < ½-1%, 0.2 cm size); foliation @ 50-70° to C.A.; a few grey-white pegmatitic veins up to 2 cm wide parallel to sub-parallel to foliation.
15.8	16.3	Dark, biotite-rich with ~10% garnet 0.1-1 cm size
16.4		Contact @ ~60° to C.A. parallel to foliation
16.4	35.4	"SILICEOUS" GARNETIFEROUS UNIT (MUSCOVITIC) + QUARTZ VEIN
(5.0m)	(10.79m)	Variable; silvery-grey (muscovite-rich) to reddish greys, coarse grained with a medium grained section; darker, more biotitic near margins of zone; gneissic to schistose to more massive with foliations mainly 60-75° to C.A.; rocks hard to soft; < 10% to 60% (averaging ~30%), rounded to sub-hedral to clotty or patchy red to somewhat purplish garnets, set in a matrix of coarse grained muscovite (+/- biotite) and some feldspar in the coarse grained sections where muscovite

Diamond Drill Record

HOLE No. E/S 95-01

Feet FROM	Feet TO	DESCRIPTION
	ctd.	predominates in the matrix and where garnets vary from 0.2-2cm in size (average 1 cm +/-)
16.4	17.2	Medium to coarse grained, biotitic to muscovitic, with 5% garnets (0.2-0.5cm). foliation @ 55-60° to CA.
17.2	23.4	Coarse grained, muscovite-rich (+/- biotite) with 20-60% garnets (average 35-40%) 0.2-2cm in size (average 1cm) plus clots or patches up to several cm., rocks foliated to more massive; several rusty fractures parallel to foliation @65° 20.0-20.4' - milky to grey quartz vein @ 50-55° to C.A. parallel to foliation
23.4	27.5	Medium grained, harder, reddish grey, with contacts @ 65° and 50° to C.A., with 5 to 50% (average 20-25%) reddish garnets 0.1-0.5cm (average 0.2 cm) in size (sometimes patchy and sometimes weakly banded parallel to foliation); garnets set in a matrix of feldspar (+/- quartz) and 20% +/- muscovite (+/- biotite); minor Pyrite grains visible; foliation @~60° to C.A; several rusty fractures parallel to foliation and one cross-cutting @ 35° to C.A. near 27'

Diamond Drill Record

HOLE No. E/S 95-01

Feet FROM	Feet TO	DESCRIPTION
27.5	35.4	Similar to section from 17.2'-23.4'; generally muscovite-rich matrix with 15-35% garnets (average ~25%) 0.1-2cm in size (average 1cm +/-) plus some clots and patches; scattered rusty fractures (more or less parallel to foliation) @ 65-75° to C.A. and one cross-cutting @ 55° to C.A. near 34', Some biotite towards contact at 35.4' and which is @ ~65-70° to C.A.
35.4	55.6	MUSCOVITIC +/- BIOTITIC FELSIC GNEISS/SCHIST (+/-GARNET +/-CHLORITE)
(10.79m)	(16.95m)	Medium greys to light greys, medium grained, soft to moderately soft to locally hard; foliation mainly 60-70° to C.A.; 25-50% muscovite, 50-75% feldspar +/-quartz upper parts garnetiferous; bleached parts from ~40.6-43' +/-
35.4	40.1	Medium grey, muscovitic, with 5% reddish, rounded garnets 0.2-0.5cm in size (average 0.3cm); foliation @ 65-70° to C.A.
40.1	40.3	Dark grey, biotitic, with ~10% reddish, rounded garnets 0.5-1cm in size, some may be chloritized in part
40.3	45.6 +/-	Lighter greys, with scattered short sections with up to 10% grey-greenish grey, soft rounded, chloritized garnets 0.2-1cm in size. 40.6-42' - rusty fracture @ ~10° to C.A.

Diamond Drill Record

HOLE No. E/S 95-01

Feet FROM	Feet TO	DESCRIPTION
		42.5 - 43.2' - six rusty fractures (parallel to sub-parallel to foliation) @ 60-70°, 45° and one @ 20° to C.A.
53.9	55.6	Medium to light greys, biotitic, siliceous, some banding @ 65° decreasing to 40-45° to C.A. at contact with mafic gneiss
55.6 (16.95m)	63.8 (19.45m)	MAFIC GNEISS (GARNETIFEROUS) Similar to section from 0-13.2'; foliated to massive; 3% to locally 10% (avg. <5%) rounded, red garnets, 0.1 - 1cm size.
55.6	60	Coarse grained, biotite-rich; foliation @ 45-55° to C.A.
		62.5' - 63.5' - Foliation @ 60-70° to C.A.
		63.8' - contact @ 70° to C.A parallel to foliation
63.8 (19.45m)	83.8 (25.55m)	BIOTITIC AND MUSCOVITIC FELSIC - INTERMEDIATE GNEISS (+/- GARNET) +/- PEGMATITE Variable, light to medium greys, medium grained, hard to moderately soft, biotitic to muscovitic, foliated to sometimes banded @ 60-70° to C.A.; Trace to locally 10%, rounded to clotty, pale reddish garnets, 0.1 - 0.3cm in size Several grey-white, granitic pegmatite - pegmatitic veins often with some pink to reddish feldspar alteration, < 1cm to 0.2' wide; some pyrite or

Diamond Drill Record

HOLE No. E/S 95-01

Feet FROM	Feet TO	DESCRIPTION
	ctd.	carbonate films along foliation planes; occasional rusty fracture
63.8	66.0	Biotitic, felsic to intermediate gneiss, light to dark greys, foliated to more massive; foliation parallel to mafic gneiss contact and muscovitic gneiss/schist @ ~70° to C.A.; 10-30% biotite, in felsic matrix
66.0	68.1	Muscovitic, medium grey, felsic gneiss +/- pegmatite veining; 20% +/- muscovite in grey, felsic matrix +/- pinkish feldspar alteration, foliation @ 60-70° to C.A. 66.1-66.5' - 35% pegmatite veining (parts folded) +/- biotite +/- pink to reddish feldspar alteration 68' - reddish pegmatitic vein parallel to foliation with bleached quartz-feldspar gneiss band < 2cm wide below @ 65° to C.A. 68.1' - rusty fracture on contact @ 65° to C.A.
68.1	70.1	Dark grey to lighter greenish grey, intermediate, biotitic gneiss with < 10% rounded, reddish garnets, ≤ 0.3 cm in size, becoming dark grey, chloritized, rounded to elongate to lensoid and 1 cm+ long, parallel to foliation in lighter greenish, epidotized matrix from 69-70.1'; foliation @ 65° to 45° to C.A.
70.1	70.6	Light grey to pinkish, felsic, biotitic gneiss; foliation @ 45-55° to C.A., cross-cut

Diamond Drill Record

HOLE No. E/S 95-01

Feet FROM	Feet TO	DESCRIPTION
		by a few pinkish feldspar veinlets @ 65° to C.A.
70.6	81.4	Muscovitic, felsic gneiss similar to 66-68.1' section; some pink pegmatitic veinlets/lenses in upper part; foliation @ 60-70° to C.A.
		71.6-80' - <2-5% rounded-anhedral, reddish garnets 0.1-0.3 cm. in size
		81.4' - contact @ 65° to C.A., parallel to foliation
81.4	83.7	Biotitic, light to dark grey, partly banded, felsic gneiss, foliation @ 45-60° to C.A.; pegmatite on contact more or less parallel to foliation
83.8	84.8	MAFIC GNEISS (GARNETIFEROUS) + PEGMATITE VEINS
(25.55m)	(25.85m)	Mafic gneiss is amphibole-rich, but biotitic between two pegmatite (grey to pink) veins 0.1-0.2' wide down to 84.4'; mafic gneiss contains 3-10% red garnets as grains, clots and patches, 0.1 to several cm. in size
		84.8' - contact @ 55° to C.A. parallel to foliation (in 0.5' zone of biotitic felsic gneiss below contact).
84.8	93.5	MUSCOVITIC FELSIC GNEISS (+/- GARNET)
(25.85m)	(28.51m)	Similar to 70.6-81.4'; <1-2% reddish garnets; foliation mainly @ 60-70° to C.A.
		same banding 94.5' - contact @ ~60° to C.A.

Diamond Drill Record

HOLE No. E/S 95-01

Feet FROM	Feet TO	DESCRIPTION
93.5	95.3	GARNETIFEROUS UNIT ? (+/- CHLORITE)
(28.51m)	(29.05m)	Medium to lighter greys, medium to coarse grained, with <5-15% garnets set in a matrix of muscovite +/or biotite and grey feldspar (+quartz); garnets are often variably altered, pale greyish to greenish-grey (chloritized) to reddish, 0.2-1cm+ in size, rounded to sub-hedral to patchy, some with inclusions; several grey to pinkish pegmatitic veinlets in zone, and possibly some light grey Kyanite? blades present near 95'
		Contacts @ ~60-70° to CA, parallel to foliation
95.3	101.3	MUSCOVITIC FELSIC GNEISS (+/- BIOTITE +/- GARNET)
(29.05m)	(30.88m)	Similar to 84.8-93.5' section; <1 to locally 10-15% reddish garnets, 0.1-0.3cm in size; average < 5% garnet; foliation +/- banding @ 65-70° to CA.
		101.3' - contact @ 75-80° to CA., parallel to foliation
101.3	105	MAFIC GNEISS (+/- BIOTITE) - GARNETIFEROUS
(30.88m)	(32.01m)	Similar to 0-13.2'; 2-5% red garnets, 0.1-1cm size
	105	END OF HOLE
	(32.01m)	

Frank H. Toews, B.Sc.

Frank H. Toews

Geologist

Diamond Drill Record

STREET TWP.

HOLE No. E/S 95-01

RESULTS IN DRY WT. % OF GARNET CONCENTRATE	SAMPLE				ASSAYS						
	FROM	TO	WIDTH	No.	Wt%	Avg.					
	16.0' (4.88m)	22.4' (6.83m)	6.4' (1.95m)	18724	48.4						
	22.4'	27.4' (8.35m)	5.0' (1.52m)	18725	26.4						
	27.4'	32.4' (9.88m)	5.0' (1.52m)	18726	53.7						
	32.4	35.4' (10.79m)	3.0' (0.91m)	18727	53.9						
WEIGHTED AVERAGE:	4.88m	10.79m	5.91m	——	—	45%					

Diamond Drill Record

Hole No. E/S 95-02

Company: EMERALD ISLE RESOURCES INC./ STRALAK RESOURCES INC. JOINT VENTURE	Collar Elevation	Bearing of hole from true North: Azi ~315°	Total Footage: 105' (32.01m)	Map Reference No.: Claim Map G-4109	Claim No.: 1043381
Date Hole Started: FEB. 17/95	Date Completed: FEB. 20/95	Dip of Hole: -45°	Logged by: FRANK H. TOEWS, B.Sc.	Location: STREET TWP. ~200' S. (61m) of Post #1-1043381	
Drilling Company: Erana Mines Ltd., Lively, Ontario		Core size: NQ			

Feet FROM	Feet TO	DESCRIPTION (core was crushed for testing purposes)
0	19.7	MAFIC GNEISS (+/- GARNET) +/- PEGMATITIC VEINING
(0m)	(6.01m)	Dark grey - greenish grey, mainly medium grained, foliated to more massive with generally 2-5% grey-white feldspar-quartz veining (0.2-2cm wide) parallel to foliation @ 55-60° to C.A. (and most are probably related to pegmatite); 50-75% hornblende (+/- biotite), 25-50% grey-white feldspars, <1-5% rounded to anhedral to clotty red garnet, 0.1-1 cm in size; a few fractures @ 20-30° to C.A.
		0-5' - about 1' lost core
~8	8.4	Coarse-grained, grey-white, granitic pegmatite vein with irregular contacts and some wall rock inclusions; contacts @ ~30-50° to C.A. with some offshoot veinlets
13.4	15.6	Approximately 15% pegmatitic veinlets, rags and patches; irregular to more uniform; some epidote present near 14'
	19.7	Contact @ ~55-60° to C.A. parallel to foliation
19.7	24+/-	FELSIC GNEISS (BIOTITIC TO MUSCOVITIC) WITH GARNETIFEROUS BANDS
(6.01m)	(7.32m)	Transitional into down-hole, garnetiferous unit.
		Light to medium to darker greys; medium to coarse grained; foliated @ 55-70° to CA.

2.16587

Diamond Drill Record

HOLE No. E/S 95-02

Feet FROM	Feet TO	DESCRIPTION
	ctd.	biotitic to muscovitic, hard to soft, some pegmatitic veinlets parallel to foliation; occasional garnets to about 22'
21.8	22.5	~10% rounded to subhedral, red garnets, 0.1-1 cm in size, in a dark biotitic matrix
22.5	24	Muscovitic to biotitic with 2-10% red garnets similar to above 24' - Contact with siliceous pegmatitic band @ 65-70° to CA., ~3 cm wide
24	41.8	"SILICEOUS" GARNETIFEROUS UNIT
(7.32m)	(12.74m)	Mainly coarse grained, with a medium grained unit enclosed between 26.7-30.3' Rocks are reddish greys mainly, variably hard to moderately soft (more micaceous) with <10% to 50% rounded to sub-hedral to patchy to clotty, reddish to purplish garnets 0.1-2 cm in size (average ~25%+, 0.5-1 cm size) set in a variable matrix of feldspar +/- quartz (<5-25%) & muscovite +/- biotite (25-50%+), which varies from more massive to gneissic to schistose; marginal areas of zone are more biotitic; foliations @ ~60-70° to C.A.; occasional fracture @ 40° and 25° to C.A.
24	26.7	More patchy to banded siliceous, coarse grained, locally biotitic; 25-40% garnet
26.7	30.3	Mainly medium grained, muscovitic, siliceous, 5-20% garnet

Diamond Drill Record

HOLE No. E/S 95-02

Feet FROM	Feet TO	DESCRIPTION
30.3	39 +/-	Coarse grained mainly; more muscovitic (+/- biotite), 20-50% garnet
39	41.8	Coarse grained; more biotitic; 20-30% garnet
		41.8' - contact @ ~65° to C.A. parallel to foliation
41.8	63.5'	FELSIC GNEISS/SCHIST (MUSCOVITIC, GARNETIFEROUS +/- CHLORITE)
(12.74m)	(19.36m)	Medium to light greys; medium to locally coarser grained, gneissic to schistose foliated @ 60-70° to C.A.; some weak banding; moderately hard to moderately soft; 2-5% (locally ≤ 15%) reddish, rounded to ovoid to lensoid to clotty garnets 0.1 to < 1 cm in size (average 0.3-0.5 cm) set in a matrix of feldspar and muscovite (~50:50 ratio); some scattered pegmatitic veinlets present; occasional pinkish feldspar alteration; occasional biotite
~59	63.5	Garnets altered to chlorite (greenish grey, soft) in a lighter grey, more siliceous matrix; several rusty fractures @ 35-40°, 10-15° to C.A. (+/- rusty foliation planes) from 60.5'
63.5	85.7	"SILICEOUS" GARNETIFEROUS UNIT (SECTIONS WITH CHLORITIZED GARNETS)
(19.36m)	(26.13m)	Medium to lighter greenish greys to reddish greys; coarse grained; more massive to foliated; 15-50% (average ~35-40%) dark greenish grey (soft, chloritized) to reddish-purplish, rounded to subhedral to clotty to patchy garnets, 0.2-2 cm in size (average 1 cm+)

Diamond Drill Record

HOLE No. E/S 95-02

Feet FROM	TO	DESCRIPTION
	ctd.	set in a variable, more siliceous (feldspar-quartz) to more micaceous (muscovitic)
		matrix, which becomes foliated near and below ~80' @ 60-50° to C.A.; 20-60% mica
		occasional Pyrite films visible in foliation planes
63.5	65.1	Foliated to massive with ~25% chloritized garnets
65.1	69.2	~35% red garnets becoming slightly greenish below 68.6'
69.2	70	~40% dark greenish-grey, chloritized garnets
		69.7' - 4cm wide zone of milky quartz - creamy carbonate(?) veining @ ~80° to CA.
70	80.2	~35-40% red garnets (locally chloritized over <0.2' near 74.8')
		some pinkish to reddish feldspar alteration between ~72' to 75.6'
80.2	85.7	Foliated @ 60° to 50° to C.A.; ~10-30% chloritized garnets; sections with
		sericitic &/or epidote(?) alteration [+ shears] below 81'; some garnets are ovoid to lensoid
		85-85.7' - garnets become more reddish down-hole and some biotite develops
		85.7' - contact @ 50° to C.A.
85.7	87.6	GARNETIFEROUS, BIOTITIC INTERMEDIATE TO FELSIC GNEISS + PEGMATITE VEINING
(26.13m)	(26.71m)	Dark to light greys, coarse to medium grained; foliated @ 45-50° to C.A. plus
		banding of biotite (+garnet)-rich and biotite-poor bands; 5-15% rounded red

Diamond Drill Record

HOLE No. E/S 95-02

Feet FROM	Feet TO	DESCRIPTION
	ctd.	garnets, 0.1-1.5cm in size
		85.6-86.3' - 15-20% pegmatitic veining up to 0.1' wide, parallel to foliation in biotite-rich band; some chlorite alteration near up-hole contact of larger pegmatite vein; some pinkish feldspar alteration in pegmatite
		87.6' - contact @ 50° to C.A. (parallel to foliation) with mafic gneiss
87.6 (26.71m)	99.8 (30.43m)	MAFIC GNEISS (GARNETIFEROUS) + PEGMATITIC VEINING
		Dark greenish greys; medium to locally coarser grained; more massive to weakly foliated; similar to unit from 0-19.7'; ~50-70% greenish black hornblende (+-biotite) with 20-30% grey white feldspars (+-quartz) some as rags or ragged blebs and veinlets, more or less parallel to foliation @ 15-60° to C.A.; <5-20% rounded to clotty, red garnets 0.1-1cm in size (average 10-15%, 0.3-0.5cm in size)
93.1	95.8	<10% grey-white pegmatitic veining ≤ 0.1' wide @ 20°, 65-75° to C.A., some with garnet
	99.8	Contact @ 60° to C.A., parallel to foliation

Diamond Drill Record

HOLE No. E/S 95-02

Feet FROM	Feet TO	DESCRIPTION
99.8	105	GARNETIFEROUS, BIOTITIC FELSIC GNEISS + BIOTITIC "SILICEOUS"(?) GARNETIFEROUS UNIT
(30.43m)	(32.01m)	Medium to lighter greys to reddish greys; fine to medium grained; hard to very hard; banded to weakly foliated; 10-20% biotite in quartzo-feldspathic matrix with <2-20% red, rounded to clotty garnets, 0.1-1cm in size (average <0.5cm, 10-15% garnet)
99.8	102.6	Banded; finer, to coarser grained ("siliceous" units?) 0.3-0.5' wide @ 60-70° to C.A. locally up to 20% garnets
102.6	104.8	Coarser grained, "siliceous" unit (?), 15-20% garnet
	105	END OF HOLE
	(32.01m)	

Frank H. Toews, B.Sc.
Frank H. Toews
Geologist

Diamond Drill Record

STREET TWP.

HOLE No. E/S 95-02

RESULTS IN DRY WT. % GARNET CONCENTRATE	SAMPLE				ASSAYS						
	FROM	TO	WIDTH	No.	Wt-%	Avg.					
	21.7' (6.61m)	25.0' (7.62m)	3.3' (1.01m)	18728	32.5						
	25.0'	30.0' (9.14m)	5.0' (1.52m)	18729	29.2						
	30.0'	35.0' (10.67m)	5.0' (1.52m)	18730	47.1						
	35.0'	42.0' (12.8m)	7.0' (2.13m)	18731	47.5						
WEIGHTED AVERAGE:	6.62m	12.8m	6.19m	———	—	40.5%					
	65.0' (19.8m)	70.0' (21.34m)	5.0' (1.52m)	18732	33.8						
	70.0'	75.0' (22.87m)	5.0' (1.52m)	18733	50.0						
	75.0'	80.2' (24.45m)	5.2' (1.59m)	18734	76.7						
WEIGHTED AVERAGE:	19.81m	24.45m	4.63m	———	—	53.8%					

Diamond Drill Record

Hole No. E/S 95-03

Company EMERALD ISLE RESOURCES INC./ STRALAK RESOURCES INC. JOINT VENTURE	Collar Elevation	Bearing of hole from true North Azi ~315°	Total Footage 105' (32.01m)	Map Reference No. Claim Map G-4109	Claim No. 1043381
Date Hole Started FEB. 20/95	Date Completed FEB. 21/95	Dip of Hole -45°	Logged by FRANK H. TOEWS, B.Sc.	Location STREET TWP. 130' (39.6m) S.W. of 94-01 or ~340' (103.7m) S. & 140' (42.7m) W. of Post #1-1043381	
Drilling Company Erana Mines Ltd., Lively, Ontario		Core size NQ			

Core was crushed for testing purposes

Feet FROM	TO	DESCRIPTION
0	23.3	MAFIC GNEISS (+/- GARNET) +/- FELSIC GNEISS BANDS +/- PEGMATITIC VEINING
(0 m)	(7.10 m)	Dark greenish grey; mainly medium grained; moderately foliated (@ 55-65° to C.A.) to more massive; 60-80% hornblende, 15-35% feldspars as grains, some rags and small veinlets; ~5-10% ranged to uniform, grey-white feldspar-quartz pegmatitic veining (<1cm to 0.2') and rags, mainly parallel to foliation; generally < 2% rounded to clotty, red garnets 0.2-1cm in size with a section containing 10-15% garnets; couple of sections more felsic (+/- biotite)
0	1.3	Lost core?
	12.5	Fold in felsic veinlet
17.4	17.8	Biotitic felsic gneiss + pegmatitic veining - core out of place?
18.7	20 +/-	More felsic hornblende gneiss with 10-15% pegmatitic and felsic veining; 2-5% garnets; foliation @ ~60° to C.A.
20	23.3	5-15% garnets, 0.2-1cm size, in weakly foliated gneiss; two pegmatite veins 0.1'-0.2' wide @ 65-70° from ~21.3' to 22.3' plus pegmatitic veinlets and patches
	23.3	Contact @ ~75° to C.A.

RECEIVED JUN 4 - 1996 MINING LANDS BRANCH

2.16587 COPY

Diamond Drill Record

HOLE No. E/S 95-03

Feet FROM	Feet TO	DESCRIPTION
23.3	33.2	"SILICEOUS" GARNETIFEROUS UNIT (MUSCOVITIC-BIOTITIC)
(7.10m)	(10.12m)	Variable; medium to lighter grays, sometimes silvery (more muscovitic) to reddish greys (more garnetiferous); coarse grained to medium grained; hard to soft; siliceous to more micaceous; gneissic to schistose to more massive; foliations @ 75° to 55° to C.A.; <5 to 35% reddish to purplish, rounded to subhedral to clotty garnets, 0.2-1.5cm in size (average ≤ 10%, 0.5cm +/-) set in a variable matrix of feldspar +/- quartz, biotite and muscovite; some Kyanite(?) blades present
23.3	24.1	More siliceous (80%); biotitic-muscovitic; 2% garnet
24.1	25.4	Muscovitic to biotite-rich; 5-10% garnets; some Kyanite(?) blades near 25.1'
25.4	27.5 +/-	More siliceous (80%); muscovitic-biotitic, 2% garnet; fracture @ 25° to C.A. near 26.5'; some Kyanite(?) blades in felsic vein near 27.3'
27.5	30.5	Muscovitic-biotitic, locally siliceous; 1-3% garnet; rusty fracture @ 10-15° to C.A. from 29.5-30.1'
30.5	31.6	Muscovitic-biotitic; 5-10% garnet, 0.2-1cm in size
31.6	33.2	Muscovitic-biotitic to locally more siliceous; coarser grained below 32'; 15-35% garnets (average 25-30%), 0.2-1.5cm in size
	33.2	Contact @ 15° to C.A. with locally garnet-rich, medium grained gneiss below

Diamond Drill Record

HOLE No. E/S 95-03

Feet FROM	Feet TO	DESCRIPTION
33.2	47.4	MUSCOVITIC (+/- BIOTITE) FELSIC GNEISS / SCHIST (+/- GARNET)
(10.12m)	(14.45m)	Medium greys (to locally reddish grey where more garnetiferous); medium grained; moderately soft to moderately hard; <1-5% reddish to sometimes purplish, 0.2-0.5cm, rounded to oval garnets, set in a matrix of 50% (+/-) muscovite +/- biotite and 50% (+/-) feldspar-quartz; garnets increase to 5-10% (+) from about 44' foliation @ 60-70° to C.A.; several rusty fractures; ~10% garnet from 44-47.4'
33.2	33.5	10% garnets
	34.8	Rusty fracture @ 25-30° to C.A.; cross-cuts foliation
35.5	37	Some pegmatitic and siliceous veining ≤0.1' wide @ 60-65° to C.A. parallel to foliation
	37.4	Rusty fracture @ 25° to C.A.
42	43.5	Several rusty fractures @ 40°, 35°, 5-10° to C.A.
	44.9	Pyrite patch on fracture @ 10° to C.A.
46	46.5	~20% garnets; some patches of garnet
47.	47.4	Rusty staining, some disseminated Pyrite visible
	47.4	Contact @ ~60° to C.A., parallel to foliation

Diamond Drill Record

HOLE No. E/S 95-03

Feet FROM	Feet TO	DESCRIPTION
47.4	49.6	"SILICEOUS" GARNETIFEROUS UNIT
(14.45m)	(15.12m)	Similar to 32-33.2' section; coarse grained, muscovitic-biotitic, siliceous patches; ~35% reddish to purplish, rounded to subhedral to clotty garnets, 0.2-1.5 cm in size (average 1 cm);
47.4	47.7	<10% Pyrite, net-like to veinlets parallel to foliation; a little Pyrite occurs below this, some disseminated in garnets
	49.6	Contact @ ~ 70° to C.A., sub-parallel to rusty fracture/slip
49.6	60.3	MUSCOVITIC (+/- BIOTITE) FELSIC GNEISS/SCHIST (CHLORITIZED GARNETS)
(15.12m)	(18.38m)	Similar to 33.2-47.4' interval; medium to lighter greys; medium grained; many parts more siliceous; <2-5% dark greenish-grey, rounded to lensoid, soft, altered, chloritized garnets, 0.2-0.5cm size; foliation @ 65-70° to C.A.
	49.7	Rusty fracture @ 45° to CA
52.4	52.8	Bleached; rusty foliation/fracture planes
	54 +/-	Rusty fractures/foliation planes
54.1	55.3	5-10% reddish, unaltered garnets

Diamond Drill Record

HOLE No. E/S 95-03

FROM	TO	DESCRIPTION
[redacted]0.2	60.3	Contact area with 20%, ragged, quartz-feldspar-carbonate veinlets parallel to foliation @ ~ 70-75° to C.A.; sheared
60.3	68.8	MAFIC GNEISS
(18.38m)	(20.98m)	Similar to 0-23.3' unit; medium to coarse grained; Trace to 3% red garnet
60.3	61.2	Epidotized/chloritized near contact; small shears @ 65-75° to C.A.
	68.8	< 1 cm wide pegmatitic veinlet @ 65° to C.A. on contact, parallel to foliation; Chloritization/epidotization plus small shears in mafic gneiss, near contact
68.8	73.4	MUSCOVITIC FELSIC GNEISS/SCHIST (+/-GARNET) +/-QUARTZ VEINING
(20.98m)	(22.38m)	Similar to 49.6-60.3'; medium to coarse grained; foliation @ 65° to 60° to CA.
68.8	71.3 +/-	Parts bleached, light greys-greenish greys; a few chloritized garnets present
		69.9-71.1' - 25% milky quartz veining up to 0.2' wide, parallel to foliation @ 75° to 60° to C.A.
71.3	72.9	Medium grey; 1-3 % red garnets < 0.3 cm size
72.9	73.4	Coarse grained; 15% red garnets ≤ 1 cm size; contact parallel foliation @ 60° C.A.

Diamond Drill Record

HOLE No. B/S 95-03

Feet FROM	Feet TO	DESCRIPTION
73.4 (22.38m)	83.6 (25.49m)	MUSCOVITIC - BIOTITIC FELSIC GNEISS (+/- GARNET) +/- QUARTZ ± PEGMATITIC VEINING + MAFIC GNEISS BANDS
		Gneiss variable; medium to lighter greys; medium to coarse grained; occasional red garnets (locally 5-10%); 10-40% biotite-muscovite; 50-80% feldspar-quartz; 10% quartz +/- feldspar veining; occasional Kyanite? blades; foliation @ 60-65° to C.A.
73.4	73.9	Light grey, medium grained, siliceous, muscovitic garnetiferous band parallel to foliation; 5% red garnets 0.1-0.2 cm in size; foliation cross-cut by fracture with Pyrite film @ 15° to C.A.; some Pyrite films on foliation planes; broken core
73.9	74.6 +/-	Dark grey, coarse grained, 5-15% red garnets ≤ 1 cm. size broken core at 74.5'+ due to carbonate fracture filling @ 15° to C.A.
74.6 +/-	76.2	75% milky to grey quartz +/- feldspars (+/- pinkish alteration), +/- mica veins parallel to foliation up to 0.5' wide; 5% garnets in intervening gneiss bands
76.2	83.4	10% felsic rags, veinlets and pegmatitic veining up to 0.2' wide parallel to foliation; occasional red garnet in gneiss
83.4	83.6	Mafic (hornblende +/- biotite) gneiss band with 5% red garnets; contacts @ 75° to C.A.

Diamond Drill Record

HOLE No. E/S 95-03

Feet FROM	Feet TO	DESCRIPTION
	ctd.	sub-parallel to foliation in felsic gneiss above @ 55-60° to C.A.
83.6	94.9	"SILICEOUS" GARNETIFEROUS UNIT (BIOTITIC) + PEGMATITIC VEINING
(25.49m)	(28.93m)	Variable; dark to medium greys to reddish greys; medium to coarse grained; hard to soft gneissic to more massive; foliations @ 65° to 55° to C.A.; <5-30% (average ≤20%) rounded to subhedral to clotty, reddish to purplish garnets set in a matrix of 10-40% biotite, 40 to 50% feldspar-quartz; some Kyanite? blades locally; occasional fine grained biotitic siliceous gneiss band (+/-garnet) up to 0.5' wide
		Several pegmatite veins with ragged to more uniform contacts, more or less parallel to foliation
85.2	86	Pegmatite vein
	86.3	2" Pegmatite vein
88.4	89.1	75% Pegmatitic Veining with rags and inclusions
	94.9'	Contact with mafic gneiss @ ~ 55° to C.A., parallel to foliation

Diamond Drill Record

HOLE No. E/S 95-03

Feet FROM	Feet TO	DESCRIPTION
94.9	105'	MAFIC GNEISS (+/-GARNET) + PEGMATITIC VEINING
(28.93m)	(32.01m)	Similar to other mafic gneiss units; foliated to more massive, medium to coarse grained; 70-80% (+) hornblende with rags and interstitial feldspar; some biotite; <1-2% red garnets, 0.2-1 cm. in size; 10% pegmatite-pegmatitic veining and patches composed of feldspar-quartz +/- hornblende +/- biotite; (occasional pinkish feldspar alteration); foliation @ 55-65° to CA.; small fold above 105'
	105	END OF HOLE
	(32.01m)	

Frank H. Toews, B.Sc.
Frank H. Toews
Geologist

Diamond Drill Record

Hole No. E/S 95-04

Company EMERALD ISLE RESOURCES INC./ STRALAK RESOURCES INC. JOINT VENTURE	Collar Elevation	Bearing of hole from true North Azi ~315°	Total Footage 90' (27.44m)	Map Reference No. Claim Map G-4109	Claim No. 1043382
Date Hole Started FEB. 21/95	Date Completed FEB. 22/95	Dip of Hole -45° Core size NQ	Logged by FRANK H. TOEWS, B.Sc.	Location STREET TWP. 70' (21.3m) N.E. of E/S 94-02 or ~150' (45.7m) S. & 50' (15.2m) E. of Post #1-1043382	
Drilling Company Erana Mines Ltd, Lively, Ontario					

Feet FROM	Feet TO	DESCRIPTION (Core was crushed for testing purposes)
		Drill was cribbed for this set-up; 0-3.7' +/- to bedrock collar
0	~3.7'	Drill rod - no core
~3.7 (1.13m)	8.4 (2.56m)	MAFIC GNEISS (+/-GARNET) +/-PEGMATITIC VEINING Dark greenish-grey, medium grained to coarser grained locally; 70-85% greenish-black hornblende, 15-20% feldspar (+/- pink alteration), 2-5% red garnets 0.2-1cm in size; foliation @ 60-65° to C.A. mainly; minor Pyrite
3.7	6.2	15% pegmatitic veining (grey-white to pinkish feldspar+quartz) parallel to variable foliations and cross-cutting @ 20-35° to 55-60° to C.A.
	8.4	Contact probably parallel to foliation @ ~60° to C.A. (broken)
8.4 (2.56m)	21.3 (6.49m)	"SILICEOUS" GARNETIFEROUS UNIT (BIOTITIC TO MUSCOVITIC) Medium to dark greys to reddish grey to silvery (muscovitic); often coarse grained; foliated to more massive; foliations @ ~60° +/-; central parts are muscovitic; 15-40% rounded to subhedral to clotty, reddish to purplish garnets, 0.1-2.cm in size (average ~25%; 0.5-1cm size) set in a matrix of 20-50% feldspar-quartz, and 20-40% micas (biotite +/or muscovite + occasionally some chlorite); occasional Pyrite grain visible; several rusty fractures @ 15-20°, 45° to C.A.

2.16587

Diamond Drill Record

HOLE No. E/S 95-04

Feet FROM	Feet TO	DESCRIPTION
8.6	10.8	Several medium grained, biotitic, felsic to intermediate gneiss bands (+/- garnet) up to 0.3' wide, interbanded with coarse grained, biotite-rich, garnetiferous material; <2 to 25% garnet (average ~15%)
10.8	12 +/-	Coarse grained, biotite-rich (becoming muscovitic), garnetiferous with about 25% garnets
12	15.5	Coarse grained, muscovite-rich (becoming more biotitic), garnetiferous with ~20-30% garnets
15.5	21.3	Coarse grained, biotitic +/- muscovitic, garnetiferous with 20-35% garnets
	21.3	Contact parallel to foliation @ ~60° to C.A.
21.3 (6.49m)	40.9 (12.47m)	MUSCOVITIC (+/- BIOTITE) FELSIC GNEISS (+/- GARNET) Light to medium greys, medium to coarser grained, hard to moderately hard, with Trace to locally 5% reddish, rounded to clotty to ovoid garnets, 0.1-0.3 cm in size (average ~2% garnet) set in a matrix of ~75-80% feldspar-quartz and ≤20% muscovite (+/- biotite); foliation @ 55-65° to C.A. mainly; locally more siliceous and coarse grained
21.9	25.7	Rusty fracture(s) @ 0-5° to C.A. & 40°, 10-15° to C.A.; broken core

Diamond Drill Record

HOLE No. E/S 95-04

Feet FROM	Feet TO	DESCRIPTION
30.1	30.7	Rusty fracture @ 15-20° to C.A. sub-parallel to local foliation @ 25-40° to C.A. containing a 0.2' wide band of siliceous garnet unit with coarse grained chloritized garnets
32	39	Several rusty fractures @ 15-20°, 35° to C.A. which cross-cut foliation @ ~60° (+/-) to C.A. which also contains some rusty foliation planes; vugs at 37.1'
40.9		Contact parallel to foliation @ 60° to C.A.
40.9 (12.47m)	55.1 +/- (16.80m)	"SILICEOUS" GARNETIFEROUS UNIT (SECTIONS WITH CHLORITIZED GARNETS) Variable; muscovitic to biotitic; generally coarse grained; more massive to foliated @ 50-65° to C.A.; ≤ 3-35% rounded to subhedral to clotty, reddish to purplish garnets, 0.2-2 cm in size (average 0.5-1 cm); partly to completely chloritized, dark greenish grey, soft garnets between ~18.4-19.9'; rocks moderately hard to soft
40.9	47	Coarse grained; 25-35% garnets set in a matrix of 40-50% muscovite and 15-25% feldspar+quartz
47	48.4	Medium to coarse grained; 10-20% garnets set in a matrix of 30% biotite +/- muscovite and 50% feldspar-quartz, < 2% Kyanite(?) blades; minor Pyrite; foliations @ 50-60° to C.A.
48.4	49.9	Medium to coarse grained; ≤ 5% mainly chloritized (sericited) garnets in a matrix of 5-30%

Diamond Drill Record

HOLE No. E/S 95-04

Feet FROM	TO	DESCRIPTION
	ctd.	biotite-muscovite +/- chlorite? and 70-95% feldspar-quartz; some pegmatitic patches with some pinkish altered feldspar; foliations @ 55-60° to C.A.; rusty, vuggy quartz veinlet with chloritic slip margins @ 45° to C.A.; cross-cuts foliation.
49.9	50.7	Coarse grained; ~10% garnets +/- chlorite rims, set in matrix of ~60% (+) biotite-muscovite-chlorite and ~30% feldspar-quartz; foliation @ ~60° to C.A.
50.7	53.2	Medium to coarser grained gneiss/schist with ~2% reddish garnets (≤0.5cm) set in a matrix of ~50% biotite-muscovite and ~50% feldspar-quartz; some Kyanite(?) blades present; some pegmatitic veins and small lenses occur parallel to foliation @ 60-65° to C.A.
53.2	55.1+/-	Medium to coarse grained; light to dark greys; feldspathized(?); hard to moderately hard; speckled with 5-35% creamy to white, anhedral-subhedral feldspars 0.1-0.4cm in size; 5-25% red to purplish garnets 0.2-1.5 cm in size (average 10-15%, 0.5 cm +/-) set in a felsic (feldspar-quartz) to more mafic (biotitic-chloritic) matrix foliations @ ~60° to C.A.

Diamond Drill Record

HOLE No. E/S 95-04

Feet FROM	Feet TO	DESCRIPTION
55.1	62.8±	GARNETIFEROUS FELSIC GNEISS + PEGMATITE (+ SECTIONS WITH CHLORITIZED GARNET)
(16.80m)	(19.15m)	Medium to light greys; medium to coarse grained; more massive to foliated @ 60° to 25° to C.A.; hard to very hard
55.1	55.6	Medium to light greenish greys; biotitic to muscovitic to chloritic intermediate-felsic gneiss with 10% pegmatitic lenses (+/- pink altered feldspars), foliation @ 60° to C.A. minor reddish garnets
55.6	61.3	Garnetiferous felsic gneiss (meta-dioritic rock-silicified?); light greys to greenish greys (chloritic); medium to coarse grained, more massive to variably weakly-moderately foliated; 5-50% reddish to purplish, rounded to clotty garnets, 0.2-1.5 cm in size (average ~20%; 0.5 cm+/-), garnets are chloritic to chloritized in marginal parts of section; minor Pyrite; 10-60% creamy to white to sometimes pinkish feldspars (+ quartz) + 20% chlorite in matrix, some parts have biotite shreds (5%) parallel to foliation; 5% pegmatitic veining <1 cm to 0.2' wide (+/- reddish-pinkish feldspar alteration)
		55.6-55.9 - Garnets chloritized (soft, dark greenish grey).
		60.4-61.3 - Garnets chloritic to chloritized; 50% garnets up to 1.5 cm in size
61.3	61.7	Chloritic, felsic gneiss band; 2% chloritized garnets; foliation @ 45° to C.A. parallel to contacts

Diamond Drill Record

HOLE No. E/S 95-04

Feet FROM	Feet TO	DESCRIPTION
61.7	61.9	Greenish grey, muscovitic (+ epidotized?) felsic? gneiss with some feldspar porphyroblasts and 15% chloritized garnets; foliation @ 15° to C.A. (could be altered mafic gneiss)
61.9	62.5	Very coarse grained pegmatite with 50% pink to reddish altered, patchy feldspars in a milky quartz matrix; 10% chloritic patches and veinlets + patchy wall rock inclusions; vein contacts opposed, but sub-parallel to wall rock foliations
		61.7' - contact @ 70° to C.A.; vuggy carbonate clots near contact
		62.5' - contact @ 65° to C.A.
62.5	62.8	Similar to 61.7 - 61.7'
		62.8' - Contact with mafic gneiss irregular
62.8 (19.15m)	72.6 (22.13m)	MAFIC GNEISS + GARNET + PEGMATITE
		Dark greenish-greys; medium to coarse grained; foliated @ 25° to 60° to C.A.
		50-70% greenish black hornblende with clots, rags, ragged lenses and ragged veinlets of grey-white to sometimes creamy feldspar (+/- quartz); ~10% +/- reddish, rounded to subhedral to clotty garnets, 0.2-1cm in size (average 0.5cm); 5% pegmatitic veinlets and patches with creamy to pinkish altered, feldspar in grey quartz matrix
69.5	72.6	Garnets chloritized, rounded to lensoid in an altered matrix similar to that adjacent to

Diamond Drill Record

HOLE No. E/S 95-04

Feet FROM	Feet TO	DESCRIPTION
	ctd.	pegmatite vein at 61.9'; several rusty to vuggy fractures/shears @ 15-25° to C.A. down to 71.2', plus a rusty, carbonate fracture @ 35° to CA. at 71.5'
		71.8-72.2' - pegmatite vein with rusty carbonate veinlets; contacts @ 55° and 65° to C.A. (sub-parallel); a smaller pegmatitic vein occurs below main vein
		72.6' Contact @ ~60° to CA. (partly ground core)
72.6 (22.13m)	76.6 (23.35m)	FELSIC TO INTERMEDIATE GNEISS/SCHIST (+/- GARNET)
		Hard to soft, light greys to pinkish to medium greys; parts banded; medium grained; biotitic to muscovitic; trace to locally 10% red garnets (average <5%)
		some chloritized; foliations @ 60° to C.A.; some quartz and pegmatitic
		veining parallel to foliation
76.6 (23.35m)	90 (27.44m)	MAFIC GNEISS + BANDS OF BIOTITIC, MAFIC GNEISS (+/- GARNET)
		Dark greys to greenish greys, medium to coarse grained, garnetiferous, hornblende
		gneiss (similar to other units) +/- pegmatitic/pegmatite veining parallel to foliations;
		1-5% garnet; foliations @ 60° to ~30° to C.A.
		79.5-82'- Biotitic, mafic-intermediate gneiss/schist +/- red feldspars
		and quartz veinlets; Trace to 5% reddish garnets up to 1cm size, some

Diamond Drill Record

HOLE No. E/S 95-04

Feet FROM	Feet TO	DESCRIPTION
	ctd.	garnets chloritic; foliations @ 60-65° to CA.
	90 (27.44m)	END OF HOLE
		Frank H. Toews, B.Sc. Frank H. Toews Geologist

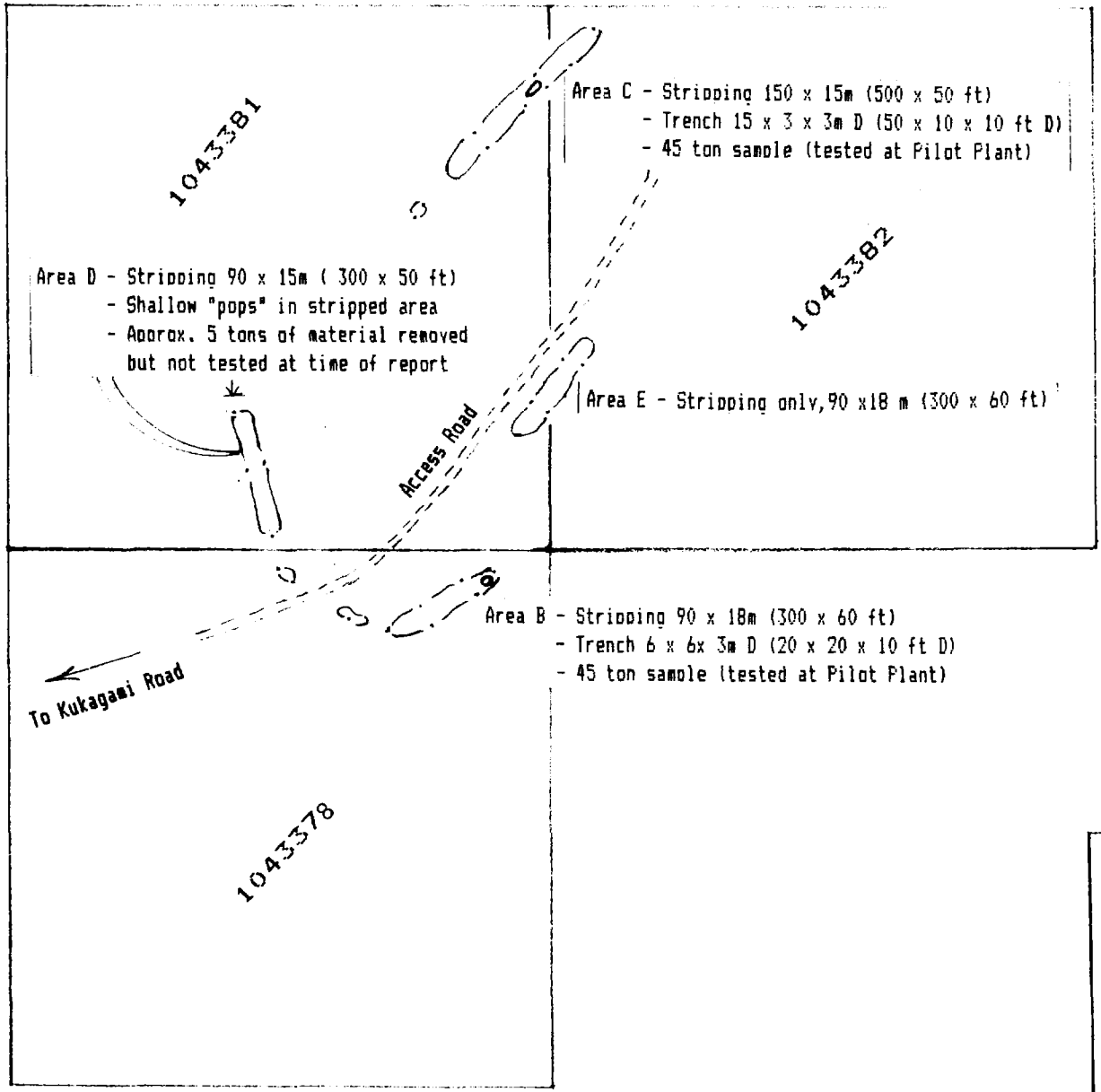
DIAMOND DRILL RECORD

STREET TWP.

HOLE No. E/S 95-04

RESULTS IN DRY WT. % GARNET CONCENTRATE	SAMPLE FROM	TO	WIDTH	No.	ASSAYS Wt.%	Avg.
	10.0' (3.05m)	15.0' (4.57m)	5.0' (1.52m)	18735	61.3	
	15.0'	21.3' (6.49m)	6.3' (1.92m)	18736	46.7	
WEIGHTED AVERAGE:	3.05m	6.19m	3.15m	—	—	53.1%
	40.9' (12.47m)	18.4' (14.76m)	7.5' (2.29m)	18737	58.7	
					F.W.T.	

PAGE 8A OF ____



N

2.16382

Stripping outline

Trench outline

Overburden Nil to 2 ft Deep (0.6m)

FIGURE 2A

EMERALD ISLE RESOURCES INC. -
STRALAK RESOURCES INC.
JOINT VENTURE
STREET TOWNSHIP PROPERTY

Garnet Zones B, C, D & E
on Claims 104378 & 1043381-82.
Areas of 1995 Stripping (B to E)
& Bulk Sampling (B, C, D)

Scale - 1 : 5,000
0 100m
0 300ft

FHT

PROJECT MANAGER - STATEMENT OF QUALIFICATIONS

I, Andy Dahmen, of 85 Westview Cres., Lively, Ontario, certify as follows concerning my report entitled "Ontario Mineral Incentive Program Application for Grant 1995 for Stripping, Diamond Drilling and Bulk Sampling on the Garnet Property of Emerald Isle Resources Inc. and Stralak Resources Inc., Joint Venturers, Street Township, Sudbury Mining Division, Ontario", dated February 15, 1996.

a) That I am a graduate of the University of Idaho, Idaho, U.S.A., with a Bachelor of Science Degree in Geological Engineering (1973).

b) That I am a Registered Professional Engineer in good standing, State of Minnesota, U.S.A.

c) That I have been employed as an engineer in heavy civil and mining development projects for the past 10 years in various parts of the United States and Canada.

d) That I was present on the property and was involved in the geological and mill testing aspects of the program and in the report preparation.

e) That I am employed by the Applicant venturers, but have no other direct or indirect interest in the properties or securities of either Emerald Isle Resources Inc., or Stralak Resources Inc.

Andy Dahmen, B.S., P.Eng.

Sudbury, Ontario
February 15, 1996

EMERALD/STRALAK JOINT VENTURE
MARCH 28, 1996 - REPORT OF WORK
"BULK SAMPLE"
STATEMENT OF COSTS - REVISED (Aug. 5/96)

1. DIRECT COSTS

WAGES	Labour	$10,696.	
	Field Supervision	4,525.	$15,221.
CONTRACTORS & CONSULTANTS	Analytical		
	Lakefield Research	301.	
	Hedman Resources	1,395.	
	Natural Resources	1,605.	3,301.
SUPPLIES USED	explosives	799.	
	fuel	349.	
	drill bits	374.	
	buckets	80.	1,603.
EQUIPMENT RENTAL	Canmet - equip.	18.	
	850JD dozer	4,109.	
	690E excavator	5,393.	
	steel & compressor	160.	
	MNDM-XRD Mineralogy	59.	
	Kipp Kelly Table	1,070.	
	600 CFM compressor	6,955.	17,764.
			$37,889.

2. INDIRECT COSTS

TRANSPORTATION	service truck (P/U)		$ 535.
FOOD AND LODGING	Meals	$ 71.	
	Lodging	231.	302.
MOBILIZATION/DEMOBILIZATION			100.
			$ 937.

TOTAL VALUE OF ASSESSMENT CREDITS. . . . . $38,826.

NOTE: GST included when applicable. This will explain the lack of correlation between the Expenditures shown in Appendix 1 (OMIP Report No.95-053) and the original Statement of Costs submitted.

EMERALD/STRALAK JOINT VENTURE
BREAKDOWN OF
MARCH 28, 1996 - REPORT OF WORK
"BULK SAMPLE" EXPENDITURES

	Date	Invoice		DIRECT COSTS				
a	Feb.28	Erana Mines	154.62	154.				
b	" 28	ICI Superior	610.82				610.	
c	Mar.30	KTA-Tator- - -declined						
d	Apr.11	Canmet	17.66					17.
e	" 24	Erana Mines	2090.80	2090.				
f	" 24	Lakefield Res.	115.03			115.		
g	" 26	Bob/Andy Exp.s	381.98				80.	
h	" 28	Andy Dahmen	200.00	200.				
i	" 30	Hedman Resour	1395.38			1395.		
j	" 11	Erana Mines	218.82	218.				
k	Jun 27	Natural Resou	1605.00			1605.		
l	Jul 7	Lakefield Res.	186.18			186.		
m	" 18	Terry Jerome	100.00	(indirect costs)				
n	" 26	ICI Supeerior	97.50				97.	
o	Sep.00	Andy Dahmen	500.00		500.			
p	Oct.18	Erana Mines	15858.73	2966.	2255.		90.	4109.
							349.	5392.
								160.
q	Nov.27	Erana Mines	72.76	72.				
r	" 30	MNDM	117.70	58.				58.
s	" 30	PSI- - - - - -declined						
t	Dec. 6	G.D.Drilling	374.50				374.	
u	" 20	Erana Mines	2610.80	1540.				1070.
v	" 00	Peter Hauser	6955.00					6955.
w	" 00	Eco/Pilot Plan	5164.00	3394.	1770.			
			$38827.28					
				$10,692.	**$ 4,525.**	**$ 3,301.**	**$ 1,600.**	**$17,761.**

WAGES: labour
field supervision
CONTRACTORS & CONSULTANTS: analytical
SUPPLIES USED:
EQUIPMENT RENTAL:

EMERALD/STRALAK JOINT VENTURE
BREAKDOWN OF
MARCH 28, 1996 - REPORT OF WORK
"BULK SAMPLE" EXPENDITURES

	Date	Invoice		INDIRECT COSTS			
a	Feb.28	Erana Mines	154.62				
b	" 28	ICI Superior	610.82				
c	Mar.30	KTA-Tator- - -declined					
d	Apr.11	Canmet	17.66				
e	" 24	Erana Mines	2090.80				
f	" 24	Lakefield Res.	115.03				
g	" 26	Bob/Andy Exp.s	381.98		71.	230.	
h	" 28	Andy Dahmen	200.00				
i	" 30	Hedman Resour	1395.38				
j	" 11	Erana Mines	218.82				
k	Jun 27	Natural Resou	1605.00				
l	Jul 7	Lakefield Res.	186.18				
m	" 18	Terry Jerome	100.00	100.			
n	" 26	ICI Supeerior	97.50				
o	Sep.00	Andy Dahmen	500.00				
p	Oct.18	Erana Mines	15858.73				535.
q	Nov.27	Erana Mines	72.76				
r	" 30	MNDM	117.70				
s	" 30	PSI- - - - - -declined					
t	Dec. 6	G.D.Drilling	374.50				
u	" 20	Erana Mines	2610.80				
v	" 00	Peter Hauser	6955.00				
w	" 00	Eco/Pilot Plan	5164.00				
			$38827.28				
				$100.00	$ 71.00	$230.00	$535.00

MOBILIZATION/DEMOBILIZATION:

FOOD AND LODGING:

Meals

Lodging

TRANSPORTATION:

STRIPPING, DIAMOND DRILLING AND BULK SAMPLING
ON THE GARNET PROPERTY
OF
EMERALD ISLE RESOURCES INC. AND STRALAK RESOURCES INC.
JOINT VENTURERS

OMIP FILE NO. 95-053
EXPENDITURES

	DATE	INVOICE	BULK SAMPLE	STRIPPING	DIAMOND DRILLING
	00-02-95	Frank H. Toews	-	-	$ 350.00
	00-02-95	~~Frank H. Toews~~ ERANA	-	-	6,480.00
	28-02-95	Erana Mines Limited	-	$ 8,008.75	-
a	28-02-95	Erana Mines Limited	$ 144.50	-	-
b	28-02-95	ICI Superior Explos.	610.82	-	-
	05-03-95	Frank H. Toews	-	-	675.00
	14-03-95	Erana Mines Limited	-	5,966.47	-
	16-03-95	Peter Hauser	-	920.00	-
c	30-03-95	KTA-Tator,Inc.	declined ~~626.81~~	-	-
	30-03-95	Roger Kett	-	315.15	-
	00-04-95	Andy Dahmen	-	60.00	-
	03-04-95	Erana Mines Limited	-	500.00	-
	18-04-95	Erana Mines Limited	-	1,032.00	-
d	11-04-95	Canmet	16.50	-	-
e	24-04-95	Erana Mines Limited	1,954.01	-	-
f	24-04-95	Lakefield Research	107.50	-	-
g	26-04-95	Bob/Andy Expenses-test	360.60	-	-
h	28-04-95	Andy Dahmen	200.00	-	-
i	30-04-95	Hedman Resources	1,307.88	-	-
	02-05-95	Erana Mines Limited	-	679.43	-
j	11-05-95	Erana Mines Limited	204.50	-	-
	17-05-95	Frank H. Toews	-	-	375.00
	24-05-95	Erana Mines Limited	-	289.00	-
	01-06-95	Andy Dahmen	-	200.00	-
	16-06-95	Frank H. Toews	-	-	262.50
k	27-06-95	Natural Resources Can.	1,500.00	-	-
	00-07-95	Andy Dahmen	-	40.00	-
l	07-07-95	Lakefield Research	174.00	-	-
	10-07-95	J.Rintala Trucking	-	2,447.45	-
m	18-07-95	Terry Jerome	100.00	-	-
	00-07-95	Andy Dahmen	-	78.00	-
n	26-07-95	ICI Superior Explos.	97.50	-	-
	01-08-95	Andy Dahmen	-	1,000.00	-
	02-08-95	Peter Hauser	-	1,221.00	-
	04-08-95	Erana Mines Limited	-	17,296.81	-
	16-08-95	Erana Mines Limited	-	6,166.78	-
	16-08-95	Peter Hauser	-	869.50	-
o	00-09-95	Andy Dahmen	500.00	-	-
	20-09-95	Erana Mines Limited	-	16,008.00	-
	04-10-95	Erana Mines Limited	-	15,147.00	-
p	18-10-95	Erana Mines Limited	14,821.28	-	-
	01-11-95	Erana Mines Limited	-	9,935.00	-
q	27-11-95	Erana Mines Limited	not invoiced 68.00	-	-
r	30-11-95	MNDM	110.00	-	-
s	30-11-95	Professional Ser.Ind.	~~784.00~~	-	-
t	06-12-95	G.D.Drilling Supplies	350.00	-	-
u	20-12-95	Erana Mines Limited	2,440.00	17,999.80	-
v	00-12-95	Peter Hauser	6,500.00	-	-
w	00-12-95	Eco/Pilot Plant test	5,164.00	-	-
			$38,141.96	$106,180.14	$8,142.00

Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: L 9670 00080

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for require Recorder.
- A separate copy of this form must be completed fo
- Technical reports and maps must accompany this f
- A sketch, showing the claims the work is assigned

41I10SE0036 2 16587 STREET

900

Recorded Holder(s)		Client No.
EMERALD ISLE RESOURCES INC./STRALAK RESOURCES INC. Joint Venture		EIR#129512 50% SRK#198246 50%
Address		**Telephone No.**
105 Fielding Road, Lively, Ontario P3Y 1L5		(705)682-0649
Mining Division	**Township/Area**	**M or G Plan No.**
Sudbury	Street Township	G-4109
Dates Work Performed From: February 9, 1995	To: December 31, 1995	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
	Physical Work, Including Drilling	
	Rehabilitation	
X	Other Authorized Work	SECTION 18 ONLY - BULK SAMPLE
	Assays	
	Assignment from Reserve	

RECEIVED
JUN 4 - 1996
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 40 481.

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

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

Name	Address
ERANA MINES LIMITED	106 Fielding Road, Lively, Ontario P3Y 1L5

(attach a schedule if necessary)

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

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Mar.28/96	Joanne A. Funk-Agent

Certification of Work Report

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

Name and Address of Person Certifying: Joanne A. Funk, 106 Fielding Road, Lively, Ontario P3Y 1L5

Telepone No.	Date	Certified By (Signature)
(705)682-0649	March 28, 1996	J.A. Funk /J.A.Funk-Agent

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
Applied $33,480.00 Reserved $7,001.00	APR. 01. 1996		RECEIVED APR 1 - 1996
	Deemed Approval Date: June 30/96	Date Approved	
	Date Notice for Amendments Sent		

"BULK SAMPLE"

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	S 1043378	1	19 001.	-	12 000.	7 001.
	1043381	1	11 814.	-	11 814.	-
	1043382	1	9 666.	-	9 666.	-
	S 1179597	16		12 800.		
	1179596	12		9 600.		
	1179595	6		4 800.		
	1179594	4		3 200.		
	1197886	1		1 200.		
	1197887	1		1 080.		
	1197888	1		800.		
	10		40 481.	33 480.	33 480.	7 001.
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

Signature | Date

-

EMERALD/STRATAK JOINT VENTURE

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No /N° de transaction: 1.9670.00080

ersonal information collected on this form is obtained under the authority the Mining Act. This information will be used to maintain a record and ngoing status of the mining claim(s). Questions about this collection should e directed to the Provincial Manager, Minings Lands, Ministry of Northern evelopment and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario 3E 6A5, telephone (705) 670-7264.

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

. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	10 948.	
	Field Supervision Supervision sur le terrain	4 684.	15 632.
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type analytical	4 716.	
			4 716.
Supplies Used Fournitures utilisées	Type explosives		
	fuel		
	bits		
			1 603.
Equipment Rental Location de matériel	Type 850 JD dozer		
	690E excavator		
	600 CFM Cat air comp.		
	misc. equip. rental		17 764.
	Total Direct Costs / Total des coûts directs		39 715.

2. Indirect Costs/Coûts indirects

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

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type service truck	535.	
			535.
Food and Lodging Nourriture et hébergement	meals		
	lodging		231.
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs / Total partiel des coûts indirects		766.
	Amount Allowable (not greater than 20% of Direct Costs) / Montant admissible (n'excédant pas 20 % des coûts directs)		39 715.
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)		40 481.

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

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

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

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

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

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

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

Certification Verifying Statement of Costs

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

that as agent I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

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

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

à faire cette attestation.

Signature	Date
J.A. Funk / J.A.Funk	Mar.28/96

0212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre

Ministry of Northern Development and Mines
Ontario

AMENDED May 16, 1996

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: 2.96 70 00056

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

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

Recorded Holder(s): EMERALD ISLE RESOURCES INC./STRALAK RESOURCES INC. Joint Venture		Client No.: EIR#129512 50% SRK#198246 50%
Address: 106 Fielding Road, Lively, Ontario P3Y 1L5		Telephone No.: (705)682-0649
Mining Division: Sudbury	Township/Area: Street Township	M or G Plan No.: G-4109
Dates Work Performed: From: February 9, 1995	To: December 31, 1995	

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
X	Physical Work, Including Drilling	MECHANICAL OVERBURDEN STRIPPING
	Rehabilitation	
	Other Authorized Work	SECTION 18 ONLY
	Assays	
	Assignment from Reserve	

RECEIVED
JUL 24 1996
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 113,612.

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

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

Name	Address
ERANA MINES LIMITED	106 Fielding Road, Lively, Ontario P3Y 1L5

(attach a schedule if necessary)

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

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date: Mar.28/96	Recorded Holder or Agent (Signature): Joanne A. Funk Agent

Certification of Work Report

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

Name and Address of Person Certifying: Joanne A. Funk, 106 Fielding Road, Lively, Ontario P3Y 1L5

Telepone No.: (705)682-0649	Date: March 28, 1996	Certified By (Signature): J.A. Funk /J.A. Funk

For Office Use Only

Total Value Cr. Recorded: $113,612	Date Recorded: Apr. 1 1/96	Mining Recorder:	Received Stamp: SUDBURY MINING DIV. RECEIVED APR 1 1996 A.M. P.M.
	Deemed Approval Date: June 30/96	Date Approved: July 15/96	
	Date Notice for Amendments Sent: May 31, 1996.		

0241 (03/91)

"MECHANICAL OVERBURDEN STRIPPING"

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	S1043378	1	38 081.	-	-	38 081.
	S1043381	1	43 383.	-	-	43 383.
	S1043382	1	32 148.	-	-	32 148.
	Total Number of Claims: 3		Total Value Work Done: 113 612.	Total Value Work Applied: -	Total Assigned From: -	Total Reserve: 113 612.

RECEIVED
JUL 24 1996
MINING LANDS BRANCH

2.16587

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: **Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.**

Note 2: **If work has been performed on patented or leased land, please complete the following:**

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date

1 (03/91)

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No /N° de transaction
96 1C.00056

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

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

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	25 503.	
	Field Supervision Supervision sur le terrain	16 090.	41 593.
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Tandem Trucks	3 256.	
			3 256.
Supplies Used Fournitures utilisées	Type fuel	2 760.	
	explosives	484.	
	steel & compressor	4 146.	
			7 390.
Equipment Rental Location de matériel	Type see attached		
	schedule		
			54 961.
	Total Direct Costs Total des coûts directs		107 200.

RECEIVED
JUL 24 1996
MINING LANDS BRANCH

2.16587

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

2. Indirect Costs/Coûts indirects

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

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type 89 Chev Flat Bed	789.	
	Personnel P/U's	1 659.	
	service truck	2 782.	
			5 230.
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation	79 Ford Tractor - Mobil.	765.	
	- Demob.	417.	1 182.
	Sub Total of Indirect Costs Total partiel des coûts indirects		6 412.
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		6 412.
	Total Value of Assessment Credit (Total of Direct and Allowable indirect costs) / Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)		113 612.

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

Filing Discounts

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

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Remises pour dépôt

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

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

Certification Verifying Statement of Costs

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

That as agent I am authorized
(Recorded Holder, Agent, Position in Company)

To make this certification

Attestation de l'état des coûts

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

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

à faire cette attestation.

Signature	Date
J.A.Funk	March 28/96

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Recorder's Office
Ministry of Northern Development
and Mines
933 Ramsey Lake Road
3rd Floor, Building 'B'
Sudbury, ON P3E 6B5

Telephone: (705) 670-5742
Fax: (705) 670-5681

July 22, 1996

Transaction No. W9670.00056

Emerald Isle Resources Inc./
Stralak Resources Inc.
106 Fielding Road
Lively, ON P3Y 1L5

Attn: Joanne Funk

Dear Joanne:

SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIM(S) 1043378 ETAL IN STREET TOWNSHIP

The revisions outlined in the Notice dated May 31, 1996 , have been corrected. Accordingly, assessment work credits have been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credits have been approved under Section(s) 10, Physical (Mechanical Overburden Stripping) of the Assessment Work Regulation.

The approval date is July 15, 1996.

2.13567

../2

If you have any questions, please contact our office at the number above.

Yours truly,

Roy Denomme
Mining Recorder
Sudbury/Southern Ontario
Mining Divisions

/mh
Encls.

Ontario

Ministry of Northern Development and Mines
Ministère du Développement du Nord et des Mines

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

August 20, 1996

Our File: 2.16587
Transaction #: W9670.00080

Mining Recorder
Ministry of Northern Development & Mines
933 Ramsey Lake Road, 3rd Floor
Sudbury, Ontario
P3E 6B5

Dear Mr. Denomme:

SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIM(S) 1043378 (ET AL.) IN STREET TOWNSHIP (AREA)

The revisions outlined in the Notice dated June 20, 1996, have been corrected. Accordingly, assessment work credit has been approved as outlined on the attached sheet. Total assessment credit of $38,826 reflects the amount claimed on the August 5, 1996 Revised Statement of Cost. The credit has been approved under Section(s) 18, Other (INDUS) of the Assessment Work Regulation.

The approval date is August 5, 1996. Please indicate this approval on the claim record.

If you have any questions regarding this correspondence, please contact Bruce Gates at (705) 670-5856.

Yours Sincerely,
ORIGINAL SIGNED BY:

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mines and Minerals Division

BIG/jf
Enclosure:

cc: Resident Geologist
Sudbury, Ontario

Assessment Files Library
Sudbury, Ontario

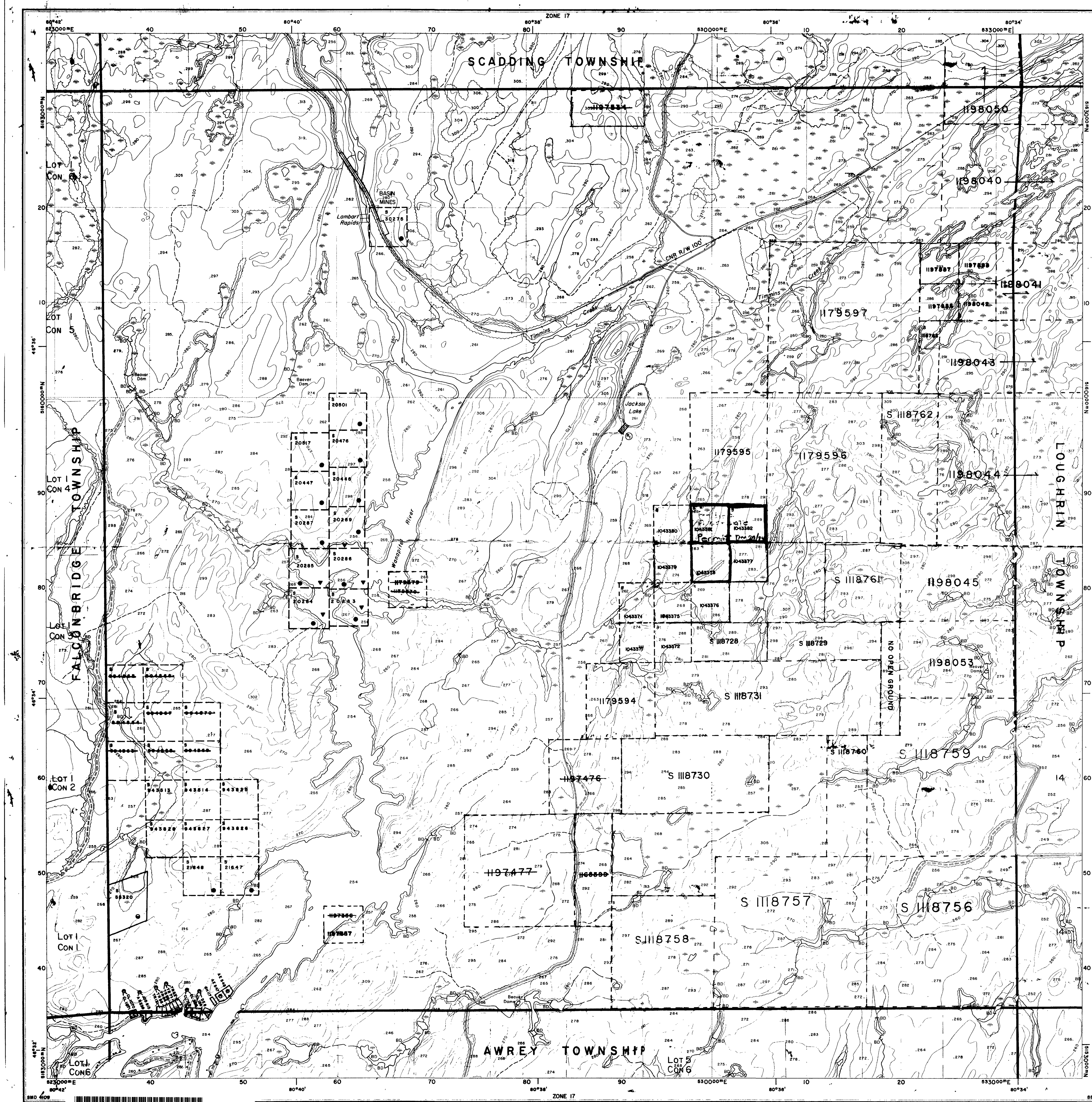
DISTRIBUTION OF ASSESSMENT WORK CREDIT

Note: credit distribution reflects the value of assessment work performed on mining land.

Date August 19, 1996
File Number: 2.16587
Transaction #: W9670.00080

CLAIM NUMBER	VALUE OF WORK PERFORMED
1043378	$ 18224
1043381	11331
1043382	9271

Total	$ 38,826



41I10SE0036 2 16587 STREET

210

Ministry of Natural Resources

Ministry of Northern Development and Mines

Ontario

IN SERVICE APRIL 27, 1989

INDEX TO LAND DISPOSITION

PLAN

G-4109

TOWNSHIP

STREET

M.N.R. ADMINISTRATIVE DISTRICT

SUDBURY

MINING DIVISION

SUDBURY

LAND TITLES/REGISTRY DIVISION

SUDBURY

Scale 1:20 000

Metres 1000 0 1000 2000 Metres

Feet 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 Feet

Contour Interval 10 Metres

PSTRIP
PCOMP

SYMBOLS

Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
- shoreline
- Lot/Concession; surveyed
- unsurveyed
- Parcel; surveyed
- unsurveyed
- Right-of-way; road
- railway
- utility
- Reservation
- Cliff, Pit, Pile
- Contour
- Interpolated
- Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
- double track
- abandoned
- Road; highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
(R1) SEC. 42/60		29/10/69	SRO	23022

PSTRIP PCOMP

2.16587

RECEIVED
JUL 24 1996
MINING LANDS BRANCH

DATE OF ISSUE
JUL 23 1996
SUDBURY
MINING RECORDER'S OFFICE

NOTES

THE SUBDIVISION OF THE TOWNSHIP OF STREET AS LAID OUT INTO LOTS AND CONCESSIONS WAS ANNULLED IN 1953.

DISPOSITION OF CROWN LANDS

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

Cancelled

Reservation

Sand & Gravel

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

Ontario Ministry of Natural Resources

Ministry of Northern Development and Mines

IN SERVICE APRIL 27, 1989

INDEX TO LAND DISPOSITION

PLAN

G-4109

TOWNSHIP

STREET

RECEIVED
JUN 4 - 1996
MINING LANDS BRANCH

M.N.R. ADMINISTRATIVE DISTRICT

SUDBURY

MINING DIVISION

SUDBURY

LAND TITLES/REGISTRY DIVISION

SUDBURY

Scale 1:20 000

1000 Metres 0 1000 2000 Metres

1000 Feet 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

DATE OF ISSUE
MAY 30 1996
SUDBURY
MINING RECORDER'S OFFICE

INDUS 2.16587

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

	Description	Order No.	Date	Disposition	File
(R)	SEC.42/60		29/10/69	SRO	23022

SYMBOLS

Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
- shoreline
- Lot/Concession; surveyed
- unsurveyed
- Parcel; surveyed
- unsurveyed
- Right-of-way; road
- railway
- utility
- Reservation
- Cliff, Pit, Pile

Contour
- Interpolated
- Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
- double track
- abandoned
- Road; highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

DISPOSITION OF CROWN LANDS

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)
- Cancelled
- Reservation (R)
- Sand & Gravel

NOTES

THE SUBDIVISION OF THE TOWNSHIP OF STREET AS LAID OUT INTO LOTS AND CONCESSIONS WAS ANNULLED IN 1953.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

SMD 4109

88 08

41I10SE0036 2 16587 STREET