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J A R V I S R E S O U R C E S L T D .

OMIP SUMMARY REPORT ON STRIPPING, CAP REMOVAL,
BLOCK EXTRACTION AND SAMPLE PREPARATION
JUNE 18,1991 - DECEMBER 11,1991

PARKIN TOWNSHIP, ONTARIO

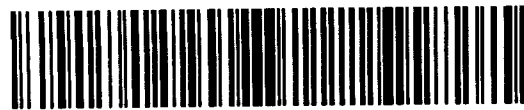
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February 14,1992
Sudbury, Ontario

OMIP FILE NO. OM91-127

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SUMMARY

Jarvis Resources Ltd. owns a one hundred (100) percent interest in a contiguous block of twenty-three (23) unpatented mining claims in central Parkin Township. The claims lie twenty-five (25) miles northeast of Sudbury, and cover approximately 950 acres. Jarvis also holds exclusive marble mining rights on another five (5) leased claims southeast of the owned claims. These five claims cover an area of approximately 200 acres. From June 18, 1991 to December 11, 1991, extensive exploration work was carried out in selected areas, (namely claims 854519, 1136790, 734706), and on a newly discovered marble outcropping on claim 647602. Overburden was stripped, and cap rock was removed to better assess the consistency and continuity of the deposit. Large blocks of material were removed for testing and sample preparation. As of December 31, 1991, a total of 7,100 tons of material was removed, leaving approximately 1,100 tons of usable marble intact.

The company also researched quarrying techniques and equipment, which resulted in the decision to employ diamond belt saws at this stage of pit exploration and block extraction.

Jarvis Resources Ltd. continued its market research during the period, hiring one full-time employee for this purpose, and a student from Ryerson Polytechnical for the summer. Several key trade shows were attended, and stone industry data compiled. Numerous contacts with marble end-users were made, and meetings with major marble distributors held. This was part of the continuing program to ascertain the marketability of Jarvis' marble, and to best establish a marketing niche. Research indicates that any future sales of a marble product would, in the United States, be

best achieved via major distributors, and, in Canada, through direct sales to architects and project developers. With this in mind, the company targeted, and established contacts with, two major distributors in the United States, and a knowledgeable agent in Canada. (See Appendix B, Marketing.)

Based on results from both the marketing research and the completion of the 1991 quarry exploration and extraction phase, the company plans to expand all three pits in order to fully assess their economic potential, and to continue to explore the newly discovered outcrop known as Pit # 4. This next phase of expansion, exploration, and future market development will cost approximately \$350,000.

PROPERTY DESCRIPTION, LOCATION, AND ACCESS

Jarvis Resources Ltd. has a one hundred (100) percent interest in a contiguous block of eight (8) unpatented mining claims situated in central Parkin Township. The claims are shown in Map 1, and may be further described as:

Claim No.	Survey Description
S. 915491	Con. 111 Lot 6 N 1/2 SW 1/4
S. 991550	Con. 111 Lot 6 N 1/2 SE 1/4
S. 983604	Con. 111 Lot 6 S 1/2 SW 1/4
S. 994013	Con. 11 Lot 6 N 1/2 NW 1/4
S. 985091	Con. 11 Lot 6 N 1/2 NE 1/4
S. 1136790	Con. 111 Lot 6 S 1/2 NE 1/4
S. 1136791	Con. 111 Lot 5 S 1/2 NW 1/4
S. 1136792	Con. 111 Lot 6 S 1/2 SE 1/4

The claims cover roughly 320 acres, and are presently in good standing. The vendor retains a royalty per ton shipped and sold.

Jarvis Resources Ltd. has also purchased an additional 15 contiguous, unpatented mining claims, which host lenses of various colour marbles. These claims are also shown in Map 1, and may be

Further described as: Claim Numbers 734215, 734709, 734715, 734216, 734711, 734716, 734217, 734712, 734717, 730705, 734713, 734718, 734706, 734714, and 854519. Also, exclusive marble mining rights have been granted to Jarvis Resources Ltd. on five (5) additional unpatented leased claims shown in Map 2. The vendor also retains a per ton royalty.

All claims total approximately 1,150 acres of land. The claims lie twenty-five (25) miles northeast of Sudbury, and ten (10) miles northeast of Capreol. Access is via the Moose Mountain road (Highway 545) for 4.6 miles and then east on the Whistle Mine all weather bush road for 5.3 miles. A fair weather bush road then goes northward toward Mowat Creek. This road branches at the end of a small lake. Taking the northeast branch, the bush road proceeds a half-mile onto the property. Drill roads and old overgrown logging trails allow access to both the marble site and the rest of the property. Refer to Maps 1 and 2, which are abbreviations of maps prepared by Wiseman Mining Consultants Ltd. of Sudbury. Also refer to ^{Figure 1}~~Map 3~~, which is a key map.

PREVIOUS EXPLORATION

In his report filed with the Ministry of Northern Development and Mines, with respect to OMIP # OM90-174, Mr. David Constable outlines the following history:

"Placer gold occurs in the gravels in or near the Vermillion River and was discovered in 1896. The gravels have been the focus of numerous evaluation programs. While the gold content in these places is impressive, it is also erratic over any distance. The gold is flour gold and, generally, cannot be recovered through gravitational methods."

"Stratabound massive sulphide base metal deposits are also reported in Hutton Township, west of the Vermillion River. Limited drilling to date has not appreciably expanded these showings."

"The other main feature in the area is the Quartz Diorite Breccia or Parkin offset. This feature trends north 30 degrees east within the Huronian Supergroup. The Milnet Mine of Jonsmith Mines Limited lies on this offset and is located in Lots 2 to 7 in Concession 11 and 111. First drilled in 1947 and again in 1950-51 the property hosted two distinct ore bodies capped by Espanola limestone (marble). Production from 1952-54 was shipped to Falcobridge Nickel Mines Limited smelter."

Mr. Constable also states:

"Numerous surface showings of base metal in veins, often with significant precious metal values, occur in both Parkin and Hutton Townships. One such pyrite-chalcopyrite-galena-sphalerite vein system occurs in Jarvis' claim S. 1136790. The veins occur on the western contact between silicified, brecciated marble and dioritic intrusions. Old pits and trenches were observed for a length of 200 feet and veins of massive sulphides, while quartz and carbonate were noted. The veins were irregular and, in addition to trending north-south along the contact, they also cut easterly into the marble. The latter veins are less than 6 inches wide. In addition to base metal values, high gold assays were reported."

"The Espanola limestone unit trends discontinuously from Hutton Township, easterly or southeasterly, across Parkin Township. In places, the unit is turned to marble. H.D. Meyn, in his 1970 ODM

Geological Report 80 on Hutton and Parkin Township, sampled the limestone from five locations. CaO content varied from 29.3% to 49.4%, MgO from 0.69% to 17.4%, SiO₂ from 7.04% to 18.7% and Al₂O₃ from 1.55% to 4.47%. At that time only one sample met the requirement for Portland cement. No mention was made of dimension stone possibilities."

Exploration work conducted by Jarvis from September to December 1990 eventually delineated deposits of high quality marble, totaling approximately 20 million tons.

A total of thirteen (13) holes were drilled, totalling 2765.5 feet. Data obtained from this program enabled the company to confirm and delineate a 200-foot wide marble band. This area was then stripped and excess earth was removed using a high pressure air hose. Once exposed, the marble outcrop was mapped in detail. Marble colours in this location vary from light green, pink and buff through dark green, grey, grey with black bands and white with black bands. In his report filed February 8 1991, (OMIP OM90-174.), Constable states: " More work must be done in the spring to assess these marbles from both the technical and aesthetic viewpoints". He further noted that: " Marketing of the marble samples will intensify, including production of sample sets for display at marble dealers."

REGIONAL GEOLOGY

In his OMIP summary report of February 8, 1991, Mr. Constable describes the regional and property geology as follows:

"Most of Parkin Township is underlain by units of the Huronian Supergroup, which strike northwest and dip steeply or vertically.

The southwest corner of the Township is an assemblage of Archean metavolcanics. The northwest-southeast trending contact between the two rock groups is a major unconformity. An Algomian-aged granitic complex intrudes the Archean metasediments in the extreme southwestern corner of Parkin Township. The Archean rocks are schistose and this schistosity trends from north-south to north-northwest".

"The first unit exposed at the bottom of the Huronian Supergroup is the Mississagi Formation composed of quartzites, argillites and conglomerates. Above the Mississagi Formation are quartzites and conglomerates of the Bruce Formation. This is followed by lenses and bands of Espanola Formation limestones with major greywacke units. The quartzites and conglomerates of the Serpent Formation is the last unit in the Bruce Group. The Gowganda Formation argillites, quartzites and conglomerates and quartzites of the Lorraine Formation comprise the Cobalt Group".

"The entire sequence is intruded by the quartz diabase and diorite dykes of the older Diabase Intrusion. Later the quartz diorite breccia of the Parkin offset dykes of the Nickel Irruptive cross part of the Huronian and Archean sequences near the Jonsmith Mine. A final Proterozoic olivine diabase intrudes Huronian sediments from Dean Lake southeastward for 6 miles beyond Kosmerly Lake".

"Large faults cut and displace the sequences and move large blocks out of sequence. The faults trend northwest, northeast and, less frequently, westward. The faults do exhibit a curvature".

"The Archean metavolcanic sequence is intensely folded about a

North 50 degree west axis. An F2 fold about a north 30 degree east axis is also documented. Huronian folds are more obscure but most of this sequence is folded into a near vertical orientation. The lack of clear marker horizons made fold definition difficult. Clearly, the malleable Espanola limestone has been distorted into wisps and lenses by the fold episode(s)".

RESULTS OF THE 1991 EXPLORATION PROGRAM

Introduction:

In accordance with the recommendations, Jarvis Resources Ltd. began field exploration work in June 1991, and continued until December 31, 1991. The main focus of this work was to further expand the dimensions of the original marble outcrop which had been drilled and stripped in 1990, and to begin assessing the marbles from both a technical and aesthetic viewpoint. Stripping, removal of overburden and block extraction took place in three areas, with the fourth to be explored in 1992.

Testing of the material was carried out in accordance with ASTM standards, and marbles from Jarvis' quarries tested either met or exceeded the industry requirements for Exterior Building Stone, ASTM 503-C (Marble) .

Approximately \$204,000 was expended on surface stripping and removal of cap rock on the three pits located on Parkin Township shown in Maps 1 and 2. A breakdown of surface work is as follows:

PIT	AREA STRIPPED	TONNAGE REMOVED	BLOCKS REMOVED
1	200"x300'	2,000 Tons	50 Tons
2	200'x300'	3,000 Tons	600 Tons
3	190'x350'	2,100 Tons	450 Tons
		=====	=====
	TOTALS:	7,100 Tons	1,100 Tons

Recommendations have been made for expansion of the three pits, in order to up-date reserves, and assess economic potential. Work is also planned for a newly-discovered fourth outcropping.

The three phases of the field work are summarized below:

Stripping of Overburden:

Initial work to remove the overburden was accomplished using a John Deere 850B bulldozer, in conjunction with a 690C John Deere excavator. The overburden was trucked and dumped on the sides of the existing roads according to the Ministry of Natural Resources specifications. The remaining rock surface was then washed clean with pressurized air and water.

Visual Inspection and Quarry Geology:

Three quarries account for the range of colours and shades of marble defined by Jarvis Resources Ltd. so far. Surface faults and cracks occur in the first 20' of the first two quarries, whereas the third pit has quality marble beginning at an 8' depth.

Pit #1 (Figure 2) has a variety of colours and shades, as shown in ~~Figure 2~~ ^{Feb 8, 1991 OMIP Summary Report}. The folding is not intense in this quarry, but faults and fissures occur. The host rock to the marble is silicified brecciated veined wallrock.

Pit #2 (Figure 3), which has similar banding to Pit #1, and the same wall rock, is an extension of the belting. The colours and shades have changed, but the textures and faulting are consistent. (See Figure 4).

Pit #3 (Figure 5), although part of the same structure, has a "tighter" consistency, and therefore faults and fissures do not

extend as deeply as in Pits 1 and 2. The folding is more intense in this pit, and carries a swirl-type effect in some of the marble colours.

All three pits are part of the same structure, and extend through a series of claims. The colours and textures change, but the true qualities of the marble are upheld throughout.

Cap Rock Removal:

The first stage in removing cap rock for visual inspection and certain technical testing of the marble consisted of drilling and blasting to prepare a face. A 7 foot face was created by drilling a 3" pattern of 1 1/8" holes using an air track drill. The holes were then loaded and blasted using low explosive polycord to minimize blast damage. A John Deere 690C excavator was used to remove the blasted rock, which remains piled at the site.

The second stage of the process was block extraction. To obtain a cleaner, less fractured marble block for samples, a Myers diamond belt saw was used. Blocks were cut to a 6'6" depth, with a surface area of 5' x 9'. The blocks were then "snapped off" using air bags placed in the widths of the saw cuts. In some instances, horizontal relief holes had to be drilled by jackleg on the bottom of the blocks to assist the air bags. The blocks were removed from the quarry, and placed on site, using an Omega 20 Ton mobile crane. One block of each colour was hauled to Sudbury to be cut and polished for samples. The samples were generally cut and polished into 12" x 12", 6" x 6" tiles, and polished slabs. Smaller 2" x 2" samples were also processed. Initial work was done by Khouri Marble and Granite of Sudbury. In August 1991, Jarvis Resources Ltd. acquired a radial arm polisher, enabling the company to prepare certain sample sizes on its own.

CONCLUSION

The company plans to continue the exploration and expansion of its marble deposits, as well as to study and establish the market for marble products such as tile and slab.

Field work will resume in May, 1992.



D. A. DUPUIS, H B.A.



KEVIN BULLOCK, ^{BEng}~~BSc Eng~~

APPENDIX AJARVIS RESOURCES LTD.OMIP EXPENDITURESPARKIN TOWNSHIP PROPERTYOMIP FILE - OM91-127

DATE	INVOICE #	COMPANY PAID	WORK PERFORMED	AMOUNT
25-06-91	JR-219	ERANA MINES LIMITED	MARKETING STUDIES	\$ 541.50
25-06-91	JR-221	ERANA MINES LIMITED	STRIPPING OVERBURDEN BLOCK REMOVAL SUPERVISION	16,547.38
26-06-91	JR-222	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK	18,068.75
28-06-91	JR-225	ERANA MINES LIMITED	MARKETING STUDIES	312.87
30-06-91	744	ERANA-PLAST LIMITED	STRIPPING OVERBURDEN ROAD WORK	620.00
08-07-91	JR-226	ERANA MINES LIMITED	STRIPPING OVERBURDEN BLASTING	15,973.25
09-07-91	VOUCHER #56	MARK JEWELL	MARKETING STUDIES	921.79
09-07-91	VOUCHER #57	MARK JEWELL	MARKETING STUDIES	197.76
09-07-91	0600042	ERANA MINES LIMITED	MARKETING STUDIES	1,825.27
10-07-91	JR-227	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK SUPERVISION	3,564.50
10-07-91	JR-228	ERANA MINES LIMITED	STRIPPING OVERBURDEN	5,001.44
11-07-91	JR-229	ERANA MINES LIMITED	MARKETING STUDIES	990.00
11-07-91	JR-230	ERANA MINES LIMITED	STRIPPING OVERBURDEN LINE CUTTING	629.00
11-07-91	JR-231	ERANA MINES LIMITED	MARKETING STUDIES	1,388.29
11-07-91	JR-232	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	2,503.01
11-07-91	010847	TRADELINK PUBLISHING COMPANY	MARKETING STUDIES	516.45
19-07-91	RM1052	TROW CONSULTING ENG. LTD.	MARKETING STUDIES LAB TESTING	3,220.70
25-07-91	JR-234	ERANA MINES LIMITED	MARKETING STUDIES	1,355.00

DATE	INVOICE #	COMPANY PAID	WORK PERFORMED	AMOUNT
25-07-91	JR-235	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK	2,087.23
25-07-91	JR-236	ERANA MINES LIMITED	SAMPLE PREPARATION	2,362.00
25-07-91	JR-236A	ERANA MINES LIMITED	SAMPLE PREPARATION LINE CUTTING	289.00
25-07-91	JR-237	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPERVISION	6,705.50
25-07-91	JR-238	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK SUPERVISION	16,682.75
25-07-91	JR-241	ERANA MINES LIMITED	STRIPPING OVERBURDEN	40.06
26-07-91	00005980	GEORGE A. GRAY CUSTOMS	STRIPPING OVERBURDEN FREIGHT	689.61
29-07-91	13746	TREVOR JONES	STRIPPING OVERBURDEN LINE CUTTING	1,246.80
31-07-91	746	ERANA-PLAST LIMITED	STRIPPING OVERBURDEN ROAD WORK	2,220.00
0-08-91	JR-58	OFFICE PETTY CASH	STRIPPING OVERBURDEN SUPPLIES	29.03
07-08-91	JR-241A	ERANA MINES LIMITED	MARKETING STUDIES	546.00
07-08-91	JR-242	ERANA MINES LIMITED	STRIPPING OVERBURDEN	5,944.50
08-08-91	00006497	GEORGE A. GRAY CUSTOMS	STRIPPING OVERBURDEN FREIGHT	69.41
15-08-91	VOUCHER #61	MARK JEWELL	MARKETING STUDIES	138.57
16-08-91	JR-243	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK SUPERVISION	15,718.50
16-08-91	JR-244	ERANA MINES LIMITED	SAMPLE PREPARATION	1,200.50
16-08-91	JR-246	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	5,430.48
19-08-91	1245682	COCHRANE-DUNLOP IND. PROD.	SAMPLE PREPARATION	55.66
20-08-91	TRJ-45	TRIANGLE DRILLING CO. LTD.	STRIPPING OVERBURDEN SUPPLIES	2,608.00
22-08-91	JR-248	ERANA MINES LIMITED	SAMPLE PREPARATION	789.00
22-08-91	JR-249	ERANA MINES LIMITED	SAMPLE PREPARATION	310.00

DATE	INVOICE #	COMPANY PAID	WORK PERFORMED	AMOUNT
22-08-91	JR-250	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK SUPERVISION	12,693.50
22-08-91	JR-251	ERANA MINES LIMITED	STONE REMOVAL	4,536.00
22-08-91	JR-252	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK	4,424.00
22-08-91	JR-253	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	1,590.55
22-08-91	JR-254	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	3,375.12
30-08-91	JR-255	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK	6,146.50
30-08-91	JR-256	ERANA MINES LIMITED	STONE REMOVAL SUPERVISION	3,057.00
30-08-91	JR-257	ERANA MINES LIMITED	STRIPPING OVERBURDEN ROAD WORK	7,587.00
30-08-91	JR-258	ERANA MINES LIMITED	SAMPLE PREPARATION	3,519.50
30-08-91	JR-259	ERANA MINES LIMITED	MARKETING STUDIES	987.00
30-08-91	JR-260	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	1,578.46
30-08-91	JR-261	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	238.61
30-08-91	52674	BOYES EXPLOSIVES	STRIPPING OVERBURDEN BLASTING SUPPLIES	456.00
31-08-91	748	ERANA-PLAST LIMITED	STRIPPING OVERBURDEN ROAD WORK	1,210.00
05-09-91	38534	QUEBEC CITY CONVENTION CENTRE	MARKETING STUDIES	102.60
05-09-91	VOUCHER #62	OFFICE PETTY CASH	MARKETING STUDIES	323.59
05-09-91	JR-264	ERANA MINES LIMITED	STRIPPING OVERBURDEN	4,532.00
13-09-91	544498	W. HYYTIAINEN FUELS LTD.	STRIPPING OVERBURDEN SUPPLIES	2,047.50
13-09-91	502829	FLYGT CANADA	STRIPPING OVERBURDEN EQUIPMENT RENTAL	613.60
18-09-91	VOUCHER #64	OFFICE PETTY CASH	MARKETING STUDIES	239.31
19-09-91	JR-263	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	6,152.75

DATE	INVOICE #	COMPANY PAID	WORK PERFORMED	AMOUNT
23-09-91	JR-264	ERANA MINES LIMITED	STRIPPING OVERBURDEN DRILLING, BLASTING STONE REMOVAL	3,905.50
23-09-91	JR-265	ERANA MINES LIMITED	STONE REMOVAL	739.00
23-09-91	JR-266	ERANA MINES LIMITED	SAMPLE PREPARATION	243.50
23-09-91	JR-267	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	556.07
23-09-91	JR-267A	ERANA MINES LIMITED	SAMPLE PREPARATION	68.75
24-09-91	JR-268	ERANA MINES LIMITED	STRIPPING OVERBURDEN STONE REMOVAL SUPPLIES	1,112.13
24-09-91	JR-269	ERANA MINES LIMITED	STONE REMOVAL	281.60
24-09-91	JR-270	ERANA MINES LIMITED	MARKETING STUDIES OFFICE RENTAL	250.00
25-09-91	VOUCHER #63	MARK JEWELL	MARKETING STUDIES	420.88
25-09-91	VOUCHER #65	MARK JEWELL	MARKETING STUDIES	426.02
25-09-91	VOUCHER #66	MARK JEWELL	MARKETING STUDIES	662.76
25-10-91	25488	DERUSHA SUPPLY	SAMPLE PREPARATION SUPPLIES	265.75
01-10-91	645-178	W. HYYTIAINEN FUELS LTD.	STRIPPING OVERBURDEN SUPPLIES	454.70
04-10-91	JR-277	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	595.18
04-10-91	JR-278	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	506.38
04-10-91	JR-279	ERANA MINES LIMITED	STRIPPING OVERBURDEN SUPPLIES	521.14
04-10-91	JR-280	ERANA MINES LIMITED	SAMPLE PREPARATION SHOP RENTAL	1,284.00
04-10-91	24933	MARLIN TRAVEL	MARKETING STUDIES TRAVEL	298.90
07-10-91	VOUCHER #67	OFFICE PETTY CASH	MARKETING STUDIES	128.39
07-10-91	JR-281	ERANA MINES LIMITED	STRIPPING OVERBURDEN DRILLING, BLASTING	4,386.00
07-10-91	JR-282	ERANA MINES LIMITED	STONE REMOVAL	157.50
07-10-91	JR-283	ERANA MINES LIMITED	STRIPPING OVERBURDEN	5,476.00

DATE	INVOICE #	COMPANY PAID	WORK PERFORMED	AMOUNT
07-10-91		A. JEROME VOUCHERS	STONE REMOVAL TRAVEL	119.62
11-10-91	JR-286	ERANA MINES LIMITED	STRIPPING OVERBURDEN EQUIPMENT RENTAL	3,298.00
11-10-91	JR-286A	ERANA MINES LIMITED	MARKETING STUDIES OFFICE RENTAL	250.00
11-10-91	VOUCHER #70	MARK JEWELL	MARKETING STUDIES	213.45
15-10-91	76760	KHOURI GRANITE LIMITED	SAMPLE PREPARATION	440.00
20-10-91	0002450	DISCOUNT CAR & TRUCK RENTALS	MARKETING STUDIES	524.65
22-10-91		WISEMAN MINING CONSULTANTS LTD	STRIPPING OVERBURDEN CONSULTING	3,524.00
22-10-91	53293	BOYES EXPLOSIVES LIMITED	STRIPPING OVERBURDEN BLASTING SUPPLIES	456.00
28-10-91	JR-289	ERANA MINES LIMITED	MARKETING STUDIES	2,448.50
28-10-91	JR-290	ERANA MINES LIMITED	STONE REMOVAL	7,125.25
28-10-91	JR-291	ERANA MINES LIMITED	STONE REMOVAL	1,892.25
28-10-91	JR-292	ERANA MINES LIMITED	STONE REMOVAL SUPPLIES	736.76
28-10-91		STAFF EXP - MIA CONVENTION	MARKETING STUDIES	940.00
29-10-91	JR-294	ERANA MINES LIMITED	MARKETING STUDIES	332.36
29-10-91	JR-297	ERANA MINES LIMITED	STRIPPING OVERBURDEN DRILLING, BLASTING	955.00
29-10-91	JR-298	ERANA MINES LIMITED	STONE REMOVAL	1,219.50
29-10-91	JR-299	ERANA MINES LIMITED	STONE REMOVAL	4,574.50
29-10-91	JR-301	ERANA MINES LIMITED	MARKETING STUDIES	4,168.00
30-10-91	JR-302	ERANA MINES LIMITED	STRIPPING OVERBURDEN EQUIPMENT RENTAL	2,782.00
30-10-91	PCJ-06	MARK JEWELL	MARKETING STUDIES	1,985.65
31-10-91	752	ERANA-PLAST LIMITED	STONE REMOVAL	1,050.00
03-11-91	JR-275	ERANA MINES LIMITED	SAMPLE PREPARATION	622.16
06-11-91		MARK JEWELL	MARKETING STUDIES TRAVEL	100.87
07-11-91	VOUCHER #69	OFFICE PETTY CASH	MARKETING STUDIES	354.47

DATE	INVOICE #	COMPANY PAID	WORK PERFORMED	AMOUNT
07-11-91	JR-284	ERANA MINES LIMITED	SAMPLE PREPARATION	2,427.25
09-11-91		TRADELINK PUBLISHING CO.	MARKETING STUDIES	1,895.00
14-11-91	JR-304	ERANA MINES LIMITED	SAMPLE PREPARATION	3,026.50
14-11-91	JR-305	ERANA MINES LIMITED	STONE REMOVAL DRILLING, BLASTING	2,002.75
11-12-91	PAYROLL	EMPLOYEE WAGES (GROSS)	MARKETING STUDIES (\$737.50/WK - 16 WKS)	11,800.00
11-12-91	PAYROLL	EMPLOYEE WAGES (GROSS)	SAMPLE PREPARATION (DIAMOND SAW OPERATOR 555 REG. HRS @ \$11.00/HR)	17,251.75
11-12-91		CHRYSLER CREDIT LTD.	MARKETING STUDIES (VEHICLE LEASE - \$441.73 - 4 MONTHS)	1,766.92
03-10-91	JR-274	ERANA MINES LIMITED	MARKETING STUDIES TELEPHONE	547.80
03-10-91	JR-274	ERANA MINES LIMITED	MARKETING STUDIES TELEPHONE	640.02
11-12-91		5% MANAGEMENT AND ADMINISTRATION FEES		14,948.06
				<u>298,961.28</u>
				<u>\$ 313,909.34</u>

SUMMARY OF EXPENDITURES

SURFACE STRIPPING AND REMOVAL OF CAP ROCK	\$ 203,552.89
SURFACE DIMENSION - STONE REMOVAL	27,491.73
SAMPLE PREPARATION FOR MARKETING (CUTTING, POLISHING, ETC.)	24,155.32
MARKETING STUDIES	43,761.34
	<u>\$ 298,961.28</u>

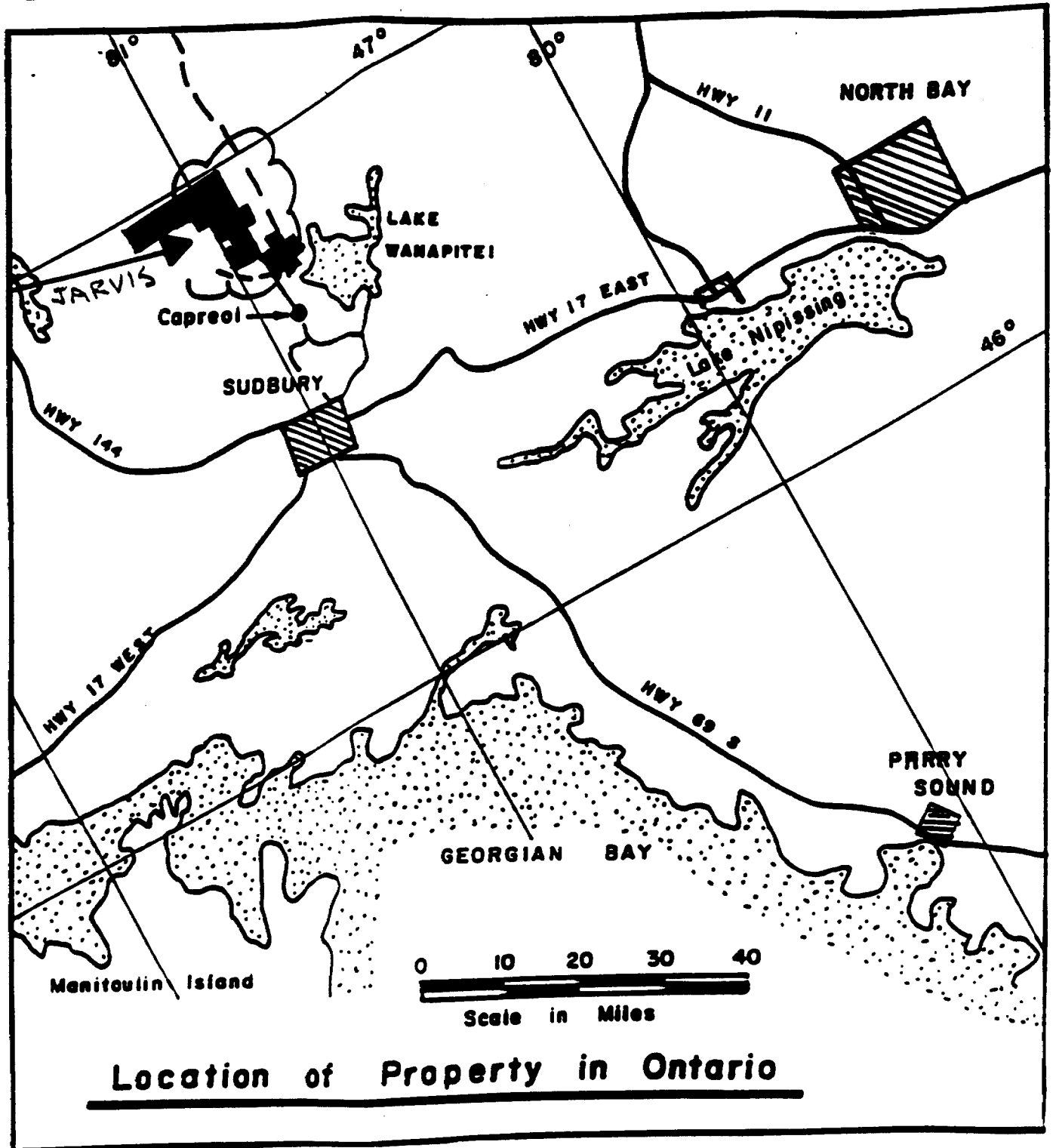
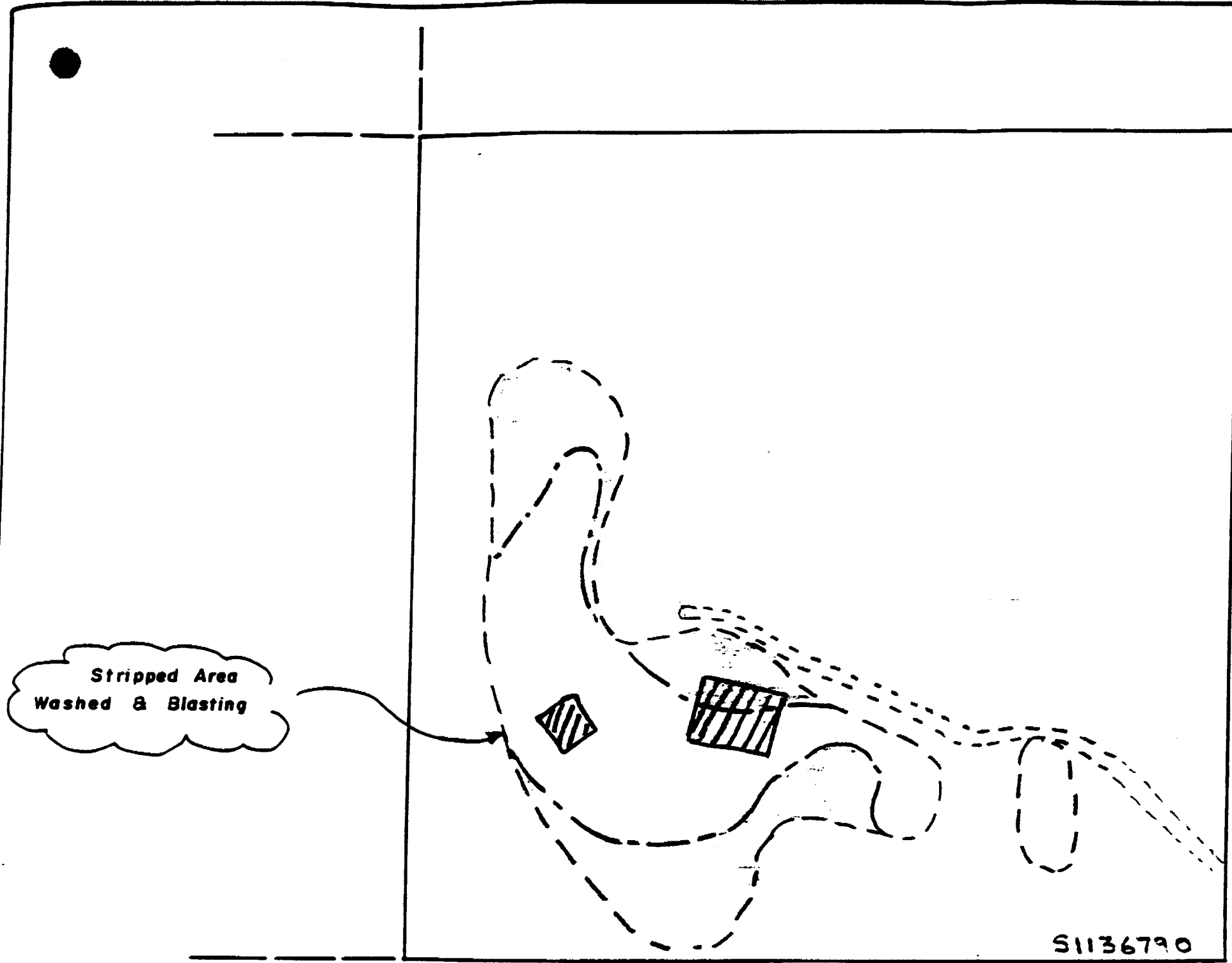





FIG. 1



LEGEND

-  1990 STRIPPED
-  1991 STRIPPED
-  MYERS DIAMOND SAW WORK

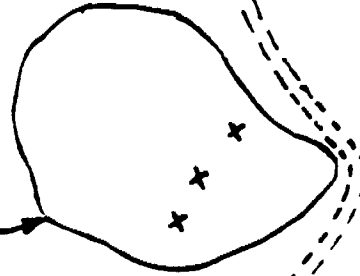
Stripped Area
Washed & Blasting

S1136790

SCALE 1" = 200'

Jarvis Resources Ltd.		
Parkin Twp.		
Plan of D. D. Holes in		
Claim 1136790		PIT 1
Scale : 1" = 200'	Date : Feb. 91	FIG 2
Dwg : S. Bell		







Stripped Area
Washed & Blasting

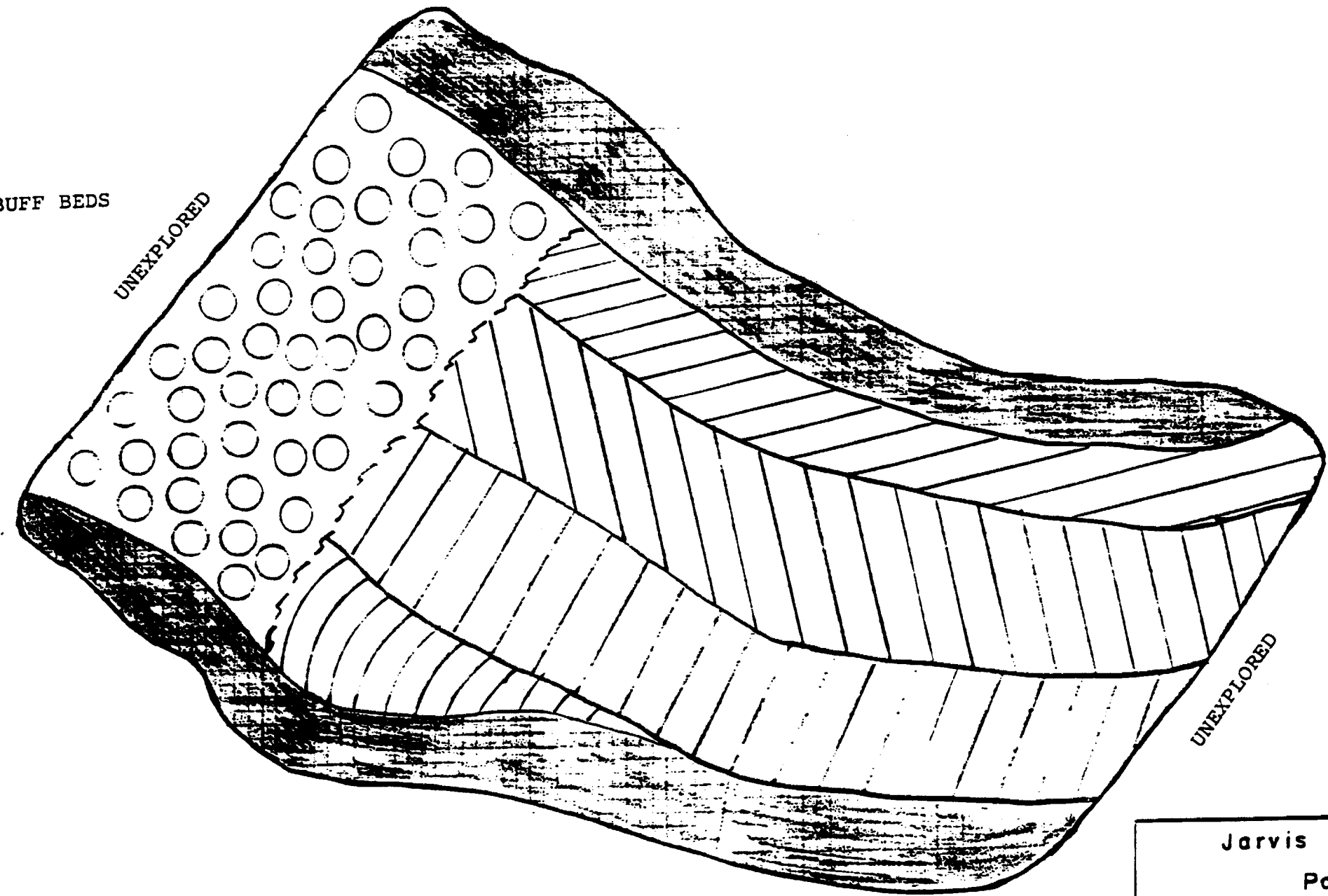


8545:0

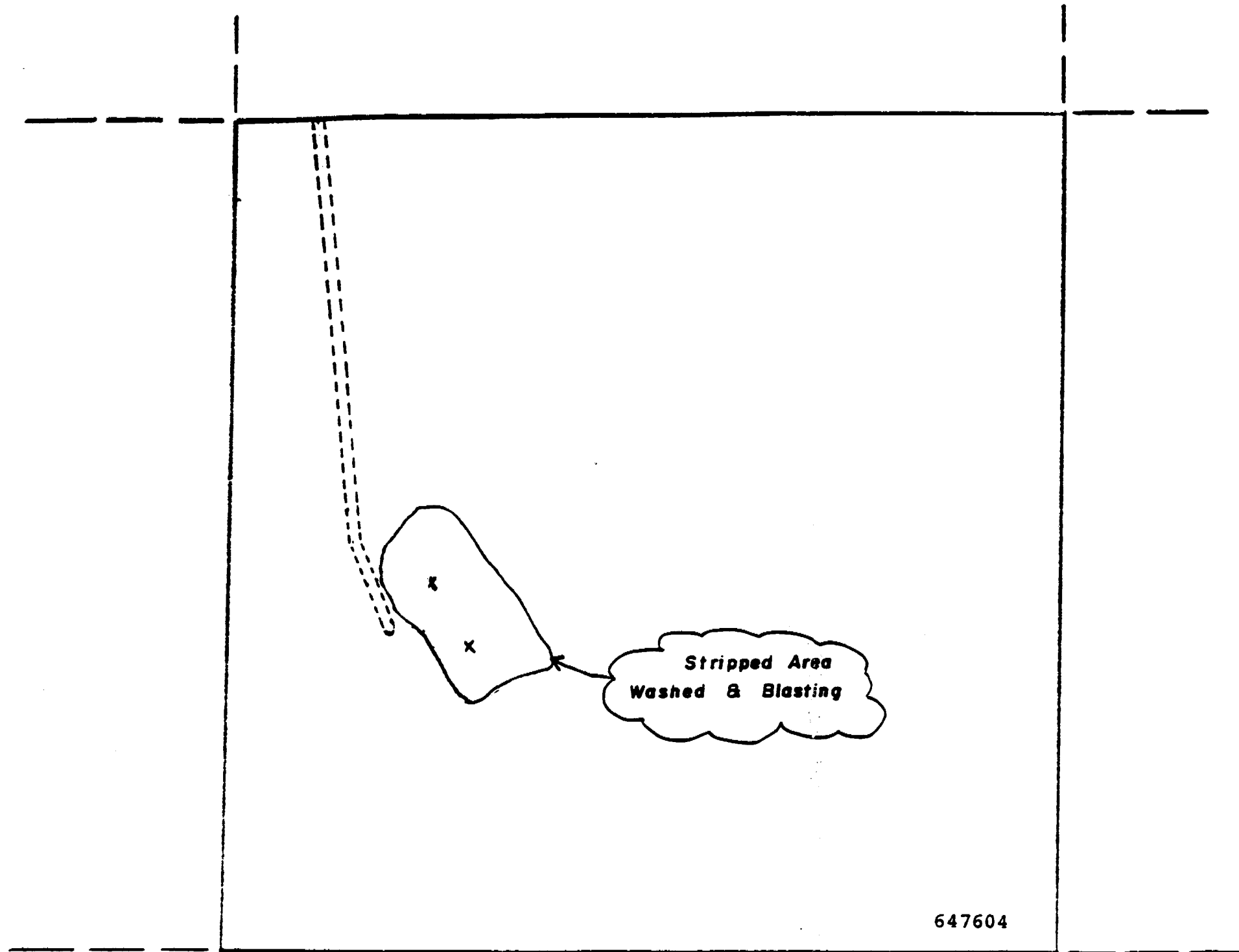
x = Block Removal Sites

Jarvis Resources Ltd. Parkin Twp.	
Claim 854519 PIT 2	
Scale : 1" = 200'	Date : Feb. 32
Dwg : KB	FIG 3

-  BROWN WEATHERED FRACTURED ZONE
-  GREY-PINK WOODGRAIN
-  DARK GREEN WITH BLACK BANDS
-  GREEN GREY CLOUDED BEDS
-  LIGHT GREEN WITH BLACK AND BUFF BEDS
-  GREY-BROWN SWIRL



Jarvis Resources Ltd. Parkin Twp.	
Marble Deposit PIT 2	
Scale : 1" = 40'	Date: Feb. 92
Dwg: <i>LB</i>	FIG 4



647604

x = Block Removal Sites

Jarvis Resources Ltd.
Parkin Twp.

Claim 647604
PIT #3

Scale : 1" = 200' Date : Feb. '92

Dwg: KB

FIG 5



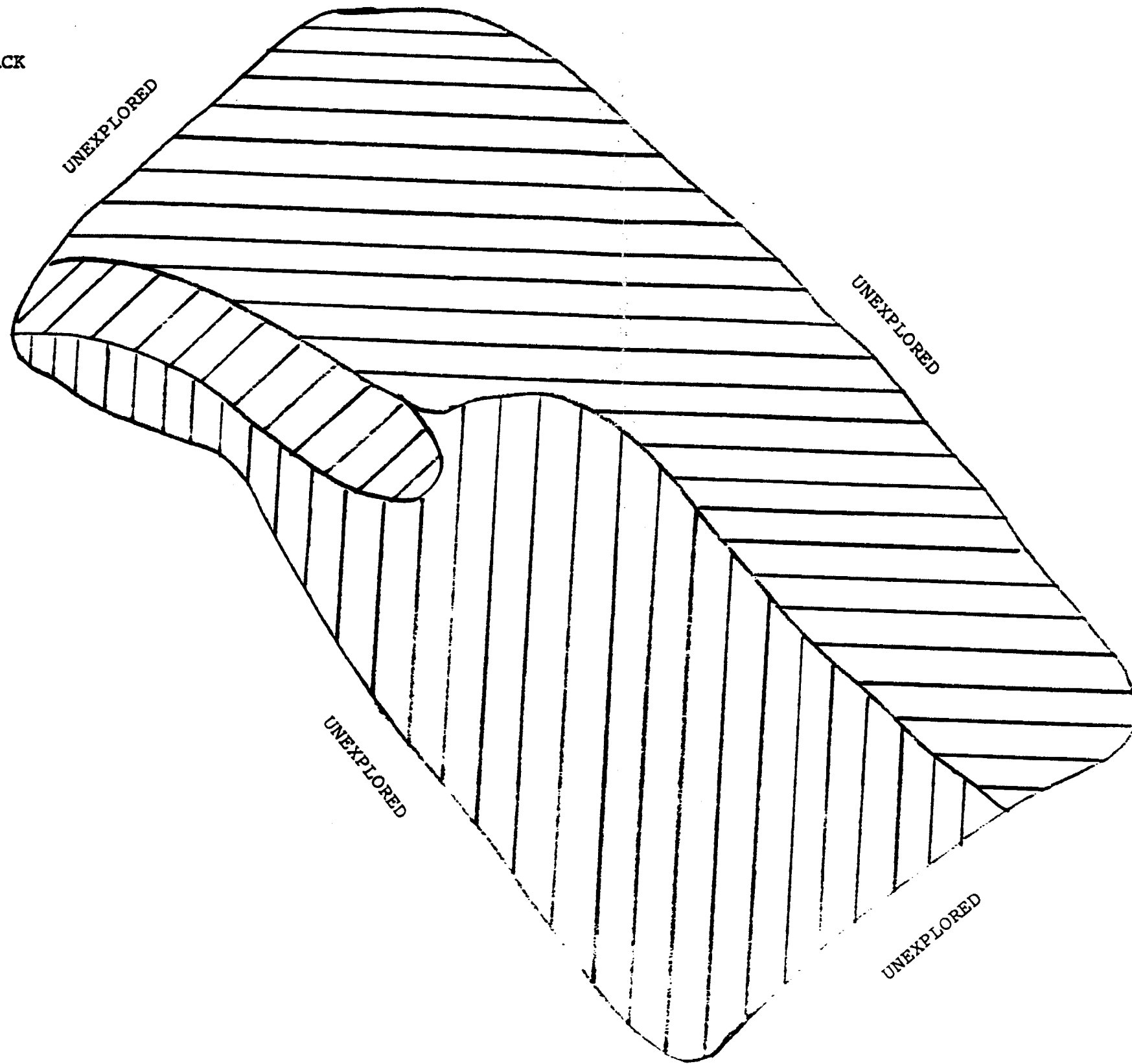
GREY TAUPE



LIGHT GREEN AND BLACK



GREY BLACK



Jarvis Resources Ltd.

Parkin Twp.

Marble Deposit

PIT #3

Scale : 1" = 40' Date : Feb. '92

Dwg : *LIS* FIG 6

TEST RESULTS:

Specimen	Bulk Specific Gravity	Average Weight, g	Weight Loss, g	Abrasion Resistance
1	2.715	182.07	1.87	15.81
2	2.709	180.56	1.06	15.73
3	2.715	169.63	1.70	15.75
Average	2.713			15.76

ASTM Standard C 503-89 specifies a minimum abrasion index of 10 for stone subject to foot traffic and 12 for stone subject to heavy foot traffic.

Robert C. Smith
 Robert C. Smith
 P.

Five

GENERAL

• Biology • Chemistry • Environmental • Materials • Facilities in Principal Cities •

UNITED STATES TESTING COMPANY, INC. REPORTS AND LETTERS ARE FOR THE PERSONAL USE OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEY AND THE NAME OF THE UNITED STATES TESTING COMPANY INC. ON ITS SEALS OR THEREON ARE NOT TO BE USED UNDER ANY CIRCUMSTANCES IN ADVERTISING TO THE GENERAL PUBLIC AND THEIR COMMUNICATION BY ANY OTHERS OR THE USE OF THE NAME OF UNITED STATES TESTING COMPANY INC. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. OUR REPORTS APPLY ONLY TO THE STANDARDS OR PROCEDURES REFERRED TO IN THE TESTS CONDUCTED AND TO THE SAMPLES TESTED AND/OR INSPECTIONS MADE, UNLESS OTHERWISE SPECIFIED. THIS TEST AND/OR INSPECTION REFLECTS AN INDICATIVE OR REPRESENTATIVE OF THE QUALITIES OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR IS APPARENTLY IDENTICAL OR SIMILAR PRODUCTS AND NOTHING CONTAINED IN OUR REPORTS SHALL BE DEEMED TO APPLY OR IMPLY THAT UNITED STATES TESTING COMPANY INC. CONDUCTS ANY QUALITY CONTROL PROGRAM FOR THE CLIENT TO WHOM THE REPORT IS ISSUED. SAMPLES NOT TESTED MUST BE RETAINED A MAXIMUM OF THIRTY DAYS AT WHICH

United States Testing Company, Inc.

93-0042

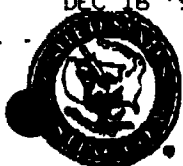
Jarvis Resources Ltd.

3/22/93

Page 2 of 2

Abrasion Index (ASTM C 241):

<u>Specimen</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>Average</u>
Thickness, in.:	1.015	1.036	0.990	-----
Load, g:	1997.29	1993.71	2001.72	-----
Average Wt., g:	182.07	180.56	169.63	-----
Weight Loss, g:	1.88	1.06	1.70	-----
Abrasion Index:	15.81	15.73	15.75	15.76
Bulk Specific Gravity:	2.715	2.709	2.715	2.713



United States Testing Company, Inc.

1341 NORTH 108th EAST AVENUE • TULSA, OKLAHOMA 74116 • 918-437-8333 • Fax: 918-437-8487

REPORT OF TEST

CLIENT: Jarvis Resources
106 Fielding Road
Lively, Ontario, POM 2E0
Canada

Report No.: EN93-0016

Date: 2/12/93

M O Y

Attn: Mark Jewell

SUBJECT: Tests for MIA Color Plate Book.

MATERIAL TESTED:

Stone specimens were submitted by the client who identified them as Autumn Taupe.

PROCEDURE:

The specimens were tested for absorption and specific gravity, compressive strength, abrasion index, and flexural strength in accordance with ASTM Methods C 97-83 (1988), C 170-87, C241-85, and C 880-89, respectively.

AVERAGE RESULTS:

Specimen	Water Absorption %	Density lbs/ft ³	Compressive Strength Psi	Flexural Strength Psi	Abrasion Index
1	0.05	168.98	18,081	1655	22.28
2	0.04	169.73	18,848	1577	21.76
3	0.05	169.42	14,838	1799	20.73
4	----	----	22,210	1832	----
5	----	----	19,867	1078	----
Average	0.05	169.38	18,720	1590	21.59
Average	----	2714 Kg/m ³	129.40 MPa	1096 Mpa	----

Post-It™ brand fax transmittal memo 7871 # of copies = 2

To: <u>JEWELL</u>	From: <u>SMITH</u>
Co.:	Co.:
Dept.:	Phone #:
Fax # <u>705.682.2447</u>	Fax # <u>918.437.8487</u>

Robert C. Smith
Robert C. Smith, M.Sc., P.E.
Assistant Vice President

Page 1 of 2



• Biology • Chemistry • Environmental • Materials • Facilities in Principal Cities •

UNITED STATES TESTING COMPANY SHALL NOT BE RESPONSIBLE FOR THE EXCLUSIVE USE OF THE QUALITY TO WHICH THEY ARE ACKNOWLEDGED AND THEY AND THE NAME OF THE UNITED STATES TESTING COMPANY INC. OR ITS SEALS OR LOGOS ARE NOT TO BE USED UNDER ANY CIRCUMSTANCES IN ADVERTISING TO THE GENERAL PUBLIC AND THE COMPANY ASSUMES NO LIABILITY TO ANY OTHERS ON THE USE OF THE NAME OF UNITED STATES TESTING COMPANY INC. WITHOUT PRIOR WRITTEN APPROVAL. OUR REPORTS APPLY ONLY TO THE MATERIALS AND METHODS IDENTIFIED TO THE TESTS CONDUCTED AND TO THE SAMPLES TESTED AND/OR INSPECTED. IN CASE OTHERWISE SPECIFIED THE TEST AND/OR INSPECTION RESULTS ARE NOT INDICATIVE OR REPRESENTATIVE OF THE QUALITY OF THE LOT FROM WHICH THE SAMPLE WAS TAKEN OR OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS AND WITHOUT OTHER AID IN OUR REPORTS SHALL BE DEEMED TO BE THE MEAN THAT IN THE UNITED STATES TESTING COMPANY.

Absorption & Specific Gravity (ASTM C 97):

Specimen:	1	2	3	Average
Dry Weight, g:	357.30	364.32	365.71	-----
Wet Weight, g:	357.49	364.46	365.89	-----
Volume, cm ³ :	131.96	133.94	134.72	-----
Absorption, %:	0.05	0.04	0.05	0.05
Specific Gravity:	2.708	2.720	2.715	2.714
Density, lbs/ft ³ :	168.98	169.73	169.42	169.38

Compressive Strength (ASTM C 170):

Specimen	Width, in.	Thickness, in.	Ultimate Load, lbs.	Compressive Strength, psi
1	2.052	1.981	73,500	18,081
2	2.015	2.067	78,500	18,848
3	2.077	2.028	62,500	14,838
4	2.061	1.977	90,500	22,210
5	2.073	1.978	81,500	19,876
Average				18,770

Abrasion Index (ASTM C 241):

Specimen:	1	2	3	Average
Thickness, in.:	0.992	0.998	0.003	-----
Load, g:	2001.44	2000.36	1999.47	-----
Average Weight, g:	177.49	177.59	175.67	-----
Weight Loss, g:	1.44	1.48	1.55	-----
Abrasion Index:	22.28	21.76	20.73	21.59
Bulk Specific Gravity:	2.699	2.698	2.706	2.701

Flexural Strength (ASTM C 880):

Specimen	Width, in.	Thickness, in.	Ultimate Load, lbs.	Flexural Strength, psi
1	1.545	1.015	295	1,655
2	1.542	1.018	280	1,577
3	1.570	1.027	331	1,799
4	1.559	1.012	325	1,832
5	1.564	1.015	193	1,078
Average				1,590

ASSESSMENT WORK REPORT - EQUIPMENT USAGE
 JARVIS RESOURCES LTD. - PARKIN TWP. (MARBLE)

PIT #3

Note: GST extra on rates

Contractor - Erana Mines Ltd.

<u>DATE(S) COVERED</u>	<u>EQUIPMENT</u>		<u>RENTAL</u>	<u>OPERATOR</u>	
	<u>Type of Equipment</u>	<u>Rate</u>	<u>Time</u>	<u>Hours</u>	<u>Rate</u>
Aug. 4-17/91	JD-850 Bulldozer	80.00/hr	23.5 hr.	23.5	17.00/hr
Aug 18-30/91	"	80.00/hr	25 hr	25	17.00/hr
Aug. 4-17/91	Heavy Truck	35.00/hr	3 hr.	3	15.00/hr
Aug. 18-30/91	690 C Excavator	65.00/hr	18 hr	18	15.00/hr



Ontario



411155W9701 2.15236 PARKIN

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Section
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

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

Our File: 2.15236
Transaction #: W9370.00077

January 5, 1994

MINING RECORDER
Ministry of Northern
Development and Mines
933 Ramsey Lake Road
3rd Floor
Sudbury, Ontario
P3E 6B5

Dear Sir/Madam:

**RE: APPROVAL OF ASSESSMENT WORK SUBMITTED FOR INDUSTRIAL MINERAL
TESTING ON MINING CLAIM 8647602 IN PARKIN TOWNSHIP**

A Notice of Deficiency was not issued on this Report of Work prior to the 90 day deemed approval date and as outlined in subsection 6(5) of the Mining Act Regulations this Report of Work is deemed approved as of DECEMBER 16, 1993.

Please indicate this approval on your records.

If you require further information please contact Lucille Jerome at (705) 670-5855.

Yours sincerely

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

LJ/lis

cc: Resident Geologist
Sudbury, Ontario

✓ Assessment Files Library
Toronto, Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number
W9370.00077

2.15236

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 8A5, 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) JARVIS RESOURCES LTD.		Client No. 148720
Address 106 Fielding Road, Lively, Ontario POM 2E0		Telephone No. (705) 682-0649
Mining Division SUDBURY	Township/Area PARKIN TWP.	M or G Plan No. G-2915
Dates Work Performed From: August 4/91		To: August 30/91

Work Performed (Check One Work Group Only)

Work Group	Type
<input type="checkbox"/> Geotechnical Survey	
<input checked="" type="checkbox"/> Physical Work, Including Drilling	Stripping, trenching, drifting, blasting ^{mantle} for sample blocks
<input type="checkbox"/> Rehabilitation	
<input type="checkbox"/> Other Authorized Work	SECTION 18 ONLY ^{metallurgical Testing & Bulk sampling}
<input type="checkbox"/> Assays	
<input type="checkbox"/> Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs \$ 6,507.21

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.

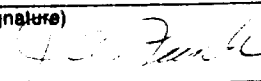
Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Erana Mines Ltd.	106 Fielding Road, Lively, Ontario POM 2E0
	W9370
	RECORDED
	SEP 17 1993
(attach a schedule if necessary)	Receipt <u>mt</u>

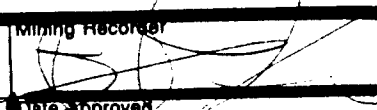
Certification of Beneficial Interest * See Note No. 1 on reverse side

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 Sept. 16/93	Recorded Holder or Agent (Signature) Joanne A. Funk
--	----------------------------	---

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 POM 3E0		
Telephone No. (705) 682-2606	Date September 16/93	Certified By (Signature) 

For Office Use Only

Date Value Cr. Recorded	Date Recorded Sept 17 1993	Mining Recorder 	Received Stamp
	Deemed Approval Date	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	S 647602	1
Total Number of Claims		1

Value of Assessment of Work Done on this Claim	Value Applied to this Claim
6,507.	0
Total Value Work Done	
6,507.	0
Total Value Work Applied	

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
0	6,507.
Total Assigned From	
0	6,507.
Total Reserve	


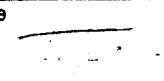
Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

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 prioritized on the attached appendix.

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

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

ote 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 
--	---	---



**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
W 4370.00077

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 reporting 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) 870-7264.

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, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 870-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	6,426.42	
	Field Supervision Supervision sur le terrain		6,426.42
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type		
Supplies Used Fournitures utilisées	Type Explosives	162.64	
			162.64
Equipment Rental Location de matériel	Type JD 850 Bulldozer	4,151.60	
	690C Excavator	1,251.90	
	Heavy truck	112.35	5,515.85
Total Direct Costs Total des coûts directs			12,104.91

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 Personnel + Services	909.50	
	Supplies		
			909.50
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			909.50
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			909.50
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			13,014.41

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
13,014.41	6,507.21

$13,014.41 \times 0.50 = 6,507.21$

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
	$\times 0.50 =$

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 Administrator I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

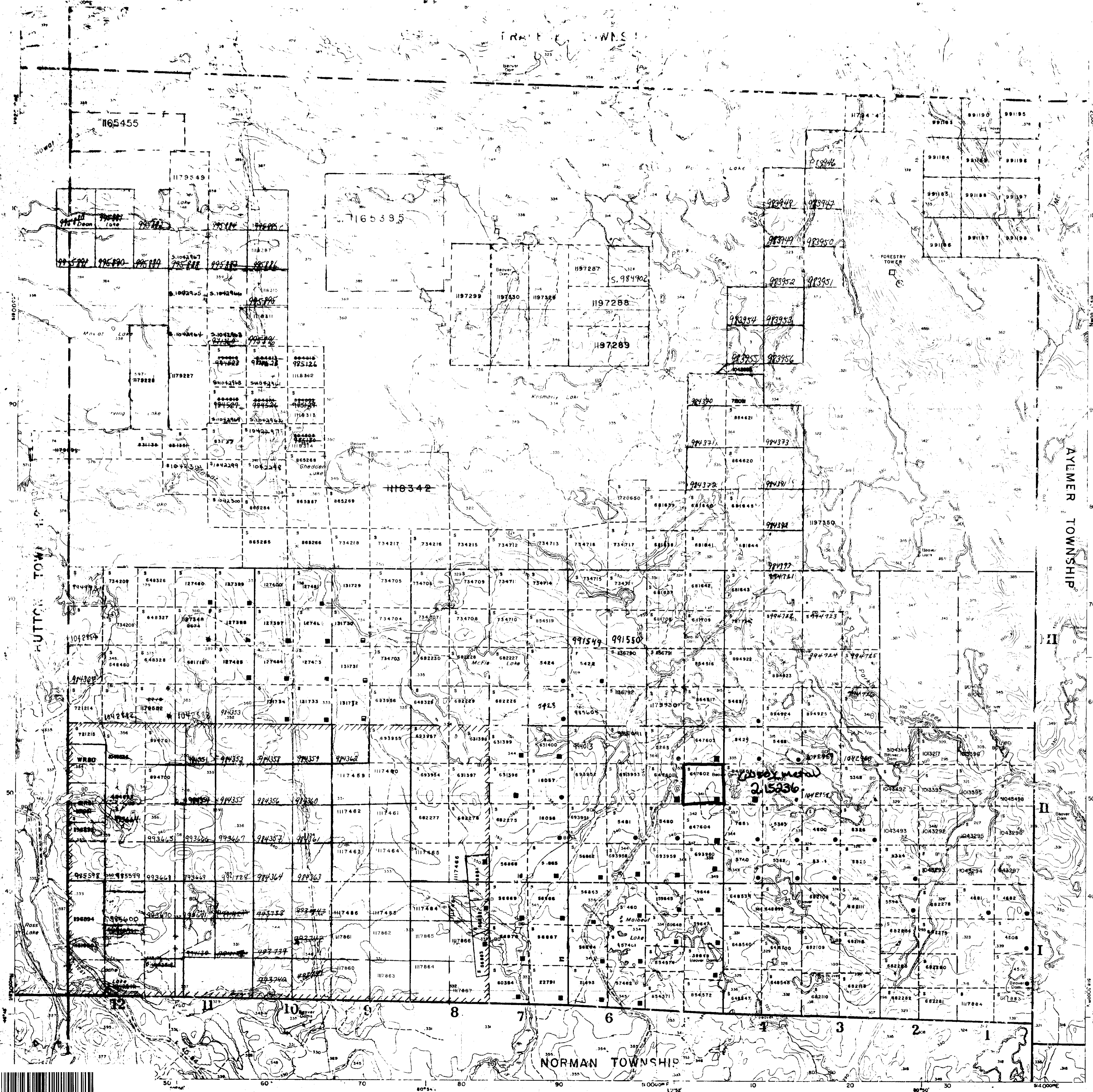
J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

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

à faire cette attestation.

Signature J. A. Frank Date Sept. 16/93

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

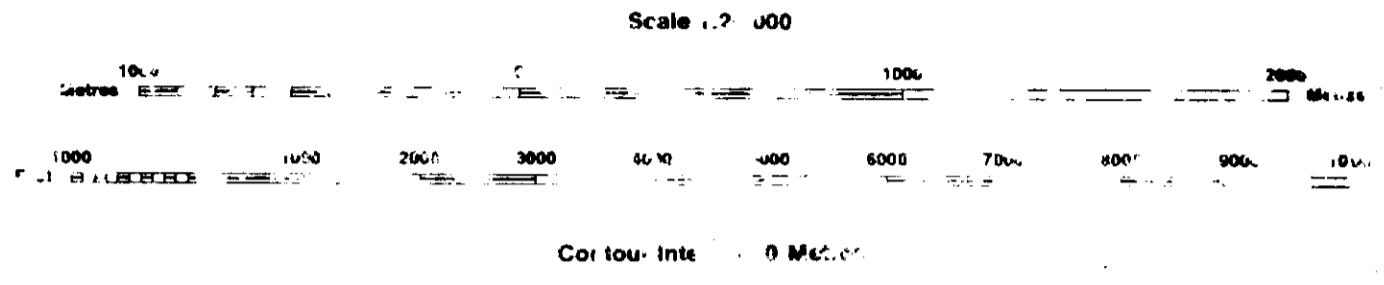


DISPOSITION

PARKIN

SUBURBY
MINING RIGHTS
LAND REGISTRY
SUBURBY

2.15236



AREAS WITHDRAWN FROM DISPOSITION

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

SYMBOLS

Description	Symbol
Boundary	
Township, Meridian, Baseline	—
Road allowance, survey	—
shoreline	—
Lot/Concession, surveyed	—
unsurveyed	—
Parcel, surveyed	—
unsurveyed	—
Railway, road	—
railway	—
utility	—
Foreclosure	—
Cliff, Pit, Pile	—
Contour	—
Intermittent	—
Approximate	—
Depression	—
Control point (horizontal)	—
Flooded land	—
Mine head frame	—
Pipeline (above ground)	—
Railway, single track	—
double track	—
abandoned	—
Road, highway, county, township	—
road	—
trail, bush	—
Shoreline (original)	—
Transmission line	—
Wooded area	—

DATE OF ISSUE
1993
SUBURBY
MINING RECORDERS' OFFICE

MINING & SURFACE RIGHTS OPENED JUNE 1, 1998

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	○
Re-creation	○
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.

NOTE: TOWNSHIP SUBDIVISION PARTIALLY ANNULLED MARCH 8, 1949

IN AREA MARKED THIS STAKING ALLOWED AS IN UNSUBDIVIDED TOWNSHIP SECTION 45 MINING ACT.



BY M.S. 19

2185-1