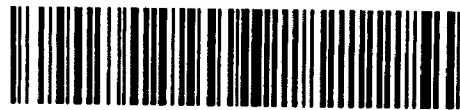


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OMIP SUMMARY REPORT
ON THE
DIAMOND DRILLING, STRIPPING, BLOCK REMOVAL
AND
SAMPLE CUTTING AND POLISHING PROGRAM
ON THE
MARBLE DEPOSIT
OF
JARVIS RESOURCES LTD.
PARKIN TOWNSHIP
SUDBURY MINING DIVISION
ONTARIO

FEBRUARY 8, 1991
SUDBURY, ONTARIO

DAVID W. CONSTABLE
CONSULTING GEOLOGIST

OMIP FILE NO. OM90-174

63.6018

OM 90-174

SUMMARY

JARVIS RESOURCES LTD. OWNS A 100 PERCENT INTEREST IN A CONTIGUOUS BLOCK OF EIGHT (8) UNPATENTED, MINING CLAIMS IN CENTRAL PARKIN TOWNSHIP. THE CLAIMS LIE 25 MILES NORTHEAST OF SUDBURY AND COVER APPROXIMATELY 320 ACRES. ISAAC BURNS METALS INC. HOLDS A PER TON ROYALTY FROM THE PRODUCTION.

THE PROPERTY IS UNDERLAIN BY THE HURONIAN SUPERGROUP AND EASILY ACCESSIBLE VIA HIGHWAY 545 AND FAIRWEATHER BUSH ROADS. SPECIFICALLY A BAND OF UNMAPPED ESPANOLA FORMATION LIMESTONE TRENDS NORTH-SOUTH ACROSS CLAIM S.1136790. THE BED DIPS STEEPLY EASTWARD AND HIGH HEAT AND PRESSURE HAS RESULTED IN THE LIMESTONE RE-CRYSTALLIZING INTO MARBLE. FROM SEPTEMBER TO OCTOBER 1990 JARVIS COMPLETED DIAMOND DRILL HOLES PT-90-1 TO 6. FROM OCTOBER 27 TO NOVEMBER 20 JARVIS RESOURCES LTD. COMPLETED HOLES PT-90-7 TO 13, INCLUSIVE. THESE HOLES TOTALLED 2765.5 FEET AND CONFIRMED AND DELINEATED A 200-FOOT WIDE MARBLE BAND. THE TARGET AREA WAS STRIPPED AND BLOWN CLEAN USING COMPRESSED AIR. ONCE EXPOSED THE MARBLE WAS MAPPED IN DETAIL. MARBLE COLOURS VARY FROM LIGHT GREEN, PINK AND BUFF THROUGH DARK GREEN, GREY, GREY WITH BLACK BANDS AND WHITE WITH BLACK BANDS.

SELECTED AREAS WERE DRILLED AND BLASTED TO REMOVE BLOCKS. THE BLOCKS WERE TRANSPORTED TO LIVELY. SOME OF THE BLOCKS WERE SENT TO A CUTTING FIRM TO BE CUT AND POLISHED INTO TILES AND SLABS. CORE SAMPLES WERE ALSO SENT OUT FOR PHYSICAL TESTING. UNIAXIAL COMPRESSOR STRENGTHS, ABSORBENCY (POROSITY) AND SPECIFIC GRAVITY WERE ALL WELL ABOVE INDUSTRY STANDARDS.

AS A RESULT OF THIS INITIAL WORK JARVIS RESOURCES LTD. HAS PURCHASED FIFTEEN (15) ADDITIONAL CONTIGUOUS, UNPATENTED MINING CLAIMS, WHICH HOST LENSES OF VARIOUS COLOUR MARBLES. EXPLORATION OF THIS AREA WILL BE NECESSARY IN THE SPRING OF 1991. MEANWHILE, MARKETING OF THE MARBLE WILL ACCELERATE.

INTRODUCTION

FROM EARLY SEPTEMBER, 1990 TO DECEMBER 21, 1990 JARVIS RESOURCES LTD. COMPLETED AN EXTENSIVE EXPLORATION PROGRAM ON A CONTIGUOUS BLOCK OF EIGHT (8) UNPATENTED MINING CLAIMS SITUATED IN CENTRAL PARKIN TOWNSHIP. INITIAL WORK CONSISTED OF BQ CORE DIAMOND DRILLING OF HOLES PT-90-1 TO 6, INCLUSIVE. THESE HOLES WERE ALREADY SUBMITTED FOR ASSESSMENT CREDITS AND SINCE THEY PRECEDE THE OMIP OCTOBER 24, 1990 DESIGNATION DATE THEY DO NOT FORM PART OF THIS REPORT. THIS REPORT COVERS DIAMOND DRILLING OF HOLES PT-90-7 TO 12, INCLUSIVE, FOR A TOTAL OF 2765.5 FEET. THIS REPORT ALSO COVERS AN EXTENSIVE STRIPPING PROGRAM; DRILLING, BLASTING AND REMOVAL OF LARGE MARBLE BLOCKS; CUTTING AND POLISHING OF THESE BLOCKS, PHYSICAL TESTWORK ON THE MARBLE AND MAPPING OF THE STRIPPED AREAS.

PLANS, SECTIONS AND DRILL LOGS ARE INCLUDED IN THIS REPORT. AN EXTENSIVE DISPLAY OF SEVERAL HUNDRED CUT AND POLISHED TILES AND FLOOR SLABS IS ON SHOW AT 106 FIELDING ROAD, LIVELY, ONTARIO. THESE POLISHED TILES ARE PRESENTLY BEING USED FOR MARKETING PURPOSES THROUGHOUT THE U.S. AND CANADA.

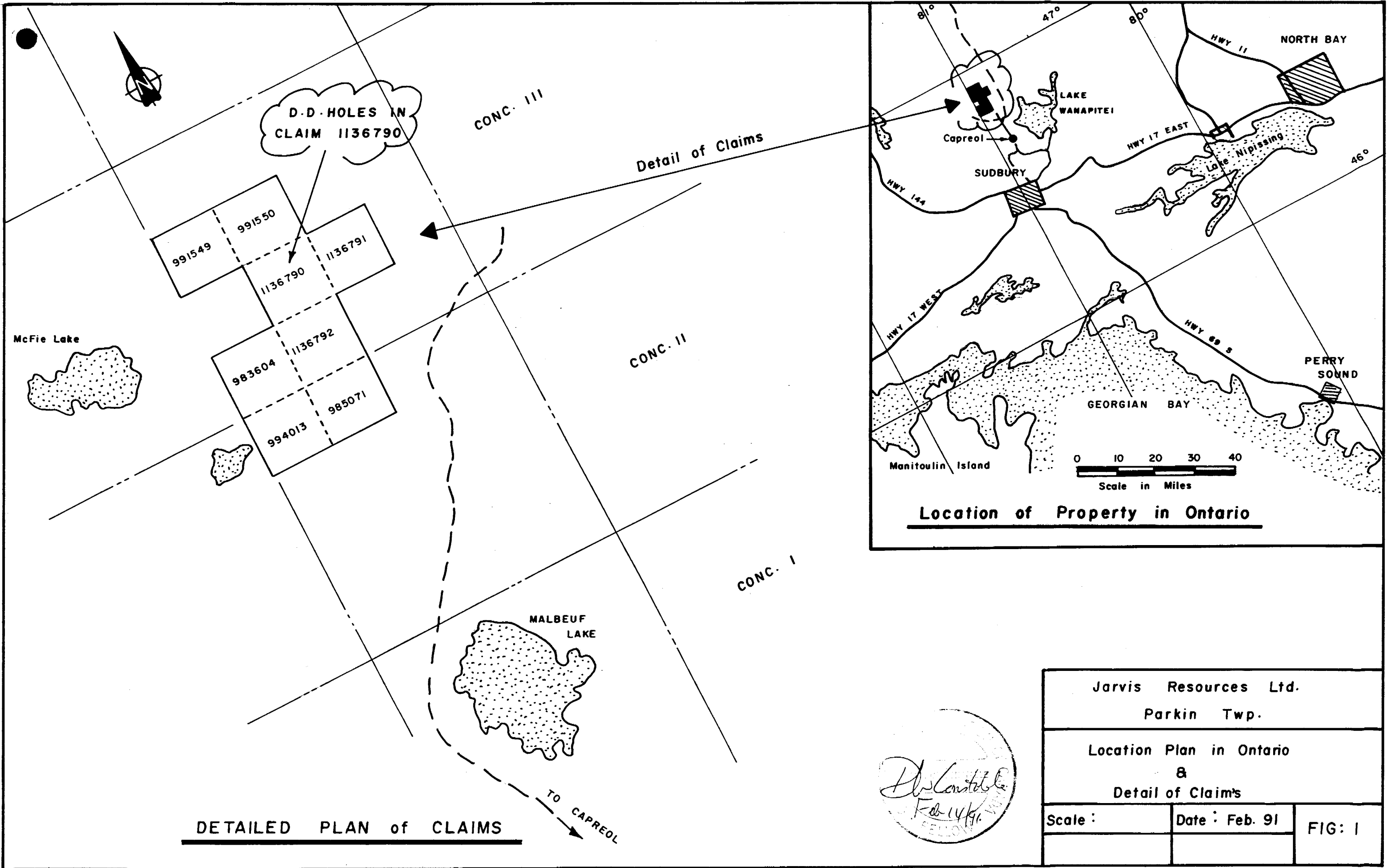
PROPERTY-DESCRIPTION, -LOCATION-AND-ACCESS

JARVIS RESOURCES LTD. HAS PURCHASED FROM ISAAC BURNS METALS INC. A 100 PERCENT INTEREST IN A CONTIGUOUS BLOCK OF EIGHT (8) UNPATENTED MINING CLAIMS SITUATED IN CENTRAL PARKIN TOWNSHIP. THE CLAIMS ARE SHOWN IN FIGURE 1 AND MAY BE FURTHER DESCRIBED AS:

<u>CLAIM-NO.</u>	<u>SURVEY-DESCRIPTION</u>	
S.991549	CON. III LOT 6	N ½ SW ¼
S.991550	CON. III LOT 6	N ½ SE ¼
S.983604	CON. III LOT 6	S ½ SW ¼
S.994013	CON. II LOT 6	N ½ NW ¼
S.985091	CON. II LOT 6	N ½ NE ¼
S.1136790	CON. III LOT 6	S ½ NE ¼
S.1136791	CON. III LOT 5	S ½ NW ¼
S.1136792	CON. III LOT 6	S ½ SE ¼

THE CLAIMS COVER ROUGHLY 320 ACRES AND ARE PRESENTLY IN GOOD STANDING. ISAAC BURNS METALS INC. RETAINS A PER TON ROYALTY FROM THE PROPERTY.

THE CLAIMS LIE 25.0 MILES NORTHEAST OF SUDBURY AND 10.0 MILES NORTHEAST OF CAPREOL. ACCESS IS VIA THE MOOSE MOUNTAIN ROAD (HIGHWAY 545) FOR 4.6 MILES AND THEN TURN EAST ON THE WHISTLE MINE ALL WEATHER BUSH ROAD FOR 5.3 MILES. A FAIRWEATHER BUSH ROAD THEN PROCEEDS NORTHWARD TOWARD MOWAT CREEK. THIS ROAD BRANCHES AT THE END OF A SMALL LAKE. TAKING THE NORTHEAST BRANCH THE BUSH ROAD PROCEEDS ½ MILE ONTO THE PROPERTY. DRILL ROADS AND OLD OVERGROWN LOGGING TRAILS ALLOW ACCESS TO BOTH THE MARBLE SITE AND THE REST OF THE PROPERTY.



DETAILED PLAN of CLAIMS

Location of Property in Ontario

Jarvis Resources Ltd.
Parkin Twp.

Location Plan in Ontario
&
Detail of Claims

Scale :	Date : Feb. 91	FIG: 1
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Dr. Constable
Feb 14/91

PROPERTY-PHYSIOGRAPHY-AND-FACILITIES

TOPOGRAPHY ON THE PROPERTY IS TYPICAL OF THE CANADIAN PRECAMBRIAN SHIELD. WOODED HIGHLANDS ARE INTERSPERSED WITH AREAS OF SWAMP AND MUSKEG. THE HILLS ARE ROUNDED AND LOCALLY STEEP; BUT RELIEF SELDOM EXCEEDS 100 FEET. IMMATURE, SECOND-GROWTH, DECIDUOUS TREES COVER THE HIGHLANDS AND INCLUDES POPLAR AND BIRCH. MINOR REMNANTS OF WHITE AND RED PINES ARE ALSO PRESENT ON THE PROPERTY. THE LOWLANDS ARE WET AND DAMMED BY BEAVERS. ALDERS, SCRUB BRUSH AND VARIOUS GRASSES COVER THE SWAMPY AREAS.

DRAINAGE IS SLUGGISH AND SEASONAL OVER THE PROPERTY. WATER FLOW IS FROM NORTHWEST TO SOUTHEAST IN MOWAT CREEK. THE WATER FINALLY FLOWS INTO WANAPITEI LAKE. THICK DEPOSITS OF GLACIAL TILLS, SANDS AND SILTS COVER THE SUBJECT PROPERTY. THE SILT HAS A LARGE CLAY CONTENT RESULTING IN A SLIPPERY GUMBO CONSISTENCY WHEN WET. LOCALLY, WE ENCOUNTERED GLACIAL DEPOSITS UP TO 15 FEET DEEP COVERING THE MARBLE. THE SOUTHERLY STRIKE OF THE MARBLE TRACES A SMALL, HANGING VALLEY WHICH DROPS STEEPLY INTO THE NEARBY CREEK. THE LAST ICE DIRECTION OBSERVED WAS FROM NORTH TO SOUTH.

OUTCROP IS ONLY MODERATELY COMMON AND IS CONFINED TO THE TOPS OF STEEP HILLS OF LORRAINE QUARTZITE OR TO ROCKS EXPOSED BY THE SMALL, SEASONAL, STREAM VALLEYS.

THE GLACIAL TILLS AND SANDS IN THE GENERAL AREA PROVIDE A GOOD ROAD BUILDING AGGREGATE SUPPLY. THERE IS AN ADEQUATE SUPPLY OF TIMBER AND WATER PRESENT ON JARVIS' CLAIMS. HYDRO WOULD HAVE TO COME FROM HIGHWAY 545, 7.5 MILES AWAY. THE INFRASTRUCTURE, HOUSING AND SKILLED MANPOWER IS AVAILABLE IN CAPREOL OR SUDBURY.

HISTORY-OF-PREVIOUS-EXPLORATION

THE GENERAL AREA OF HUTTON AND PARKIN TOWNSHIPS LIES ON THE NORTHWEST-SOUTHEAST CONTACT BETWEEN ARCHEAN VOLCANICS AND HURONIAN METASEDIMENTS. THIS CONTACT IS AN UNCONFORMITY. GENERALLY, THE ARCHEAN ROCKS ARE MAFIC TO FELSIC FLOWS, BRECCIAS, TUFFS AND INTERCALATED METASEDIMENTS WHICH STRIKE N35⁰W AND DIP STEEPLY. THE HURONIAN ROCKS ARE EXTENSIVELY FOLDED INTO NEARLY VERTICAL OR STEEP POSITIONS.

WITHIN THE ARCHEAN ASSEMBLAGE IN HUTTON TOWNSHIP ARE A SERIES OF MAGNETITE, IRON FORMATION LENSES. THEY ARE INTERBEDDED WITHIN THE FLOWS AND TUFFS OF THE SEQUENCE AND THEY PINCH AND SWELL ALONG STRIKE. THE IRON FORMATIONS APPEAR TO OCCUPY SEVERAL DIFFERENT STRATIGRAPHIC HORIZONS. KNOWN SINCE THE 1890'S, THE PROPERTY PRODUCED, SPORADICALLY, FROM 1908 TO 1911; BUT ITS MAIN PRODUCTION STARTED IN 1959.

PLACER GOLD OCCURS IN THE GRAVELS IN OR NEAR THE VERMILION RIVER AND WAS DISCOVERED IN 1896. THE GRAVELS HAVE BEEN THE FOCUS OF NUMEROUS EVALUATION PROGRAMS. WHILE THE GOLD CONTENT IN 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 SULFIDE BASE METAL DEPOSITS ARE ALSO REPORTED IN HUTTON TOWNSHIP, WEST OF THE VERMILION RIVER. LIMITED DRILLING TO DATE HAS NOT APPRECIATIVELY EXPANDED THESE SHOWINGS.

THE OTHER MAIN FEATURE IN THE AREA IS THE QUARTZ DIORITE BRECCIA OR PARKIN OFFSET. THIS FEATURE TRENDS N30°E WITHIN THE HURONIAN SUPERGROUP. THE MILNET MINE OF JONSMITH MINES LIMITED LIES ON THIS OFFSET AND IS LOCATED IN LOTS 2 TO 7 IN CONCESSIONS II AND III. 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 THE FALCONBRIDGE NICKEL MINES LIMITED SMELTER.

NUMEROUS SURFACE SHOWINGS OF BASE METALS 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 SULFIDES, WHITE 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 GRADE 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 TOWNSHIPS

SAMPLED THE LIMESTONE FROM FIVE LOCATIONS. CaO CONTENT VARIED FROM 29.3% TO 49.4%, MgO FROM 0.69% TO 17.4%; SiO_2 FROM 7.04% TO 18.7% AND Al_2O_3 FROM 1.55% TO 4.47%. AT THAT TIME ONLY ONE SAMPLE MET THE REQUIREMENTS FOR PORTLAND CEMENT. NO MENTION WAS MADE OF DIMENSION STONE POSSIBILITIES.

REGIONAL - AND - PROPERTY - GEOLOGY

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 ALGOMAN-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 MINOR 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 N50°W AXIS. AN F₂ FOLD ABOUT A N30°E 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 MAKE FOLD DEFINITION DIFFICULT. CLEARLY, THE MALLEABLE ESPANOLA LIMESTONE HAS BEEN DISTORTED INTO WISPS AND LENSES BY THE FOLD EPISODE(S).

THE JARVIS PROPERTY HAS A STEEP NORTH-SOUTH VALLEY WHICH IS THE TOPOGRAPHIC EXPRESSION OF DIFFERENTIAL WEATHERING OF THE ESPANOLA MARBLE HORIZON. THE MARBLE IS BOUNDED, PARTICULARLY TO THE WEST, BY A WIDE ZONE OF SILICIFIED, MARBLE BRECCIA WITH A FINE DUSTING OF PYRITE AND OCCASIONAL CHALCOPYRITE BLEBS. THE WESTERN, BRECCIA CONTACT IS SOMETIMES MARKED BY A 6-INCH TO 3-FOOT WIDE QUARTZ-GALENA-PYRITE-CHALCOPYRITE VEIN. IN PLACES THIS VEIN AND THE FRACTURES AROUND IT CONTAIN COARSE NATIVE GOLD. THIS WAS OBSERVED IN HOLES PT-90-5 AND 8.

THE MARBLE UNIT HAS DISTINCT COLOUR CHANGES THROUGHOUT BUT GENERALLY FROM EAST TO WEST THE COLOURS CHANGE

FROM LIGHT GREEN TO GREY TO DARK GREEN TO PINK-BUFF TO BLACK-BANDED GREY AND, FINALLY, BLACK-BANDED WHITE. THE MARBLE IS FAULTED ACROSS THE STRIKE BETWEEN HOLES PT-90-1 AND PT-90-3. ALSO A STRIKE FAULT SHOWS UP AS UNIT 6 ON THE COLOURED PLAN. THIS FAULT PLANE IS 10-20 FEET WIDE, BROWN, SOFT AND WEATHERED. IT CROSSES THE MARBLE UNIT AT A VERY LOW ANGLE TO THE BEDDING. THE GREY OR WHITE MARBLE WITH BLACK ARGILLITE BEDS CLEARLY SHOWS SLUMP FEATURES AND BRECCIATION. ALL THE FRACTURES ARE RE-SEALED WITH RE-CRYSTALLIZATION AND THE ROCK SHOWS NO PARTICULAR TENDENCY TO BREAK ALONG OLD FRACTURES. MOSTLY THE ROCK IS FREE OF MAJOR FRACTURES AND SEVERAL TIMES AN ENTIRE UNBROKEN 10-FOOT LENGTH OF CORE WAS PULLED FROM THE CORE BARREL.

ONE OTHER FEATURE IS THE VARIATION IN THE MARBLE UNIT'S WIDTH. HOLES PT-90-5 AND 6 INDICATE THAT THE MARBLE UNIT NEAR SURFACE HAS AN 80-FOOT WIDTH, BUT HOLE PT-90-10, DRILLED UNDER THESE HOLES, INDICATES THE MARBLE UNIT HAS FLARED TO A 180-FOOT WIDTH AT DEPTH.

TO THE SOUTH THE MARBLE UNIT NARROWS BUT CROSSES THE BUSH ROAD AND ENTERS THE SWAMP. NORTHWARD THE MARBLE UNIT CAN BE TRACED FOR ONLY 100 FEET WHEN DEEP OVERBURDEN AND LACK OF OUTCROP COMBINE TO MASK THE TRACE OF THE MARBLE UNIT.

RESULTS OF THE 1990 EXPLORATION PROGRAM

FROM OCTOBER 27 TO NOVEMBER 20, 1990 JARVIS RESOURCES LTD. COMPLETED AN EXTENSIVE EXPLORATION PROGRAM CENTERED IN CLAIM S.1136790. THE PROGRAM CONCENTRATED ON AN ESPANOLA LIMESTONE UNIT THAT STRIKES NORTH-SOUTH AND DIPS AT 80° OR MORE TO THE EAST. THE ROCKS WERE UNEXPOSED AND ARE NOT SHOWN ON ODM MAP 2180.

INITIAL WORK CONSISTED OF DIAMOND DRILLING (BQ CORE) OF HOLES PT-90-1 TO 6, INCLUSIVE. THESE HOLES WERE COMPLETED IN SEPTEMBER-OCTOBER, 1990 FOR ASSESSMENT PURPOSES AND TO BROADLY DEFINE THE MAIN MARBLE HORIZON. THESE HOLES ARE INCLUDED ON THIS REPORT'S SECTIONS, BUT THEIR LOGS ARE ALREADY A MATTER OF PUBLIC RECORD. ONCE THESE HOLES DELINEATED THE DIMENSIONS OF THE MARBLE BED FURTHER DIAMOND DRILLING OF HOLES PT-90-7 TO 13, INCLUSIVE, WAS PERFORMED. THESE HOLES WERE BASICALLY FILL-IN HOLES EXCEPT FOR HOLE PT-90-10 WHICH DEEPENED THE MARBLE ZONE. A TOTAL OF 2765.5 FEET WAS DRILLED IN THIS PHASE IN SEVEN(7) HOLES.

DURING THE SECOND DRILLING PROGRAM THE MARBLE UNIT WAS EXTENSIVELY STRIPPED ALONG 800 FEET AND ACROSS A MAXIMUM OF 265 FEET. REMOVED OVERBURDEN WAS USED TO BUILD UP THE ACCESS ROAD AND MAIN BUSH ROAD. THE OVERBURDEN DEPTH VARIED FROM 2 FEET TO OVER 15 FEET. THE OUTCROP WAS FRESH IN APPEARANCE AND WAS FURTHER CLEANED IN DETAIL BY THE USE OF AIR HOSES AND A COMPRESSOR. THIS MINIMIZED THE RUN-OFF OF SILT COMPARED TO WATER. (REFER TO MAP OF D.D. HOLES).

ONCE THE OUTCROP AREA WAS CLEANED IT WAS MAPPED IN DETAIL ACCORDING TO THE COLOUR OF THE MARBLE. THE RESULTING DATA IS SHOWN ON THE COLOURED MAP IN THIS REPORT. SOME OF THE DIAMOND DRILLING HOLES ARE LOCATED ON THE COLOURED PLAN FOR ORIENTATION PURPOSES.

AT THE END OF THIS PHASE A PROGRAM OF DRILLING AND BLASTING TOOK PLACE FROM SEVERAL SITES (REFER TO D.D. HOLE MAP FOR SITE LOCATIONS). THE OBJECT WAS TO REMOVE AN ASSORTMENT OF MARBLE BLOCKS REPRESENTING ALL THE MARBLE COLOURS. SEVERAL TONS WERE BLASTED FROM EACH SITE, LOADED ON PALLETS OR PLACED ON A TRAILER OR BOOM TRUCK FOR TRANSPORT TO LIVELY. A TOTAL OF 60 TONS WERE REMOVED AND SHIPPED. ONE SITE WAS BLASTED BUT THE BLOCKS COULD NOT BE REMOVED DUE TO HIGH WATER LEVELS AND THE POOR TRACTION.

SOME DIAMOND DRILL CORE WAS SENT TO LAURENTIAN UNIVERSITY'S ENGINEERING DEPARTMENT TO ESTABLISH THE UNIAXIAL COMPRESSION STRENGTH OF THE MARBLES. APPENDIX A CONTAINS THE RESULTS OF TECHNICAL STUDIES ON THE MARBLE. A SERIES OF 10 SEPARATE COMPRESSION TESTS WERE PERFORMED WITH THE UNIAXIAL STRENGTHS GROUPED BETWEEN 18,283 AND 22,432 POUNDS PER SQUARE INCH. THE AVERAGE READING WAS 20,007 POUNDS PER SQUARE INCH WITH A STANDARD DEVIATION OF 1394.2. LATER TWO CORE SAMPLES WERE SENT TO TROW CONSULTING ENGINEERS LTD. TO ESTABLISH POROSITY (ABSORPTION) AND SPECIFIC GRAVITY. ABSORBENCY READINGS OF 0.11

AND 0.24 WEIGHT PERCENT WERE OBTAINED COMPARED TO A MAXIMUM, ALLOWABLE, INDUSTRY STANDARD OF 0.75 PERCENT. SPECIFIC GRAVITY READINGS WERE 2.70 AND 2.73, COMPARED TO A MINIMUM INDUSTRY LEVEL OF 2.595 FOR CALCITIC MARBLE.

THE LARGE MARBLE BLOCKS WERE SORTED AND SEVERAL BLOCKS FROM EACH COLOUR WERE MOVED TO KHOURY GRANITE LIMITED OF SUDBURY FOR CUTTING AND POLISHING. THE FINAL SAMPLES' DIMENSIONS VARIED FROM 4" X 6" TO 2' X 3' TILES AND SLABS. THE SAMPLES ARE ON DISPLAY IN LIVELY, ONTARIO OR ARE BEING USED AS MARKETING SAMPLES TO MARBLE BROKERS IN CANADA AND THE UNITED STATES.

COMPLETE SETS OF LOGS AND SECTIONS ARE INCLUDED IN THIS REPORT.

CONCLUSIONS-AND-RECOMMENDATIONS

JARVIS RESOURCES LTD. HAS LOCATED A HIGH QUALITY MARBLE IN PARKIN TOWNSHIP. THE MARBLE STRIKES NORTH-SOUTH AND DIPS STEEPLY EASTWARD. THE WIDTH VARIES FROM 70 FEET TO OVER 200 FEET. THE MARBLE UNIT CONTINUES TO A DEPTH OF AT LEAST 400 VERTICAL FEET. COLOURS INCLUDE GREY, GREY WITH BLACK BANDS, BUFF, LIGHT GREEN, DARK GREEN, WHITE WITH BLACK BANDS AND PINK. ALL THE MARBLE TESTED HAD VERY GOOD PHYSICAL CHARACTERISTICS WHICH EXCEEDED THE INDUSTRY STANDARDS.

AS A RESULT OF THESE PRELIMINARY TESTS JARVIS RESOURCES LTD. HAS PURCHASED 15 ADDITIONAL CONTIGUOUS, UNPATENTED, MINING CLAIMS, WHICH HOST MORE MARBLE BEDS. THESE BEDS ARE DOMINANTLY DARK GREEN, BROWN AND PINK MARBLES. MORE WORK MUST BE DONE IN THE SPRING TO ASSESS THESE MARBLES FROM BOTH TECHNICAL AND AESTHETIC VIEWPOINTS. MARKETING OF THE MARBLE SAMPLES WILL INTENSIFY; INCLUDING PRODUCTION OF SAMPLE SETS FOR DISPLAY AT MARBLE DEALERS.

DATED IN SUDBURY, ONTARIO THIS EIGHTH DAY OF FEBRUARY, 1991

RESPECTFULLY SUBMITTED



DAVID W. CONSTABLE
CONSULTING GEOLOGIST

APPENDIX-A:--TECHNICAL-TEST-RESULTS

November 27th, 1990

Dave Constable
Jarvis Resources Ltd.
106 Fielding Road
Lively, Ontario

RE: Cutting, preparation and testing of marble rock core specimens in order to obtain their uniaxial compressive strength.

Twelve specimens were cut at right angles and the ends ground flat to +/- 0.001 inches. Ten of the core specimens were cut to a length to diameter ratio in the range of 2.5 to 3.0. The remaining two specimens were prepared for a possible porosity test.

The testing procedure followed was according to ISRM's standard procedure for the testing of rock core specimens under uniaxial compression. The testing was conducted without any problems. Careful consideration was given to L/D ratios and basic rock geology and the possible influence these might have on the test results. No appreciable relation was found between these factors and the rock's strength. The attached table lists the results obtained from the tests. The failure modes of the specimens were within the guidelines of the ISRM testing procedure.

Thus the uniaxial compression strength for the cores tested is averaged at 20,000 PSI with a standard deviation of 1395 PSI.

The remaining specimens, namely numbers eleven and twelve will be returned to you. The failed specimens (numbers one to ten) will also be returned to you in sperate sample bags if you wish.

Sincerely,



Serge Clément

Sample#	Length	Diameter	L/D	Area	Load at Failure	Axial Stress
*****	(mm)	(mm)	---	(mm) ²	(KN)	(MPa)
1	100.40	36.30	2.77	1034.91	130.50	126.10
2	99.92	36.30	2.75	1034.91	138.50	133.83
3	105.60	36.48	2.89	1045.20	154.00	147.34
4	105.38	36.48	2.89	1045.20	133.00	127.25
5	99.28	36.48	2.72	1045.20	138.00	132.03
6	95.14	36.50	2.61	1046.35	140.50	134.28
7	100.60	36.50	2.76	1046.35	153.50	146.70
8	98.00	36.40	2.69	1040.62	161.00	154.72
9	101.58	36.38	2.79	1039.48	153.50	147.67
10	98.98	36.30	2.73	1034.91	134.50	129.96
Sample#	Length	Diameter	L/D	Area	Load at Failure	Axial Stress
*****	(inches)	(inches)	---	(inches) ²	(lbs)	(PSI)
1	3.953	1.429	2.766	1.604	29328	18283
2	3.934	1.429	2.753	1.604	31125	19403
3	4.157	1.436	2.895	1.620	34609	21363
4	4.149	1.436	2.889	1.620	29889	18450
5	3.909	1.436	2.721	1.620	31013	19143
6	3.746	1.437	2.607	1.622	31575	19469
7	3.961	1.437	2.756	1.622	34496	21270
8	3.858	1.433	2.692	1.613	36182	22432
9	3.999	1.432	2.792	1.611	34496	21410
10	3.897	1.429	2.727	1.604	30226	18843
					Average=	20007
					Standard deviation	1394.2



Rock Mechanics

Trow Consulting Engineers Ltd.
1074 Webbwood Drive, Sudbury
Ontario, Canada. P3C 3B7
Telephone: (705) 674-9681
Facsimile: (705) 674-8271

S00319R

January 15, 1991

Jarvis Resources Ltd.
106 Fielding Road
Lively, Ontario
POM 2E0

ATTENTION: Mr. D. Constable

Dear Sirs:

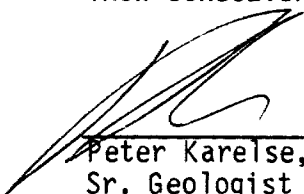
TEST C97
TEST METHODS FOR ABSORPTION &
BULK SPECIFIC GRAVITY
MARBLE BUILDING STONE

The following are the results of the C97 test performed on 2 core samples of marble submitted to our office. It should be noted that the samples were undersized, according to ASTM standards. The maximum allowable absorption is 0.75% by weight. The minimum density requirement for a calcite marble is 2595 kg/m³, and 2800 kg/m³ for a dolomite marble.

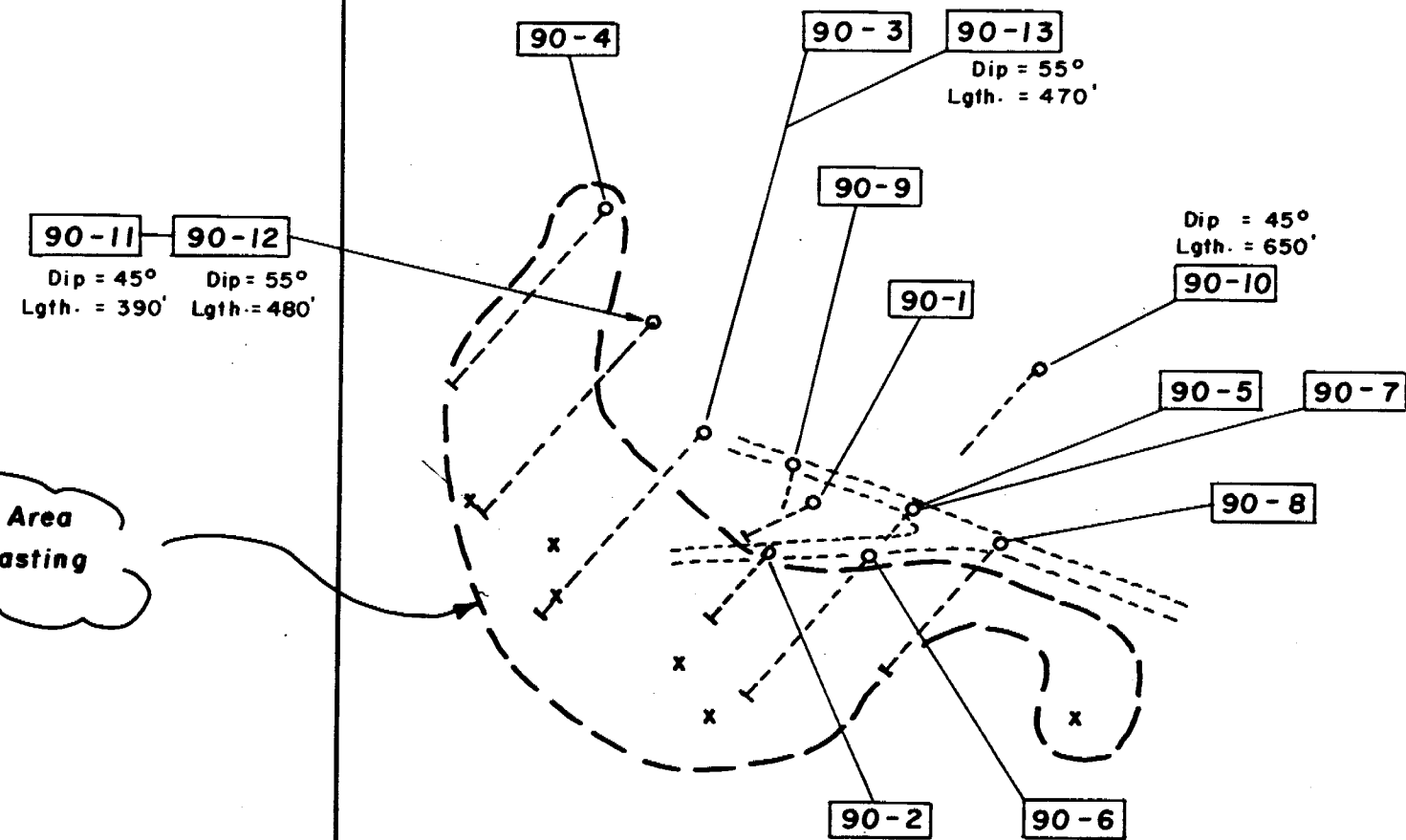
<u>Sample #</u>	<u>Absorption - Weight %</u>	<u>Bulk Specific Gravity</u>
11	.11	2.70
12	.24	2.73

Should you have any questions, please do not hesitate to contact our office.

Yours very truly,
TROW CONSULTING ENGINEERS LTD.


Peter Karelse, C.E.T.
Sr. Geologist

PK:lstp



Stripped Area
Washed & Blasting







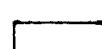
S. 1136790

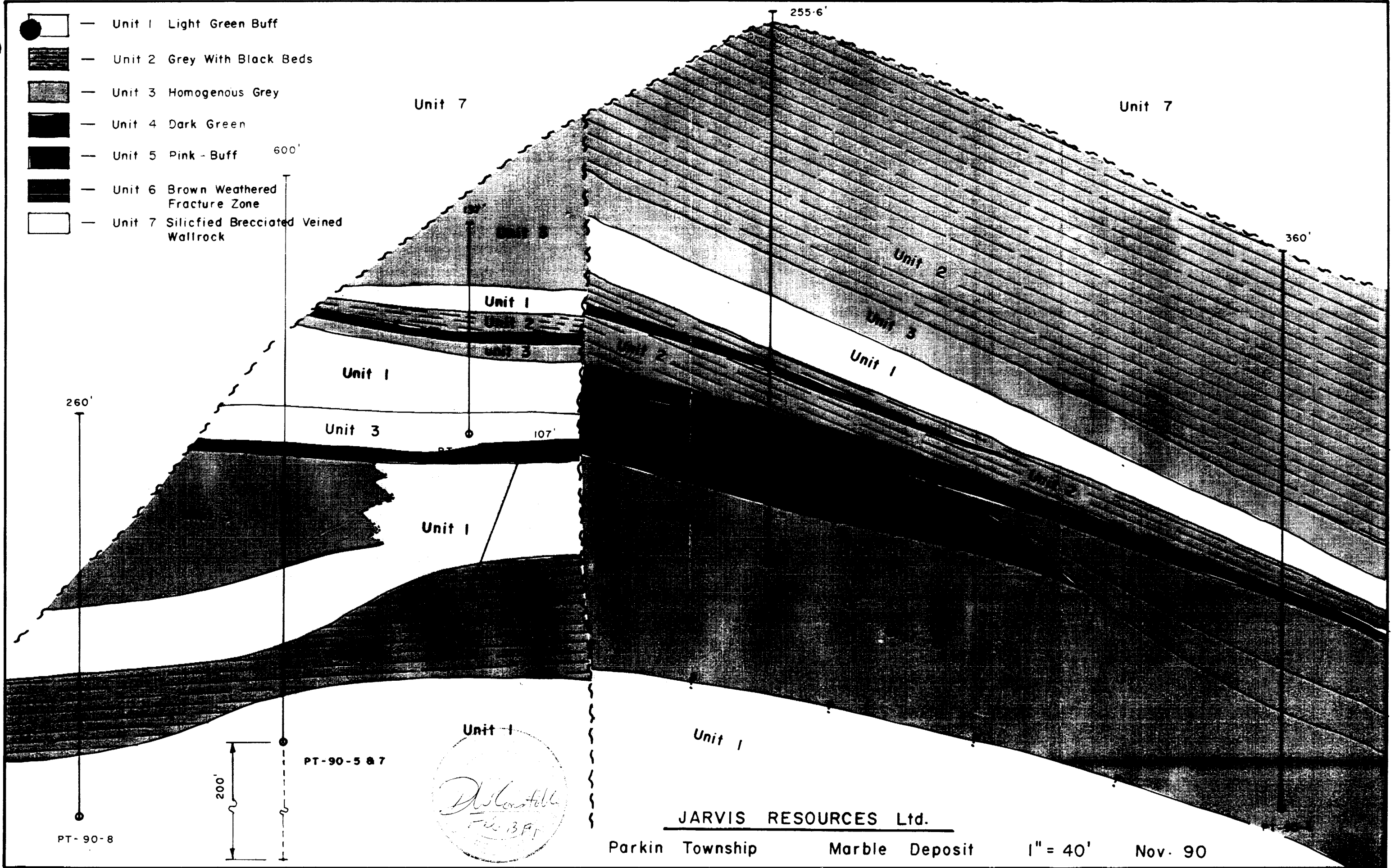
x = Block Removal Sites

SCALE 1" = 200'



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

-  — Unit 1 Light Green Buff
-  — Unit 2 Grey With Black Beds
-  — Unit 3 Homogenous Grey
-  — Unit 4 Dark Green
-  — Unit 5 Pink - Buff
-  — Unit 6 Brown Weathered Fracture Zone
-  — Unit 7 Silicified Brecciated Veined Wallrock

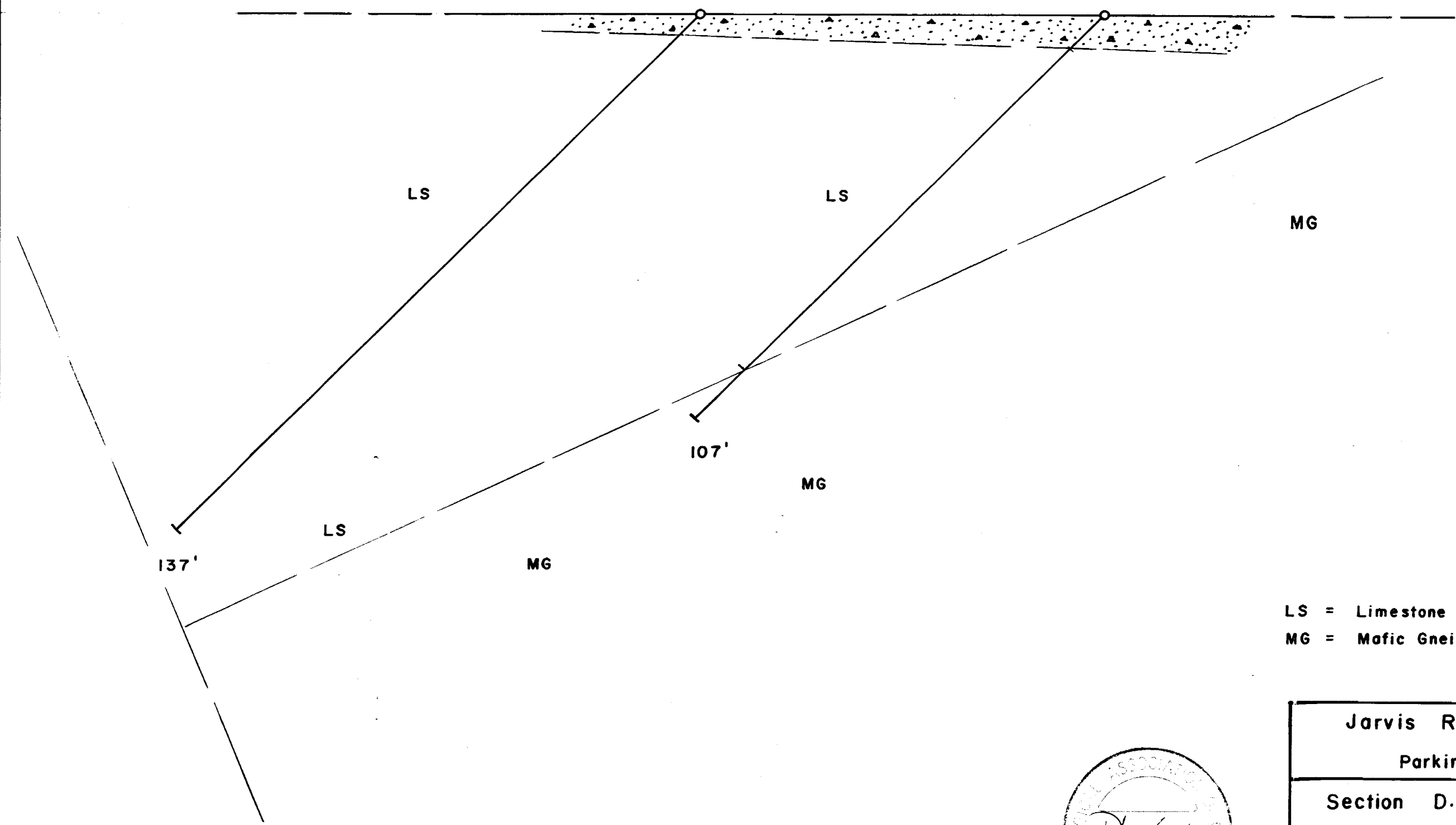


JARVIS RESOURCES Ltd.
 Parkin Township Marble Deposit 1" = 40' Nov. 90

PT-90-2

PT-90-1

Dip = 45°
Lgth = 107'
Az. = 240°



LS = Limestone
MG = Mafic Gneiss



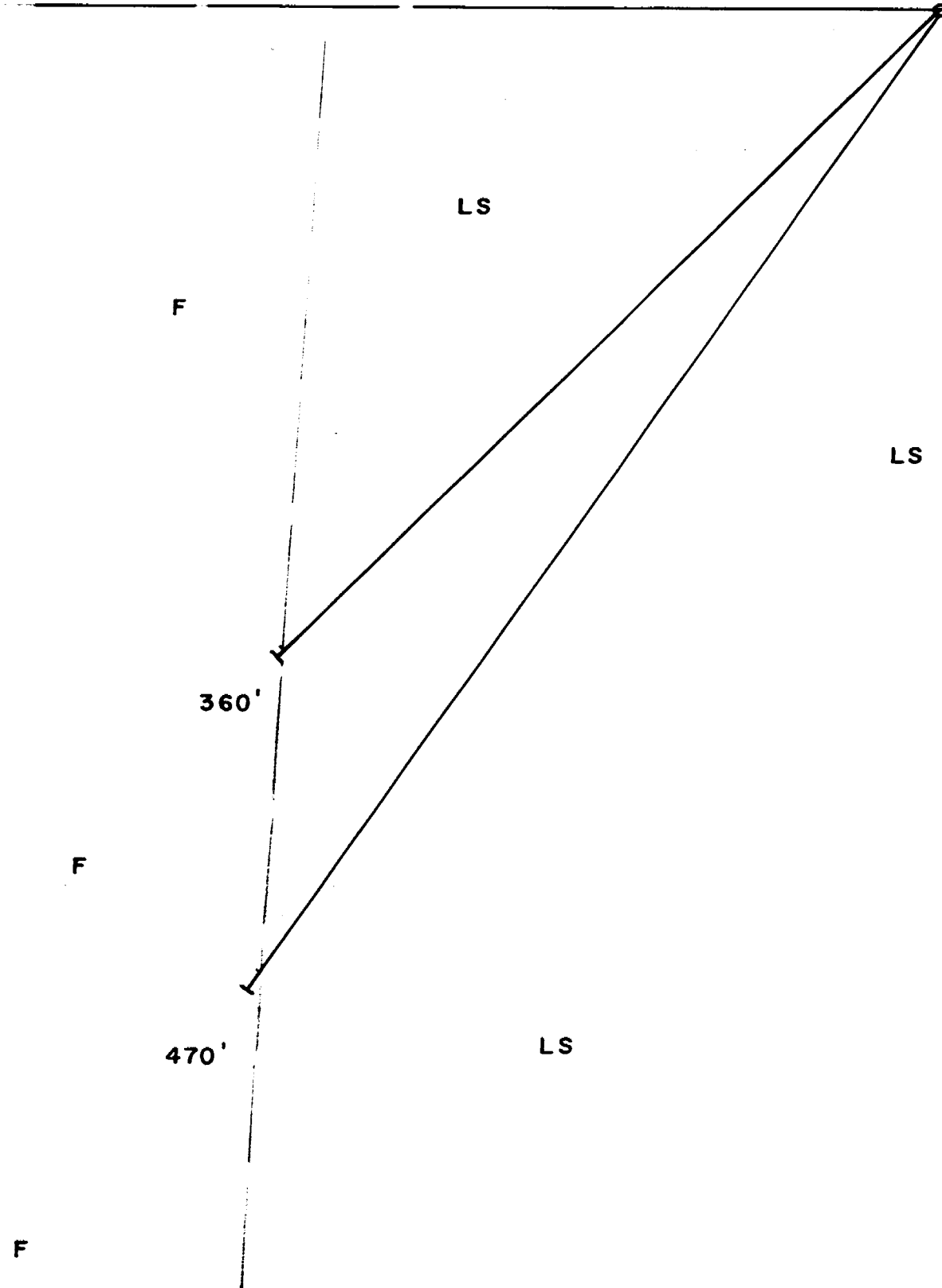
Jarvis Resources Ltd.	
Parkin Twp.	
Section D. Drill Holes PT-90-1 , PT-90-2	
Date: Jan. 91	Scale 1" = 20'

PT-90-3

Dip = 45°
Lgth. = 360'
Az. = 220°

PT-90-13

Dip = 55°
Lgth. = 470'
Az. = 220°



LS = Limestone
F = Felsic Intrusive

Jarvis Resources Ltd.

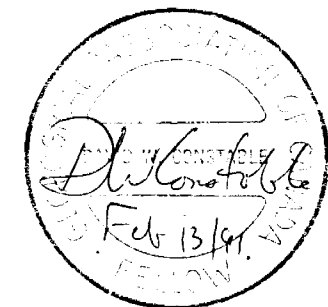
Parkin Twp.

Section D. D. Holes

PT-90-3, PT-90-13

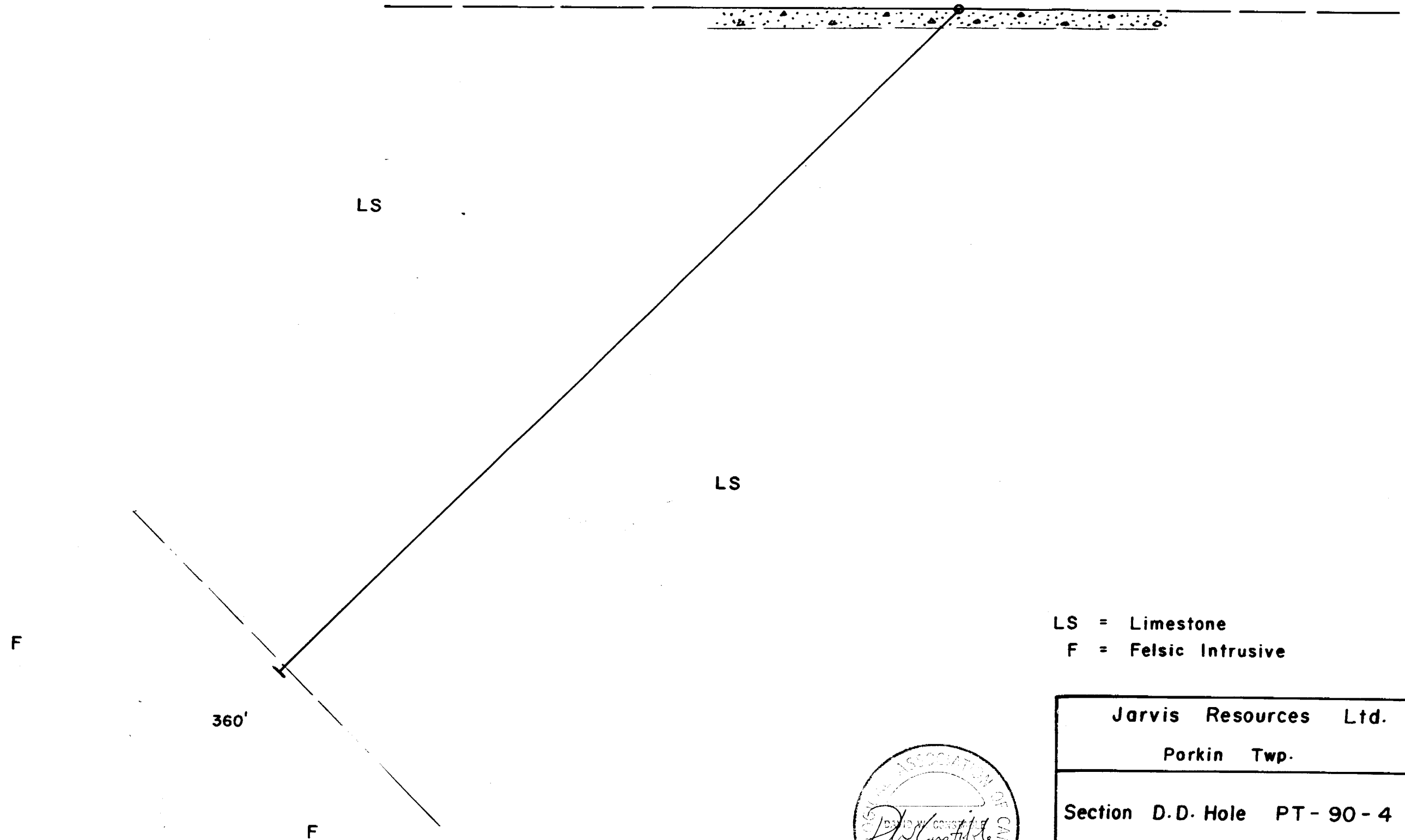
Date: Jan. 91

Scale 1" = 60'



PT - 90 - 4

Dip = 45°
Lgth. = 360'



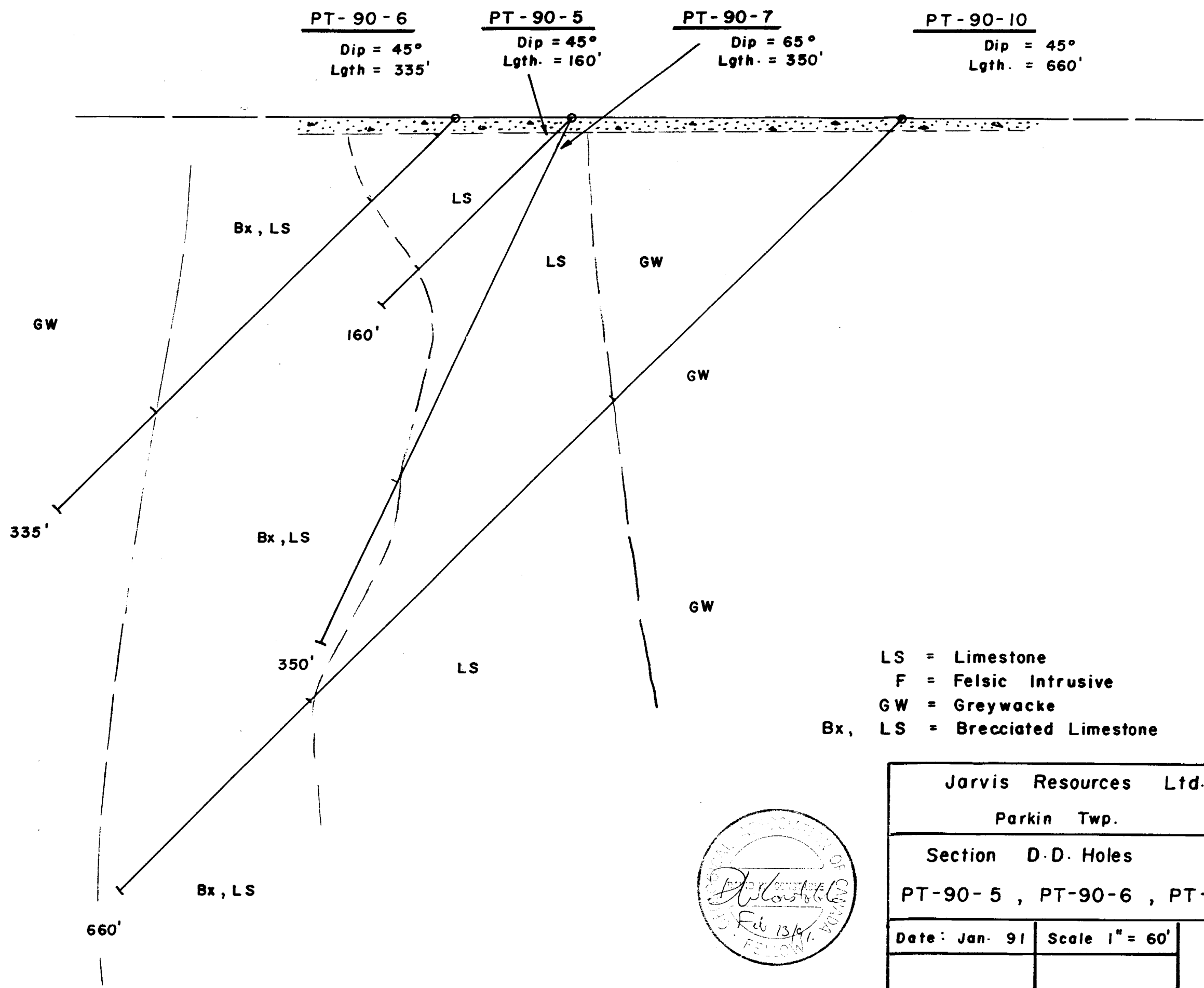
LS = Limestone
F = Felsic Intrusive

Jarvis Resources Ltd.
Porkin Twp.

Section D.D. Hole PT - 90 - 4

Date: Jan. 91 Scale 1" = 40'





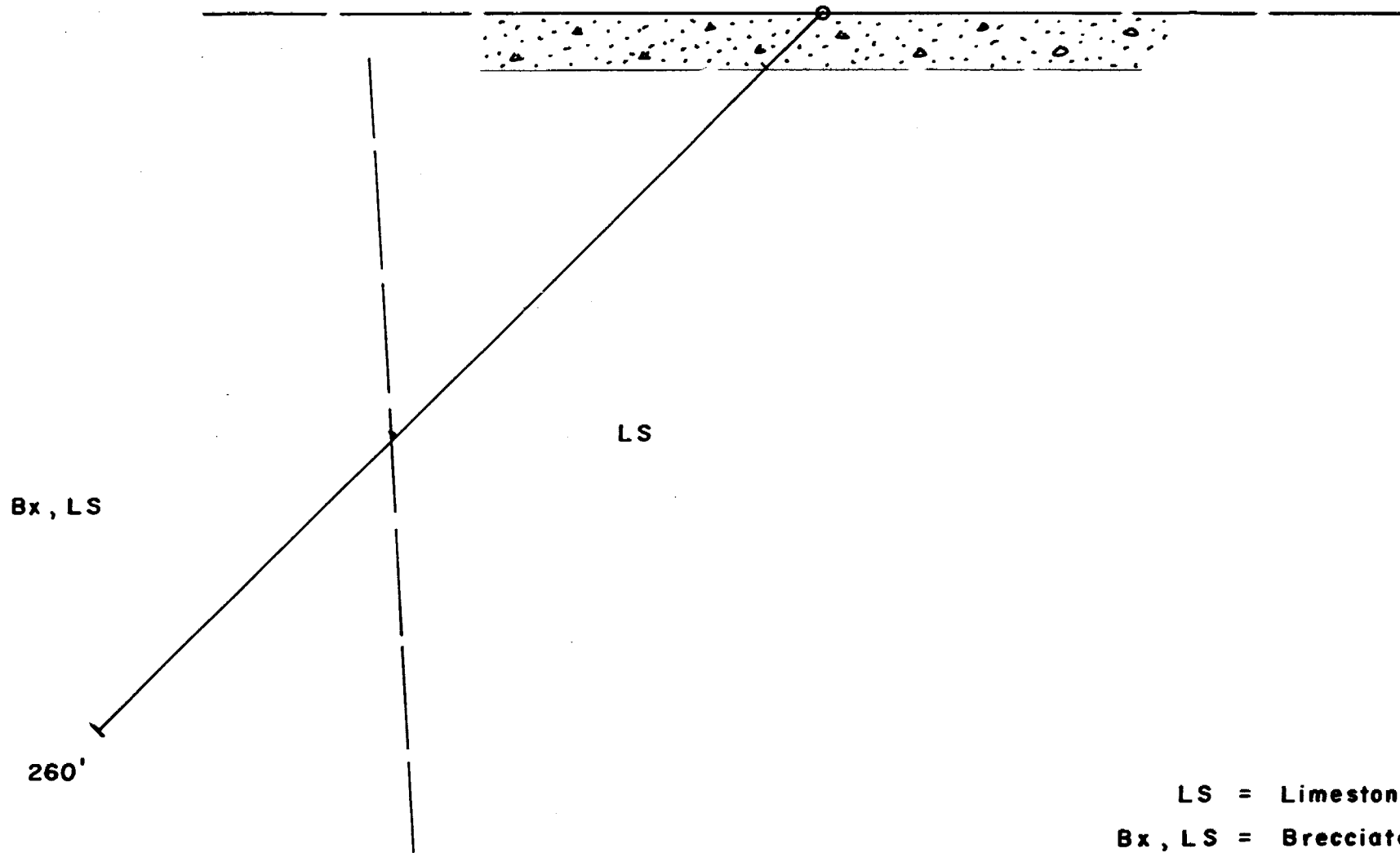
LS = Limestone
 F = Felsic Intrusive
 GW = Greywacke
 Bx, LS = Brecciated Limestone



Jarvis Resources Ltd.	
Parkin Twp.	
Section D-D. Holes	
PT-90-5 , PT-90-6 , PT-90-10	
Date: Jan. 91	Scale 1" = 60'

PT-90-8

Dip = 45°
Lgth = 260'



LS = Limestone
Bx, LS = Brecciated Limestone



Jarvis Resources Ltd.		
Parkin Twp.		
Section D. D. Hole PT- 90 - 8		
Date : Jan. 91	Scale 1" = 40'	

PT-90-9



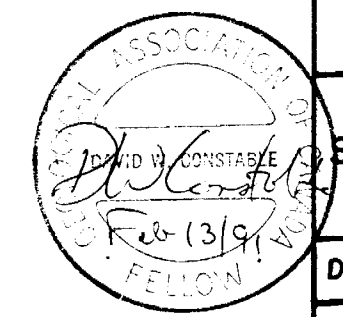
Bx, LS

LS

165.5

Bx, LS

Bx, LS = Brecciated Limestone
LS = Limestone



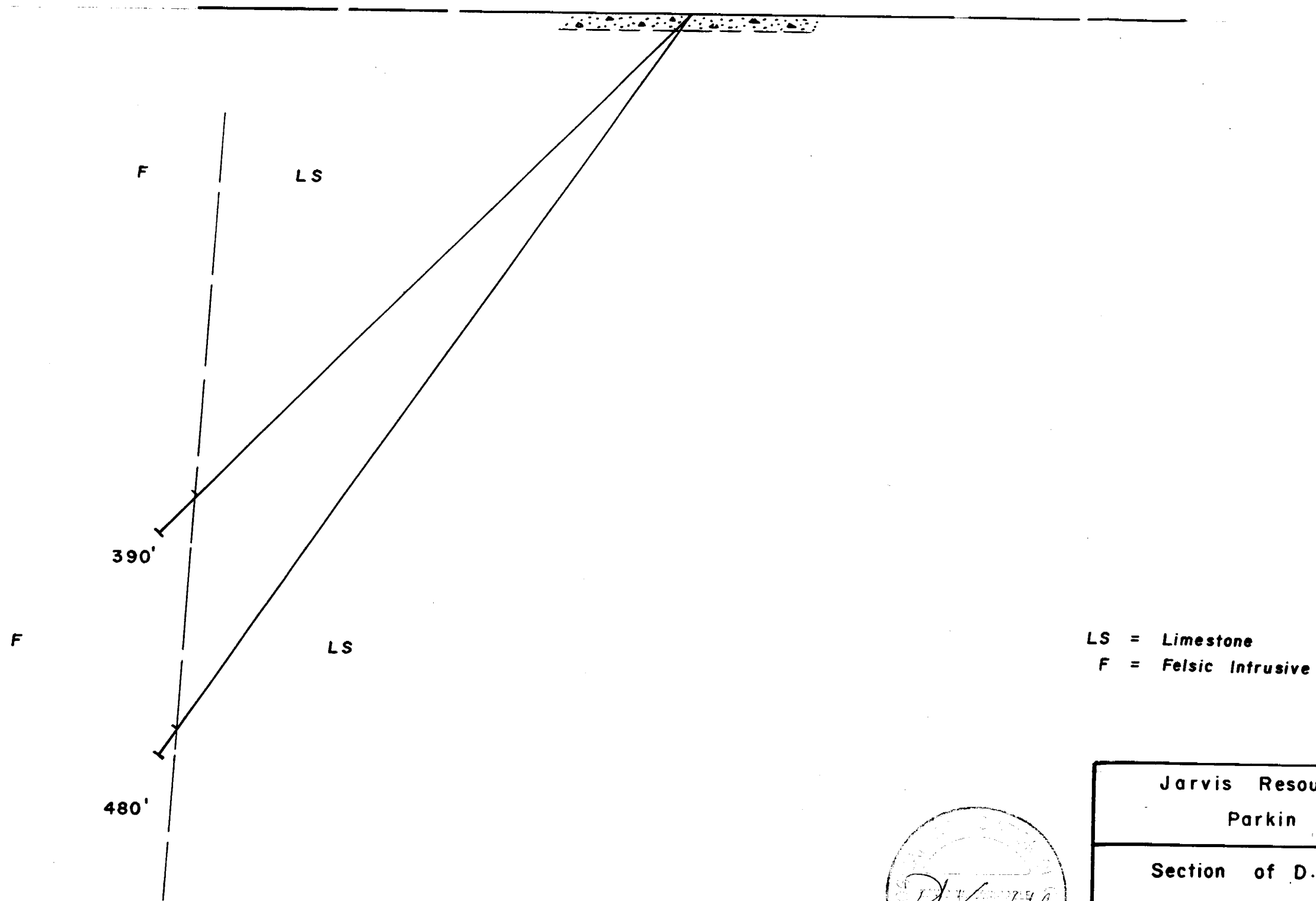
Jarvis Resources Ltd.	
Parkin Twp.	
Section D. D. Hole PT-90-9	
Date: Jan. 91	Scale 1" = 40'

PT-90-11

Dip = 45°
Lgth. = 390'
Az. = 220°

PT-90-12

Dip = 55°
Lgth. = 480'
Az. = 220°



LS = Limestone
F = Felsic Intrusive



Jarvis Resources Ltd.		
Parkin Twp.		
Section of D.D. Holes		
PT-90-11 , PT-90-12		
Scale 1" = 60'	Date: Feb. 91	

DIAMOND DRILL RECORD

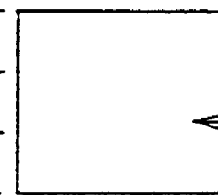
LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

PROPERTY JARVIS RESOURCES LTD. - PARKING TOWNSHIP

D.D.H. No. PT-90-7 PAGE 2/2

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Oct. 27-90



CLAIM No. S.1136790

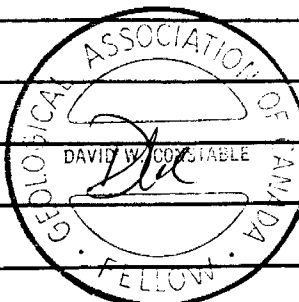
DEPARTURE _____ DIP OF HOLE -65° COMPLETED Oct. 29-90

DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS nil DEPTH 350.0'

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
		Fine disseminated dusty pyrite throughout (1%).												
		From 243.3-244.0' quartz vein with 15% galena and 3% chalcopyrite (coarse).												
		At 257.0' quartz vein for 1.5' with chalcopyrite-pyrite and several flecks of native gold.												
		From 316.2-321.6' white barren quartz vein.												
		From 321.6 to end of hole 4 x 1" to 6" wide quartz veins occur.												
		At end of hole still in silicified brecciated limestone with fine pyrite.												
		<u>END OF HOLE PT-90-7 IS AT 350.0 FEET</u>												



DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

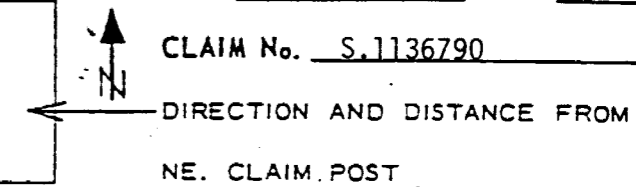
PROPERTY JARVIS RESOURCES LIMITED - PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-8 PAGE 1/2

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Oct. 29-90

CLAIM No. S.1136790

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Oct. 30-90



ELEVATION _____ DIP TESTS nil DEPTH 260.0'

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0.0	20.0	OVERBURDEN											
20.0	153.7	ESPANOLA LIMESTONE											
		Blocky, soft and weathered for top 20 feet to 40.0'. After 40'											
		limestone is medium, grey with black bands. (20%). Quite massive,											
		fresh and contains 1% irregular white calcite veinlets.											
		At 91.0' slightly greenish-brown section, blocky and weathered											
		with white calcite voids.											
		By 134.0' core is lighter grey with minor calcite lined breccia											
		zones containing traces of pyrite. This continues through to 153.7'.											
153.7	260.0	BRECCIA ZONE											
		Black mylonite, massive harder zones with bands, beds and fragments											
		of light green or buff limestone. Contains traces of pyrite throughout											
		the rock.											

63.6018

DIAMOND DRILL RECORD

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PROPERTY JARVIS RESOURCES LIMITED - PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-8

PAGE 2/2

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Oct. 29-90

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Oct. 30-90

ELEVATION _____ DIP TESTS nil DEPTH 260.0'

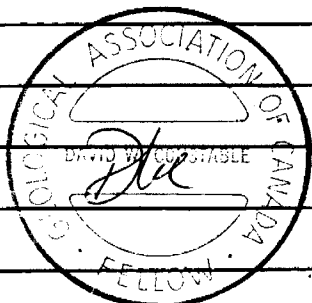


CLAIM No. S.1136790

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO			
		By 174.0' most of rock is slightly to olive green limestone, broken by 15% white quartz veins lined also with grey carbonate (earlier) and containing traces to nil pyrite. Very intensely altered and injected with a stockwork of veins. Hard rock.						
		This continues to the hole end.						
		END OF HOLE PT-90-8 IS AT 260.0 FEET						



DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

PROPERTY JARVIS RESOURCES LIMITED PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-9 PAGE 1/1

LATITUDE _____ BEARING OF HOLE _____ STARTED Nov. 1-90

CLAIM No. S.1136790

DEPARTURE _____ DIP OF HOLE _____ COMPLETED Nov. 3-90

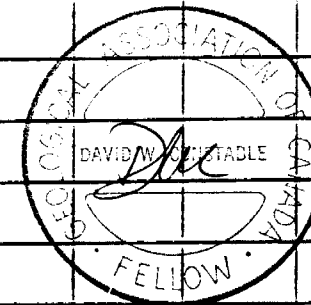
DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS _____ DEPTH 165.5

NE. CLAIM POST



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO			
0.0	15.0	OVERBURDEN						
15.0		ESPANOLA LIMESTONE						
		Brown, blocky, soft weathered to 35.8'. Then becomes light green more massive and contains 3 to 5% secondary white quartz carbonate veins 1" to 10" wide.						
		By 74.6' dark patches and beds for 1 foot and by 85.4 dark brecciated, irregular fragments appear to 87.0'. Past 90' still dark beds and dark fragments.						
		At 91.9' a 1/4" wide quartz vein, with coarse pyrite-galena-chalcopyrite.						
		From 128.4' onwards rock is brecciated and dark green to black with irregular fragments of white limestone. Rock is silicified, hard and contains a fine dusting of pyrite.						
		This continues to 165.5 where it changes to dark, pyritic breccia to the hole end.						
		END OF HOLE PT-90-9 IS AT						



63. 6018

DIAMOND DRILL RECORD

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PROPERTY JARVIS RESOURCES LTD. - PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-10 PAGE 1/3

LATITUDE _____ BEARING OF HOLE 220⁰ (Ast.) STARTED Nov. 4-90

DEPARTURE _____ DIP OF HOLE -45⁰ COMPLETED Nov. 7-90

ELEVATION _____ DIP TESTS nil DEPTH 650.0'



CLAIM No. S.1136790

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0.0	10.0	OVERBURDEN											
10.0	241.2	GREYWACKE (HURONIAN)											
		Green-grey, fine to medium-grained, poorly bedded at 32 ⁰ to C.A.											
		Contains shadowy limestone fragments and siltstone fragments (sub-											
		rounded). Average hardness and mostly massive but with blocky sections.											
		By 109.4 numerous white limestone beds appear (15%) and ore fractured.											
		This ends at 123.0' but not completely. About 2% of core is white											
		limestone to 150.0'.											
		After 150.0' back into featureless green greywacke.											
		The greywacke is slightly silicified and brecciated with minor											
		irregular white carbonate veinlets throughout.											
		SHARP CONFORMABLE OUT CONTACT											

8109.89

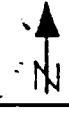
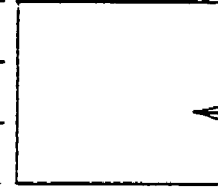
DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

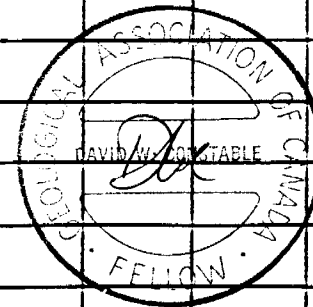
CONSTABLE CONSULTING INC.

PROPERTY JARVIS RESOURCES LTD. - PARKIN TOWNSHIP PROPERTYD.D.H. No. PT-90-10PAGE 3/3

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Nov. 4-90
 DEPARTURE _____ DIP OF HOLE -45° COMPLETED Nov. 7-90
 ELEVATION _____ DIP TESTS nil DEPTH 650.0'

CLAIM No. S.1136790DIRECTION AND DISTANCE FROM
NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY
FROM	TO			FROM	TO		
		After 433.0' back into more homogeneous light grey limestone which by 469.6' becomes chloritic banded and patchy dark green variety of limestone. This ends at 476.0'. At 492.0' a 1/2" wide quartz-galena-pyrite vein. From 476.0-499.2' grey homogeneous limestone. After 499.2 limestone becomes light green with secondary quartz-carbonate veins silicification and minor pyrite. After 549.2 the rock is silicified limestone with flecks of pyrite and a brecciated texture. At 631.0' change into more mafic greywacke with bands of grey limestone. These two are interbedded to the end of the hole.					
		END OF HOLE PT-90-10 IS AT 650.0 FEET					



DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

PROPERTY JARVIS RESOURCES LTD. - PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-11 PAGE 1/2

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Nov. 11-90

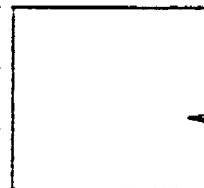
CLAIM No. S.1136790

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Nov. 13-90

DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS nil DEPTH 390.0'

NE. CLAIM POST



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO			
0.0	13.5	OVERBURDEN						
13.5	365.0	ESPANOLA LIMESTONE (HURONIAN)						
		Starts as a brown, weathered and vuggy variety for 8 feet then changes						
		into unweathered buff limestone, marbolized. Minor fracturing and						
		this is mostly healed by re-crystallization. By 23.0' the marble						
		becomes a mix of 60% white and 40% buff marble.						
		A change into grey marble occurs at 34.0' followed by another change						
		at 43.7' into pink-buff limestone. Minor argillite (darker) beds are						
		present. (4-5%).						
		Bedding varies but is at 47° to C.A. at 50.0 feet.						
		A fault zone consisting of brown weathered and broken marble is						
		noted between 94.3-97.6'. Some vugs are present for 2 feet before						
		and after						
		A narrow dark green variety of marble begins at 133.7' and ends at						
		139.3'. This is followed by a grey matrix (60%) with dark, nearly black						

63.6018

DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

PROPERTY JARVIS RESOURCES LTD. - PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-11 PAGE 2/2

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Nov. 11-90

CLAIM No. S.1136790

DEPARTURE _____ DIP OF HOLE -45° COMPLETED Nov. 13-90

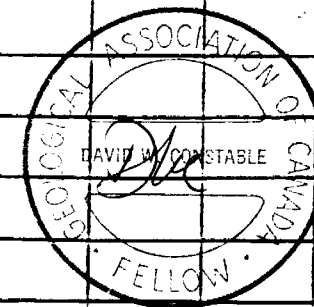


DIRECTION AND DISTANCE FROM

ELEVATION _____ DIP TESTS nil DEPTH 390.0'

NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO			
		beds (40%).						
		From 146.4-180.2' light green colour.						
		Light grey limestone occurs until 207.8' when grey limestone with dark bands appears. This unit shows signs of brecciation.						
		Bedding is distinct at 42° to C.A. Dark beds compass 20% of this rock.						
		At 256.3 a sudden change occurs into darker grey matrix with black beds. The limestone/marble is very hard and fractures are conchoidal.						
		SHARP OUT CONTACT						
365.0	390.0	FELSIC INTRUSION						
		Slightly reddish, very hard and fine-grained. Fractured and featureless.						
		END OF HOLE PT-90-11 IS AT 390.0 FEET						



DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

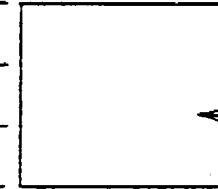
PROPERTY JARVIS RESOURCES LTD. - PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-12 PAGE 1/3

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Nov. 13-90

DEPARTURE _____ DIP OF HOLE -55° COMPLETED Nov. 16-90

ELEVATION _____ DIP TESTS nil DEPTH 480.0'



CLAIM No. S.1136790

DIRECTION AND DISTANCE FROM
NE. CLAIM POST

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO			
0.0	10.8	OVERBURDEN						
10.8	467.0	ESPANOLA LIMESTONE						
		Brown, soft, blocky, and weathered limestone to 18.1' then a change						
		into massive, hard, light grey limestone with minor darker argillaceous						
		beds. Some of the beds are slumped and folded e.g. at 26.5' and 28.7'.						
		The dark beds become more prevalent by 52.1' comprising 25% of the rock.						
		From 78.1'-90.0' is a brown weathered fault zone. Very vuggy and						
		blocky rock. Bedding again is evident in the light grey-dark bedded						
		variety that follows. Bedding is at 26° to C.A.						
		From 132.1-139.8' is another brown, blocky, broken fault zone.						
		This followed by fresh, massive, hard grey limestone with 30% black						
		argillite beds. Some of the beds are displaced by micro fractures.						
		By 183.0' argillite beds are reduced to only 8-10% of the rock.						
		Bedding is still evident at 27° to C.A.						

63.6018

DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

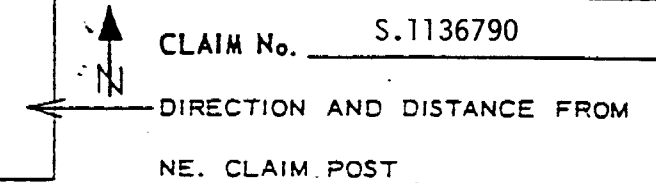
PROPERTY JARVIS RESOURCES LTD. - PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-12 PAGE 3/3

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Nov. 13-90

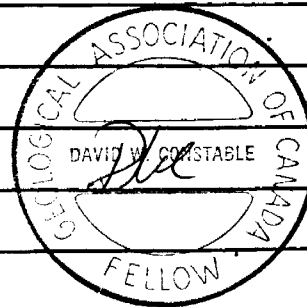
CLAIM No. S.1136790

DEPARTURE _____ DIP OF HOLE -55° COMPLETED Nov. 16-90



ELEVATION _____ DIP TESTS nil DEPTH 480.0'

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY		
FROM	TO			FROM	TO				
		This continues to 452.0' when the black beds disappear and we return to light grey, featureless limestone, buff in places.							
		SHARP OUT CONTACT							
467.0	480.0	FELSIC INTRUSION							
		Hard, light red, massive, fine-grained - nearly mica, grained rock.							
		END OF HOLE PT-90-12 IS AT 480.0 FEET							



DIAMOND DRILL RECORD

LOGGED BY D. CONSTABLE

CONSTABLE CONSULTING INC.

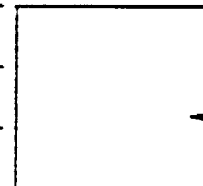
PROPERTY JARVIS RESOURCES LTD. - PARKIN TOWNSHIP PROPERTY

D.D.H. No. PT-90-13 PAGE 1/3

LATITUDE _____ BEARING OF HOLE 220° (Ast.) STARTED Nov. 17-90

DEPARTURE _____ DIP OF HOLE -55° COMPLETED Nov. 20-90

ELEVATION _____ DIP TESTS Nil DEPTH 470.0'



CLAIM No. S.1136790

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

63.6018

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO			
0.0	8.7	OVERBURDEN						
8.7	460.2	ESPANOLA LIMESTONE						
		Weathered, brown and soft for initial 6 feet then into a massive white and buff mixture (70:30). The rock is fractured and marbilized. It is also very hard and fractures conchoidally.						
		Ferro-mag-rich beds occur from 42.1-49.3'. Rock is gneissic.						
		This is followed by a buff colour in which dark bedding appears at 68.1'. The dark bands comprise 25% of the rock.						
		Rock is slightly blocky from 87.3-89.9'.						
		From 115.8-123.2' is a weathered, brown soft faulted section.						
		Very vuggy.						
		A sharp change occure at 162.8' into grey limestone with black beds (20%). The bedding is irregular and fractured. Traces of pyrite occur within the dark beds. They are euhedral crystals.						

