



GEOLOGICAL REPORT

On

1987 Programs

Of

-Geological Mapping-

-Stripping, Trenching, Sampling-

-Prospecting-



Turnbull Twp., Ontario

for

DELBRIDGE MINES LTD.

Ralph V. Stewart, B.Sc., P.Geol., F.G.A.C.
March 23, 1988



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GEOLOGICAL PLAN-No. 2 Shaft Area----Dwg. No. S 87-13(1" to 20')
GEOLOGICAL SKETCH PLAN-Line 24 South Area-Dwg S 88-4 (1" to 20')

SUMMARY

During 1987, geological mapping was completed in three general areas on the Turnbull Twp. property (see SKETCH-pg.5). In addition to this field mapping, the 1987 field geophysical survey data was also plotted and interpreted by the writer. Subsequent to a 1987 diamond drilling program on the property, the core logging data was analyzed, evaluated and summarized in a recent report by the writer. This report evaluates the geological data in relation to the geophysical, and diamond drilling information. The recommendations in this report were prepared after considering all the above information.

DESCRIPTION OF 1987 SURVEYS

The writer spent the following periods completing geological mapping on the property:

LOCATION	TIME PERIOD	DESCRIPTION
No. 1 & 2 Shaft Areas (South & N.E. Sheets).	July 28-August 12, 1987	Geological mapping on a scale of 1" - 200', and 1"-20' in the area of the two shafts.
N. W. Sheet	Oct. 5 to Oct. 8, and Oct. 12 to Oct. 16, 1987.	Geological mapping- Scale 1"- 200'.

The mapping used the control lines (400' spacing) established for geophysical control. In the vicinity of the No. 1 shaft the lines were spaced on 200' centres. The areas between the lines were traversed and outcrops tied into the grid by chaining to the nearest picket. During the geological mapping, representative samples of mineralized quartz vein and bedrock were sampled. These samples are designated as follows:

LOCATION	SAMPLE NUMBERS
No. 1 & 2 Shaft Areas (South & N.E. Sheets)	S-1 to S-36
N. W. Sheet Area	S-A1 to S-A8

Locations and assay values for these samples are tabulated in the attached Appendix A.

GEOLOGY

As shown on the Ontario Division Of Mines's map 2330 (Scale 1' to $\frac{1}{2}$ mile), the western part of Turnbull Twp, on which the Delbridge Mines Ltd. property is located, is underlain principally by a series of mafic rocks, (gabbro, gabbro porphyry peridotite, dunite) of early precambrian age. These rocks are in turn intersected by bodies of felsic intrusives of granodiorite and aplitic composition. Intruding both of these rock types, and frequently occurring close to the gabbro-granodiorite contacts, are quartz veins and veinlets carrying disseminated pyrite, chalcopryite, and malachite. Gold is often associated with sulphides in these quartz rich veins and veinlets. Intruding these rocks are dikes of diabase composition generally trending in a north-south direction. The rocks mapped by the writer in 1978 are described below.

ROCKS

The following tabulation of rocks mapped by the writer, is also shown on the legend of the accompanying geological plans:

- 3 Diabase or Olivine Diabase
- 2a Aplite or Granite
- 2b Granodiorite
- 1a Diabasic Gabbro
- 1b Gabbro (silicified-altered).
- 1c Gabbro (porphyritic)
- 1d Gabbro (fine grained)
- 1e Dioritic Gabbro

The Gabbro units tabulated above, are generally medium grained massive rocks, dark green to gray in outcrop, and with no 'sharp' contact between the types described. The diabasic gabbro unit can easily be mistaken for a diabase dyke, and a prominent layer of this rock lies above the granodiorite hosting the No. 1 shaft vein, and to the west is in contact with a diabase dyke. These contact relationships were noted underground, during the 1985-86 mapping. The 'porphyritic gabbro' generally occurs as narrow layers, and was frequently noted at the contacts of quartz veins and veinlets. This so called porphyry phase may be linked 'genetically' with the injection of these veins and veinlets. In the field, the porphyrys have a coarse grained 'spherulitic-nodular' appearance and are generally narrow discontinuous bodies striking in a north-south direction. The other phases of gabbro are often discreet, and it is difficult to pin down actual contacts. These rocks are most likely differentiated from a common magma, thus forming discreet differences in texture and composition.

Granodiorite-These 'felsic units' are relatively easy to distinguish from the gabbro rocks. In general they are dark to medium gray in color, but light pink colored phases were also observed. They are generally medium grained, and appear to 'invade' the gabbros along irregular contacts.

The auriferous quartz veins and veinlets in general appear to occur predominantly within the granodiorites, but close to the contacts of these rocks with the gabbros. Quartz veins were also mapped in the gabbros, but certainly the 'contacts' of these units appear to be a favorable host environment for mineralized siliceous veins.

Aplite or Granite-White and light colored, fine grained 'aplitic rocks' were observed with much more frequency in the north part (N.E. & N.W. Sheets) of the Delbridge claims. Granites in the north sector also appear to be finer grained, and locally have a 'light greenish hue and color'. Field differentiation of the variance between gabbros and granodiorites is more difficult in the northern half of the property. A number of white colored 'aplitic intrusive dykes' were observed to the east and north of Shaft No. 2.

Diabase-Dykes of this composition were noted in the three areas mapped in Turnbull Twp. They are dark green to grey in color, and generally show the typical ophitic texture. The prominent dyke located some 200' west of Shaft No. 1 is moderately magnetic, and can be interpreted from the magnetic surveys. In addition to these wider dykes, narrow diabasic dykes (1' to 2' in width) were also noted close to the 'wider' dykes.

STRUCTURES AND THEIR POSSIBLE ECONOMIC SIGNIFICANCE

It is postulated from the writers observations in 1987, that the north-south trending diabase dykes may reflect zones of structural weakness in the 'pre diabase' bedrock. Where there is a 'bending' of the diabase dykes (ie due west of No. 1 shaft) there is also some indication of the development of gold bearing quartz veins in these areas. In other locations such as at L 100N-40W, there is a 'tangential' relationship between a major quartz vein and diabase dyke intrusive zone. It is therefore recommended that exploration for gold bearing quartz veins be focussed in areas where diabase dykes bend, or where there is an indication that fault zones intersect these dykes. It was also pointed out above, that the most favorable area for locating gold bearing quartz veins is within the granodiorites but close to their contacts with the gabbros. Areas close to this favorable contact, and also close to 'bends' in diabase dykes, would therefore seem to be the most favorable location for the development of quartz veins.

RECOMMENDATIONS

Further geological mapping and prospecting as follows is recommended for the property :

1. Complete mapping (scale 1" to 200") the Turnbull Twp property. This includes all those unmapped areas indicated on the accompanying sketch- page 5.

2. Complete more detailed mapping (Scale 1' to 20') where 1988 stripping and cleaning may expose mineralized quartz veins. The first required detailed mapping will be in the L 24 South Area where stripping was completed late in 1987.

3. Prospecting, trenching and blasting (in addition to that in the No. 1 & 2 Shaft Areas, and L 24 South Area) should be be centred around the following locations:

- o Reported quartz veining near the east boundary of the property, near L 8 N @ 17 East.(1)
- o Reported gold assay of 0.29 ozs., located some 4300' West on projected Line 0. The assay was reported from a trench containing sheared and broken gabbro intruded by quartz veinlets striking N 18° W.(1)
- o A reported quartz vein estimated to be on the west projection of Line 8N, at approximately 3400 W.(1) A reported quartz vein assaying 0.19ozs Au, and located at approximately 800 W, between lines 92 & 96 N. This is from an old report and it is possible that it may be the same vein examined by the writer in 1987.-Dwg S 87-12-patented claim no. 40454.
- o The mineralized quartz veins, geologically mapped by the writer in 1987, and located at 2600 east, between lines 76N & 80N. (1)
- o The following seven locations defined by 1987 geological mapping: L 8N @ 9W to 10.5W; L 6N @ 10.5 to 12W; L 6S @ 13.5W to 14.5W; L 7S @ 8W to 9W; L 2N @ 7.4W; L5S @ 8.5W to 9.5W; L 87.7N @ 21W. (1) See these locations on the SKETCH, page 5.

The estimated cost to complete this program of geological work is as follows:

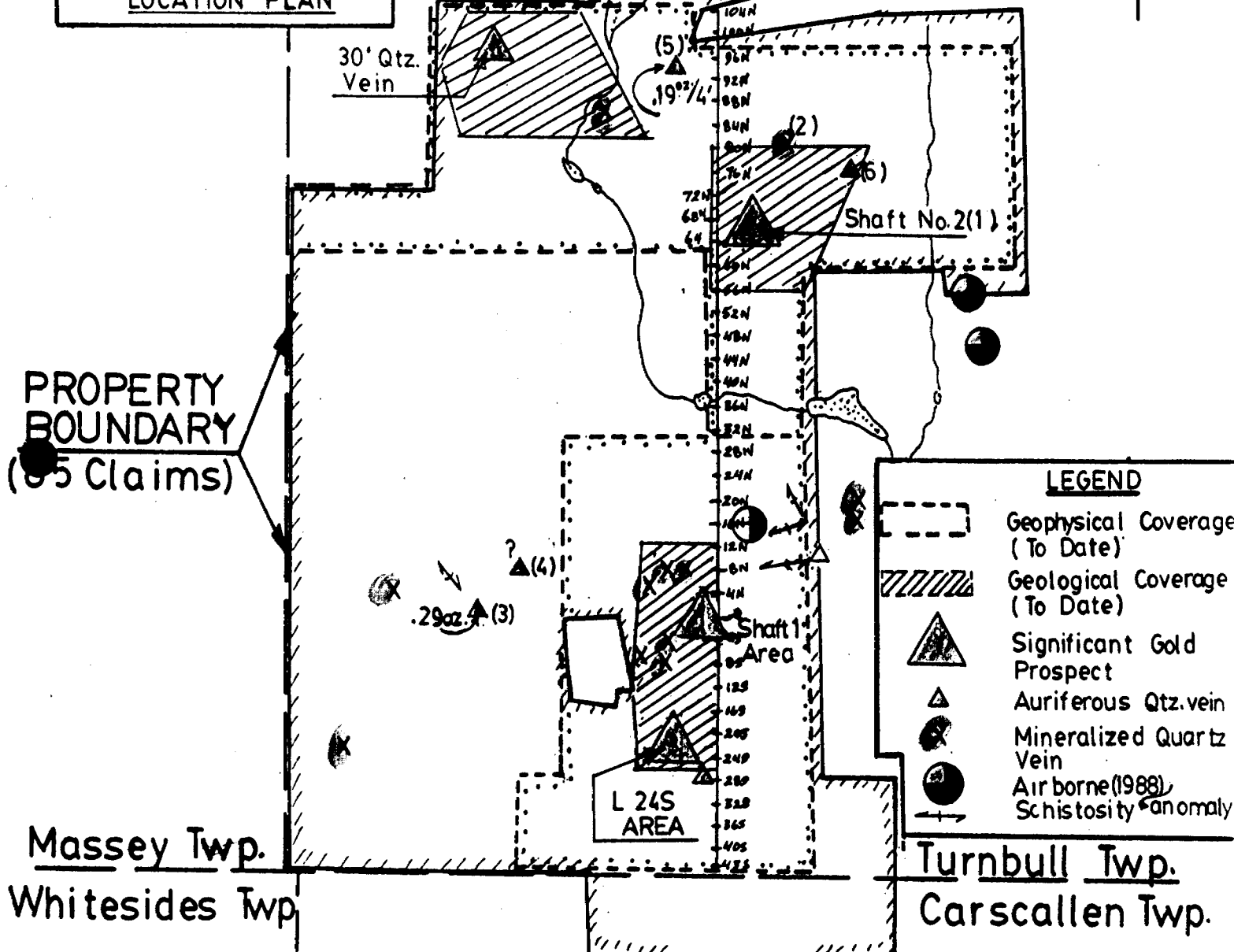
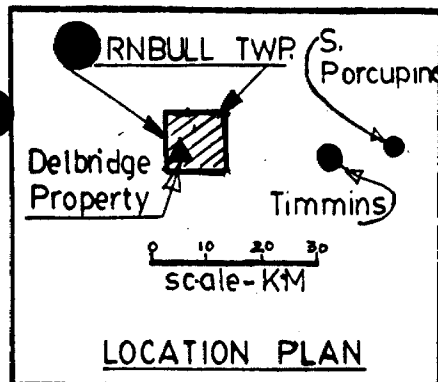
COMPLETE GEOLOGICAL MAPPING--	\$ 18,200
PROSPECTING OF AREAS UNDER	
3 ABOVE-----	\$ 9,000
FINAL REPORTS: GEOLOGY,	
DRILLING AND GEOPHYSICS-----	\$ 10,500
Total	<u>\$ 37,700</u>

DELBRIDGE MINES LTD.

-PROPERTY PLAN-

(Turnbull Twp.)

SCALE: 1" = 1/2 Mile



- (1) LEVETT & RITLA CLAIMS
- (2) NORTH OF SURVEYED Claim P 8938
- (3) LEDUC CLAIMS 8799 & 9776
- (4) CLAIMS 8798 & 9775
- (5) GANTZ CLAIMS
- (6) CLAIM 35133

N.B. These are referred to on pages 15 to 20 of WOLVERTONS 1985 Report.

-APPENDIX A-

Sample Descriptions-Work Period July 28 to August 12, 1987

<u>Sample Number</u>	<u>Sample Location</u>	<u>Sample Description</u>
S-1 ^{AV ASSAYS} _{0.02/0.01 OR ppb} .02	L 8N @ 10W	Disseminated pyrite in narrow quartz veins cutting granodiorite.
S-2 .02	L 7N @ 9W	Disseminated pyrite in quartz veins.
S-3 Nil	L 8N @ 8W	Similar to S-2. Azimuth of quartz vein is 070
S-4 Nil	L 7N @ 6.4W	Similar to S-2.
S-5 Nil	L 8N @ 11W	Pyrite in granodiorite adjacent narrow quartz vein.
S-6 No Assay	L 8N @ 5.5W	Mineralized gabbro (disseminated pyrite).
S-7 No Assay	L 6S @ 13.5W	Disseminated pyrite in quartz veins.
S-8 No Assay	L 4S @ 8W	Disseminated pyrite in gabbro adjacent narrow diabasic dyke.
S-9 146 ppb.	L 7S @ 8.7W	Disseminated pyrite in granodiorite.
S-10 10 ppb	L 7S @ 8W	Quartz carbonate veinlets with disseminated pyrite and sphalerite.
S-11 10 ppb	L 12S @ 5W	Felsic granodiorite cut by 1"-2" wide quartz veinlets.
S-12 40 ppb.	L 16S @ 4.6W	Silicified-chloritized zone with pyrite adjacent 6"-8" wide quartz veins (5% pyr.).
S-13 70 ppb	L 20S @ 2.5W	Silicified, altered gabbro with 1% disseminated pyrite (adjacent granodiorite).
S-14 .06 oz.	L 22.5S @ 5W	Fine and coarse grained pyrite, within and adjacent quartz veins striking at Az. 110°
S-15 No Assay	L 2.25S @ 5.5W	Pyrite in quartz veins and veinlets.
S-16 50	L 6N @ 11W	Disseminated pyrite in quartz veins intruding granodiorite.
S-17 .05025.	L 6N @ 11W	As above (S-17).
S-18 .08025.	L 66N See Dwg. S 87-13	Pyrite in quartz vein material.
S-19 Nil.	" "	" " " " " "

Sample Descriptions-Work Period July 28 to August 12, 1987

<u>Sample Number</u>	<u>Au Assays</u> (Oz/Ton or ppb)	<u>Sample Location</u>	<u>Sample Description</u>
S-20	440ppb	L 66N-See Dwg. S 87-13	Pyrite in quartz vein material.
S-21	Nil	" "	Disseminated pyrite within white colored aplitic dyke rock, and near the contact of aplite.
S-22	750ppb (.02)	" "	Pyrite in quartz vein material.
S-23	Nil.	L 78N @ 23E	Quartz vein and pyritized granodiorite.
S-24	Nil.	L 77N @ 26.5E	Pyrite in quartz vein material.
S-25	Nil.	L 77.5 N @ 25.2 E.	Narrow quartz veinlets intersecting 'diabasic gabbro'.
S-26	.15ozs.	Patented Claim 40454 (Dwg. S 87-12)	Pyrite stringers in 'blue colored' quartz.
S-27	70ppb.	" "	Sericite fracture zone in quartz vein with disseminated pyrite.
S-28	Nil	Northwest Quartz Vein (see attached sketch)	Narrow pyrite stringer in quartz.
S-29	40ppb	" "	" " " " " " "
S-30	70ppb.	Chalcopyrite vein-west of patented cl. 4873.	Disseminated chalcopyrite in narrow quartz vein.
S-31	.01ozs	L 24S @ 12.7W-	Pyritized, carbonatized granodiorite with 5% disseminated pyrite.
S-32	.01ozs.	L 24S @ 11.5W-	Pyritized chloritic material in contact with white felsite dyke in granodiorite.
S-33	140ppb	L 22S @ 9.4W--	Pyritized granodiorite cut by quartz stringer.
S-34	10ppb.	L 22S @ 8.8W--	Highly carbonatized and sheared granodiorite with fine pyrite in quartz veinlets.
S-35	70ppb	L25S @ 9W-----	Quartz/carbonate vein material w/ pyrite.
S-36	180ppb.	L23S @ 3.5W---	Pyritized granodiorite adjacent quartz vein

-APPENDIX A-

Sample Descriptions-Work Period October 5 to 19, 1987

<u>Sample Number</u>	<u>Sample Location</u>	<u>Sample Description</u>
S-A1	Line 105 North @ 32 West.	Narrow oxidized/silicified zone (6" wide) within granodiorite.
S-A2	Line 101 North @ 32+40 West	Narrow (12")pyritized felsic stringer (2% Py.) cutting gabbro.
S-A3	Line 101.6 North @ 37+00 West.	A 12" to 24" wide silicified zone in granodiorite. Sample taken adjacent to Delbridge sample # 37.
S-A4	96 North @ 37+50 West	Sheared quartz with 1% disseminated pyrite.
S-A5	93 North @ 47 West	Blebs and disseminated pyrite in gabbroic boulders? or decomposed bedrock (1% disseminated pyrite).
S-A6	80 North @ 19+50 West	Blebs of pyrite and galena?, within diabasic looking rock.
S-A7	88 North @ 20 West.	Minor disseminated pyrite in wallrock and narrow quartz veinlets beside a 24" wide quartz vein.
S-A8	22 South @ 3 West	Fine disseminated pyrite in aplitic or silicified rock, adjacent to a quartz vein.

NB: As of February, 1988 these samples had
not been assayed.



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244 FAX: (705) 642-3300
ANAYLTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Handwritten signature and notes

Certificate No. 67771 Date: Aug. 20, 1987

Received Aug. 18, 1987 32 Samples of Rock

Submitted by Skytron Exploration & Development Ltd., Timmins, Ontario.

ATTENTION: R. Onotsky

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
S-1 2410	690/550 .02 g/s	S-21 2426	Nil
S-2 2411	580 .02	S-22 2427	750 .02
S-3 2412	Nil	S-23 2428	Nil
S-4 2413	Nil	S-24 2429	Nil
S-5 2414	Nil	S-25 2430	Nil
S-6 2415	140	S-26 2431	4730/5010
S-7 2416	10	Second Pulp	4940/4390
S-8 2417	10	S-27 2432	70
S-9 2418	40	S-28 2433	Nil
S-10 2419	70	S-29 2434	40
S-11 2420	1580/1710 0.05 g/s	S-30 2435	70
S-12 2421	50	S-31 2436	370 -.01
S-13 2422	1580 .05	S-32 2437	470/270 .01
S-14 2423	2740/2740 .08 g/s	S-33 2438	140
S-15 2424	Nil	S-34 2439	10
S-16 2425	440 .01	S-35 2440	70
		S-36 2441	180

Per *G. Lebel*
G. Lebel - Manager



1987 Stripping-Trenching-Sampling Program

TABULATION OF ASSAY RESULTS

A representative series of assay results selected from the areas blasted and sampled in 1987 are plotted on the Drawings S 87-11, S 88-4, and S87-13. These relate to work in the shaft No. 1, No. 2, and Line 24 South areas. These assay results, as well as numerous others in these areas, are attached on assay certificate sheets, pages 15B to 28B. These pages are tabulated in order of dates processed, starting on February 2, to November 2, 1987. The location of the samples is noted on each of the attached sheets.

STRIPPING, TRENCHING, SAMPLING (1987)

SUMMARY

During 1987, the company completed programs of stripping, trenching, blasting (with power equipment), and follow-up sampling on the following trenches; Turnbull Twp. property.

No. 1 Shaft Area-Trenches A,B, & C.(1)

No. 2 Shaft Area-Main Trench east of old shaft.(2)

Line 24 South Area-Trenches No. 1 & 2. (3)

Line 8N-6W Trench-Trench D.(4)

(1) Drawing S-87-11 (2) Drawing S-87-13

(3) Drawing S-88-4 (4) Drawing S-87-10

A detailed breakdown of this work is tabulated as follows:

<u>AREA</u>	<u>WORK PERIOD</u>	<u>TRENCH DIMENSIONS AND DESCRIPTION</u>			
		<u>Trench</u>	<u>Length</u>	<u>Width</u>	<u>Depth(5)</u>
No. 1 Shaft Area	Jan., Feb., & March, 1987	A	100'	5'	8'
		B	80'	(10'-15')	8'
		C	60'	7'	8'
No. 2 Shaft Area	February 1987	1987	130'	(5'-10')	8'
Line 24 South Area	September & Oct., 1987.	1 (North)	100'	(10'-15')] to rock
		1 (S. East)	190'	(15'-40')	
		2	90'	15'] "
		1 (Pit Blast)	10'	8'	8'
Line 8N-6W Trench	February 1987	1	100'	10'	(1'-8')

(5) Indicates depth of drill holes and blasting.

DESCRIPTION OF WORK BY AREA

No. 1 Shaft Area

The stripping and blasting in this area follows underground and other surface exploration in 1985 and 1986. The 1987 work consisted of stripping the trees and vegetation from the main shaft area along a north-south direction, some 450 feet in length, and over an east-west distance of some 80 feet. The area stripped now extends from some 140 feet north of the shaft, to the southern end of Trench 'C' (Drawing S 87-11). Following this work, the area overlying the main 'quartz vein system' was stripped with a backhoe to expose the mineralized veins. Subsequent to this, a number of trenches were blasted (TRENCHES A, B, C), and the exposed quartz vein material, as well as selected samples of mineralized quartz 'muck material' were sampled and assayed. A tabulation of the assay results from this sampling is included in the attached APPENDIX. Typical assay results from this sampling of 'mineralized muck material' are plotted on the accompanying drawing S 87-11. Some of the best gold values are as follows: 1.01, 2.05 and 0.78 ounces gold/ton.

No. 2 Shaft Area

This area is located approximately 1½ miles north of No. 1 shaft, and discovered early in 1987, following prospecting recommendations by William A Hogg in a 1986 report. The location of this area is about midway between grid lines 64N and 68N, at 6+50 east of the base line. The stripping here consisted of clearing the soil and vegetation from around an old shaft where anomalous values in gold were obtained from selected grab samples taken from the shaft area. The shaft is reported to extend to a depth of 30-40 feet, but the writer was not able to verify this during 1987 work here, as the location was covered by broken rock. Following the removal of vegetation the shaft area was cleaned with a back hoe and the exposed east-west 'quartz vein-shear zone' east of the shaft was drilled and blasted in two areas over a length of 130'. Following the blasting, a number of samples of mineralized quartz vein-granodiorite material were selected for assay. The location of typical selected samples are shown on the accompanying drawing S 87-13, and as shown, a couple of the best assay values yielded 0.58 and 0.18 ounces gold/ton. A tabulation of the limited number of samples selected from this area is given in the attached APPENDIX.

Line 24 South Area

Stripping, trenching and blasting in this area followed discovery of anomalous gold values in mid 1987, during geological mapping (by the writer), and subsequent prospecting and sampling (by Alex Miller). As shown on the accompanying drawings S 87-10 and S 88-4, a number of 'old trenches' north and south of line 24 South, yielded anomalous gold values over an area measuring 1000' (east-west), by approximately 400' (north-south). The outcrops, trenches etc. in this area are shown on Drawing S 87-10. Following the return of anomalous values in the area of Delbidge sample #9 (Dwg. S 87-10), a program of 'bulldozing', power stripping, trench-blasting and sampling was carried out in those areas shown on the accompanying drawing S 88-4. The best assay result from the 'blasted area' yielded a chip value (across 3') of 0.121 ounces of gold/ton. Subsequent diamond drilling below this point gave a value of 0.145 oz as described in the accompanying diamond drilling report. A description of the assay values taken in this area is tabulated in the following APPENDIX section.

Line 8N-6W Trench

This trench was excavated in an east-west direction to test some former evidence of mineralization here. The general size and brief description of this trench is shown on drawing S 87-10. The trench was first excavated with a bulldozer, and although the west end of the trench occurs on outcrop, the rock surface falls off quickly to the east, and at the time of the writers visit, the east part of the trench was filled with water. Disseminated sulphide (pyrite) mineralization was noted where the rock outcrop at the western end of the trench, and blasted earlier in the 1987 program. The mineralization appears to be concentrated in a silicified 'schistose' section of gabbro. It has been reported that selected samples taken earlier in 1987 here yielded gold values from 'trace' to 0.10 ounces/ton. This was not verified by the writer due to the poor exposure and the water filled trench. This trench will have to be pumped out and systematically sampled and evaluated before any conclusions or recommendations can be made.

COMMENTS AND RECOMMENDATIONS

The 1987 stripping, trenching, and blasting programs in the area of No. 1 & 2 Shafts, resulted in the production of considerable broken rock, in the immediate area of the drilling. The greater percentage of this 'muck' is presently covering the floor and walls of the blasted areas. It should also be pointed out that the majority of 1987 samples collected from these two areas(attached Appendix), were not 'channel' or 'chip' cuts, but mainly selected mineralized samples of broken rock. Representative assay results from the 1987 work are shown on the three drawings S 87-11, S 87-13, and S 88-4. The trenching and blasting in the area of Line 24 S. (Dwg. S 88-4), has resulted in a 'cleaner trench' than those described above. The sampling here ia a combination of 'chip' and 'grab' as shown on the drawings. The trench excavated at 8N-6W, was was principally water filled during the writer's visit in July, and the blasted rock (silicified/schistose gabbro with disseminated pyrite) exposed near the west end of the trench, may not be representative of the water filled portion of the excavation.

Recommended work for 1988 in the areas blasted in 1987, includes cleaning out the trenches (with a power driven backhoe) of broken rock, then sampling and evaluating the 'fresh' pit faces and walls. The estimated excavation costs for this and other areas are as follows:

Shaft No. 1 Area (Trenches A, B, & C).....	\$ 23,000.
South Of Shaft No. 1 (See Dwg. S 87-10).....	\$ 19,000.
Line 24 South Area.....	\$ 17,000.
N. W. Quartz Vein (30' wide).....	\$ 6,500.
Six Areas recommended in R. Stewart's August 27/87 report.....	\$ 9,000.
N. E. Quartz Vein (L 76 North-near road)....	\$ 3,000.
Field supervision for above.....	\$ 3,600.
Total	<u>\$ 81,100</u>

CONTRACTORS--1987 STRIPPING, BLASTING, & SAMPLING

The following Contractors or Individuals completed or assisted in these programs with the equipment indicated:

Claude Caron, Contractor--Supplied a John Deere dozer with backhoe (hydraulic) and one yard bucket.

Dan Carrol, Contractor--Mr. Carrol with two Assistants completed hand stripping, air drilling (plugger), and sampling work.

John Delost Construction--Supplied air compressor with two Assistants, and drilled, blasted , and sampled the trenches

Alex Miller--Worked with and supervised the Contractor's work.

Robert Onotsky--Overall supervision of the exploration program.

A more complete listing and detailing of this project work period and costs has been prepared in a separate document, and will be submitted for assesement and other purposes.

timmins

-15B-

Analytical Services
P.O. Box 842
McIntyre Road
Schumacher, Ontario
Canada PON 1G0
Phone 705-264-5111

NORTH OF SHAFT No. 1
Trench A

CERTIFICATE OF ANALYSIS

Samples of: Core

Date: February 2, 1987

No.: A - 32 - 87

Samples from: 9178

Received: January 22, 1987

Lab number	Shipper number	OPT		OPT					
		Au	FA	Au	AA				
<i>North of No. 1 shaft TR-A</i>	[REDACTED]	nil							
	[REDACTED]	nil							
	[REDACTED]	.017 ✓							
	[REDACTED]	.019 ✓							
	[REDACTED]	.010							
	[REDACTED]	.018 ✓		.021					
	[REDACTED]	.039 ✓							
	[REDACTED]	.010							
	[REDACTED]	.035 ✓		.035					
	[REDACTED]	.009							
	[REDACTED]	.011							
	[REDACTED]	.016 ✓							
	[REDACTED]	.002 ✓							
	[REDACTED]	tr							
	[REDACTED]	2.047 ✓							
	[REDACTED]	1.018 ✓							
	[REDACTED]	.524 ✓							
	[REDACTED]	.779 ✓							
[REDACTED]	.571 ✓								
	Still in progress								
	2582	.023 ✓		.021					
	2585	.041 ✓		.055					

Per: *R. Wagner*

timmins

Analytical Services
P.O. Box 842
McIntyre Road
Schumacher, Ontario
Canada P0N 1G0
Phone 705-264-5111

-16B-

NORTH AND SOUTH OF SHAFT No 1
Trenches A & B

CERTIFICATE OF ANALYSIS

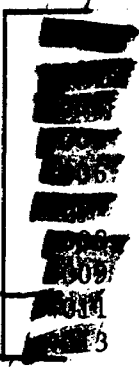
Samples of: Core

Date: February 2, 1987

No.: A - 32 - 87

Samples from: 9178

Received: January 22, 1987

Lab number	Shipper number	OPT					
		Au FA	Au AA				
<i>No 1 SHAY</i> <i>No 1 TR A</i> <i>No 1 SHAY</i> <i>No 1 TR B</i>		.521					
		.426	.457*				
		.567					
		.100					
		.054	.047				
		.155*	.098				
		.358*	.301				
		.016	.016				
		.714	.50+				
		.026	.028				
				* nugget effect			

Per: *R. Wagner*

timmins

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-17B-

SOUTH OF SHAFT NO. 1

Trench B

CERTIFICATE OF ANALYSIS

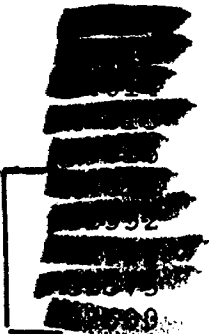
Samples of: Chip

Date: February 6, 87

No.: A - 43 - 87

Samples from: 9178

Received: February 3, 87

Lab number	Shipper number	OPT Au FA	OPT Au AA				
		.079 nil .005 nil tr nil tr nil nil .440	.087 .302				

South
of No 1
Shaft
TR B
F

Per: Arne Martha

timmins

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-18B-

NORTH OF SHAFT NO. 1
Trench A

CERTIFICATE OF ANALYSIS

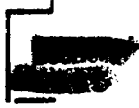
Samples of: Chip

Date: February 9, 87

No.: A - 43 - 87

Samples from: 9178

Received: February 5, 87

Lab number	Shipper number	OPT Au FA	OPT Au AA				
<i>No. 41 shaft T.R.A.</i>		.023 .041	.021 .055				

Per: Anne Martha

TRENCHES A,B,C (Shaft No. 1) & SHAFT No. 2



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TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 65867

Date: March 4, 1987

Received Feb. 24, 1987 34 Samples of Ore

Submitted by Skytron Exploration and Development Ltd., Timmins, Ontario.

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
<i>S. of Shaft (TR) TR C</i> → 4004	10830/11590	4055 (i)	5010
→ 4020	1920	4056 (i)	500
→ 4023	70	4057 (i)	70
<i>S. of Shaft TR B #1</i> → 4026	60	4058 (i)	100
→ 4031	190	4059 (i)	20
→ 4037 (i)	16180/19610	4101	200
→ 4038 (i)	1130	4107	140
<i>Shaft No. 2 TR</i> → 4039 (i)	10	4116	Nil
→ 4040 (i)	1990	4117	510
→ 4042 (i)	5970	4124	20
→ 4043 (i)	2260	4126	Nil
→ 4044	4530	4127	Nil
→ 4045	440	4209	2610
→ 4047	890	2597	17620/25100
→ 4048	1100	Second Pulp	27360/34220
→ 4049 (i)	22420/25510		
→ 4050 (i)	580		
<i>S. of Shaft No. 1 TR B</i> → 4051	58900/72690		
→ 4053	61710		
→ 4054	144000/147160		
→ Second Pulp	171980/165740		

(1) Shaft 2 Area

Per G. Lebel
G. Lebel - Manager



timmins

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 Canada P0N 1G0
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TRENCHES B & C (Shaft No. 1)

CERTIFICATE OF ANALYSIS

Samples of: Core

Date: March 9, 1987

No.: A - 90 - 87

Samples from: 9178

Received: March 4, 1987

Lab number	Shipper number	PPB Au				
	610	<210				
	611	360				
Shaft No. 1-TRC	4018 (SE1)	3720(.11)				
	4019 (SE1)	2320(1.07)				
	4021 (SE1)	280(1.0)				
	4024 (T1)	<210				
	4025 (T2)	<210				
	4029 (T3)	<210				
	4030 (T3)	340				
	4032 (T4)	<210				
	4033 (T4)	<210				
	4034 (T5)	<210				
	4035 (T5)	<210				
	4041 (W/SK2)	560				
	4045 (SE1)	280(.01)				
	4046 (SE1)	<210				
	4052 (S)	1410				
	4102 (T2)	<210				
	4103	RA				
	4106 (T7)	RA				
	4115 (T10)	<210				
	4118 (T5)	<210				
	4120 (T9)	<210				
	4121 (T10)	<210				
	4122 (T10)	<210				
	4123	<210				
	4125	<210				

Shaft No. 1-TRC

S. of Shaft No. 1 TR B?

Shaft 2 TR TRC(11)

South of No. 1 Shaft TR B

Per: *[Signature]*

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TRENCH A (Shaft No. 1)

CERTIFICATE OF ANALYSIS

Samples of: Reassays

Date: March 11, 1987

No.: A - 90 - 87

Received: March 4, 1987

Samples from: 9178

Lab number	Shipper number	PPB Au					
	<p><i>Not Shaft #1</i> <i>TRA</i></p> <div style="border: 1px solid black; width: 100px; height: 20px; background-color: black; margin: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; background-color: black; margin: 5px;"></div>	<p>790 220</p>					

Per: *[Signature]*

2001-008

-22B-



ASSAYERS (ONTARIO) LIMITED

Trenches A, B, & C (Shaft 1

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

& Shaft No. 2 Area.

Certificate of Analysis

Certificate No. GA-13/6087

Date: March 27, 1987

Received Mar. 14/87 48 Samples of Rock

Submitted by Gallo Exploration Services Inc. Att'n: Mr. E. A. Gallo

Project: DEL

Sample No.	Au ppb	oz/ton	Sample No.	Au ppb	oz/ton	Sample No.	Au ppb	oz/ton
A-4006	>10000	.42	A-4233	141	✓	G-2577		17
4010	471		G-2501	835	.024	2583		33
4054	>10000	5.57(5.34)	2548	83		2584		24
<i>SHAFT #2</i> [redacted]	9161	.26	2549	85		2586		<5
[redacted]	8960	.27	2550	38		2591		<5
[redacted]	>10000	.43	2551	47		2593		<5
[redacted]	9250	.27	2554	494		2595		240
<i>4054's TR A</i> 4207	>10000	.69	2555	909	.023	G-2596	1599	.052
<i>South of #1 shaft TR B</i> 4208	168		2558	240				
4209	2610		2560	1945	.057			
4210	235		2561	>10000	.83			
4212	1634	.053	2563	2889	.077			
<i>No. Sh. Area TR C</i> 4213	3237	.10	2564	170				
4216	199		2567	92				
4217	229		2569	62				
4218	85		2570	76				
4221	92		2571	103				
<i>No. Sh. TR B</i> 4222	103		2572	69				
4226	58		2574	62				
4231	76		G-2576	74				
A-4232	74							

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Per _____

J. van Engelen Mgr.



-23B-

TRENCH A (Shaft No. 1)

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ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 67842

Date: Aug. 28, 1987

Received Aug. 18, 1987 44 Samples of Whole Core & Ore

Submitted by Skytron Exploration & Development Ltd., Timmins, Ontario.

ATTENTION: Mr. R. Onotsky

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
Q-01 ✓	Nil	L-2201	27700/29420 ✓
02 ✓	Nil	2401 ✓	30
03 ✓	Nil	2402 ✓	Nil
04 ✓	20	2403 ✓	50
05 ✓	Nil	2404 ✓	40
06 ✓	10	2405 ✓	Nil
07 ✓	Nil	2406 ✓	Nil
08 ✓	10	2407 ✓	70
09 ✓	Nil	2408 ✓	Nil
10 ✓	200/100	2409 ✓	20
11 ✓	150/140	2442 ✓	10
12 ✓	Nil	2443 ✓	Nil
13 ✓	Nil	2444 ✓	Nil
14 ✓	30	2445 ✓	30
15 ✓	Nil	2446 ✓	20
16 ✓	240/110	2447 ✓	Nil
17 ✓	Nil	2448 ✓	30
18 ✓	Nil	A-4005	1170
19 ✓	Nil	A-4205	25920/25850
20 ✓	Nil	Second Pulp	34220/33810
21 ✓	Nil	2559	5900
22 ✓	Nil		
23 ✓	Nil		
24 ✓	Nil		

split core

split core

A-4005 1170
A-4205 25920/25850
Second Pulp 34220/33810

TR A.

Per G. Lebel
G. Lebel - Manager



ESTABLISHED 1928

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LINE 24 South (Pits 1 & 2)

CERTIFICATE OF ANALYSIS

Samples of: MUCK

Date: September 11, 1987

No.: A-254-87

Samples from: 9178

Received: September 9, 1987

Lab number	Shipper number	opt * Au FA					
	2454	.007					
	2455	.007					
	2456	.009					
	2457	.036					
	2458	.009					
	2459	.121					
	2460	.018					
	2461	.026					
	2462	.086					
	2463	.032					
	2464	.010					
			* Checked by AA				

No 1 Pit Area
A-254-87
245000

Per: *[Signature]*

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TRENCH C (Shaft No. 1)

CERTIFICATE OF ANALYSIS

Samples of: CORE & CHIP

Date: September 16, 1987

No.: A-254-87

Samples from: 9178

Received: September 1987

number	Shipper number	opt * Au FA					
	2449	NIL					
	2450	.004					
	2451	TR					
	2452	.006					
	2453	NIL					
	2478	.649					
	2479	.006					
	NO TAG	TR					

Handwritten notes:
No. 87-59
South of Shaft #1
TRC.

* Checked by AA

Per. *Magner*

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LINE 24 SOUTH (PITS 3 , 2 & 1)

CERTIFICATE OF ANALYSIS

Samples of: CHIP & CORE

Date: September 16, 1987

No.: A-254-87

Samples from: 9178

Received: September 1987

b number	Shipper number	opt * Au FA	opt Au FA RA				
	2202	.003					
	2203	.003					
	2204	RA	nil				
	2205	RA	nil				
	2206	.011					
	2207	nil					
	2465	.003					
	2466	.022					
	2467	.024					
	2468	.023					
	2469	.030					
	2470	.037					
	2471	.010					
	2472	.006					
	2473	.016					
	2474	.021					
	2475	.036					
	2476	nil					
	2477	.002					
			* Checked by AA				

Handwritten notes:
 Hole 87-510
 #3 Pit (L-24S Area)
 #4 Pit (L-24S Area)
 Pit # 1 Area (L-24S)

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LINE 24 SOUTH(PITS 1 & 2)

CERTIFICATE OF ANALYSIS

Samples of: GRAB

Date: November 2, 1987

No.: A-295-87

Samples from: 9178

Received: October 29, 1987

Lab number	Shipper number	opt * Au FA						
<i>Pit # 2 (L245 Area)</i>	L 2244	RA	<i>re Assayed</i>					
	L 2245	.178						
	L 2246	.024						
	L 2247	.021						
	<i>Pit # 1 (L245 Area)</i>	L 2248	RA					
		L 2249	nil					
		L 2250	.007					
		L 2251	nil					

* Checked by AA

Per: Lena Martho

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- -28B-

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LINE 24 SOUTH (PITS 1 & 2)

CERTIFICATE OF ANALYSIS

Samples of: GRAB REASSAYS

Date: November 3, 1987

No.: A-295-87

Samples from: 9178

Received: October 29, 1987

Lab number	Shipper number	opt Au					
<i>L245</i> <i>Area</i>	<i>Pits 2</i> L 2244 <i>Pit 1</i> L 2248	nil nil					

Timmins Analytical Services

Per: *[Signature]*

PROSPECTING PROGRAM-1987

DESCRIPTION OF PROJECT

During the period May 1 to May 30, 1987, a program of prospecting and sampling was completed over the Delbridge claims in Turnbull Twp. This involved the prospecting of areas on the property where previous reports had indicated mineralization, and also in other areas of interest discovered during the program. The program was carried out by Fieldman, Mr. Mike McIssac, assisted by Edward Corey. A total of 81 samples were selected for assay, and the assay sheets are contained in the attached Appendix C.

The locations of all samples are not known to the writer, however those samples which could be verified are tabulated in the SAMPLE LOCATION section, below. A description of the samples, is presented in the attached APPENDIX C, along with the assay certificates. The location of some 54 samples (not tabulated below) are not known at present. These relate to assay sheet certificate numbers L2026 to L2079.

SAMPLE LOCATIONS

Sample No.	Location	Sample No.	Location
1	L 16S @ 4.4W	29	11S @ 5.0W
2	L 20S @ ?	37	101.6N @ 36.8W
3	L 20S @ 3.0W(50'S)	40	100.1N @ 4.9E
4	L 20S @ 3.0W(20'S)	41	100.5 @ 3.9E
5	L 20S @ 2.5W	1A	L28S @ 2W(2N)
6	L 24S @ 7.0W	2A	L32S @ 3W(2N)
7	24.4S @ 6W	4A	L20S @ 10W(1S)
8	L 24S @ 8W(130'N)	A3	L48N @ 59W
9	22.9S @ 7.5W		
10	L 24S @ 9.2W		
11	L 20S @11.0W(150'S)		
12	L 28S @ 2W(150'N)		
13	L 28S @ 2W(75'N)		
14	43S @ 20.5E (Twp Line)		
15	L8N @ 19E(150'N) (edge of road)		
16	43S @ 20.5E(600'N)		
19	1.5N @ 56W		
20	3.5N @ 56W		
21	4.0N @ 59W		

DETAIL ON 1987 COSTS

A tabulation of the costs under this prospecting program has been prepared under a separate document, and will be submitted for assesement and other purposes.



ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

*DEB Riccige
- Trencher bell Twp
Ass's Assoc
Sampler*

Certificate of Analysis

Certificate No. GA-48/6319 Date: June 2, 1987
 Received May 28/87 40 Samples of Drill Core
 Submitted by Gallo Exploration Services Inc. Att'n: Mr. E. A. Gallo

Sample No.	Au ppb	Sample No.	Au ppb
1	12	21	59
2	15	22	62
3	727	23	71
4	395	24	270
5	25	25	124
6	12	26	351
7	616	27	199
8	539	28	255
9	386	29	65
10	544	30	164
11	68	31	87
12	90	32	21
13	242	1A	152
14	49	2A	34
15	52	3A	15
16	59	4A	199
17	308	5A	<5
18	500	6A	210
19	77	7A	31
20	183	8A	46

ASSAYERS (ONTARIO) LIMITED

Per 

J. van Engelen Mgr.



ASSAYERS (ONTARIO) LIMITED

33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

Certificate of Analysis

Certificate No. GA-53/6383

Date: June 17, 1987

Received June 15/87 7

Samples of Rock

Submitted by Gallo Exploration Inc.

Att'n: Mr. E. A. Gallo

Project: DELBRIDGE

*Mike McIsaac's
Samples*

*Shast
#1 Area?*

Sample No.	Au ppb	oz/ton
A26	1051	.031
A27	<5	
A28	11	
A29	2206	.067
48	105	
A4204	<5	
A4208	<5	

ASSAYERS (ONTARIO) LIMITED

Per 

J. van Engelen Mgr.



SWASTIKA LABORATORIES LIMITED

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TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 66754

Date: June 8, 1987

Received June 3, 1987 77 Samples of Ore, Split Core, Whole Core, & Sawm Core

Submitted by Skytron Exploration & Development Ltd., Timmins, Ontario.

Page 1 of 2.

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
2041 (#33)	Nil	2061 (#43)	10	4507	Nil
2042 (#34)	Nil	2062 (A19)	1580/1370	4508	Nil
2043 (A9)	Nil	2063 (A20)	Nil	4509	10
2044 (A10)	30/30	2064 (A21)	Nil	4510	Nil
2045 (A11)	Nil	2065 (A22)	Nil	4511	10
2046 (A12)	Nil	2066 ?	Nil	4512	Nil
2047 (#35)	Nil	2067 (A24)	Nil	4513	40/50
2048 (#36)	Nil	2068 (#44)	Nil	4514	Nil
2049 (A-13)	30	2069 (#45)	Nil	4515	Nil
2050 (A-14)	20	2070 [redacted]	Nil	4516	Nil
2051 (A-15)	Nil	2071 (A-25)	Nil	4517	10
2052 (#37)	10	2072 [redacted]	Nil	4518	Nil
2053 (#38)	Nil	2073 (#46)	30	4519	140
2054 (#39)	140	2074 (#47)	Nil	4520	510/510
2055 (#40)	Nil	4501	Nil	4521	30
2056 (A16)	Nil	4502	Nil	4522	Nil
2057 (A17)	Nil	4503	30/20	4523	100
2058 (A18)	Nil	4504	Nil	4524	Nil
2059 (#41)	90	4505	Nil	4525	Nil
2060 (#42)	1270	4506	Nil	4526	Nil

Mike McLaughlin Sampling

Mike McLaughlin Sampling

Hole 87-55

Hole 87-54

Hole 87-55

Mike McLaughlin Sampling

Samples for

L 2075 (#48)

L 2076 [redacted]

L 2077 [redacted]

L 2078 [redacted]

L 2079 [redacted]

See attached Assays (Ore) Gtd sheet dated June 17/87

Con't....

Per G. Lebel

G. Lebel - Manager



DELBRIDGE MINES LIMITED

DE SANTIS PROJECT, TURNBULL TWP., ONT.

Surface Samples collected by Mike McIsaac

Sample #		Description	Au ppb	oz/ton
L 2001	1	Andesite or fg gabbro. Rusty. 1-2% diss. py.	12	
L 2014	1A	Felsite. Silicified. 5% py-diss & iron stns. 1" wh q str.	152	0.004
L 2002	2	vfg. mafic dyke. Chilled margin? Minor diss py.	15	
L 2015	2A	Sheared, silicified, sericitized rock. 3-5% diss py.	34	
L 2003	3	1" Wh q. str cutting fg mafic rock 5-7% diss py.	727	0.02
L 2020	3A	Silicified dacite with 1" wh q. str. 1% py diss, minor cp.	15	
L 2004	4	Rusty wh q v. + 4" minor diss py.	395	0.01
L 2016	4A	Felsite + wh qtz. 2-3% diss py. Tr cp	199	0.01
L 2005	5	Andesite. frac'd, sil'd. 5-7% py in large x'ls to 1/8".	25	
L 2033	5A	Qtz. vein. Rusty. 1 fresh piece	5	
L 2006	6	vfg felsite dyke. 3-5% diss py, tr cp	12	
L 2034	6A	Felsite. 1-2% diss py	210	0.01
L 2007	7	+ 4" Wh qtz vein + felsite. 2-3% fine py in str	616	0.02
L 2035	7A	fg andesite with qtz + felsite str. 1% diss py.	31	
L 2008	8	+ 4" Wh qtz vein with 7-10% diss py in large cubes to 3/8"	539	0.02

Sample #		Description	Au ppb	oz/ton
L 203	8A	Wh qtz vein + 2" with 1-2% diss py.	46	
L 2009	9	Q-Ser-felsite shear zone. Rusty	386	0.01
L 2010	10	Wh q v & felsite with 3-5% py in cubes to 1/8"	544	0.02
L 2011	11	Silicified gabbro. 7-10% diss cp	68	
L 2012	12	fg andesite, with wh q. str & felsite. 2% fine diss py.	90	
L 2013	13	Silicified zone in fg andesite. Some felsite 20% py in coarse crystalline str	242	0.01
L 2017	14	Wh qtz vein + 2". 1% diss cp	49	
L 2018	15	vfg mafic rock. Silicified 2-3% fine diss py	52	
L 2019	16	Silicified felsite zone in fg andesite (?) 1-2% fine diss py	59	
L 2021	17	Felsite. Minor fg diss py	308	0.01
L 2022	18	Wh qtz str cutting fg and (?) with fuschite, 1-2% fine diss py + 1% diss cp	500	0.01
L 2023	19	Wh qtz str. -1" with some chlorite	77	
L 2024	20	Shear zone in andesite. Silicified. Tr py	183	0.01
L 2025	21	Vfg mafic dyke. Chilled margin? 1-2% fine diss py. Similar to Sample L 2002	59	
L 2026	22	fg and & alt'd diab. 2-3% fine diss py	62	
L 2027	23	Wh qtz str. + 2" with 2% coarse diss py + carb.	71	
L 2028	24	Wh qtz str & felsite with carb + 2% diss py	270	0.01
L 2029	25	Wh qtz str with chlor + 1-2% cp in small patch	124	0.004
L 2030	26	Wh qtz str in sheared and with 1-2% diss py	351	0.01
L 2031	27	Silicified zone with qtz str + 3-5% fine diss py	199	0.01

Sample #		Description	Au ppb	oz/ton
L 2032	28	Wh qtz str with carb, ser, chlor (hornblende?) 1% diss py.	255	0.01
L 2037	29	Silicified felsite zone. Minor diss py	65	
L 2038	30	Smokey glassy qtz str with minor diss py	164	0.005
L 2039	31	fg andesite with py patches to ½"	87	
L 2040	32	Bull wh. qtz str.	21	
L 2076	26A	Silicified shear zone. Sericitic. 5-7% Diss py.	1051	.031
L 2077	27A	Massive, marcasitic pyrite, with 30% chlorite.	5	
A 4208		Gabbro, 35% Po. (part of sample 27A)	5	
A 4204		Siliceous zone. Glassy quartz. 10-12% py in patches. (part of sample 27A)	5	
L 2078	28A	Siliceous zone. 7-10% pyrite in patches.	11	
L 2079	29A	Quartz vein, white. 10-15% pyrite in patches.	2206	.067
L 2075	48	Silicified zone in andesite. Tr. Py. Glassy quartz with hematite staining.	105	

Report On
1987 LINE CUTTING AND GEOPHYSICAL SURVEYS

Turnbull Twp. Ont.

For

DELBRIDGE MINES LTD.

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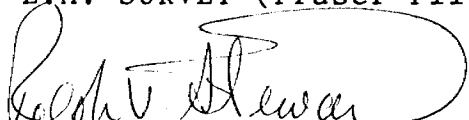
DRAWINGS (IN POCKETS)

N. E. Sheet

MAGNETOMETER SURVEY.....Dwg. S 87-16
VLF-E.M. SURVEY (Profiles).....Dwg. S 87-15
VLF-E.M. SURVEY (Fraser Filter)....Dwg. S 87-17

N. W. Sheet

MAGNETOMETER SURVEY.....Dwg. S 88-1
VLF-E.M. SURVEY (Profiles).....Dwg. S 88-3
VLF-E.M. SURVEY (Fraser Filter)....Dwg. S 88-2



Ralph V. Stewart, B.Sc., P.Geol., F.G.A.C.
March 25, 1988

SUMMARY

The line cutting and geophysical surveys for 1987 were completed by Mike McIssac, with the plotting and interpretation of results completed by the writer. The following tabulation summarizes the periods of work:

Area	Project	Approximate Dates
N. E. Sheet	Line Cutting (13.5 Miles); Magnetometer & VLF-EM Surveys.	Jan. 15-Feb. 15/87; & May 15 -Aug. 15/87.
N. W. Sheet	Line Cutting (12.5 Miles); Magnetometer & VLF-EM Surveys.	Aug. 15-Oct.1, 1987.
N. E. Sheet Data	Plotting And Interpretation Of Field Results(R. Stewart)	Sept. 15 -30, 1987.
N. W. Sheet Data	Plotting And Interpretation Of Field Results(R. Stewart)	Feb. 1-March 1 1988.

In summary, the following two VLF anomalies may represent 'structural breaks', close to and possibly associated with auriferous quartz veins. These two conductors are designated as Anomaly C (N. E. Sheet), and Anomaly H (N. W. Sheet). They are described in somewhat more detail in the 'Analysis And Interpretation Section' below.

DESCRIPTION OF 1987 SURVEYS

The control baseline used for these surveys was an extension of the one used for the 'South Sheet', extended to L 104 North. Lines were cut every four hundred feet, both east and west to cover the N.E. and N.W. Blocks. Pickets were placed along the lines at 100' intervals, and 'tie lines' were also used as control.

The magnetic survey was completed using a Proton Precession Instrument, and distances between readings were generally 100', except in areas of higher gamma intensity where the readings

were anomalous, and then the 'spacing' was reduced to 50'. A base station for survey control was established at base line picket 36+00 North. The VLF survey was completed using a Geonics E M 16 Instrument, and readings were taken at 100' spacings along each line. Plans showing the Profiles and Fraser Filter data are contained at the back of this report.

ANALYSIS AND INTERPRETATION OF DATA

The following comments relate to the anomalies shown on the accompanying geophysical plans:

N. E. Sheet

Anomaly	Comments
A	This anomaly has a moderate response, and is located topographically along a north-south trending creek, with associated 'swampy' ground. There is no associated magnetic response and it does not appear to reflect geological contacts or structures. The anomaly is probably caused by 'swampy' conductive overburden conditions, below and in the immediate vicinity of the creek.
B	This anomaly has a weak response, and may reflect the geological contact between intrusive (granodiorite), and gabbroic rocks. A north-south trending dyke, (interpreted from previous government surveys) may also contribute to the anomaly. Pending detailed mapping, the area adjacent this anomaly appears to be a favorable for additional prospecting.
C	This may represent a faulted extension of anomaly B, and appears to reflect the geological contact between felsic intrusives north of line 80N, and an interpreted diabase dyke south of this line.

N. E. Sheet

Anomaly

Comments

C

Geological mapping between Line 76N and 78N, has defined a system of mineralized quartz veins, probably related to this structural break. Additional prospecting and exploration should be completed north of Line 76N, immediately west of the anomaly.

D

This is a moderate to weak anomaly, which follows a discreet 'magnetic low'. There are no rock exposures and it appears to be caused by 'deeper' conductive overburden.

E,F,G

These three anomalies appear to be associated with topographic features (swampy ground) and do not have any economic significance.

N. W. Sheet

Anomaly

Comments

H

This appears to be the most significant anomaly on this sheet. It is interpreted to be a structural 'fault zone' in bedrock. It is interesting to note that the prominent quartz vein system on Line 96N, strikes to the southeast toward a mineralized vein on Line 88N-20W. The area between these two veins is 'overburden covered', but it is possible that a line joining these two veins may represent a 'tangential off-shoot' from VLF anomaly H-H1, and therefore have economic implications.

I

This one appears to correspond to an area of slightly elevated magnetic readings, and may represent a contact fault. The area has not been geologically mapped to date.

J

This anomaly has a moderate response and in general occupies an area of low magnetic readings, indicating possible conductive overburden.

Anomaly	Comments
K	This one has weak response and does not appear to have any economic significance.
L	This occurs in an area of low magnetic readings, and over low 'swampy' ground. It is probably caused by conductive overburden.
M	Topographically, this anomaly lies within, and parallel to a low swampy area, and close to slightly 'higher ground' with outcrop exposures. It is attributed to conductive overburden.
N	Similiar to comments for Anomaly M.
O	Weak response and does not appear to have any economic significance.

RECOMMENDATIONS

Note on the sketch of the Turnbull Twp. property (next page), those areas covered to date by geophysical surveys. It should be pointed out that lines 32N to 60N on the N. W. Sheet were cut, but were not run geophysically. In addition to this area, the so called 'northern tip' (6 claims), and 'southern tip' (Carscallen Twp.) have not been covered to date. The South Sheet, run geophysically in 1985, did not cover the area completely to Massey Township.

Prospecting, trenching and diamond drilling in 1987, turned up an interesting gold prospect in the Line 24 South Area. The gold here may be associated with a coarse grained, disseminated pyrite, within a north-south trending zone of quartz veining. It is recommended that this area be covered by an IP Survey, in an attempt to define concentrations of sulphides.

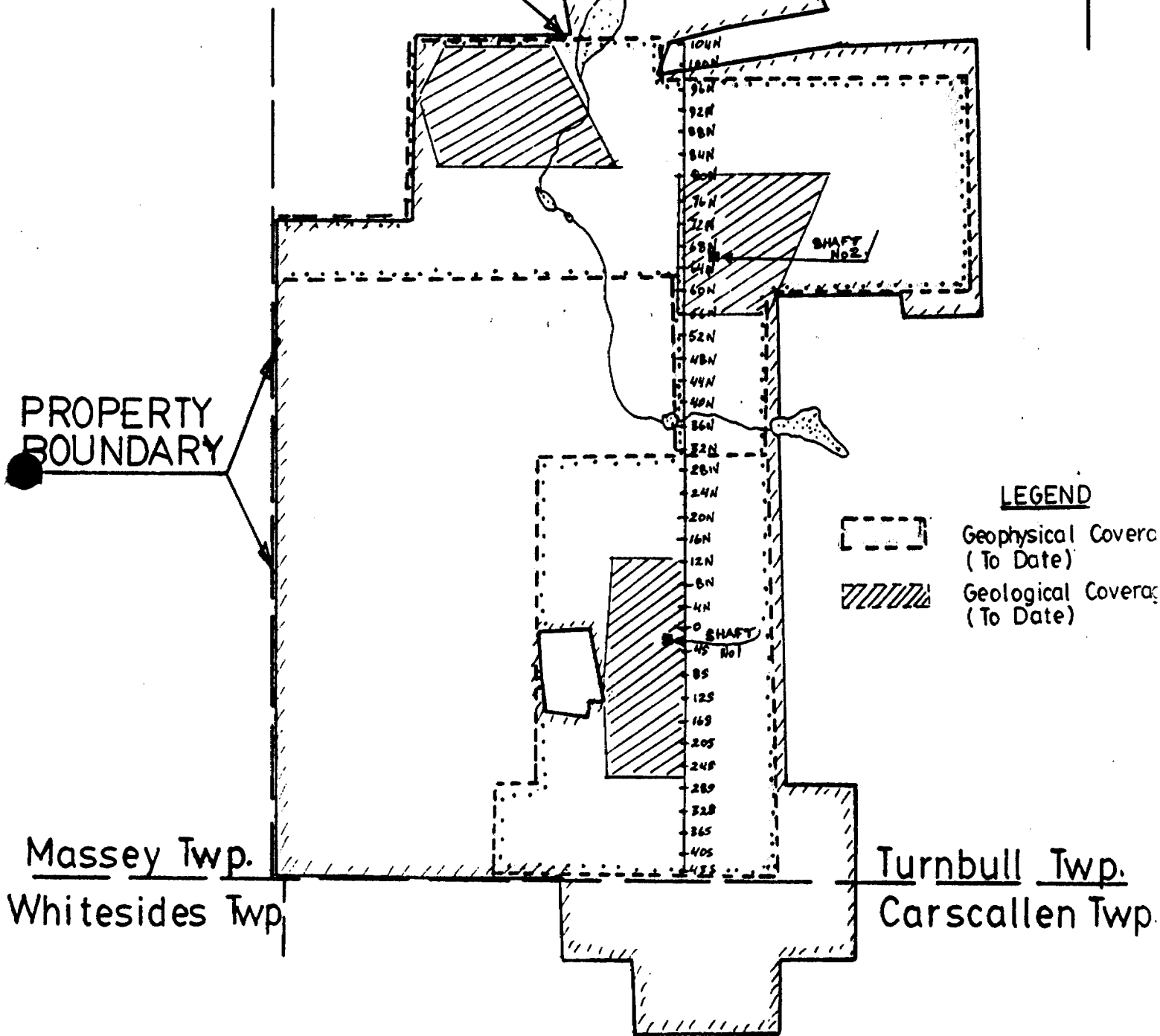
The following line cutting and 'geophysical expenditures' are proposed:

V.L.F. And Magnetometer Surveys-----	\$ 11,280
I.P. Survey-Line 24 S. Area-----	<u>\$ 2,000</u>
Total	<u>\$ 13,280</u>



COMMENTS ON 1987 COSTS

A more complete listing and detailing of the costs of these surveys has been prepared under a separate document, and will be submitted for assesement and other purposes.

PROPERTY PLAN
Delbridge Mines Ltd
Scale 1" = 1/2 Mile



LEGEND

-  Geophysical Cover (To Date)
-  Geological Cover (To Date)

SKETCH SHOWING—
DELBRIDGE MINES LTD.
PROPERTY—Turnbull Twp.

(SCALE 1" = 1/2 Mile)
DRAWN: R.V.S./MARCH, 1988.

Report On

1987 DIAMOND DRILLING PROGRAMS

Turnbull Twp. Ont.

For

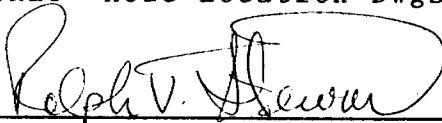
DELBRIDGE MINES LTD.

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Ralph V. Stewart, B.Sc., P.Geol., F.G.A.C.
March 23, 1988.

SUMMARY

During 1987, a total of 3,707 feet of core drilling was completed on the Turnbull Twp. property of Delbridge Mines Ltd. Summary data with respect to these drilling programs is as follows:

<u>Contractor</u>	<u>Work Period</u>	<u>Total Drilling</u>		<u>Hole Numbers</u>
		Metres	Feet	
Bradley Bros. Ltd.	May 19-31 1987	380.3	1,248.4	87-S1 to 87-S7 Incl.
Hiebert Drilling	August 1 to Oct. 12, 1987	145.4	477.0	87-S8 to 87-S12. Incl.
Bradley Bros. Ltd.	September 16 to Oct. 2/87	604.0	1,981.1	B2-S1 to B2-S10 Incl.
Total		<u>1,129.7</u>	<u>3,706.5</u>	

A more detailed breakdown by hole for the above listing is contained in the attached Appendix D-1. The diamond drilling information for the programs is plotted on a series of twelve sections, included under Appendix D-2. The diamond drill core logs are all attached under Appendix D-3. The Assay Certificate Sheets for all the 1987 drilling are included under Appendix D-4. The location of the holes are shown on the Drawings S 87-11(Shaft # 1 Area), and S 88-4(Line 24 South Area). Both plans are contained in the 'Pocket', at the end of this report.

DESCRIPTION OF PROGRAM

LOCATION

Most of the 1987 diamond drilling was completed in the vicinity of Shaft No. 1 Area. Of the total 22 holes drilled, 20 were completed along a 450 foot strike length of qtz. veining where stripping, blasting and geological mapping was also completed during the year. The 20 holes were designed to test the main quartz vein which was exposed by recent stripping and blasting. Sections within the quartz vein (north and south of the shaft), contain 'pockets' of pyrite and chalcopyrite mineralization which carry gold. As indicated on the accompanying Drawing S 87-11, selected samples of sulphide mineralization in quartz, yielded gold assays in excess of 2.0 ozs./ton.

In addition to this drilling near shaft No. 1, two additional holes were completed in the area of Line 24 South. This drilling was completed to explore a gold bearing quartz vein on surface which yielded 0.121 ozs. Au across a 3 foot wide chip sample (Dwg. S 88-4). These two holes are shown on Section L-L1.

COMMENTS ON DRILLING RESULTS

In general, diamond drilling north of the shaft (Sections H, I, J, K) failed to intersect any significant gold values. It is possible that some major core loss in holes 87-S9 & -11 may have also resulted in the loss of some gold values. The gold bearing chalcopryite and pyrite mineralization located on surface north of the shaft, does not appear to have been intersected by the drilling. It must be kept in mind that this gold bearing sulphide mineralization exposed on surface is not massive, but occurs in pockets and pods in the quartz. For this reason, evaluation by diamond drilling becomes difficult.

The most significant gold values intersected close to the shaft were within holes drilled on sections E and F. On section E, hole B2-S3 intersected two anomalous sections as follows: .013 ozs./2.2', and (immediately below), .017 ozs. /3.2'. On section F, located 50 feet north of section E, and immediately south of the shaft, the following gold values were intersected in hole 87-S3: .02 ozs./4.8', and .06 ozs./4.0'.

A second area of higher anomalous gold values from diamond drilling, is on sections A and B, some 300 feet south of the shaft. At a vertical depth of 170 feet, one hole on each section appears to have intersected anomalous gold in a quartz/carbonate horizon, close to the granodiorite/gabbro contact. This zone has been interpreted by the writer as shown on both sections, and although not verified, there appears to be a fault or fold 'bending' this interpreted zone. Projection of this zone to surface indicates it may outcrop some 40 feet west of Trench C, as shown on drawing S 87-11. Additional stripping across this 'interpreted zone' on surface is recommended. One 12" section of split core (H B2-S8) gave .60 ozs.

In the area of Line 24 South (2000 feet south of shaft 1) two holes were drilled to evaluate an interesting gold occurrence defined by mapping, prospecting, and trenching, yielded interesting results. These holes, plotted on Section L, confirmed that the gold values discovered at surface, continue to depth. In hole B2-S9 a '2 foot wide' section of core yielded an assay of .145 ozs. Au/ton. Combining the two core

values on both sides of this sample, a value of .07 ozs. Au/ton over 5' is calculated. As indicated from the plot of hole B2-S10, it appears this second hole may not have reached the projection of the main gold bearing vein. It did however intersect a second auriferous zone yielding two gold values at .02 ozs./ton. The surface expression of this zone should be explored. Further drilling in this area during 1988 will be required, and recommendations are contained in the following section.

1988 PROPOSALS AND BUDGET

Based on the 1987 diamond drilling results on the Turnbull Twp. property, and also on the geological mapping in other sectors, the following diamond drilling is recommended for 1988:

Area	Depth	Estimated Cost
Shaft No.1(Dwg. S 87-10)	2800'	\$ 56,000
Line 24 South(Dwg. S 87-10)	2400'	\$ 48,000
Shaft No. 2(Dwg. S 87-13)	400'	\$ 8,000
N.W. Quartz Vein(Dwg. S 87-18)	400'	\$ 8,000
Field Administration, logging etc.		<u>\$ 20,000</u>
	Total	<u>\$140,000</u>

1987 DIAMOND DRILLING CONTRACTORS, COSTS ETC.

As indicated in the SUMMARY section of this report, the 1987 diamond drilling was complete by Bradley Bros. Ltd., and Hiebert Drilling. A detailed listing of diamond drilling and support costs for this project has been prepared in a separate document, and will be submitted for assesment and other purposes.

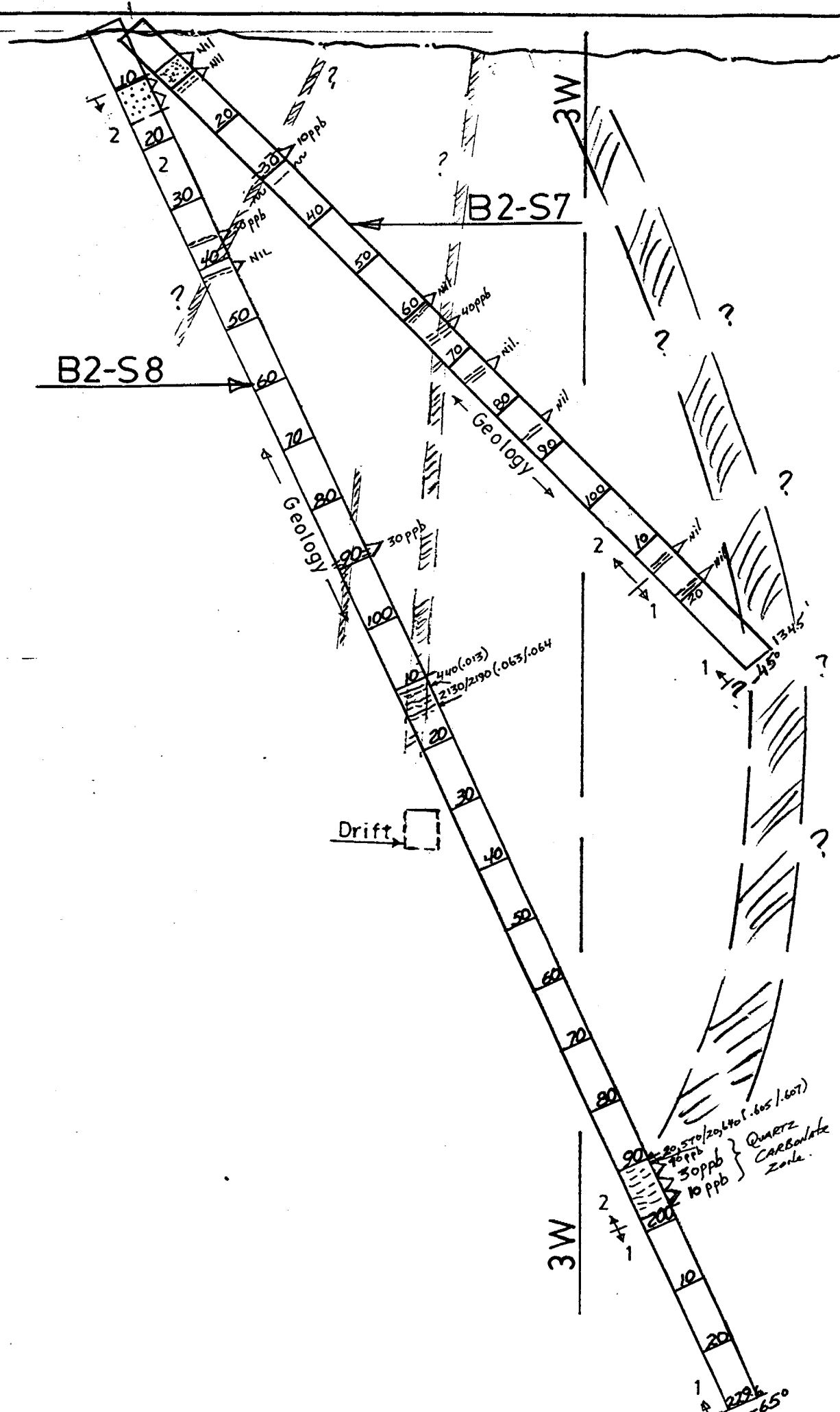
APPENDIX D-1
DIAMOND DRILLING SUMMARY (1987)

<u>HOLE NUMBER</u>	<u>LONG.</u>	<u>LAT.</u>	<u>AZIMUTH</u>	<u>DIP</u>	<u>HOLE DEPTHS</u>		<u>SECTION</u>
					<u>Metres</u>	<u>Feet</u>	
B2-S1 (1)	2+91W	1+62S	272°	-45°	30.0	98.4	F-F1
B2-S2 (1)	2+95W	1+62S	272°	-65°	65.0	213.2	F-F1
B2-S3 (1)	2+88W	2+09S	269°	-45°	30.0	98.4	E-E1
B2-S4 (1)	2+85W	2+09S	269°	-65°	62.0	203.4	E-E1
B2-S5 (1)	2+38W	4+54S	256°	-45°	52.0	170.6	B-B1
B2-S6 (1)	2+40W	4+53S	256°	-65°	85.0	278.8	B-B1
B2-S7 (1)	2+60W	4+69S	243°30'	-45°	41.0	134.5	A-A1
B2-S8 (1)	2+36W	4+67S	243°30'	-65°	70.0	229.6	A-A1
B2-S9 (1)	7+17W	22+38S	251°	-45°	128.0	419.8	L-L1
B2-S10(1)	7+13W	22+36S	251°	-57°	41.0	134.4	L-L1
87-S1 (2)	3+91W	1+57S	126°	-45°	68.0	223.3	G-G1
87-S2 (2)	3+91W	1+57S	049°	-45°	68.0	223.3	J-J1
87-S3 (2)	3+91W	1+57S	091°	-45°	67.0	220.0	F-F1
87-S4 (2)	3+59W	3+62S	109°	-45°	75.0	246.3	C-C1
87-S5 (2)	3+52W	3+62S	109°	-75°	43.3	142.0	C-C1
87-S6 (2)	3+59W	3+67S	067°	-85°	4.0	13.1	D-D1
87-S7 (2)	3+59W	3+67S	067°	-70°	55.0	180.4	D-D1
87-S8 (3)	3+72W	1+34S	082°	-45°	24.7	81.0	H-H1
87-S9 (3)	3+72W	1+34S	082°	-65°	38.4	126.0	H-H1
87-S10(3)	3+74W	1+34S	068°	-45°	29.0	95.0	I-I1
87-S11(3)	3+74W	1+34S	068°	-65°	30.8	101.0	I-I1
87-S12(3)	3+71W	0+51S	090°	-45°	22.5	74.0	K-K1
			<u>TOTAL</u>		<u>1,129.7</u>	<u>3,706.5</u>	

- (1) Bradley Bros Limited -Drilling period-September 16 to October 2, 1987.
- (2) Bradley Bros. Limited-Drilling period-May 19 to May 31, 1987.
- (3) Hiebert Driling- Drilling period August 1 to October 12, 1987.


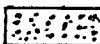
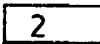
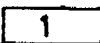
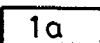
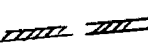
← East
(63° 30')

West → (243° 30')



NB: Holes not surveyed - Elevations approximate -

LEGEND

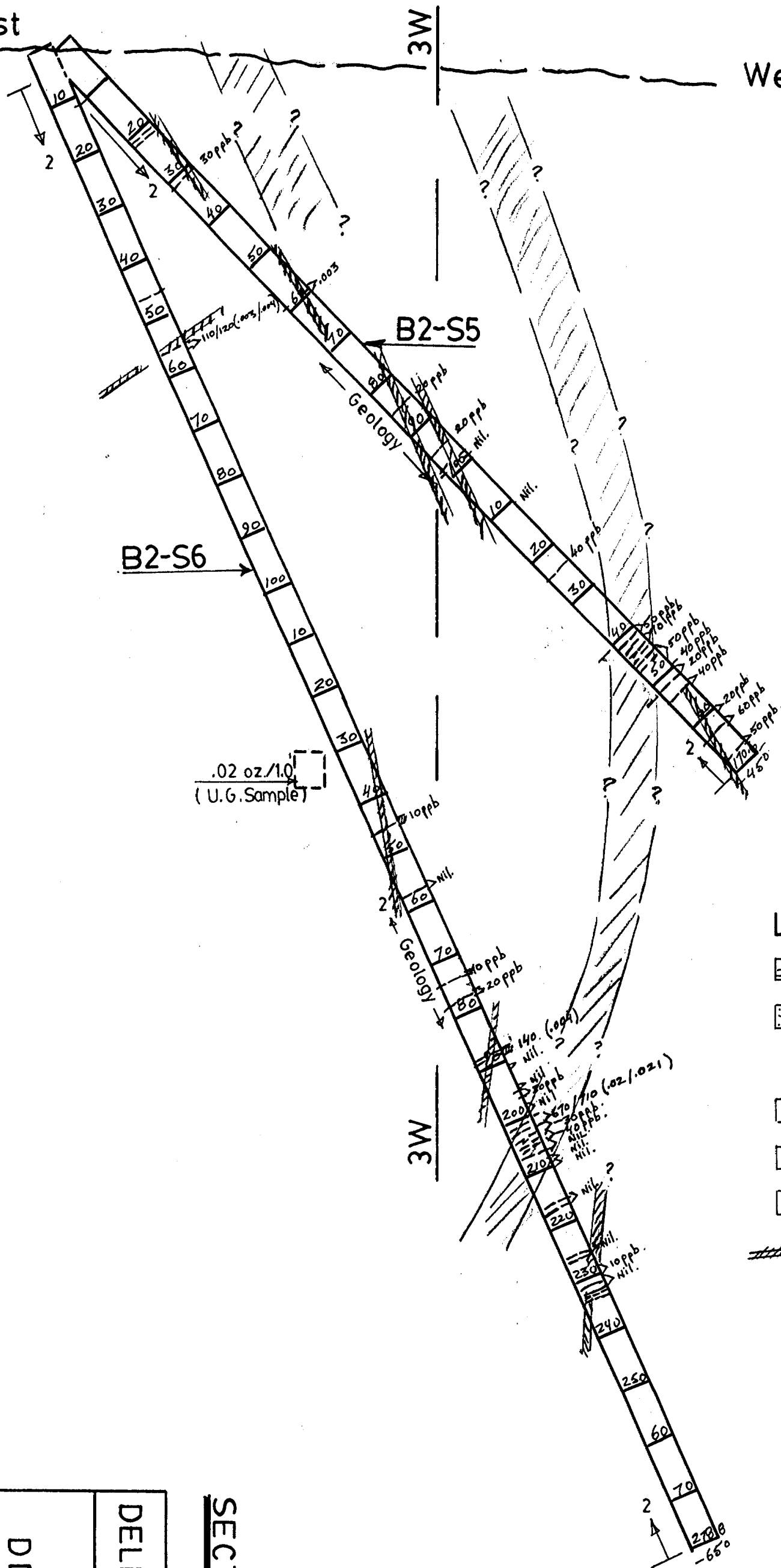
-  Quartz Vein
-  Silicification
-  Granodiorite
-  Gabbro
-  Diabase (Diabasic Gabbro)
-  Auriferous Horizon (interpreted)

SECTION A-A1

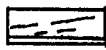
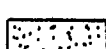
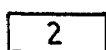
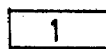
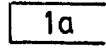
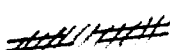
DELBRIDGE MINES LTD.	
DESANTIS PROJECT	
D.D.HOLE B2 S7	
B2 S8	
DATE: 3/11/87	SCALE: 1"=20'
DRAWN BY JAM. DWG. S 88-5A	

(076°)
← East

West → (256°)



LEGEND

-  Quartz Vein
-  Silicification
-  2 Granodiorite
-  1 Gabbro
-  1a Diabase (Diabasic Gabbro)
-  Auriferous Horizon (interpreted)

NB: Holes not surveyed -
- Elevations Approximate.

SECTION B-B1

DELBRIDGE MINES LTD

DE SANTIS PROJECT

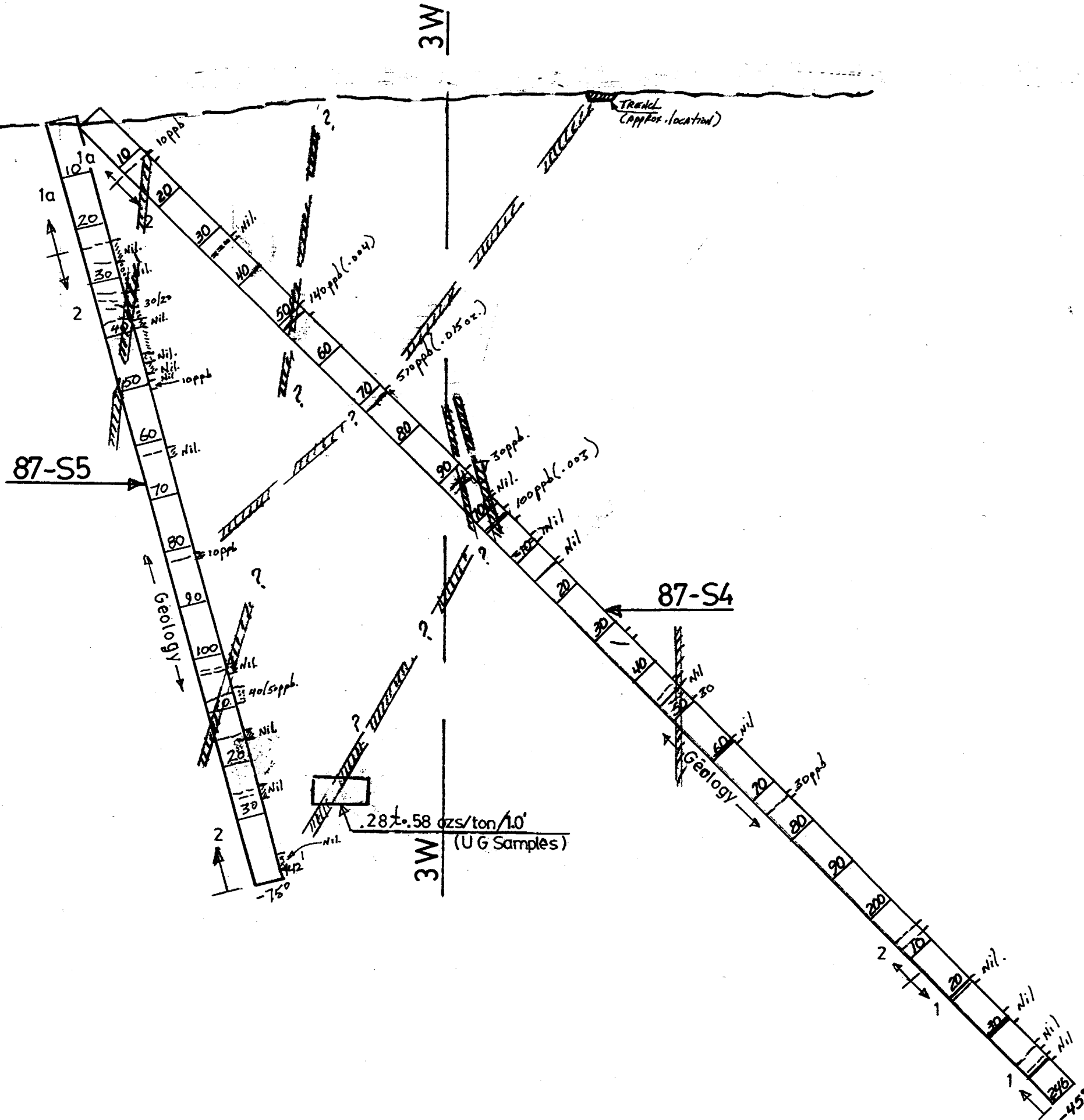
DD Holes B2 S5
B2 S6

DATE 2/11/87 SCALE 1"=20'

DRAWN BY JAM MapDwg. S 88-58

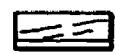

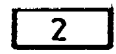
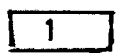
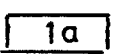
(289°)
West

East → (109°)



NB: Holes not surveyed -
- Elevations approximate

LEGEND

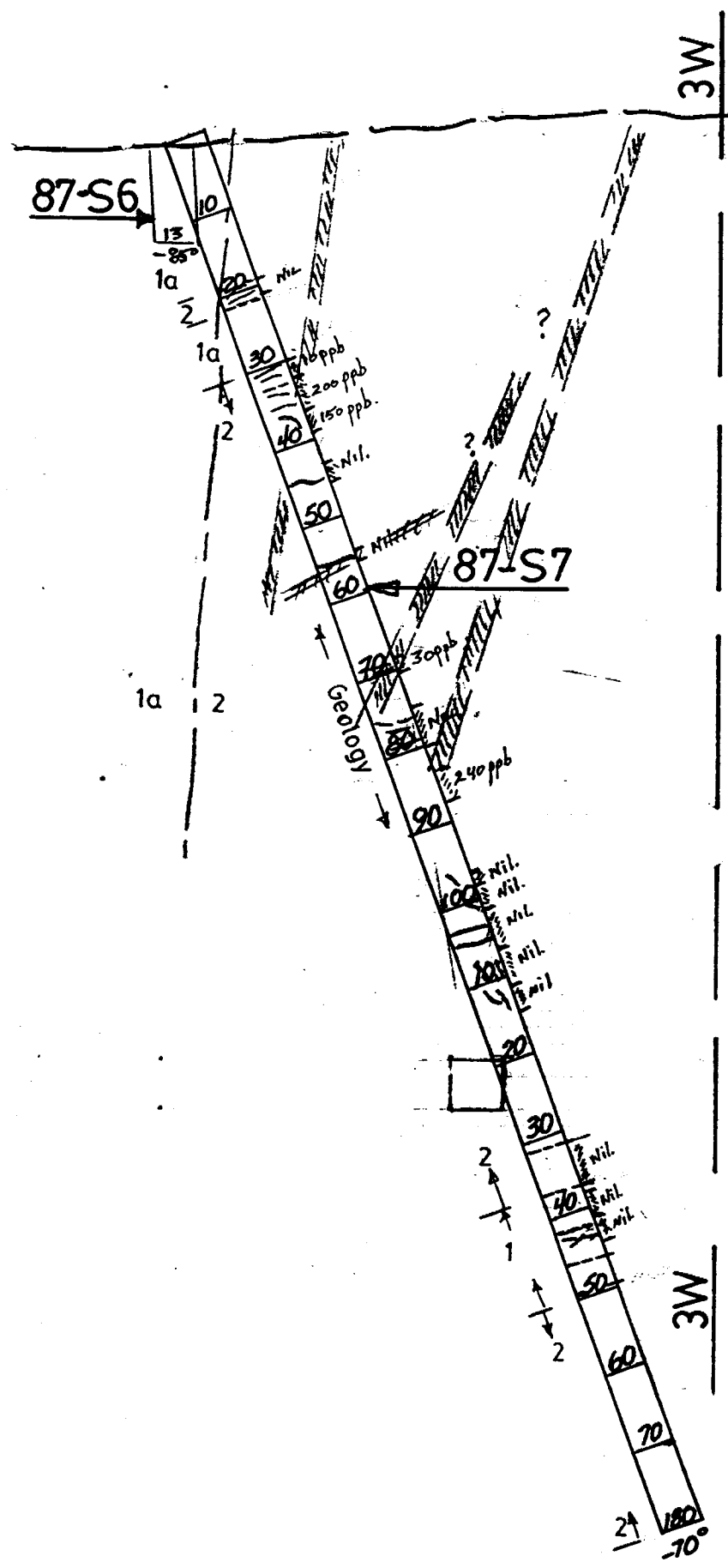
-  Quartz Vein
-  Auriferous Horizon (interpreted)
-  Granodiorite
-  Gabbro
-  Diabase (Diabasic Gabbro)

SECTION C-C-1

DELBRIDGE MINES LTD.	
DE SANTIS PROJECT	
87 S5	
D.D.HOLE 87 S4	
DATE: March/88	SCALE: 1" = 20'
DRAWN BY: JAM MAP NO. S 88-5C	
MODIFIED RVS / March/88	



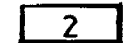
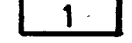
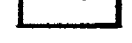
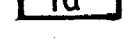

(314°) ← West

East → (067°)



NB: Holes not surveyed —
- Elevations approximate.

LEGEND

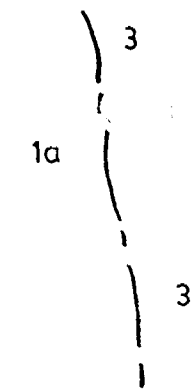
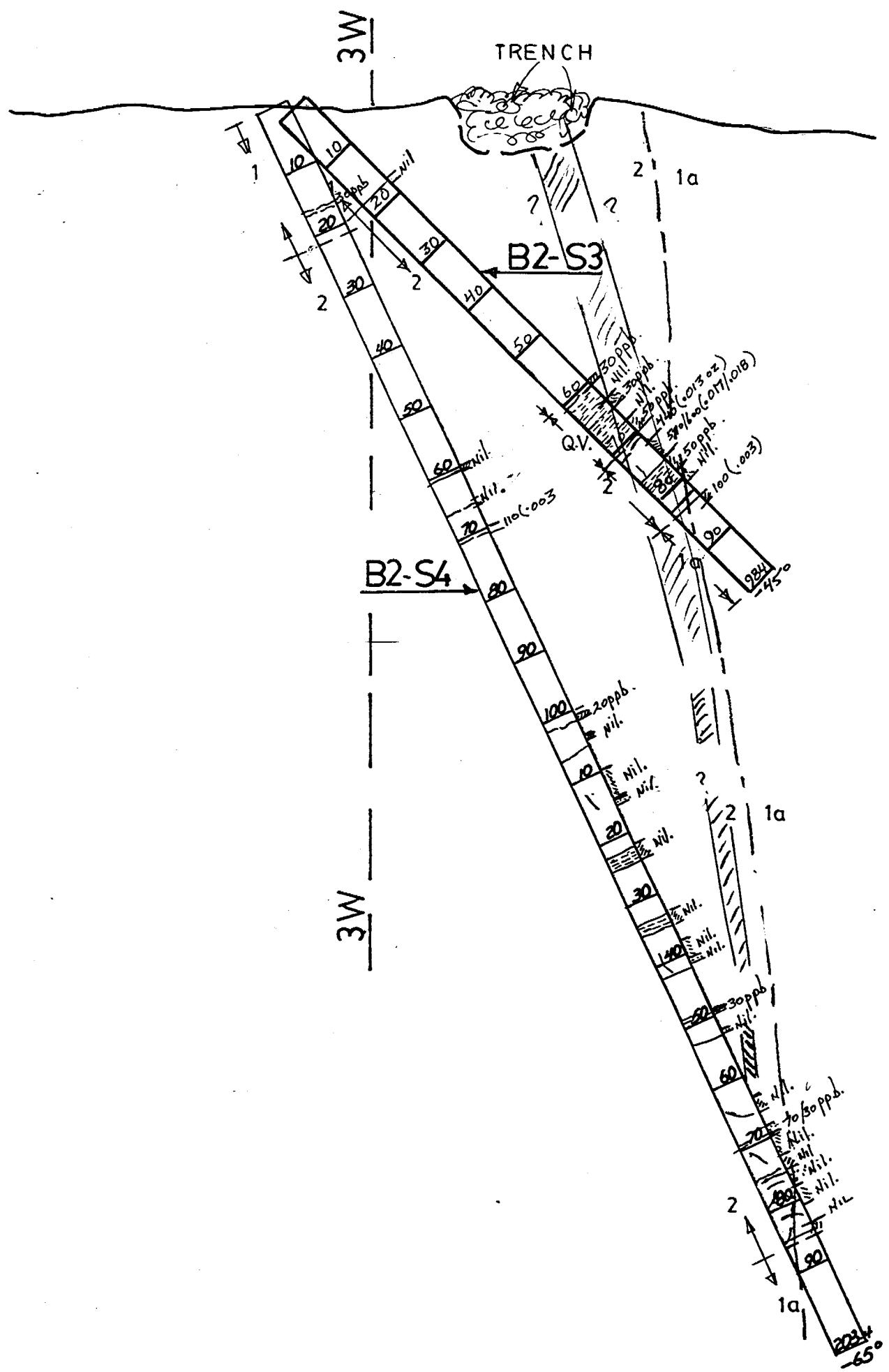
-  Quartz Vein
- 
-  Granodiorite
-  Gabbro
-  Quartz Diorite
-  Diabase (Diabasic Gabbro)
-  Auriferous Horizon (interpreted)

SECTION D-D1

DELBRIDGE MINES LTD.	
DE SANTIS PROJECT	
D.D.HOLE 87-S6 & S7	
DATE: MARCH, 1988	SCALE: 1" = 20'
DRAWN BY: JAM	MAP NO. S.88-5D
<small>MODIFIED R.A.S. / MARCH 1988</small>	






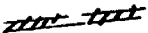

East (089°)

West (269°)



NB: Holes not surveyed - Elevations Approximate -

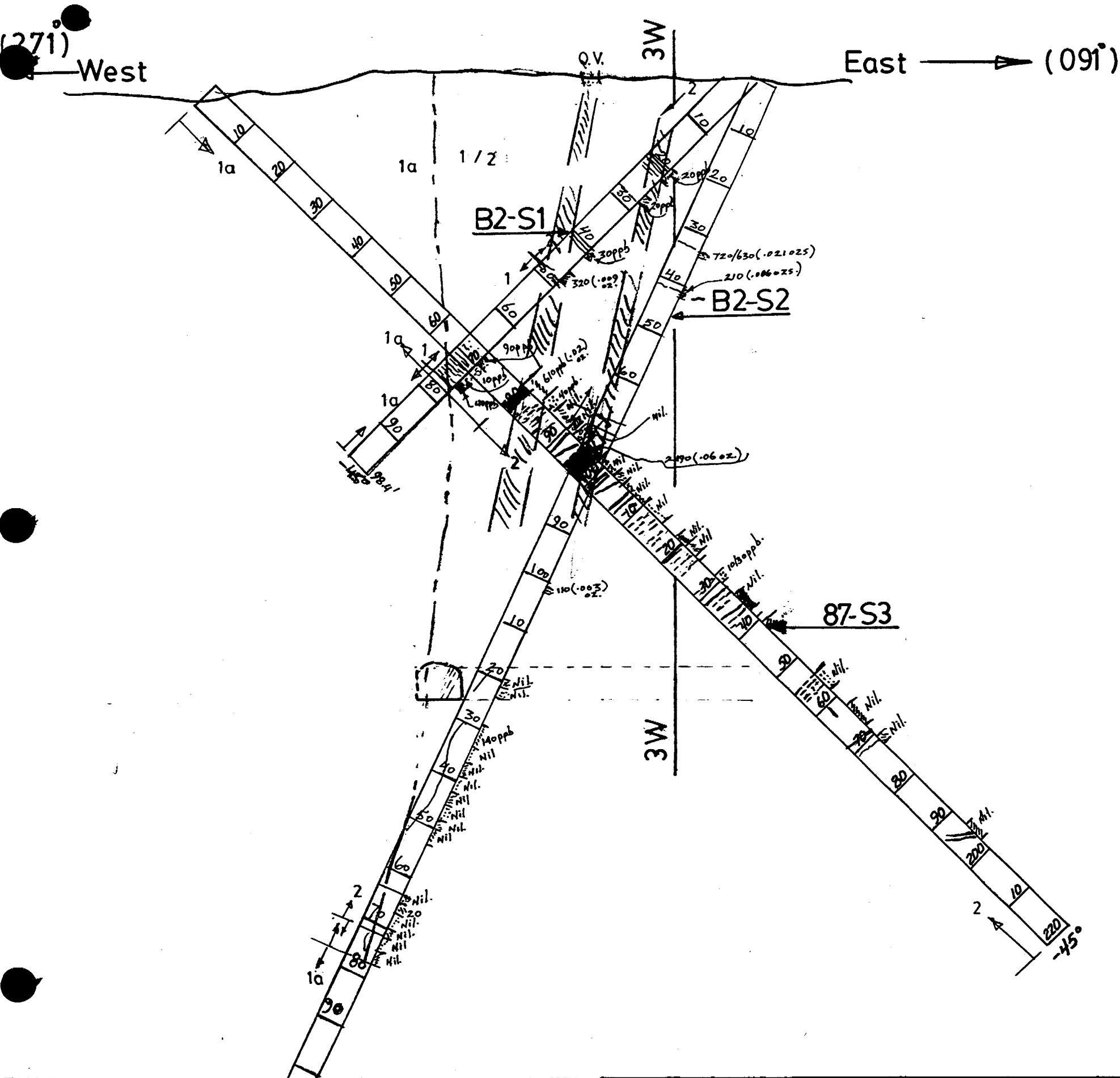
LEGEND

-  Quartz Vein
-  Diabase Dyke
-  Granodiorite
-  Gabbro
-  Diabase (Diabasic Gabbro)
-  Auriferous Horizon (interpreted)
-  Geological Contact

SECTION E-E1

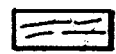
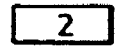
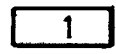
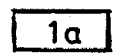
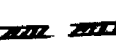

DELBRIDGE MINES LTD.	
DESANTIS PROJECT	
D.D.HOLE B2-S3	
B2-S4	
DATE: 2/11/87	SCALE: 1"=20'
DRAWN BY JAM.	Dwg. S 88-5E

Modified R.V.S. 1/11/88



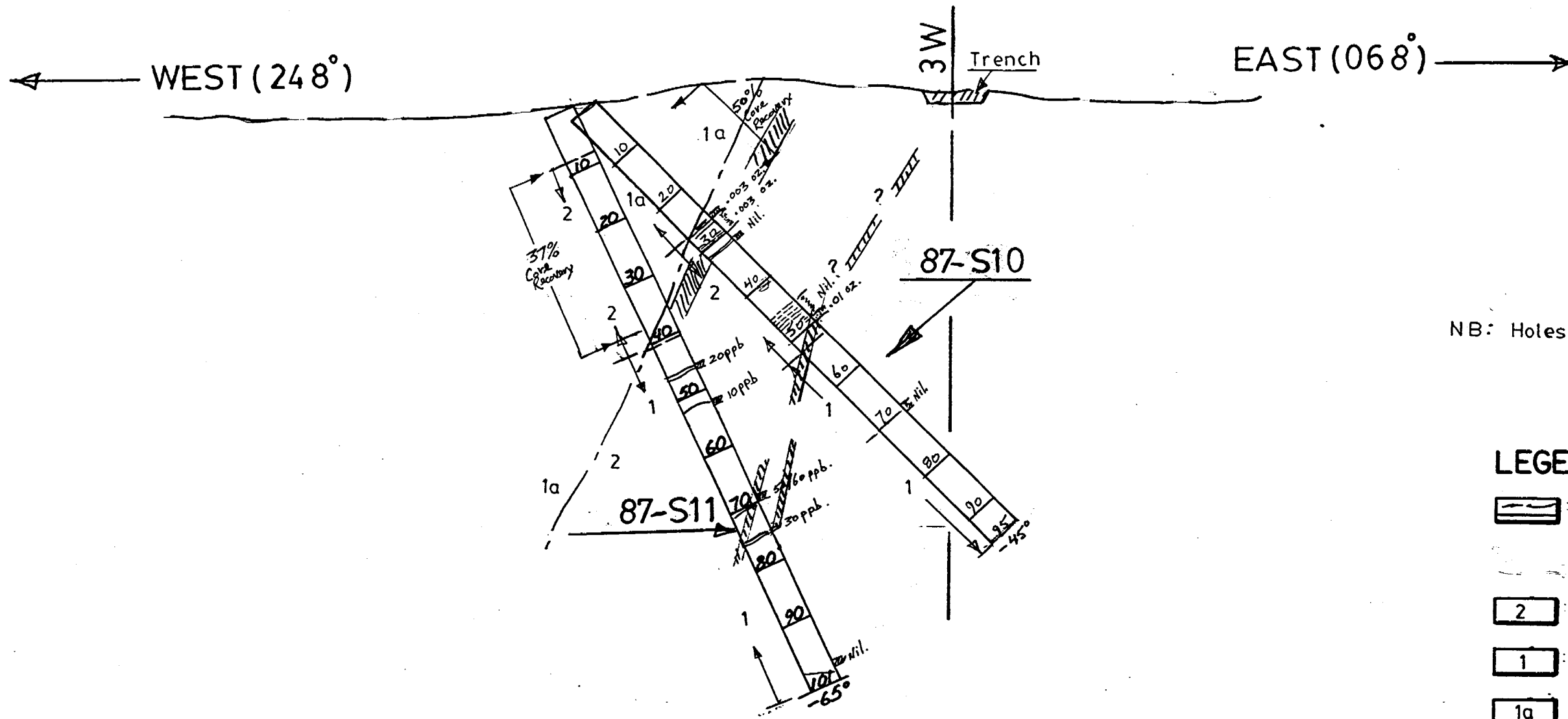
NB: Holes not surveyed -
 -Elevations approximate

LEGEND

-  Quartz Vein
-  Granodiorite
-  Gabbro
-  Diabase (Diabasic Gabbro)
-  Auriferous Horizon (interpreted)
-  Geological Contact

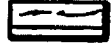


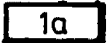
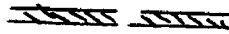
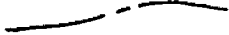
SECTION F-F.1

DELBRIDGE MINES LTD.	
DE SANTIS PROJECT	
D.D.HOLES B2-S1 B2-S2 87-S3	
DATE	SCALE: 1" = 20'
DRAWN BY: JAM DWG. S 88-5F	
Modified RVS/MARCH/88	



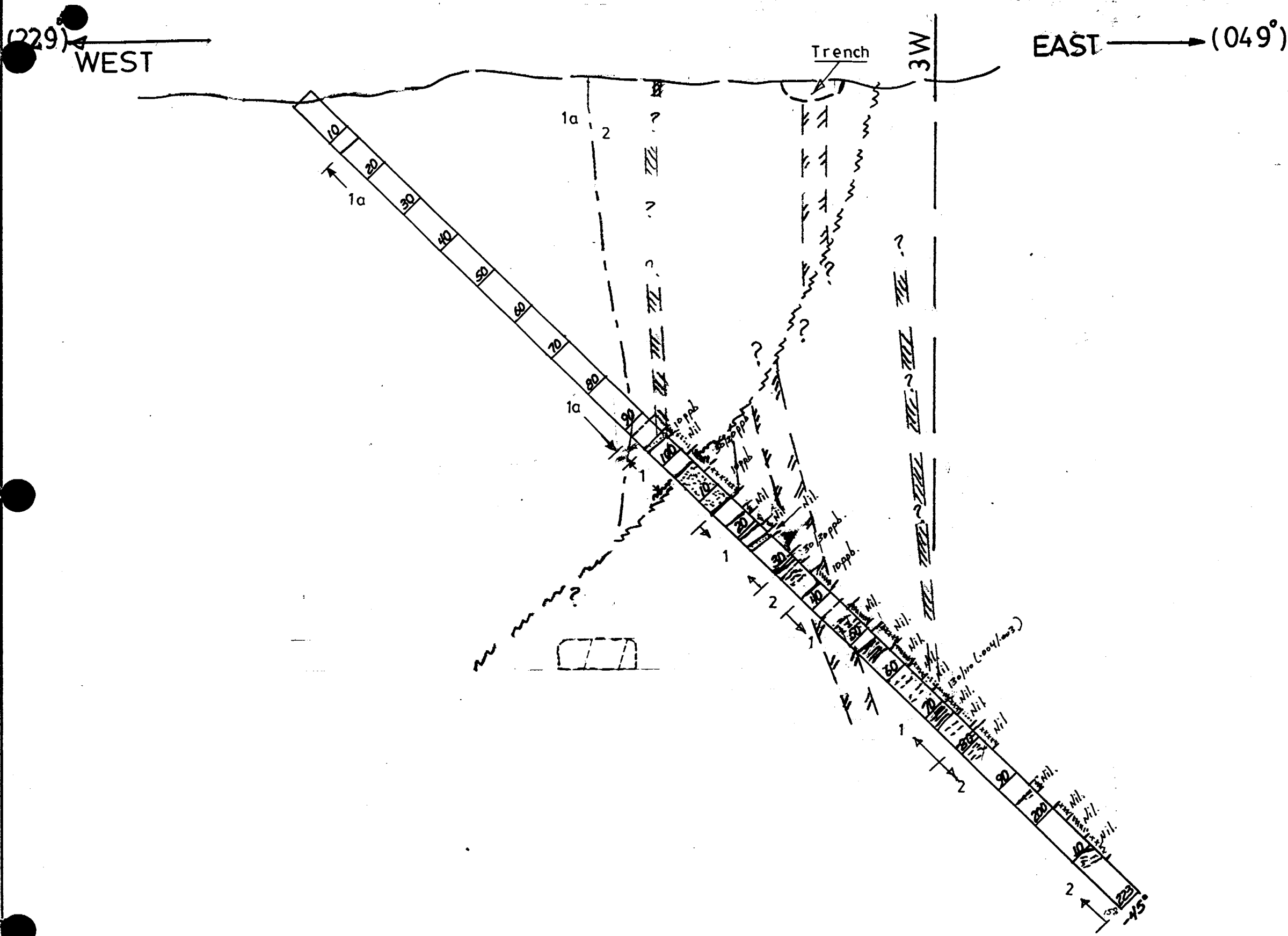
NB: Holes not surveyed -
 - Elevations approximate

LEGEND

-  Quartz Vein
-  Granodiorite
-  Gabbro
-  DIABASE (Diabasic Gabbro)
-  Auriferous Horizon (Interpreted)
-  Geological Contact


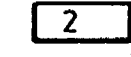

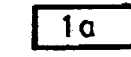
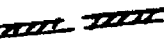

SECTION I - I1

DELBRIDGE MINES LTD.	
DESANTIS PROJECT	
D.D.HOLE: 87-S10	
87-S11	
DATE: 12-11-87	SCALE: 1"=20'
DRAWN BY JAM. Dwg S 88-51	



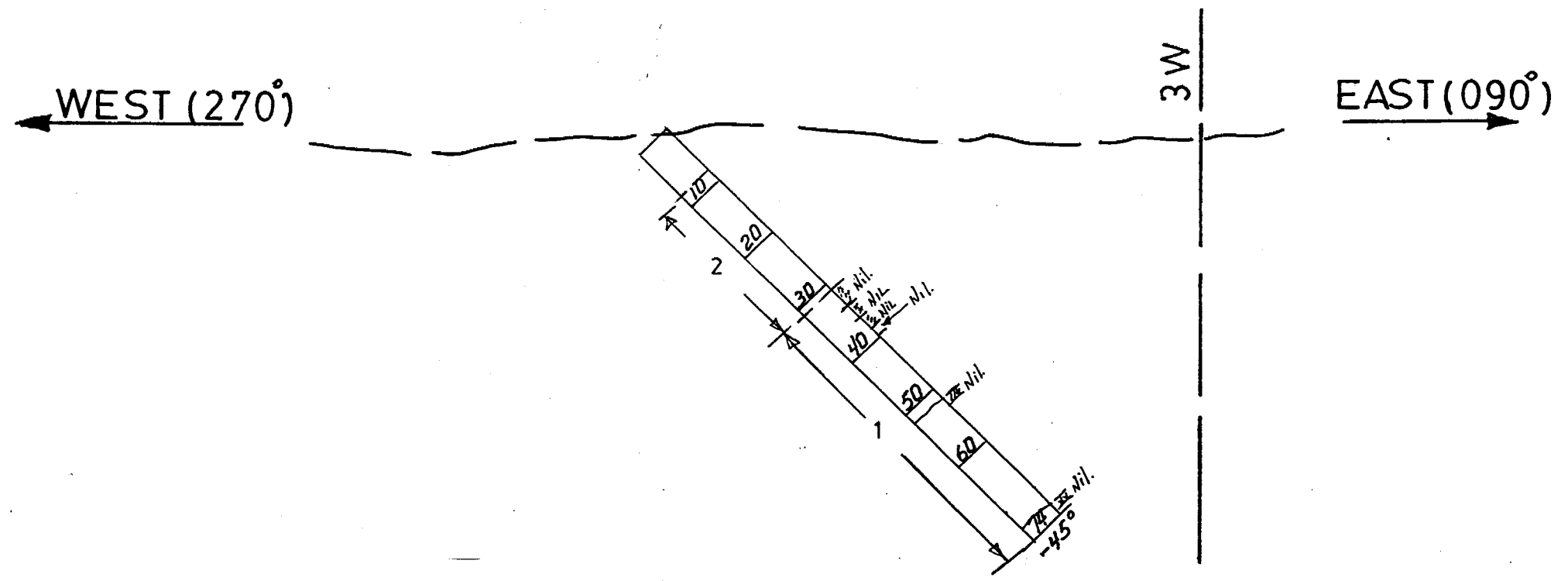
N.B: Holes not surveyed —
Elevations approximate.

LEGEND

-  Quartz Vein
-  Granodiorite/ Quartz Diorite?
-  Gabbro
-  Diabase (Diabasic Gabbro)
-  Auriferous Horizon (Interpreted)
-  Geological Contact





SECTION J-J-1

DELBRIDGE MINES LTD.	
DE SANTIS PROJECT	
D.D. HOLE 87-S2	
DATE: MARCH/88	SCALE: 1" = 20'
DRAWN BY: JAM. Dwg. S 88-5J	
MODIFIED: R. STEWART / MARCH/88	



N.B.: Holes not surveyed -
 -Elevations approximate

LEGEND

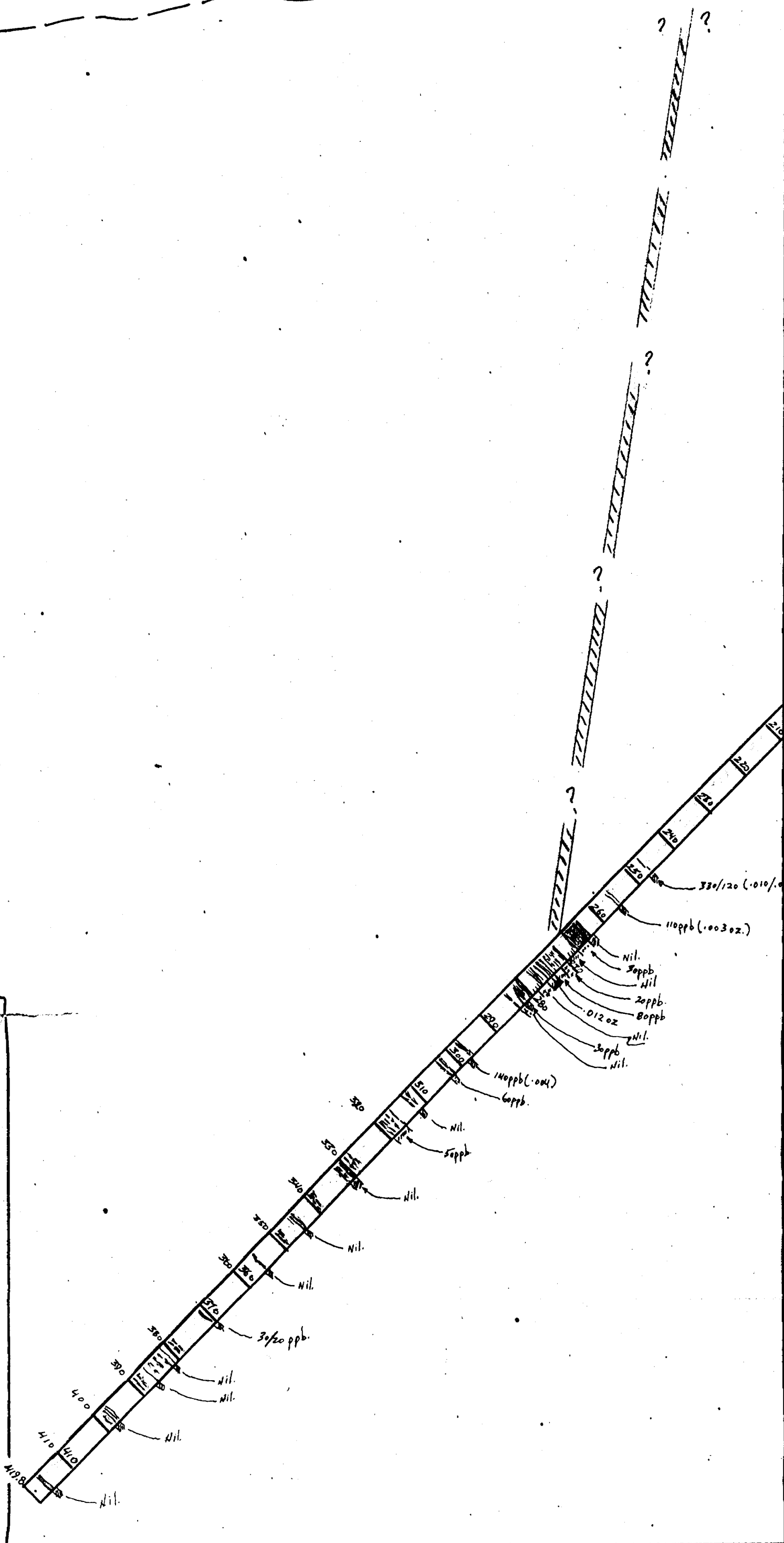
-  Quartz Vein
-  Granodiorite
-  Gabbro
-  Diabase (Diabasic Gabbro)

SECTION K-K1

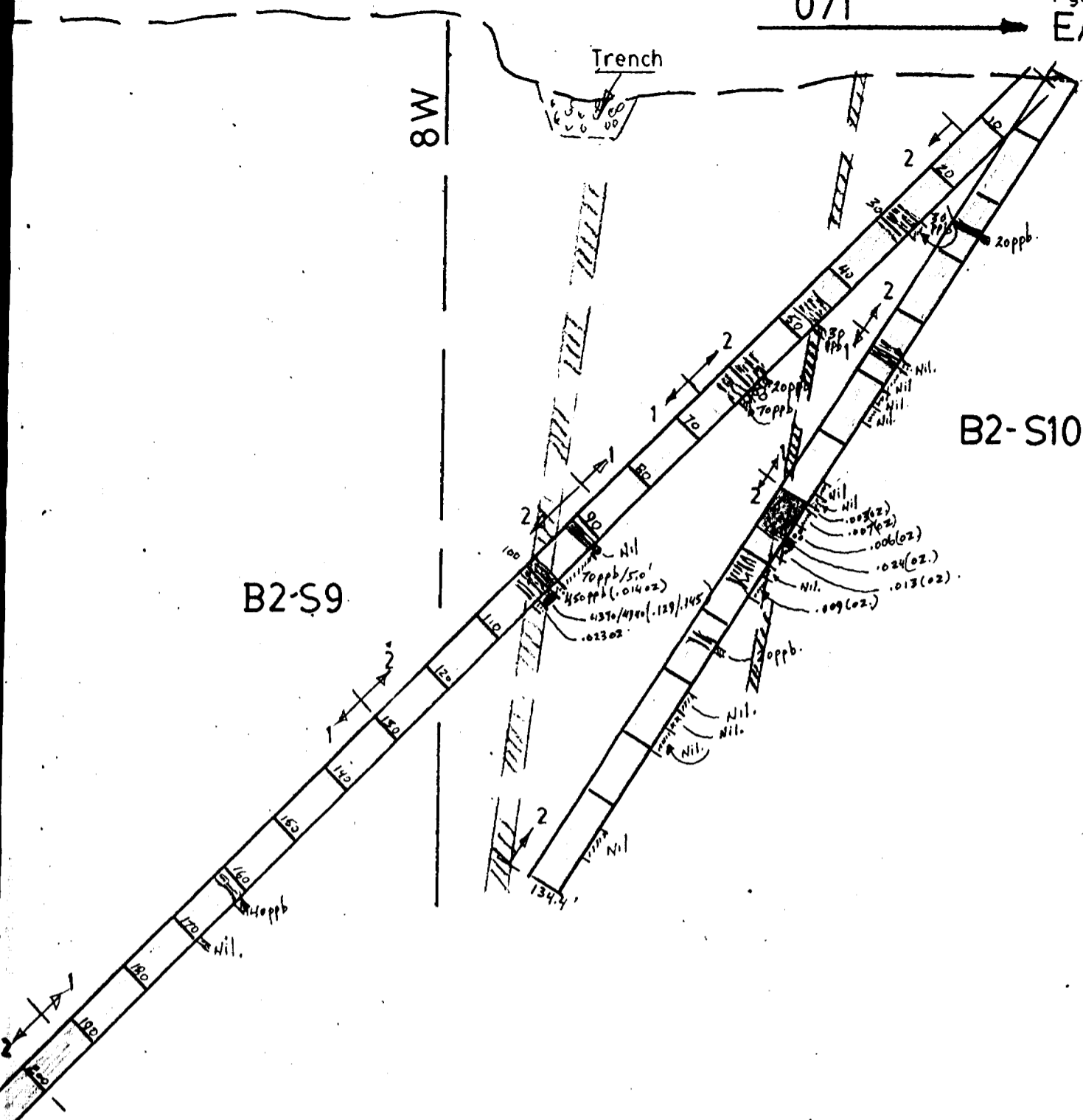
DELBRIDGE MINES LTD.	
DESANTIS PROJECT	
D.D.HOLE 87-512	
DATE: 12-11-87	SCALE: 1"=20'
DRAWN BY J.A.M.	Dwg. S 88-5K

West

← 251°



071°



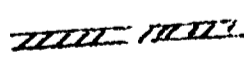
B2-S9

B2-S10

 Quartz Vein

 Granodiorite

 Gabbro

 Auriferous Horizon (Interpreted)

SECTION L-L1

DELBRIDGE MINES LTD.

DESANTIS PROJECT
DD Holes: B2-S9
B2-S10

DATE 4/11/87

SCALE 1"=20'

DRAWN: JAM Modified by RV

DWG. S 88-5L

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBIDGE MINES LTD.
 HOLE NO. BZ-51 LENGTH 30m (98.4')
 LOCATION DESANTIS PROJECT Turnbull Twp.
 LATITUDE 4625 DEPARTURE 2+91W
 ELEVATION +6.0' AZIMUTH 272° DIP -45°
 STARTED 16/9/87 FINISHED 16/09/87

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH

HOLE NO. BZ-51 SHEET NO. 1

REMARKS Logged in text

Log checked & verified: R. Stewart

LOGGED BY J. Miller

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	SIDES	FOOTAGE FROM TO TOTAL	PP15 %		OZ/TON	OZ/TON
0	6.5'	CASING.	LAB SAMPLE						
6.5'	48.2'	GRANODIORITE: li. grey, c.g. uniform, sh. shd, siliceous 19.7-22.9. 5x14" Q. @ 30°, Tr. py @ 27.9' 15" QC, @ 30° chl. incls. T. f. py 41-42.0 2x15" Tr. py. 47.5-48.2 90% QC @ 45° Tr. py. & cpy	L2480		19.7 22.9 3.2'	20			
			L2481		26.5 27.5 1.0'	20			
			L2482		41.0 42.0 1.0'	30			
			L2483		45.5 48.2 2.7'	320	.010		
48.2	68.9	GABBRO mg, med. grey greenish, mod. shd, sl. chloritic							
68.9	76.2	QZ, felsic & chl. incls. @ 45° Tr. py.	L-2484		68.9 70.0 1.1'	90			
			L2485		70 75 5.0	10			
76.2	98.4	DIABASE dk. grey green, shd, much broken core.	L2486		75 76.2 1.2'	40			
		98.4 EOH							

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. B2-52 LENGTH 65 m. (213.2')
 LOCATION DESANTIS PROJECT TURNBULL TWP.
 LATITUDE 1+62 S. DEPARTURE 2+95 W.
 ELEVATION +6.0' AZIMUTH 272° DIP -65°
 STARTED 17/09/87 FINISHED 18/09/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. B2-52 SHEET NO. 1

REMARKS logged in text
log checked and verified: P. Miller

LOGGED BY P. Miller

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	PH-IDS	FOOTAGE FROM TO TOTAL	SAMPLE NO.	AU %	PPB	OZ/TON	OZ/TON
0	6.5	CASING;								
6.5	68.5	GRANODIORITE: li. grey, pinkish, uniform, sl. shd, c 35.5, 5" of 60% QTz, c 70° Tr. py. 41.0-42.0 1.5" QC. @ 15° Tr. f. py.			33 34 1.0'			720/630 .002		
					41.0 42.0 1.0'			210 .007		
68.5	164	GABBRO mg, med. grey green, chloritic, sl. shd, carb. 101-102 3" QC. @ 60° Tr. f. py. 88.5-91.8 Breccia, muddy, fault gouge? 119.7-123.0 1/4" Q Calcite along core, Tr. f. py. & cpy. 129.5-153.0 1" Q Calcite along core Tr. f. py.			101.0 102.0 1.0'			89 110 .003		
					119.7 121 2.3'	2490	Nil			
					121.0 123.0 2.0'	91	Nil			
164	172	QTZ. @ 30° Tr. py & cpy, along east contact good patchy py & cpy			129.0 133.0 4.0'	92	140	.004		
					133.0 136.0 3.0'	93	Nil			
					136.0 139.0 3.0'	94	Nil			
					139.0 142.0 3.0'	95	Nil			
					142.0 145.0 3.0'	96	Nil			
					145.0 148.0 3.0'	97	Nil			
					148.0 150.0 2.0'	98	10/Nil			
					150.0 153.0 3.0'	99	Nil			
					164 165 1.0'	2500	Nil			
					165 167 2.0'	501	20			
					167 170 3.0'	1	Nil			
					170 172 2.0'	3	Nil			

DIAMOND DRILL RECORD

NAME OF PROPERTY DESANTIS PROJECT

HOLE NO. BZ-52 SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPH IDES	FOOTAGE FROM TO TOTAL	%	PPB	OZ/TON	OZ/TON	
172	177	GRANODIORITE, co, light, pinkish, uniform, sh. sh.	LAB SAMPLE No							
		172-177 narrow q.c. along core, Tr. py.	D504		172 175 3.0'		Nil			
177.0	213.2	DIABASE: dk. grey, green, sh, much broken core.	D505		175 177 2.0'		30			
		E.O.H. 213.2'								

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBIDGE MINES LTD.
 HOLE NO. BZ-53 LENGTH 30m (94.8')
 LOCATION DESANTIS PROJECT Turnbull Twp.
 LATITUDE 2+09S DEPARTURE 2+88W
 ELEVATION +7 AZIMUTH 269° DIP -45°
 STARTED 18/09/87 FINISHED 18/09/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. BZ-53 SHEET NO. 1
 REMARKS Logged in feet
 checked and verified: R. Stewart
 LOGGED BY J. Miller

FOOTAGE		DESCRIPTION	SAMPLE			P.P.B. ASSAYS			
FROM	TO		NO.	SIL PH IDES	FOOTAGE FROM TO TOTAL	%	%	OZ/TON	OZ/TON
0	18.0	GABBRO: c.g., med. grey green, mod. shd chloritic carb. speckling. @ 18 35" Q.C. @ 50° Tr. f. py.	hns Sample No						
18	60.7	GRANODIORITE: c.g. li. grey pinkish, mod shd, uniform.	D506		175 19.5 10'	NIL			
60.0	72.2	QTZ bullish, irreg. chl. incls. Tr. f. py.	D507		60. 61 1.0	30			
72.2	84.0	GRANODIORITE as above	D508		61 63 2.0	NIL			
	72.2-75.4	Q.C. along core 2% patchy py.	D509		63 65 2.0	30			
	75.4-80.4	95% @ 45° chlor. incls, Tr. f. py?	D510		65 68 3.0	NIL			
	83-84	QC @ 70° Tr. f. py.	D511		68 70 2.0	50			
84	98.4	DIABASE c.g. dk grey green, hi. shd mach broken core 98.4 E.O.H	D512		70 72.2 2.2	440		.014	
			D513		72.2 75.4 3.2	570/600		.018	
			D514		75.4 77.8 2.4	50			
			D515		77.8 80.4 2.6	NIL			
			D516		83 84 1.0	100		.003	

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. BZ-54 LENGTH 62 m (203.4')
 LOCATION DESANTIS PROJECT Turnbull Twp.
 LATITUDE 2+09S DEPARTURE 2+25W
 ELEVATION +70' AZIMUTH 269° DIP -65°
 STARTED 18/09/87 FINISHED 22/09/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. BZ-54 SHEET NO. 1

REMARKS Logged in feet

checked and verified by R. Hewson

LOGGED BY J.M. Milner

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS							
FROM	TO		NO.	FOOTAGE			%	%	OZ/TON	OZ/TON			
				SIL	PH	IDES					FROM	TO	TOTAL
0	21.3	GABBRO: c.g., med gray green, much carb. speckling. mod. sh ^d . some felsic incls.	498 Sample NO										
21.3	186	15.4-16.4 2x2" Q.C. str. @ 26-40° 1% patchy py. GRANODIORITE: c.g., med. to li. gray pinkish, uniform, mod sh ^d . @ 60.5 1" Q.C. str. @ 30° Tr. py @ 65.5 1/2" Q.C. @ 15° 17% py @ 70.5 2" Q.C. @ 30° Tr. py 83.5 Becomes med. gray uniform @ 101.7 2" Q.C. @ 15° Tr. f. py @ 105.5 1" Q.C. @ 40° Tr. py 111.5-115 1" Q.C. along core Tr. py. 115-116 1" Q.C. @ 20° Tr. py. 122-125 Q.C. @ 15° Tr. py 134-136.5 Q.C. @ 100° Tr. py. 138-141 Q.C. along core Tr. py. 141-142 1" Q.C. @ 150° Tr. f. py. @ 149.5 2x1/2" Q.C. @ 50° Tr. f. py. 153-154 1" Q.C. @ 20° Tr. f. py. 164-167 Q.C. along core. Tr. py 169-170.5 Q.C. @ 20° Tr. py. 171-174 Q.C. along core, Tr. py.	D517	15.4	16.4	1.0'	30						
			D518	60	61	1.0	NIL						
			D519	65	66	1.0'	NIL						
			D520	76	71	1.0'	10/110			.003			
			D521	101	102	1.0'	20						
			D522	105	106	1.0	NIL						
			D523	111	115	4.0'	NIL						
			D524	115	116	1.0'	NIL						
			D525	122	125	3.0'	NIL						
			D526	134	137	3.0'	NIL						
			D527	138	141.0	3.0'	NIL						
			D528	141	142.0	1.0'	NIL						
			D529	149	150	1.0'	30						
			D530	153	154	1.0'	NIL						
			D531	164	167	3.0'	NIL						
			D532	169.0	170.5	1.5'	70/30						
			D533	171.0	174.0	3.0'	NIL						

DIAMOND DRILL RECORD

NAME OF PROPERTY DESANTIS PROJECT

HOLE NO. BZ-54

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			P.P.B.	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
		174-176 212° Q.C. @ 20° 1/2 py. along contact	LAB 5824		174	176	2.0'	20			
		176-185.0 10% irreg. 14" Q.S. felsic str. at all angles	D554		176	179	3.0'	NIL			
		Tr py.	D536		179	182	3.0'	NIL			
		185-186 6" Q.C. @ 80° Tr py	D557		182	185	3.0'	NIL			
			D538		185	186	1.0'	100		.003	
186	203.4	DIABASE, dk gray green, high ^d , much broken conr.									
		ECH 203.4'									

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. BZ-55 LENGTH 52m (170.6')
 LOCATION DESANTIS PROJECT
 LATITUDE 47545 DEPARTURE 2+38 W
 ELEVATION 0 AZIMUTH 256° DIP -45°
 STARTED 22/09/87 FINISHED 22/09/87

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH

HOLE NO. BZ-55 SHEET NO. 1

REMARKS Logged in feet
Checked and verified: R. Fraser

LOGGED BY J. M. Miller

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	SIL PH IDES	FOOTAGE			P.P.B %	OZ/TON	OZ/TON
					FROM	TO	TOTAL			
0	6.5	CASING.								
6.5	142.0	GRANODIORITE: m-c.g., li. gray, uniform, med. shd.	LAB SAMPLE NO							
		21-23 2x1" Q.C. @ 20° Tr. py.	D539		21	23	2.0'	NIL		
		31-32 1/2" Q.C. along core Tr. py.	D540		31	32	1.0'	30		
		59.5-61.5 1/2" Q.C. along core Tr. c.g. py.	D541		59.5	61.5	2.0'	90/100	.003/.003	
		85-86 1" Q.C. @ 20° Tr. c.g. py.	D542		85	94	1.0'	20		
		95-96 2" Q.C. along core Tr. py.	D543		95	96	1.0'	20		
		98-100 Q.C. @ 15° 17a py.	D544		98	100	2.0'	NIL		
		110-111 6" Q.C. @ 90° Tr. py.	D545		110	111	1.0'	NIL		
		@ 124.5 1/2" Q.C. @ 15° 17a py.	D546		124	125	1.0'	40		
142	152	142-152 Q.C. @ 30° chloritic & felsic incls. < 17a py.	D547		142	143	1.0'	50		
		@ 154.5 6" Q.C. splash along core Tr. py.	D548		143	145	2.0'	70		
		@ 160.5 3" Q.C. @ 15° Tr. py.	D549		145	149	3.0'	50		
152	170.6	GRANODIORITE: as before	D550		149	150	2.0'	40		
			D551		150	152	2.0'	20		
			D552		154	155	1.0'	40		
			D553		160	161	1.0'	20		
		163-164 8" Q.C. @ 40° 17a py.	D554		163	164	1.0'	60/60		
		@ 168 1/2" Q.C. @ 45° Tr. py.	D555		167.5	168.5	1.0'	50		
		E.O.H. 170.6'								

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. BZ-56 LENGTH 85 m (278.9')
 LOCATION De SANTIS PROJECT Turnbull Twp.
 LATITUDE 4+53S DEPARTURE 2+40W
 ELEVATION 0 AZIMUTH 256° DIP -65°
 STARTED 22/09/87 FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 1 SHEET NO. 1

REMARKS Logged in feet

checked and verified: R. Stewart

LOGGED BY J. Miller Sept 30/87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	SUPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
0	6.5	CASING									
6.5	200	GRANODIORITE: f.m.g., li. grey, uniform, siliceous. med. sh ^d .									
		30.0-65.5 gradual change to med. grey,									
		@ 45.5' 3" Q. f. sil ^d @ 30° Tr. py.	2558		45.0	46.0	1.0'	Nil.			
		55-56.0 2" Qtz. @ 80° chl. incl. Tr. py.	59		55.0	56.0	1.0'	110/120		.003/.004	
		65.5-104 li. grey, c.g. pinkish.									
		104- med. grey, pinkish									
		@ 145.5' 1" Q.C. @ 15° chl. incl. Tr. py.	60		145.0	146.0	1.0'	10			
		@ 157.5 1 1/2" Q.C. @ 80° Tr. py.	61		157	158	1.0'	Nil			
		173-174.0 1" Qtz @ 80° Tr. py.	62		173	174	1.0'	10			
		177-178.0 6" Qtz @ 75° Tr. py.	63		177	178	1.0'	20			
		188.0-190.0 18" Qtz. @ 30° Tr. py.	64		188	190	2.0'	140		.004	
		192-193.0 6" Q.C., @ 60° Tr. py.	65		192	193	1.0'	Nil			
		195-196.0 8" Q.C. @ 60° Tr. py.	66		195	196	1.0'	Nil			
		196-200.0, 3x1/2", 2x2" f. 4" Qtz. chl. incl. Tr. py. @ 30-60°	67		196	198	2.0'	30			
200	206	200-206.0, 95% Q.C. @ 25-45° Tr. py.	68		198	200	2.0'	Nil			
		206-208.0 8" f. 4x1/2" Q.C. str. @ 30° Tr. f. py.	69		200	202	2.0'	670/710		.020/.021	
		208-209.0 3x1/2" Qtz str. @ 30° Tr. f. py.	70		202	204	2.0'	30			
206	278.8	GRANODIORITE: as above	71		204	206	2.0'	40			
			72		206	208	2.0'	Nil			
			73		208	209	1.0'	Nil			
			74		209	210	1.0'	Nil			
		209-210.0 4" f. 3x1/2" Q.C. @ 15-30° Tr. py.									

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LANGRISH - TORONTO - 398-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY DESANTIS PROJECT
 HOLE NO. B2-56 SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% RULPH IDES	FOOTAGE			PPB %	OZ/TON	OZ/TON
					FROM	TO	TOTAL			
		GRANODIORITE (cont'd)	LAB SAMPLE No.							
		215-217 6" E 3" QC @ 50° chl. incls., Tr. f. py.	DS75		215	217.0	2.0'	Nil		
		225-226.0 2" F1" Q1/3 str @ 45° Tr. py	76		225	226.0	1.0'	Nil		
		@ 229.5 2" QC. chlor. incls. Tr. f. py. @ 30°	77		229	230	1.0	10		
		231-234 3", 1" E 2x1/2" QC. str @ 40° Tr. py.	78		231	234	3.0'	Nil		
		E.O.H. 278.8'								

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. B2-57 LENGTH 41m (134.5')
 LOCATION DESANTIS PROJECT TURNBULL TWP
 LATITUDE 44° 69'S DEPARTURE 2+60 W
 ELEVATION 0 AZIMUTH 243.30 DIP -45°
 STARTED 24/09/87 FINISHED 24/09/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. B2-57 SHEET NO. 1

REMARKS Logged in text
checked and verified: R. Stura

LOGGED BY Jamiller Oct 6 1987

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	SIL PH IDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	6.6	CASING									
6.6	10.5	SILICIFICATION ligrey, buff, Tr. f. py.	L2224		6.6	10.5	3.9	NIL			
10.5	115.0	GRANODIORITE: m.g., li. to med. grey, siliceous, uniform, sl. sh ^d ,									
		11-13 3x1/2" Q. str. @ 45° Tr. f. py	25		11	13	2.0'	NIL			
		28-30 silic ^d . section with 6x1/4" Qtz. str. Tr. py. e 31.2, 1" fault gouge @ 40°	26		28	30	2.0'	10			
		46-115 gradational change to med. gray uniform.									
		@ 60.5 1" f 1/4" Q.C. @ 70° Tr. f. py.	27		60	61	1.0'	NIL			
		64.5-65.5 2x1/2" Q.C. @ 30° Tr. f. py.	28		64.5	65.5	1.0'	40/40			
		73-75 1" f 2x1/2" Q.C. @ 30-46° Tr. f. py.	29		73	75	2.0'	NIL			
		@ 85.3 1" Q.C. @ 10° Tr. f. py.	30		85	86	1.0'	NIL			
		113-115 8" f 3x1/2" Q.C. @ 30° Tr. f. py	31		113	115	2.0'	NIL			
115	134.5	GABBRO f-m.g., dk grey green, uniform, chloritic mod. sh ^d .	32		119	120	1.0'	NIL			
		119-120 1" Q.C. @ 10° Tr. f. py.									
		134.5 E.O.H.									

LANGRANGES - TORONTO - 388-1168

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DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. B2-58 LENGTH 70 m (229.6')
 LOCATION DESANTIS PROJECT
 LATITUDE 4+67S DEPARTURE 2+36W
 ELEVATION 0 AZIMUTH 243.30' DIP -65°
 STARTED 25/09/87 FINISHED 28/09/87

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH

HOLE NO. B2-58 SHEET NO. 1

REMARKS Logged in feet

Checked and verified: R. Brown

LOGGED BY J. Miller Oct 6/87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	FOOTAGE		%	%	OZ/TON	OZ/TON
				FROM	TO				
0	9.8	CASING							
9.8	15.4	SILICIFICATION; li. grey, buff, showing some fine hair-like Qtz str. Tr. f. py	L2235	9	12	3.0	NIL		
15.4	190	GENADIORITE: m.g., li. to med. grey, siliceous, uniform sl. sh ^d .	34	12	16	4.0	NIL		
		α 36.5 1" QC. @ 30° Tr. py.	35	36	37	1.0'	30		
		α 41.5 3" QC. @ 40° Tr. py	36	41	42	1.0'	NIL		
		α 90 1/2" QC @ 30° 170 py.	37	89.5	90.5	1.6'	30		
		110-114.8 90% QC. @ 30° Tr. py.	38	110	112	2.0	440	.013	
		115-164 coarser gnd., pinkish.	39	112	115	3.0	2130/2190	.063/.064	
		164-190 med. grey.							
190	198	Q.C. well fractured, chl. incl. Tr. f. py, heavy py along west or foot wall contact.	40	190	191	1.0	20570/20640	.605/.607	
			41	191	193	2.0	17760/19200	.522/.565	
198	229.6	GABBRO: f-m.g., dk. grey green, chloritic, uniform, mod. sh ^d	42	193	196	3.0'	30		
			43	196	198	2.0'	10		

E.O.H. 229.6'

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. B2-59 LENGTH 128m (419.8')
 LOCATION De Santis Project
 LATITUDE 2238 South DEPARTURE 717 West
 ELEVATION _____ AZIMUTH 251° DIP -45°
 STARTED Sept. 28/87 FINISHED 30/09/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. B2-59 SHEET NO. 1

REMARKS Logged in feet
checked and verified: R. Hewitt

LOGGED BY J. Miller

FOOTAGE		DESCRIPTION	SAMPLE			P.P.B. ASSAYS			
FROM	TO		NO.	FOOTAGE		#	%	OZ/TON	OZ/TON
				FROM	TO				
0	13.1	CASING;							
13.1	65.6	GRANODIORITE: li to med grey pinkish, med. mod. sh ² , @ 30° sl. siliceous, scatt ^d c.g. py. cubes. shows consid. felsic incls.							
		26.2-31.2, 5 x 1/2" irreg. Q.C. str ^s , 1% c.g. py. Tr. py. in host rock	Q 25	26.0	27.0	3.0'		30/30	
		44-47 1" & 6x14-1/2" Q str ^s @ 30-50° Tr. py.	26	29.0	32.0	3.0'		NIL	
		47-49 4" Q.C. @ 20° Tr. f. py	27	44	47	3.0'		NIL	
		52-59 2x1", 1/2" & 4x1/4" Q.C., 40-60° Tr. f. py.	28	47	48	1.0'		30	
		60.5-65.5 hi. sh ² @ 60°	29	57	59	2.0'		20	
65.6	86.9	GABBRO, c.g. dk grey green, uniform, fairly massive, diabasic, carb ^d ,	30	61	63	2.0'		70	
		61-63 3x1" Q.C. 25-60° Tr. py							
86.9	130.2	GRANODIORITE: as before.							
		94-93 1.5' Q.C. @ 30° Tr. py.	31	91	93	2.0'		NIL	
		98-101.5 Q.C @ 25° > 17° py.	32	93	98	5.0'		70	
		102- ^{124.5} med. grey, uniform,	33	98	100	2.0'		450	
		102-103 2" & 1" Q.C @ 20° Tr. py.	34	100	102	2.0'		4370/4900 3220/3570	
		124.5-130.2 c.g., li. grey pinkish, uniform fairly massive	Q 35	102	103	1.0'		790/670	
130.2	193.0	GABBRO: c.g., li. to med. grey, uniform, massive, siliceous, granitic.							
		161-142.0 3" silic. @ 20° Tr. py	D556	161.0	162.0	1.0'		40	
		169-170.0 2" silic. @ 45° Tr. py.	57	169	170.0	1.0'		NIL	

.014
 -145
 .106
 .023
 .07 OZS/TON OVER 5.0'

DIAMOND DRILL RECORD

NAME OF PROPERTY Dumont Project

HOLE NO. B2-59

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		PPB	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL				
		GABBRO (cont'd) 170-193.0 becomes med. gray green, finer grnd, chloritic.								
193.0	419.9	GRANODIORITE: c.g., med. gray pink fairly mass. Some greenish sections								
		159-246 rusty. granitic								
		246-268 med gray, greenish.								
		@ 246.5 1/2" Q. str. 10% c.g. py.	D579	246	247	1.0'	130/120		.010/.004	
		255-256 2x1/2" Q str @ 20° 5% py	80	255	256	1.0'	110		.003	
		258-262 Lost core.	81	263	265	2.0'	NIL			
		263.5-267.5 Q.C. @ 45° felsic incl. 1% f. py	82	265	268	3.0'	30			
		268-279 li. grey siliceous	83	268	270	2.0'	NIL			
		268-272 3x1/2" f. 4x1/4" Q str @ 30-45° 1% py	84	270	272	2.0'	20			
		272-274 3x1/4" Q Tr py.	85	272	274	2.0'	80			
		274-276 10" f. 1" Q.C. @ 70° Tr py	86	274	276	2.0'	410/330		.010/.010	
		276-279 8", 1" f. 2x1/2" Q.C. @ 50° Tr. py	87	276	279	3.0'	NIL			
		279-300 med. gray, pinkish.	88	281	282	1.0'	30			
		281-282 2x1" Q.C. @ 20° Tr py	89	282	284	1.0'	NIL			
		@ 283.5 2" Q.C. 45° 1% py	90	287	289	1.0'	140		.004	
		297-298 4" f. 4x1/4" Q str @ 45° 1% py	91	302	303	1.0'	60			
		302-303 1/2" f. 2x1/4" Q str @ 40° 1% py								
		300-320 granitic	92	311	312	1.0'	NIL			
		311.5-312.5 1" f. 1/2" Q. @ 40° Tr py.	93	316	320	4.0'	50			
		316-320 6x1/2" Q.C. @ 30-40° 1% c.g. py.								
		320-332 med. gray greenish	94	330	332	2.0'	NIL			
		330-332 8" f. 1" Q.C. @ 60° Tr py								
		332-420.0 becomes li. grey, sil. silic.								

DIAMOND DRILL RECORD

NAME OF PROPERTY De. Santos Project.
 HOLE NO. B2-59 SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% RULPH IDES	FOOTAGE		PPB	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL				
		344-345 1" $\frac{1}{2}$ " Q.C. @ 40° Tr. py	D595		344	345	10'	NIL		
		@ 355.5 1/2" Q.C. @ 25° Tr. C. g. py.	96		355	356	10'	NIL		
		370-371 2" Q.C. @ 20° 1% py & pyrr.	97		370	371	10'	30/20		
		@ 381.5 1 1/2" Q.C. @ 45° Tr. py & pyrr.	98		381	382	10'	NIL		
		@ 386.5 2" Q.C. @ 40° 1% pyrr, Tr. py & cpy	99		386	387	10'	NIL		
		397-399 60% Q.C. @ 25° 2% pyrr, Tr. py & cpy	D600		397	399	20'	NIL		
		416-417 2x1" Q.C. @ 40° Tr. f. py & pyrr.	L2208		416	417	10'	NIL		
		419.8' E.O.H.								

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DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. B2-510 LENGTH 41 meters (134.4')
 LOCATION De Santis PROJECT TURNBULL TWP
 LATITUDE 22°36' South DEPARTURE 7°13' West
 ELEVATION _____ AZIMUTH _____ DIP -57°
 STARTED 01/10/87 FINISHED 01/10/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. B2-510 SHEET NO. 1

REMARKS logged in fact
checked and verified: R. Howar

LOGGED BY J. Miller Oct 5/87

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	SULPHIDES	FOOTAGE FROM TO TOTAL	P.P.B.	%	OZ/TON	OZ/TON	
0	45.9	GRANODIORITE: li. grey, greenish, m.g., scatt ^d Qtz filled spherules? Hybrid type rock 13-45.0 med. gray green, chloritic. 25-26 Q.C. @ 5° Tr. f. py								
45.9	70.5	GABBRO: dk. grey green, chloritic, sh. Calc. altn. 46.5-47.5 Q.C. @ 10° Tr. f. py. 47.5-56 numerous 1/4-1/2" Q.C. str. Tr. f. py. 59-65 Lost CORE 66.5-70 Oxidized section, leached, rusty, showing, find irreg. Qtz. str. Tr. py	L2209		25	26.0	1.0'	20		
70.5	77.0	70.5-77.0 Q.C. @ 15°? 1% f. py. 75-76 20% c.g. py	10		46.5	47.5	1.0'	NIL		
77.0	101.1	GABBRO: as above 80-82 Q.C. along core, Tr. py. white, milky 82-85 Qtz. & silic?, brecc ^d @ 15° 5% py. 93-95 1" & 1/2" Q.C. along core Tr. f. py	11		47.5	50.5	3.0'	NIL		
101.1	134.4	GRANODIORITE sharp change change to li. grey, porphyritic texture m.g. 101.6-109.9 Very c.g., shows 1pc. up to 1/2" angular to sub-angular frags of, carbonate with med to dk. gray carbonatized matrix. 109.9-124.6 pot. phyr. with irreg. narrow brecc ^d zone. 124-129 Very c.g. as above. 129-131.2 porphyritic. 134.4 E.O.H	12		50.5	53.5	3.0'	NIL		
			13		53.5	56.0	2.5'	NIL		
			14		66	68	2.0'	NIL		
			15		68	70	2.0'	NIL		
			16		70	71	1.0'	100	.003	
			17		71	73	2.0'	230	.007	
			18		73	75	2.0'	200	.006	
			19		75	76	1.0'	810/700	.024/.021	
			20		76	78	2.0'	450	.013	
			21		80	82	2.0'	NIL		
			22		82	85	3.0	320	.009	
			23		93	95	2.0'	20		
			Q47		101	104	3.0	NIL		
			48		104	107	3.0	NIL		
			49		107	110	3.0	NIL		
			50		124	129	5.0	NIL		

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. 87-51 LENGTH 723.3' 68m.
 LOCATION DESANTIS PROJECT
 LATITUDE S 17° 57' DEPARTURE W 37 21.5
 ELEVATION -15' AZIMUTH 126° DIP -45°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-51 SHEET NO. 1

REMARKS logged in metric

Checked and verified: P. Brown

LOGGED BY J.P. Fisher June 9/87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	SIL PH IDES	FOOTAGE FROM TO TOTAL	AU %	%	OZ/TON	OZ/TON
0	3.098	CASING							
3.0	25.50	DIABASE: Olivine, dk. gray green, granular, well shd., much broken core.							
25.50	26.0	LOST CORE							
26.0	26.54	QUARTZ: @ 30°, well fractured, Tr. v. f. py.	4577		26.0 (85.3')	26.54 (87.0')	+55' (1.7')	10	
26.54	36.76	GRANODIORITE: med. gray pinkish, uniform mod. shd., Tr. f. py.							
26.54	27.50	3x1/2 cm Qtz @ 45° Tr. f. py.	4578		26.54 (87.0')	27.50 (90.2')	.96 (3.2')	10	
27.50	28.61	1cm Q.C. @ 45° Tr. f. py.	4579		28.40 (93.2')	29.00 (95.1')	.60 (1.9')	Nil.	
28.61	30.87	1cm Q.C. @ 40° Tr. f. py.	4580		30.75 (101')	31.75 (104')	1.0 (3.0')	Nil.	
30.87	31.34	Qtz. milky @ 50° Tr. f. py.							
31.34	31.46	several 1/2m. f hair like str. f splashes @ 15-40°	4581		32.0 (105')	33.50 (110')	1.5 (5.0')	Nil.	
31.46	32.0	Tr. f. py.	4582		33.50 (110')	35.0 (114.8')	1.5 (4.8')	Nil.	
32.0	35.0	3 1/2 cm. along core Tr. f. py.							
35.0	35.40	1cm f 4x1/2 cm. @ 40-60° Tr. f. py.	4583		35.0 (114.8')	36.50 (119.8')	1.50 (5.0')	Nil	
35.40	36.50	Q. DIORITE: m.g., med. gray, fairly massive, uniform siliceous abundant lge. Qtz, phenocrysts.							
36.50	36.76	10, 2x1 1/2 f 3 1/2 cm Qtz, str. @ 30-45° Tr. f. py	4584		36.5 (119.8')	38.0 (124.8')	1.50 (5.0')	Nil	
36.76	38.0	18 cm. fault gouge?							
38.0	39.69	QUARTZ VEIN, milky, well fractured, Tr. f. py at SB contact							
39.69	47.70	Q. DIORITE as before							
39.69	41.0	li. grey, silic., 5x fine Q. str., Tr. f. py.	Q1		39.69 (130.2')	41.0 (134.2')	1.81 (5.3')	Nil.	
41.0	42.27	2cm Q. smoky, @ 60° Tr. py.	2		42.0 (137.8')	42.50 (139.4')	.50 (1.6')	Nil.	

DIAMOND DRILL RECORD

NAME OF PROPERTY DE SANTIS PROJECT

HOLE NO. 87-51 SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE			Av %	oz/TON	oz/TON
				FROM	TO	TOTAL				
		Q. DIORITE (cont'd.)								
		44.0-45.0 3x1/2 cm. Q. @ 10-30° Tr. f. py. 144.3 147.6	Q 3		44.0	45.0	1.0	ppb Nil		
		@ 45.50 16 cm. Q. f. silic. @ 45° Tr. py. 149.2	4		45.0	46.0	1.0	20		
		@ 47.70 3 cm Q. f. silic. @ 30° Tr. py. 154.5	5		47.40	48.0	.60	Nil		
47.70	68.0	GRANODIORITE: as before.								
		@ 50.0 18 cm f. silic. @ 60° Tr. py. 164	6		49.75	50.25	.50	10		
		58.0-58.47 4x1/2 cm. Qtz. str. @ 5-60° Tr. f. py. 190.2 191.8	Q 7		58.0	59.0	1.0	Nil		
		@ 58.67 8 cm. Qtz. @ 50° Tr. py. 192.4								
		E.O.H. 68 m. (223.3')								

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. 87-52 LENGTH 68m. (223.3')
 LOCATION DESANTIS PROJECT TURNBULL TWR
 LATITUDE S 1457 DEPARTURE W 3+91
 ELEVATION -15' AZIMUTH 049° DIP -45°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-52 SHEET NO. 1

REMARKS Logged metric

Checked and Verified: P. Thewissen

LOGGED BY J. Miller June 2/87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	SULPHIDES	FOOTAGE			Au ppb(oz)	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	4.31	CASING	LAB Sample No.								
4	28 91.8	DIABASE: dk. gray to black, c.g., mod. shd, & broken. hematite alt?, Olivine, 26 on becomes finer grd.									
28	29.5 95.1	LOST CORE									
29.0	29.34 96.2	QUARTZ: milky, bullish, e60° Tr. f. py.			29.0 (95.1)	29.5 (96.8')	.50 (1.8')	10			
29.34	31.45 103.2	GABBRO: med. gray, m.g., dense alt, silic. sections. @ 30.5 Fault gouge?	4554		29.50 (96.8')	31.4 (101.7')	1.50 (4.9')	Nil			
31.45	34.50 113.2	QUARTZ	4555		31.0 (101.7')	32.50 (106.6')	1.50 (4.9')	30/20			
34.50	39.50 129.6	GABBRO med. gray, m.g., granular, uniform, sl. shd, Tr. stky hematite. @ 35.85 117.6 2cm. Q.C. @ 35° sugary, Tr. py. & cpy. @ 37.15 121.9 4cm. Sugary Qtz, Calcite Tr. f. py. @ 37.78 123.9 10cm. Calcite pink, @ 30° Tr. py. & cpy. @ 37.96 124.5 1cm. Qtz @ 50°, milky, sparse py.	4556		32.50 (106.6')	34.50 (113.2')	2.00 (6.6')	10			
39.50	41.56 136.3	GRANODIORITE: c.g., med. gray, pink, mod. shd, uniform Tr. f. py. @ 39.94 131.0 2 1/2 cm. Q.C. @ 20° Tr. py & cpy.	4557		35.60 (116.8')	36.00 (118.1')	.40 (1.3')	Nil.			
41.56	43.50 142.7	GABBRO: as above, granitic alt?	4558		37.0 (121.4')	37.50 (123.0')	.50 (1.6')	Nil.			
43.50	54.39 178.4	GABBRO: granular, li. gray greenish, uniform, sl. shd, carb. speckling. 44.0-45.0 144.3-147.4 46.0-49.0 150.9-162.7 5x1cm Q.C. @ 20-40° Tr. py & cpy. 20% very irreg. Q.C. Brecc. along core to 20° Tr. py.	4559		37.50 (123.0')	38.00 (124.6')	.50 (1.6')	Nil.			
			4560		39.57 (129.8')	40.20 (131.9')	.63 (2.1')	30/30			
			4561		41.0 (134.5')	42.50 (139.4')	1.50 (4.9')	10			
			4562		44.0 (144.4')	45.50 (149.2')	1.50 (4.9')	Nil.			
			4563		46.0 (150.9')	47.50 (155.8')	1.50 (4.9')	Nil.			

DIAMOND DRILL RECORD

NAME OF PROPERTY DESANTIS PROJECT

HOLE NO. 87-52

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% RULPH IDES	FOOTAGE FROM TO TOTAL	AVG ppb (oz)	%	OZ/TON	OZ/TON
		GABBRO (contd)							
		49.0-51.0 160.7 167.1	4665		47.50 (155.8')	49.0 (160.8')	1.50 (5.0')	Nil	
		51.0-53.0 167.3 173.8	4666		49.0 (160.8')	50.0 (164.0')	1.0 (3.2')	Nil	
		7x1/2cm Q.strs. @ 15-50° Tr.py. & cpy. 30% Q.C. brecc., along core Tr.py & specks of cpy.	4667		50.0 (164.0')	51.0 (167.2')	1.0 (3.2')	Nil	
			4668		51.0 (167.3')	52.0 (170.4')	1.0 (3.2')	130/110 (1004/1003)	
			4669		52.0 (170.4')	53.0 (173.9')	1.0 (3.2')	Nil	
			4671		53.0 (173.9')	54.0 (177.2')	1.0 (3.2')	Nil	
54.39 178.4	68.0 223.3	GRANODIORITE: li. to med. grey, pinkish, c.g., mod. sh ^g , sparse py. throughout.							
		54-54.5 177.4 178.8	4670		54.0 (177.2')	54.50 (178.8')	1.50 (1.6')	Nil	
		54.50-56.0 193.4	4672		54.50 (178.8')	56.0 (182.7')	1.50 (4.9')	Nil	
		59.0-59.50 193.5 195.4	4673		59.0 (193.6')	59.50 (195.2')	1.50 (1.6')	Nil	
		61.25-62.0 200.9 203.4	4674		61.0 (200)	62.0 (203.4')	1.0 (3.4')	Nil	
		62.0-63.50 208.3	4675		62.0 (202.4')	63.50 (208.3')	1.50 (4.9')	Nil	
		@ 64.25 210.1	4676		63.50 (208.3')	65.0 (213.2')	1.50 (4.9')	Nil	
		E.O.H. 68.0m. (223.3')							

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD
 HOLE NO. 87-53 LENGTH 67.0 m. (220.0')
 LOCATION DESANTIS PROJECT TURNBULL TWP
 LATITUDE 17 57 DEPARTURE W 3 + 91
 ELEVATION -15' AZIMUTH 091° DIP -45°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-53 SHEET NO. 1

REMARKS Logged Metric

checked and verified: R. Lewis

LOGGED BY [Signature] JUNE 9/87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	FOOTAGE		%	OZ/TON	OZ/TON	OZ/TON
				FROM	TO				
0	24.04 78.9	DIABASE: c.g., dk. grey to black, badly broken, rusty stks. becomes finer grd. from 23.0	LAB Sample No.						
24.04	24.50 78.9	QUARTZ VEIN: @80° glassy, milky, bullish, sparse to Tr. f. py @ contact.							
24.50	28.80 94.5	GRANODIORITE: med. grey, rusty stks. (hematite alk) granular Q. f. Felds. phenos. e 24.60 80.7 4cm Q.C. @ 50° Tr. f. py. e 24.90 81.7 1/2cm Q.C. @ 80° Tr. f. py. e 25.18 82.4 1/2cm Q.C. @ 80° Tr. f. py. e 25.38 83.2 1cm Q.C. @ 70° Tr. f. py. 25.50-26.00 numerous fine Q. stks at all angles Tr. f. py. @ 27.75 91.0 6cm Q.C. @ 40° Tr. f. py. 28.0-28.50 6x 1/4-1/2cm Q.C. @ 15-60° Tr. f. py. @ 28.67 94.0 3cm Q.C. @ 70° Tr. f. py.	4535	24.04 (78.9')	25.50 (82.7')	1.46 (4.8')	610 (.02)		
28.80	30.0 94.5	Q.C. @ 70° milky, bullish sparse py. with patchy py. at contacts.	4536	25.50 (82.7')	26.0 (85.3')	1.50 (4.6')	40		
30.0	47.0 154.2	GRANODIORITE: as before 30.31-30.49 2x 4cm Q.C. @ 30° Tr. f. py. 30.82-31.22 Q.C. @ 10° Tr. f. py. 31.22-32.0 1/2, 1, 3, 6cm Q.C. @ 20-80° Tr. f. py. 32.0-47.0 med. grey, uniform, fairly mass. Tr. lx. @ 32.10 4cm Q.C. @ 30° Tr. f. py.	4537	26.0 (85.3')	27.50 (90.2')	1.50 (4.6')	Nil.		
			4539	28.0 (91.8')	28.80 (94.4')	.80 (2.6')	Nil.		
			4541	28.80 (94.4')	30.03 (98.5')	1.5 (4.1')	2,190 (.06)		
			4542	30.03 (98.5')	31.32 (102.8')	1.29 (4.3')	Nil.		
			4543	31.32 (102.8')	32.0 (105')	.68 (2.2')	Nil.		

DIAMOND DRILL RECORD

NAME OF PROPERTY DESANTIS PROPERTY

HOLE NO. 87-53

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE		Au %	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL				
		GRANODIORITE: (contd.)								
		32.66-33.50 2x1cm, 2cm, f 3cm Q.C. @ 30° Tr.py. <small>107.1 109.4</small>	LAB Sample No. 44544		32.0 (106.2)	33.50 (110.5)	1.50 (8.7)			Nil.
		33.50-35.0 4x1/2, 2 f 3cm Q.C. Tr.py. @ 60-80° <small>114.3</small>	4546		33.50 (110.5)	35.0 (114.8)	1.50 (4.8)			Nil.
		36.0-37.0 3x1/2, 2x1, 1/2, f 2cm Q.C. slfs. Tr.py. <small>116.1 121.4</small>	4546		36.0 (118.1)	37.0 (121.4)	1.0 (3.3)			Nil.
		37.0-38.0 4x1/2 f 2x2 cm. Q.C. 50-60° Tr.py. <small>124.4</small>	4547		37.0 (121.4)	38.0 (124.7)	1.0 (3.3)			Nil.
		39.25-39.70 3x1/2 cm. Q. @ 50° Tr.py. <small>128.4 130.4</small>	4548		39.25 (128.6)	39.70 (130.2)	1.50 (1.6)			10/30
		41.0-42.25 3, 2, f 2x1cm Q f several hair like Q. Tr. py. <small>134.5 138.6</small>	4549		41.0 (134.5)	42.25 (138.6)	1.25 (4.1)			Nil.
47.0	67.0 <small>198</small>	GRANODIORITE: c.g, med. to li. grey, pinkish, uniform, mod. sh. f fractured usually at an acute L to core.								
		47.0-48.0 2x2, 1 1/2 cm f several hair like Q.C. @ 5-25° Tr.py. <small>154.2 159.4</small>	4550		47.0 (154.2)	48.16 (158.0)	1.16 (3.8)			Nil.
		49.50-51.0 Qtz. milky along core Tr.py. <small>162.4 167.3</small>	4551		49.50 (162.4)	51.0 (167.3)	1.50 (4.9)			Nil.
		52.25 7cm milky Qtz. @ 15° Tr.py. <small>171.4</small>	4552		52.25 (170.6)	52.50 (172.2)	1.50 (1.6)			Nil.
		59.25-60.14 milky Qtz @ 10-15° sparse py. <small>194.3 197.3</small>	4553		59.0 (192.6)	60.25 (197.7)	1.25 (4.1)			Nil.
		E.O.H. 67.0 m.								

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD
 HOLE NO. 87-54 LENGTH 75.0 m. (246.3')
 LOCATION DESANTIS PROJECT TURNBULL TWP
 LATITUDE S 3+62 DEPARTURE W 3+59
 ELEVATION -3.0' AZIMUTH 109° DIP -45°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH

HOLE NO. 87-54 SHEET NO. 1

REMARKS Logged metric
Checked and Verified: R. Stewar

LOGGED BY R. Stewar 10/10/87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	FOOTAGE			NO %	% Pb (oz/ton)	OZ/TON	OZ/TON
				FROM	TO	TOTAL				
0	3.41 11.2	DIABASE: Olivine, dk. grey, greenish, highly shd, & broken, granular.	Lab Sample No.							
3.41	62.77 205.9	GRANODIORITE: c.g., siliceous, rusty, well shd, Tr. f. py. 4-31 gradual change to li-med. grey, uniform, sl. shd. 10.0-10.24 Several hair like & 2x 1/2 cm Q.C. str. @ 30-50° Tr. v. f. py 15.30-15.80 20 & 12 cm Q.C. @ 55°, Tr. v. f. py. at contacts @ 22.0 10 cm. Qtz. & silic. Tr. f. py. @ 80° @ 28.48 1/2 cm. Q.C. @ 40° 1% py. @ 28.66 1/2 cm. Q.C. @ 30° 1% py. @ 29.81 1/2 cm. @ 60° Tr. py. 31-33.90 med. grey, uniform, sl. shd, consid. sericite finer grd. 31.0-31.90 2x 2cm. @ 10-30° & 6 cm @ 80° Tr. py. 33.90-52.77 more siliceous, med. grey, mass., uniform. 38.12-38.40 some irreg. Q. blebs & f. str., Tr. f. py. @ 35.0 1cm. Q. @ 70° Tr. py. 44.0-45.30 Test Sample 45.50-46.0 5cm, & 1/2 cm smokey Qtz str. Tr. py & pyrr. 40.50-41.0 Qtz. along core Tr. py. 48.50-49.0 1cm Qtz @ 45° 1% py. 52.77-53.14 finer grd, silicd	4517	3.41 (11.1')	4.0 (13.1')	.59 (2.0')	10			
			4518	10.0 (32.0')	10.24 (33.6')	.24 (.8')	Nil.			
			4519	15.30 (49.3')	16.0 (52.5')	.80 (2.6')	140(004)			
			4520	21.75 (71.4')	22.15 (72.7')	.40 (1.3')	510(015')			
			4521	28.0 (91.8')	29.0 (95.1')	1.0 (3.3')	30			
			4522	29.60 (97.1')	30.0 (98.4')	.40 (1.3')	Nil.			
			4523	31.0 (101.7')	31.90 (104.7')	.90 (3.0')	100(003)			
			4524	33.12 (108.7')	33.50 (110.0')	.38 (1.2')	Nil.			
			4525	34.86 (114.3')	35.22 (115.6')	.36 (1.2')	Nil.			
			4526	44.0 (144.4')	45.50 (149.2')	1.50 (4.8')	Nil.			
			4527	45.50 (149.3')	46.0 (150.9')	.50 (1.6')	30			
			4529	40.50 (132.9')	41.0 (134.6')	.50 (1.6')	Nil.			
			4528	48.50 (159.1')	49.0 (160.7')	.50 (1.6')	Nil.			

DIAMOND DRILL RECORD

NAME OF PROPERTY DESANTIS PROJECT

HOLE NO. 87-54 SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		Au ^g	g	OZ./TON	OZ./TON
				FROM	TO	TOTAL				
		GRANODIORITE: (cont'd)								
		@ 52.90 173.5 1/2 cm Q.C. @ 20° Tr. v. f. py.								
62.77	63.29	DIABASE: med. grey green, mg. chilled contact @ 30°	LAB Sample No. 4530	52.77 (173.0)	53.14 (174.4)	.37 (1.4')	30			
63.29	65.10	GRANODIORITE: as before								
65.10	75.0	GABBRO: li.-med. grey green, c.g., highly alt'd abundant cor b. speckling.								
		@ 67.22 220.5 1/2 cm Q.C. @ 10° Tr. v. f. py.		4531	67.0 (220.0)	67.40 (221.0)	.140 (1.0')	Nil.		
		@ 69.72 228.7 3 cm. Q.C. @ 70° Tr. v. f. py.								
		@ 70.02 229.6 3 cm. Q.C. @ 65° Tr. v. f. py.								
		@ 70.20 230.3 1/2 cm Q.C. @ 15° Tr. v. f. py.		4532	69.60 (228.3)	70.38 (230.9)	.78 (2.6')	Nil.		
		@ 72.22 236.9 1 cm smokey Qtz. f. silic @ 50° sparse py. f. 2 cm silic @ sparse py.		4533	72.0 (236.2)	72.50 (237.9)	.50 (1.7')	Nil.		
		@ 73.19 240.1 12 cm. smokey Qtz. f. silic @ 50° sparse py.		4534	73.0 (239.5)	73.50 (241.1)	.50 (1.6')	Nil.		
		E.O.H. 75.0 m. (246.0)								

DIAMOND DRILL RECORD

NAME OF PROPERTY DELABRIDGE MINES LTD.
 HOLE NO. 87-55 LENGTH 43.25 m (142.0')
 LOCATION DESANTIS PROJECT TURNBULL TWP
 LATITUDE 53° 16' 2" DEPARTURE W 3° 52' W
 ELEVATION -3.0' AZIMUTH 109° DIP -75°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-55 SHEET NO. 1

REMARKS logged metric
 checked & verified: R. Howes

LOGGED BY J. Miller June 10/87

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	FOOTAGE			%	%	OZ/TON	OZ/TON
				SUPHIDES	FROM	TO				
0	7.25	DIABASE: Olivine, dk. grey to black, m.g., well sh ^d , and broken.								
	23.8	30-4.0 Ground Core								
	9.8	13.1								
	18.0	2.3								
7.25	43.75	GRANODIORITE: li. grey, pinkish, granular, hi. silic ^d , mod sh ^d , @ 20-50° to core, Tr. f. py. several hair like to 1/2 cm Qtz. & Calcite str.								
	143.5									
		@ 11.50 37.7 2cm Q.C. chloritic incls., Tr. f. py.								
		@ 11.60 38.0 8cm. Q.C. smokey good mass. py. @ 15°								
		14.50-15.50 Reddish								
		@ 15.25 50.0 8cm of 10% Qtz. Tr. py.								
		@ 15.50 50.8 becomes li. to med. grey								
		@ 19.0 62.3 6cm 10% Q.C. @ 30° Tr. f. py								
		19.25-63.14 li to med. grey, uniform, mod. sh ^d .								
		@ 25 42.0 1cm Q.C. @ 70° Tr. f. py.								
		@ 31.50 103.3 2x 1/2 cm Q.C. @ 30° Tr. f. py.								
		@ 33.0 108.2 12cm Q.C. Tr. f. py.								
		@ 35.0 114.8 1.5cm Q.C. @ 40° Tr. f. py								
		35.25-37.0 LAST CORE BREAK THROUGH.								
		38.0-38.75 2x 1/2 cm. Q.C. @ 50° Tr. py								
		42.0-43.0 TEST SAMPLE								
		137.8 141.0								
		E.D.H. 43.25 m								
			LAG SAMPLE							
			4501 7.25 8.50 1.25							
			(23.8)	(27.9)	(4.1)					
			4502 8.50 10.00 1.50							
			(27.9)	(32.8)	(4.9)					
			4503 10.00 11.50 1.50							
			(32.8)	(37.7)	(4.9)					
			4540 AT 11.50							
			4504 11.50 12.00 .50							
			(37.7)	(39.4)						
			4505 12.00 13.50 1.50							
			(39.4)	(44.3)	(4.9)					
			4506 13.50 14.00 .50							
			(44.3)	(45.9)						
			4507 14.0 14.50 .50							
			(45.9)	(47.6)	(1.7)					
			4508 14.50 15.00 .50							
			(47.6)	(50.1)						
			4509 15.00 15.50 .50							
			(50.1)	(52.6)						
			4510 15.50 16.00 .50							
			(52.6)	(55.1)						
			4511 16.0 17.25 1.25							
			(55.1)	(63.2)	(8.1)					
			4512 17.25 18.50 1.25							
			(63.2)	(72.3)	(9.1)					
			4513 18.50 19.50 1.0							
			(72.3)	(82.9)	(10.6)					
			4514 19.50 20.25 .75							
			(82.9)	(91.6)	(8.7)					
			4515 20.25 21.75 1.50							
			(91.6)	(102.3)	(10.7)					
			4516 21.75 23.0 1.25							
			(102.3)	(114.1)	(11.8)					

4350/4667 (.128 / .137) - specimens

DIAMOND DRILL RECORD

NAME OF PROPERTY DESANTIS PROJECT

HOLE NO. 87-57

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% RULPH IDES	FOOTAGE FROM TO TOTAL	g	%	oz/TON	oz/TON	
40.0	41.67 <i>136.4</i>	QUARTZ DIORITE: f.g., li. grey, highly siliceous, uniform, fairly massive, showing 5x1/2 cm. Qtz. str., @ 20-35° Tr. py.	Q 22		40.0 (131.2')	41.67 (136.7')	1.67 (5.5')	Nil		
41.67	45.50 <i>149.2</i>	GABBRO: granular, med. grey greenish, mod. sh ^d . 22, 2 f. 1cm Qtz. str. @ 30-45° plus numerous irreg. f. Qtz. str., Tr. py.	Q 23		42.0 (137.8')	45.0 (141.8')	1.0 (3.3')	Nil		
		42.0 - 44.0 <i>137.8 144.3</i>	Q 24		43.0 (141.1')	44.0 (144.4')	1.0 (3.3')	Nil		
		44.47 - 45.0 <i>145.9 147.6</i>								
		45.0 - 45.50 <i>149.2</i>								
45.50	55.0 <i>180.4</i>	GRANODIORITE: as before. 45.50 - 46.5 <i>152.5</i>								
		E.O.M. 55.0m. (180.4')								

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. 87-56 LENGTH 4m (13.1')
 LOCATION DE SANTIS PROJECT TURNBULL TWP.
 LATITUDE 3+675 DEPARTURE 3+59W
 ELEVATION -3.0' AZIMUTH 067° DIP -85°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-56 SHEET NO. 1

REMARKS Logged metric
checked and verified: P. Hwa

LOGGED BY J. Miller

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	4.0 13.1	DIABASE: Olivine, dk. grey greenish c.g. heavily broken. E.O.H. 4.0 m									

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD
 HOLE NO. 87-57 LENGTH 55.0 m. (180.4')
 LOCATION DESANTIS PROJECT TURNBULL TWP
 LATITUDE S 3+67 DEPARTURE W 3+59
 ELEVATION -3.0' AZIMUTH 067° DIP -70°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-57 SHEET NO. 1

REMARKS Logged metric

checked and verified: R. Hewson
 LOGGED BY R. Miller June 11/69

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	SIL PH IDES	FOOTAGE			Au %	%	OZ/TON	OZ/TON		
					FROM	TO	TOTAL						
0	5.80 19.0	DIABASE: Olivine, med. grey greenish, well shd, much broken core.											
5.80	6.51 21.4	GRANODIORITE: c.g., pink, sl. shd, shows some f. Qtz, str. Tr. py.	Q 9		5.80 (19')	6.51 (21.4')	.71 (2.4')	Nil					
6.51	9.15 30	DIABASE: as before contact @ 45°											
9.15	40.0 131.2	GRANODIORITE: c.g., med. grey pinkish, mod. shd, becomes med. grey from 11.0 9.15-10.0 some fine hair like Qtz. str. Tr. f. py. 10.0-11.25 fine Q.C. str. along core, Tr. py. 11.38-12.0 Q.C. along core Tr. py. @ 13.47 11.2cm Qtz. @ 25° Tr. f. py. @ 17.0 14cm Qtz. vein, @ 80°, milky, Tr. v. f. py. 21.0-21.50 2x1cm. Q.C. @ 40° Tr. v. f. py. 21.0-40.0 Becomes li. to med. grey, sl. shd, more uniform. 23.0-24.50 2x1cm f. 4x12cm. Q.C. along core Tr. py. f. cpy. 25.50-27.0 20, 6, 4, f. 12cm, Q.C. str., @ 10-40°, Tr. py. 29.50-30.0 Q.C. along core Tr. v. f. py. 30.25-30.75 Q.C. along core, Tr. f. py. 31.50-32.50 B f. 10 cm Q.C. @ 20° Tr. py. 32.50-34.0 fine Qtz. str. along core Tr. v. f. py. 34.25-34.65 Q.C. irreg. along core, Tr. py.	Q 8		9.15 (30.0')	10.0 (32.8')	.85 (2.8')	10					
			10		10.0 (32.8')	11.25 (36.9')	1.25 (4.1')	200					
			11		11.25 (36.9')	12.0 (39.4')	.75 (2.5')	150					
			12		13.0 (43.6')	14.0 (45.3')	.70 (1.7')	Nil					
			13		16.75 (55.0')	17.25 (56.6')	.50 (1.6')	Nil					
			14		21.0 (68.9')	21.50 (70.5')	.50 (1.6')	30					
			15		23.0 (75.5')	24.50 (80.4')	.50 (1.6')	Nil					
			16		25.5 (83.7')	27.0 (88.6')	1.5 (4.9')	240					
			17		29.50 (98.3')	30.0 (98.4')	.50 (1.6')	Nil					
			18		30.0 (98.4')	31.0 (101.7')	1.0 (3.3')	Nil					
			19		31.0 (101.7')	32.50 (106.6')	1.5 (4.9')	Nil					
			20		32.50 (106.6')	34.0 (111.5')	1.5 (4.9')	Nil					
			Q 21		34.0 (111.5')	35.0 (114.8')	1.0 (3.3')	Nil					

D-40

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. 87-58 LENGTH 81.0'
 LOCATION DESANTIS PROJECT
 LATITUDE 1734S DEPARTURE 3+72W
 ELEVATION _____ AZIMUTH 082° DIP -45°
 STARTED Aug. 8/87 FINISHED Aug. 11/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-58 SHEET NO. 1

REMARKS Logged in fact

checked and verified: R. Howe

LOGGED BY P. P. B. Sept 87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE			%	OZ/TON	OZ/TON
					FROM	TO	TOTAL			
0	9	CASING								
9	29	DIABASE: m.g., dk. grey greenish, badly broken, showing 50% core loss.								
29	38	GRANODIORITE: c.g., med. grey pinkish, siliceous, sl. sh ^d . 29.5-30.0 Lost CORE 30.0-56.0 m.g., med. grey greenish sl. chl., well sh ^d , sl. siliceous. 30.5-32.5 3x1/2" Q.C. str. @ 30°, Tr. f. py.								
33.0	35.0	CALCITE QTZ VEIN: Tr. f. py. 41% cpx @ 34.5	L2401		30.5	32.5	2.0'	30		
			02		33.0	33.5	0.5'	NIL		
			03		33.5	34.0	0.5'	50		
			04		34.0	35.0	1.0'	40		
35.0	61.0	GRANODIORITE m.g., med grey as before 35.0-36.5 3x1/2" Q.C. str @ 35-60° Tr. f. py. @ 38.0 1" Cq. @ 60° N.M. @ 49.0 1" Qtz & silice, @ 45 N.M. 56-61.0 Hybrid contact zone, breccia, patchy silice Tr. v. t. py.	05		35	36.5	1.5'	NIL		
			06		37.5	38.5	1.0'	NIL		
			07		49.5	49.5	1.0'	70		
61.0	81.0	GABBRO: c.g., med. grey greenish, med. sh ^d , heavy cork speckling. @ 68.5 1/2" Q.C. @ 30° Tr. cpy. @ 69.5 5" Qtz vein, @ 85° Tr. f. py. & cpy.	L2409		68.5	69.0	0.5'	20		
			L2408		69.0	69.5	0.5'	NIL		

E.O.H. @ 81.0'

D-41

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. 87-59 LENGTH 126.0'
 LOCATION DE SANTIS PROJECT
 LATITUDE 14345 DEPARTURE 3+72 W
 ELEVATION _____ AZIMUTH 082° DIP -65°
 STARTED July 12/87 FINISHED Aug. 23/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-59 SHEET NO. 1

REMARKS checked and verified: R. Brown

LOGGED BY R. Brown Aug 10/87
SRG

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	9.0	CASING									
9.0	25.0	DIABASE: c.g., dk. grey green, badly broken 10.5-14.0 Ground core. 16.0-25.0 " "									
25.0	26.0	GRANODIORITE: m.g., med. grey pinkish, badly broken									
26.0	40.0	GROUND CORE:									
40.0	41.0	QTL. VEIN: @ 45°, pinkish, some host rock incls., Tr. py. f. cpy.	L2442		40.0	41.0	1.0'	10			
41.0	76.2	GRANODIORITE: m.g., med. grey pinkish slshg, uniform. 41-42.0 1" f 2x1/2" Q.C. @ 50° Tr. py. @ 45.5 1" Q.C. @ 35° Tr. f. py. 47.5-48.5 Q.C. @ 30° Tr. py, Tr. chl. incls. @ 49.0 1" Q.C. Tr. f. py. 53-58.0 5x1/2" Q.C. str. @ 30° Tr. f. py. @ 70 1" brecc. Q.C. Tr. py.	43 44 45 46 47 48		41.0 45.0 47.5 48.5 53.0 69.5	42.0 46.0 48.5 49.5 58.0 70.5	1.0' 1.0' 1.0' 1.0' 5.0' 1.0'	Nil Nil 30 20 Nil 72.			
76.2	86.5	GABBRO: c.g., li. grey, uniform, fairly massive, much carb. speckling. 76.2-77.2 Q.C. brecc. chl. incls., Tr. f. py.			76.0	77.5	1.5'	Nil.			
86.5	92.0	GRANODIORITE: m.g., med. grey, sl. pinkish, slshg, gabbroic altg	L2449								
92.0	126.0	GABBRO: as above.									

D-42

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD. (DASANTIS PROJECT)

HOLE NO. 87-59

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
		GABBRO (cont'd.)									
	109-110	4" Q.C. breccia, Tr. f. py.	L2450		109	110	1.0'			.004	
	111-112.5	80% Q.C. @ 35° Tr. f. py & cpy.	51		111	112.5	1.5'			Tr.	
	113.0-114.0	2x 2" Q.C. @ 40° Tr. f. py, some chl. incls.	52		113.0	114.0	1.0'			.006	
	115.0-117.0	Q.C. breccia, chl. incls., @ 30° Tr. f. py.	L2459		115.0	117.0	2.0'			Nil.	
		E.O.H. 126.0'									

D-43

DIAMOND DRILL RECORD

NAME OF PROPERTY DELAIOGE MINES LTD.
 HOLE NO. 87-510 LENGTH 95'
 LOCATION DESANTIS PROJECT Turbull Twp.
 LATITUDE 1734S DEPARTURE 3+74W
 ELEVATION _____ AZIMUTH 068° DIP -45°
 STARTED Sept. 5/87 FINISHED Sept. 8/87

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH

HOLE NO. 87-510 SHEET NO. 1

REMARKS Logged in feet
Checked and verified: R. Jawa

LOGGED BY J. Miller Sept 5/87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	FOOTAGE		%	%	OZ/TON	OZ/TON
				FROM	TO				
0	9	CASING							
9	26.5	DIABASE, diabasic gabbro. m.g., med. to dk. gray green, uniform, very blocky.							
	10-12	L.C.							
	16-18	L.C.							
	19-21	L.C.							
	24-26	L.C.							
	26.5-27.0	Q.C. pink, sugary @ 70° Tr. f. py. f. cpy	L2202	26.5	27.0			.003	
	27-30	2" 2x1", 2" 2x1/2" Q.C. pinkish @ 30-45° Tr. f. py. f. cpy	03	27.0	30.0			.003	
	30-31	L.C.							
	@ 31	1" Q.C. @ 40° Tr. f. py. (pinkish)	04	31.0	32.0			Nil	
	@ 31.5	3" Q.C. @ 45°							
26.0	52.5	GRANODIORITE, f.g., li. gray greenish, silicified, uniform, mod. sh. & fractured.							
	45-49	2x1" f. 3x1/2" Q.C. @ 20-40° Tr. py. f. cpy.	05	45.0	47.0			Nil	
	@ 50	1 1/2" Q.C. @ 60° Tr. py.	06	49	50			.011	
52.5	95.0	GABBRO c.g. med. gray green, uniform, sh. sh. & much carb speckling showing some felsic incls.							
	@ 70.0	3" silic. Tr. py.	07	69.5	70.5			Nil	

E.D.H. 95.0'

D-474

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBIDGE MINES LTD
 HOLE NO. 87-511 LENGTH 101'
 LOCATION DESANTIS PROJECT TURNBULL TWP.
 LATITUDE 1734S DEPARTURE 3474W.
 ELEVATION _____ AZIMUTH 068° DIP -65°
 STARTED Sept. 12/87 FINISHED Sept. 26/87

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 87-511 SHEET NO. 1

REMARKS Logged in log
Checked and verified: R. Hewitt

LOGGED BY JEM/issur at 10/87

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	SULPHIDES	FOOTAGE		PPB	%	OZ/TON	OZ/TON
					FROM	TO				
0	8	CASING								
8	40.5	GRANODIORITE: med. gray, med. grnd., badly broken core, lge. Q. phenos, faint digested felds.								
		8.5-10 Lost core								
		13.0-18.0 " "								
		19.0-21.0 " "								
		26.0-27.0 " "								
		28.0-30.0 " "								
		30.5-35.0 " "								
		35.5-38.0 " "								
40.5	101	GABBRO: f-m.g., med. grey greenish, hi. alt., chloritic, well shd.								
		46.0-47.0 4" & 1" Q.C. @ 30° with good py. along contacts	Q 36		46.0	47.0	1.0'	20		
		52-53 1" Q.C. @ 30° Tr. f. py	37		52.0	53.0	1.0'	10		
		@ 70.0 2" Q.C. @ 30° Tr. f. py.	38		69	70	1.0'	50/60		
		75-75.5 2" & 1" Q.C. @ 30° good py. on contact.	39		75.0	75.5	.05'	30		
		75.5-84 patches of porphyritic texture..								
		84-101 li. grey porphyritic.								
		98.5-99.5 1/2" Qtz. str. along core, Tr. f. py. & sp.	40		98.5	99.5	1.0'	NIL		
		101' E.O.H.								

D-45

DIAMOND DRILL RECORD

NAME OF PROPERTY DELBRIDGE MINES LTD.
 HOLE NO. 87-512 LENGTH 74.0'
 LOCATION DESANTIS PROJECT TURNBULL TWP.
 LATITUDE 04515 DEPARTURE 3+71 W
 ELEVATION -12' AZIMUTH 90° DIP -45°
 STARTED OCT 10/87 FINISHED OCT 12/87

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH

HOLE NO. 87-512 SHEET NO. 1

REMARKS Logged in field.

checked and verified: R. Howard

LOGGED BY J. Miller Oct. 19/87

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	SIL PH IDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	8	CASING									
8	31	GRANODIORITE: f-m.g. med. to dk. gray green, mod. shd, lge. Q. phenos, faint digested felds.									
31.0	74.0	GABBRO: li. grey green, hi. alt ^g , well shd 31.0-38.0 Numerous hair like Q.C. str ^s , Tr. f. py.	41		31	34	3.0'	NIL			
			42		34	36	2.0'	NIL			
			43		36	38	2.0'	NIL			
			44		38	39	1.0'	NIL			
		©38.5 1 1/2" Q.C. @ 45° Tr. f. py. & cpy.									
		43.0-61.0 porphyritic sections, li. grey,									
		©52.5 5" Q.C. & silica, @ 45° Tr. f. py.	45		52	53	1.0'	NIL			
		61-74.0 li. grey, uniform, porphyritic									
		©72.5 1 1/2" Q.C. & silica, @ 60° Tr. f. py.	46		72	73	1.0'	NIL			
		74.0' E.O.H.									

D-46



SWASTIKA LABORATORIES LIMITED

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

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 66754

Date: June 8, 1987

Received June 3, 1987 77 Samples of Ore, Split Core, Whole Core, & Sawn Core

Submitted by Skytron Exploration & Development Ltd., Timmins, Ontario.

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
2041	Nil	2061	10	4507 ✓	Nil
2042	Nil	2062	1580/1370	4508 ✓	Nil
2043	Nil	2063	Nil	4509 ✓	10
2044	30/30	2064	Nil	4510 ✓	Nil
2045	Nil	2065	Nil	4511 ✓	10
2046	Nil	2066	Nil	4512 ✓	Nil
2047	Nil	2067	Nil	4513 ✓	40/50
2048	Nil	2068	Nil	4514 ✓	Nil
2049	30	2069	Nil	4515 ✓	Nil
2050	20	2070	Nil	4516 ✓	Nil
2051	Nil	2071	Nil	✓4517	10
2052	10	2072	Nil	✓4518	Nil
2053	Nil	2073	30	✓4519	140
2054	140	2074	Nil	✓4520	510/510
2055	Nil	4501 ✓	Nil	✓4521	30
2056	Nil	4502 ✓	Nil	✓4522	Nil
2057	Nil	4503 ✓	30/20	✓4523	100
2058	Nil	4504 ✓	Nil	✓4524	Nil
2059	90	4505 ✓	Nil	✓4525	Nil
2060	1270	4506 ✓	Nil	✓4526	Nil

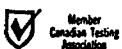
87-55

Hole 87-54

Hole 87-55

Con't....

Per G. Lebel
G. Lebel - Manager





SWASTIKA LABORATORIES LIMITED

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

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ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 66754

Page -2-

SAMPLE NO.	GOLD PPB
4527	30
4528	Nil
4529	Nil
4530	30
4531	Nil
4532	Nil
4533	Nil
4534	Nil
4535 ✓	610
4536 ✓	40
4537 ✓	Nil
4538 ✓	Nil
4539 ✓	Nil
4540 ✓	4350/4660
4541 ✓	2190/1890
4542 ✓	Nil
4543 ✓	Nil

Handwritten notes:
 Hole 87-54 (next to samples 4527-4534)
 Hole 87-3 (next to samples 4535-4543)
 87-5 (next to sample 4540)
 Hole 87-3 (next to sample 4541)

Per

G. Lebel
 G. Lebel - Manager



SWASTIKA LABORATORIES LIMITED

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ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 66804Date: June 12, 1987Received June 9, 1987 43 Samples of Split Core & Whole CoreSubmitted by Skytron Exploration & Development Ltd., Timmins, Ontario.

ATTENTION: R. Onotsky

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
4544 ✓	Nil	4567 ✓	Nil
4545 ✓	Nil	4568 ✓	130/110
4546 ✓	Nil	4569 ✓	Nil
4547 ✓	Nil	4570 ✓	Nil
4548 ✓	10/30	4571 ✓	Nil
4549 ✓	Nil	4572 ✓	Nil
4550 ✓	Nil	4573 ✓	Nil
4551 ✓	Nil	4574 ✓	Nil
4552 ✓	Nil	4575 ✓	Nil
4553 ✓	Nil	4576 ✓	Nil
4554 ✓	10	4577 ✓	10
4555 ✓	Nil	4578 ✓	10
4556 ✓	30/20	4579 ✓	Nil
4557 ✓	10	4580 ✓	Nil
4558 ✓	Nil	4581 ✓	Nil
4559 ✓	Nil	4582 ✓	Nil
4560 ✓	Nil	4583 ✓	Nil
4561 ✓	30/30	4584 ✓	Nil
4562 ✓	10	4585 ✓	Nil
4563 ✓	Nil	4586 ✓	30/30
4564 ✓	Nil		
4565 ✓	Nil		
4566 ✓	Nil		

Hole
87-53Hole
87-52Hole
87-52Hole
87-51Hole
87-51Per G. Lebel

G. Lebel - Manager



SWASTIKA LABORATORIES LIMITED

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 ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis



Certificate No. 67842

Date: Aug. 28, 1987

Received Aug. 18, 1987 44 Samples of Whole Core & Ore

Submitted by Skytron Exploration & Development Ltd., Timmins, Ontario.

ATTENTION: Mr. R. Onotsky

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
Q-01 ✓	Nil	L-2201 ✓	27700/29420 ²
02 ✓	Nil	2401 ✓	30
03 ✓	Nil	2402 ✓	Nil
04 ✓	20	2403 ✓	50
05 ✓	Nil	2404 ✓	40
06 ✓	10	2405 ✓	Nil
07 ✓	Nil	2406 ✓	Nil
08 ✓	10	2407 ✓	70
09 ✓	Nil	2408 ✓	Nil
10 ✓	200/100	2409 ✓	20
11 ✓	150/140	2442 ✓	10
12 ✓	Nil	2443 ✓	Nil
13 ✓	Nil	2444 ✓	Nil
14 ✓	30	2445 ✓	30
15 ✓	Nil	2446 ✓	20
16 ✓	240/110	2447 ✓	Nil
17 ✓	Nil	2448 ✓	30
18 ✓	Nil	A-4005	1170
19 ✓	Nil	A-4205	25920/25850
20 ✓	Nil	Second Pulp	34220/33810
21 ✓	Nil	2559	5900
22 ✓	Nil		
23 ✓	Nil		
24 ✓	Nil		

Per G. Lebel
 G. Lebel - Manager

timmins

D-51

Analytical Services
P.O. Box 842
McIntyre Road
Schumacher, Ontario
Canada P0N 1G0
Phone 705-264-5111

Hole 87-59

CERTIFICATE OF ANALYSIS

Samples of: CORE & CHIP

Date: September 16, 1987

No.: A-254-87

Samples from: 9178

Received: September 1987

Lab number	Shipper number	opt * Au FA					
	<div style="border: 1px solid black; padding: 5px;"><i>Hole 87-59</i> ✓2449 ✓2450 ✓2451 ✓2452 2453 2478 2479 NO TAG</div>	NIL .004 TR .006 NIL .649 .006 TR					
				* Checked by AA			

Per: *[Signature]*

Analytical Services
 P.O. Box 842
 McIntyre Road
 Schumacher, Ontario
 Canada P0N 1G0
 Phone 705-264-5111

CERTIFICATE OF ANALYSIS

Samples of: CHIP & CORE

Date: September 16, 1987

No.: A-254-87

Samples from: 9178

Received: September 1987

Lab number	Shipper number	opt * Au FA	opt Au FA RA				
	Hole 87-510	2202	.003				
		2203	.003				
		2204	RA	nil			
		2205	RA	nil			
		2206	.011				
		2207	nil				
		2465	.003				
		2466	.022				
		2467	.024				
		2468	.023				
		2469	.030				
		2470	.037				
		2471	.010				
		2472	.006				
		2473	.016				
		2474	.021				
		2475	.036				
	2476	nil					
	2477	.002					
				* Checked by AA			

Per: *[Signature]*



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
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 ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 68342 Date: Oct. 2, 1987

Received Sept. 30, 1987 11 Samples of Whole Core

Submitted by Skytron Exploration & Development Ltd., Timmins, Ontario.

ATTENTION: Mr. R. Onotsky

SAMPLE NO.	GOLD PPB
Q-25 ✓	30/30
26 ✓	Nil
27 ✓	Nil
28 ✓	30
29 ✓	20
30 ✓	70
31 ✓	Nil
32 ✓	70
33 ✓	450
34 ✓	4390/4940
Second Pulp ✓	3220/3570
35 ✓	790/670

*Hole
B2-59*

Per *G. Lebel*

G. Lebel - Manager



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Certificate of Analysis

Certificate No. 68683

Date: November 5, 1987

Received October 23, 1987 96 Samples of Split Core

Submitted by Skytron Exploration & Development Ltd., Timmins, Ontario

ATT: Mr. R. Onotsky

Page one of two

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
Q-36	20	D-561	Nil	D-581	Nil
37	10	562	10	582	30
38	50/60	563	20	583	Nil
39	30	564	140	584	20
40	Nil	565	Nil	585	80
41	Nil	566	Nil	586	410/330
42	Nil	567	30	587	Nil
43	Nil	568	Nil	588	30
44	Nil	569	670/710	589	Nil
45	Nil	570	30	590	140
46	Nil	571	40	591	60
47	Nil	572	Nil	592	Nil
48	Nil	573	Nil	593	50
49	Nil	574	Nil	594	Nil
50	Nil	575	Nil	595	Nil
D-556	40	576	Nil	596	Nil
557	Nil	577	10	597	30/20
558	Nil	578	Nil	598	Nil
559	110/120	579	330/120	599	Nil
560	10	580	110	600	Nil

Hole 87-511

Hole 87-512

Hole B2-510

Hole B2-58

Hole B2-56

Hole B2-56

Hole B2-59

Hole B2-59

Hole B2-59

Per G. Lebel
G. Lebel-Manager/rl



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
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Certificate of Analysis

Certificate No. 68683

Page 2

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
<u>Hole B2-59</u> L-2208	Nil	L-2235	30
2209	20	2236	Nil
2210	Nil	2237	30
2211	Nil	2238	440
2212	Nil	2239	2130/2190
2213	Nil	2240	20570/20640
2214	Nil	Second Pulp	17760/19200
2215	Nil	2241	70
2216	100	2242	30
2217	230	2243	10
2218	200		
2219	810/700		
2220	450		
2221	Nil		
2222	320		
2223	20		
2224	Nil		
2225	Nil		
2226	10		
<u>Hole B2-57</u> 2227	Nil		
2228	40/40		
2229	Nil		
2230	Nil		
2231	Nil		
2232	Nil		
<u>Hole B2-58</u> 2233	Nil		
2234	Nil		

Per G. Lebel

G. Lebel-Manager/rl



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
 TELEPHONE: (705) 642-3244 FAX: (705) 642-3300
 ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 68402Date: October 16 1987Received Sept. 30/87 76 Samples of split coreSubmitted by Skytron Exploration & Development Ltd., Timmins, Ontario

Att'n: Mr. R. Onotsky

Page 1 of 2

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
<u>Hole B2-52</u> D-501 ✓	20	D-522 ✓	Nil
502 ✓	Nil	523 ✓	Nil
503 ✓	Nil	524 ✓	Nil
504 ✓	Nil	525 ✓	Nil
505 ✓	30	526 ✓	Nil
506 ✓	Nil	527 ✓	Nil
507 ✓	30	528 ✓	Nil
508 ✓	Nil	529 ✓	30
<u>Hole B2-53</u> 509 ✓	30	530 ✓	Nil
510 ✓	Nil	531 ✓	Nil
511 ✓	50	532 ✓	70/ 30
512 ✓	440	533 ✓	Nil
513 ✓	570/ 600	534 ✓	20
514 ✓	50	535 ✓	Nil
515 ✓	Nil	536 ✓	Nil
516 ✓	100	537 ✓	Nil
517 ✓	30	538 ✓	100
518 ✓	Nil	539 ✓	Nil
519 ✓	Nil	540 ✓	30
520 ✓	110/ 110	541 ✓	90/ 100
521 ✓	20	542 ✓	20

Cont'd....

Per G. Lebel
G. Lebel -- Manager



SWASTIKA LABORATORIES LIMITED

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

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 68402

Page 2 of 2

*Hole
B2-55*

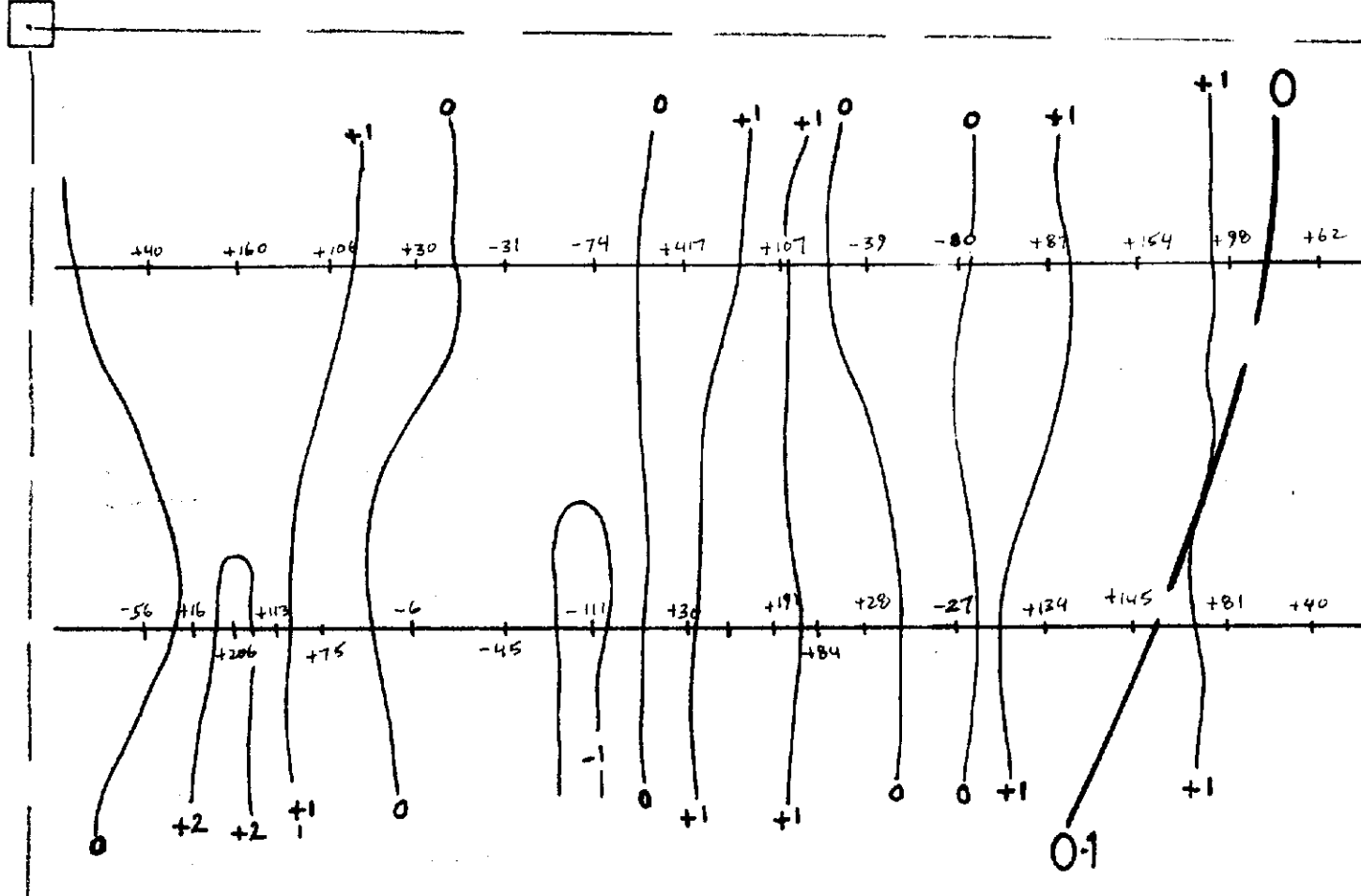
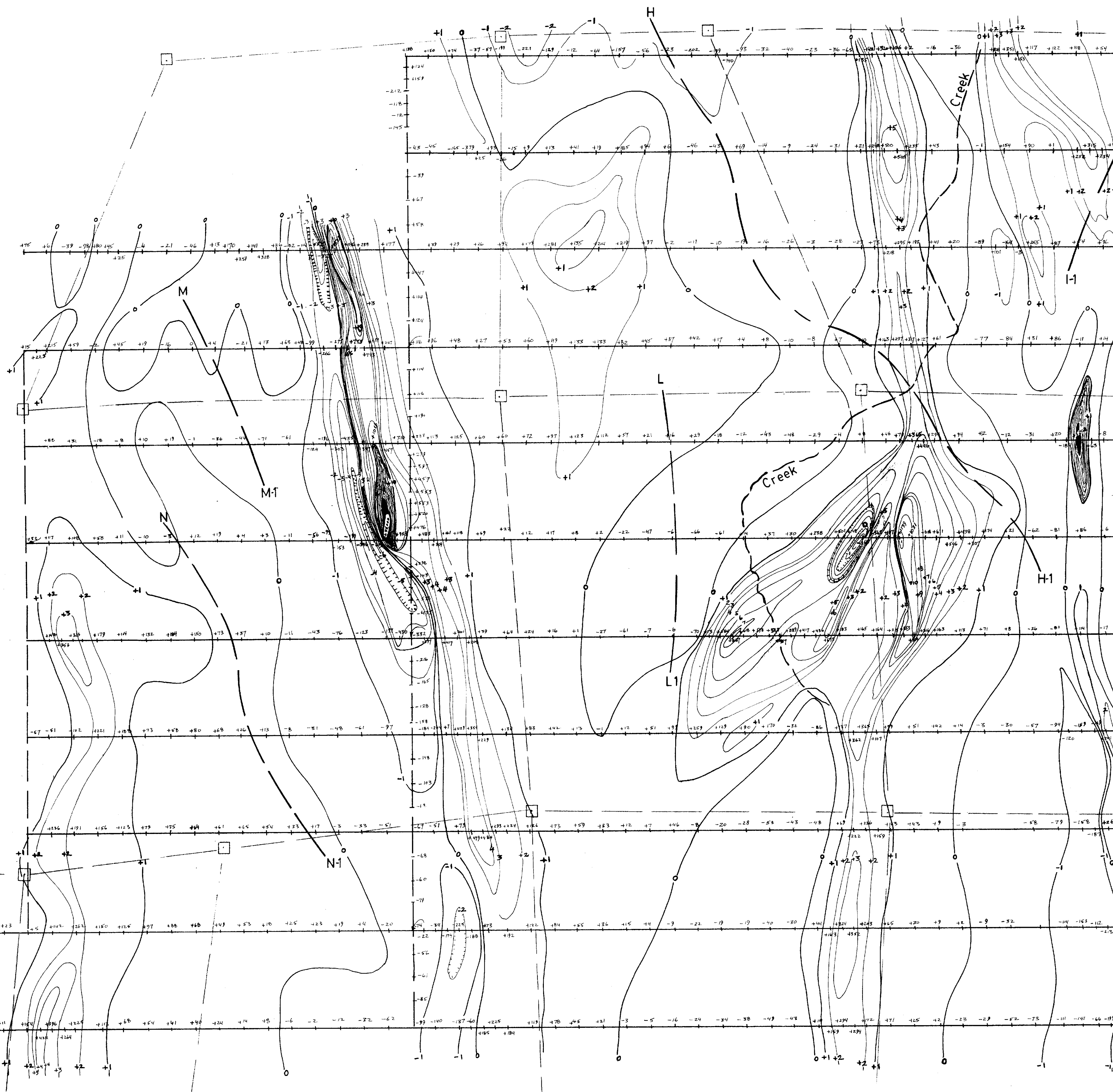
*Hole
B2-51*

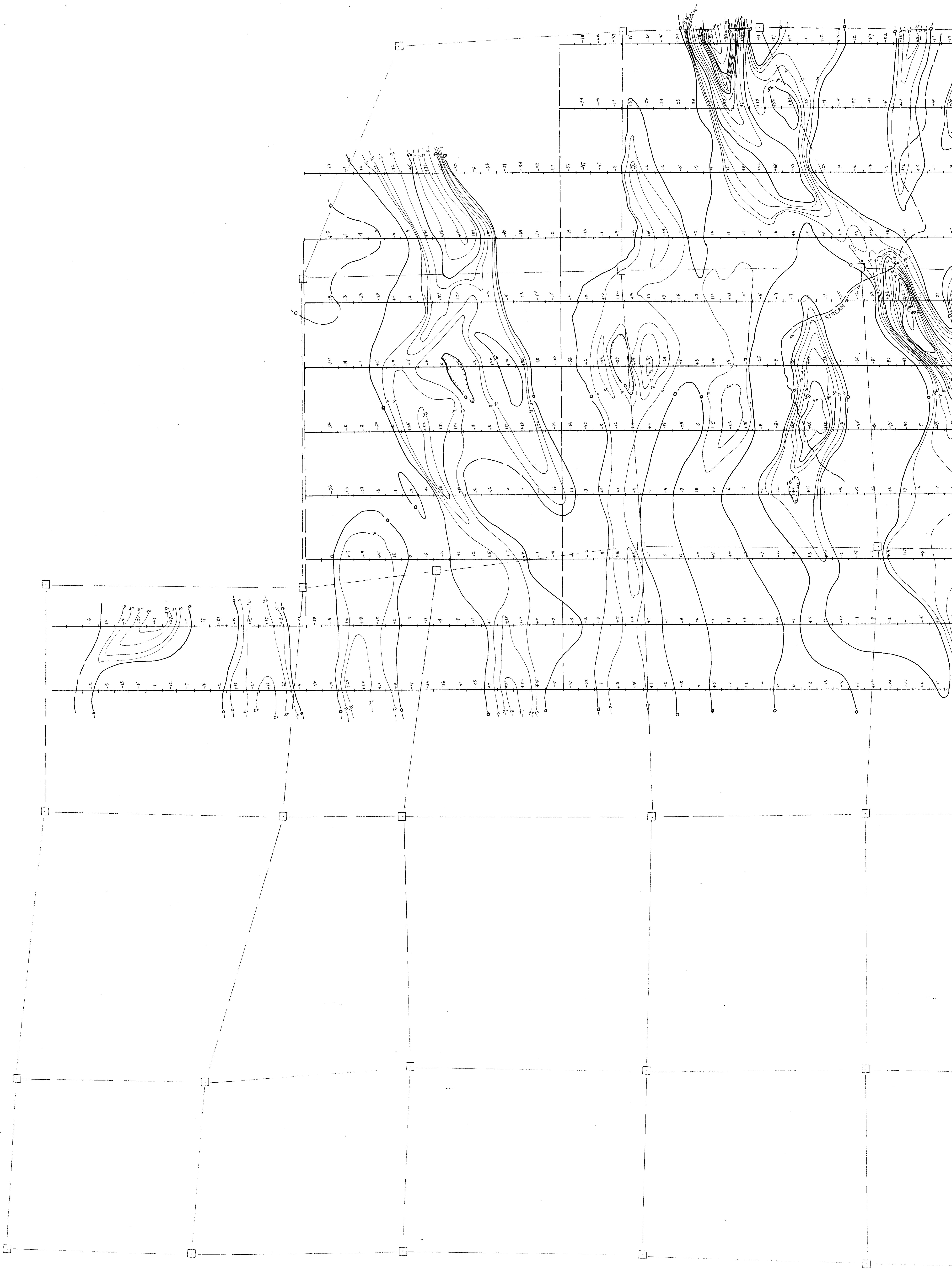
*Hole
B2-52*

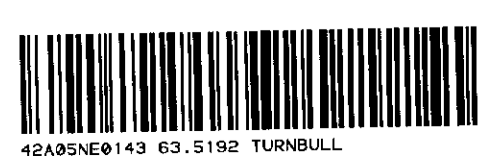
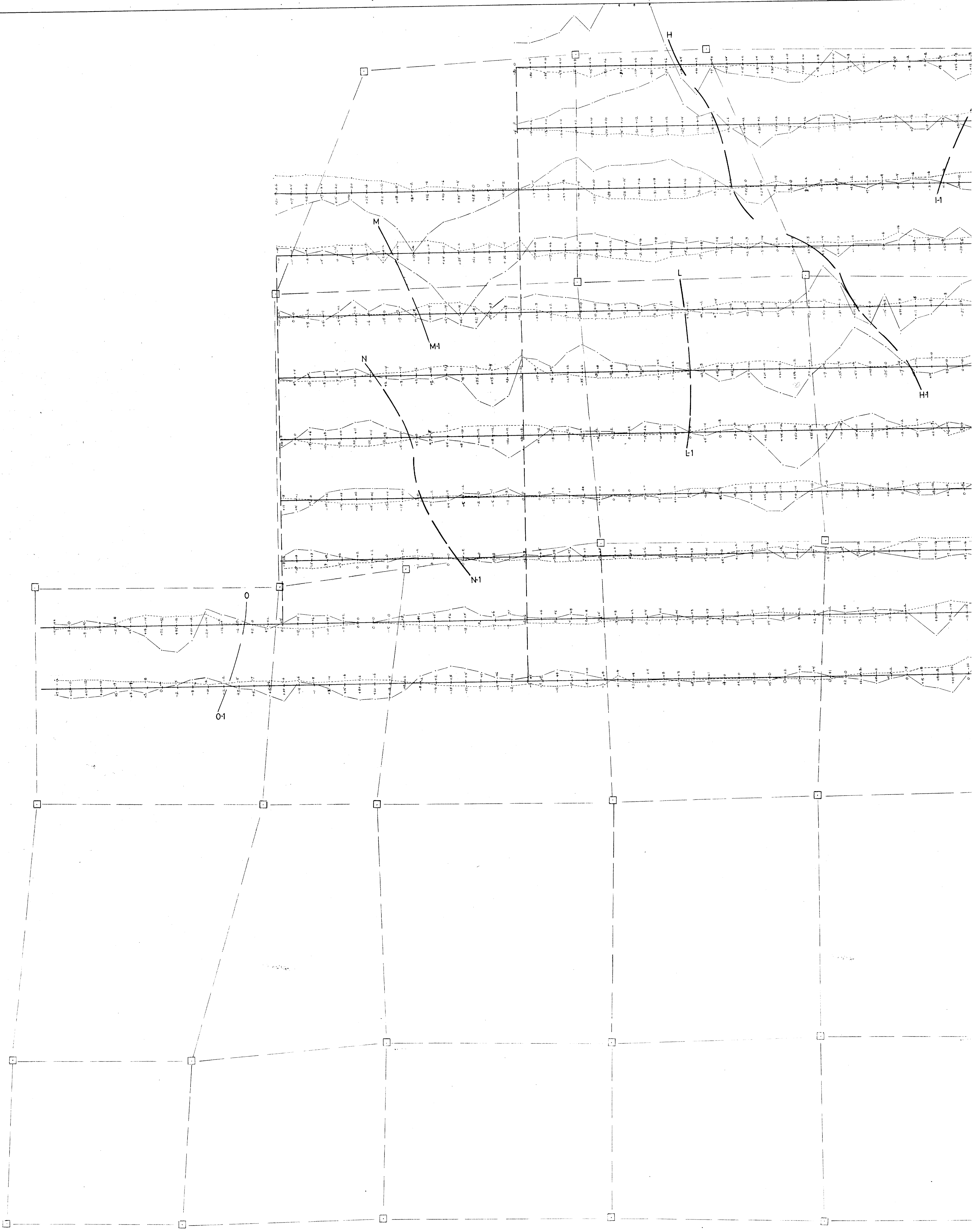
SAMPLE NO.	GOLD PPB
✓ 543	20
✓ 544	Nil
✓ 545	Nil
✓ 546	40
✓ 547	50
✓ 548	70
✓ 549	50
✓ 550	40
✓ 551	20
✓ 552	40
✓ 553	20
✓ 554	60/ 60
✓ 555	50
✓ L-2480	20
✓ 2481	20
✓ 2482	30
✓ 2483	320
✓ 2484	90
✓ 2485	10
✓ 2486	40

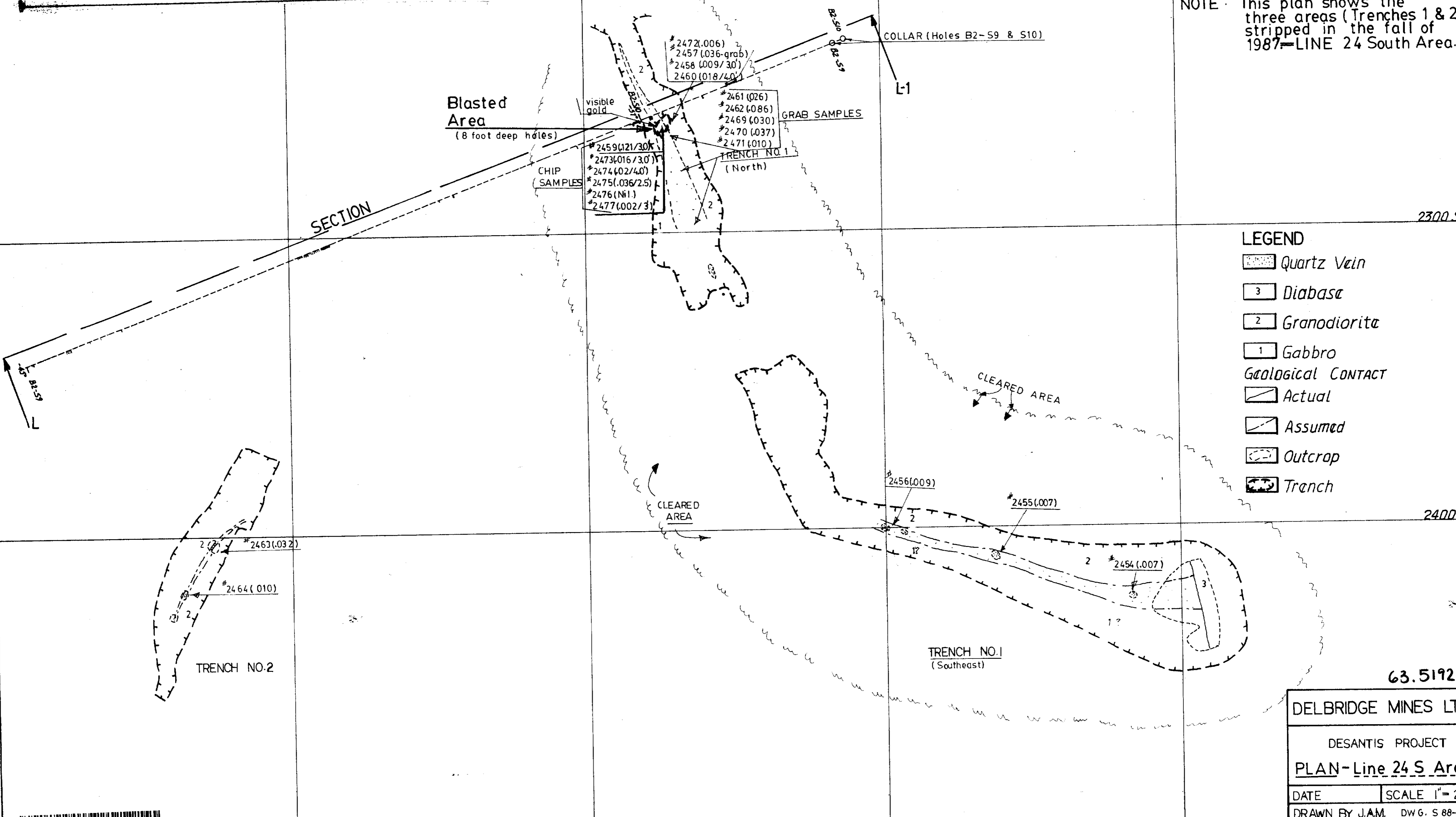
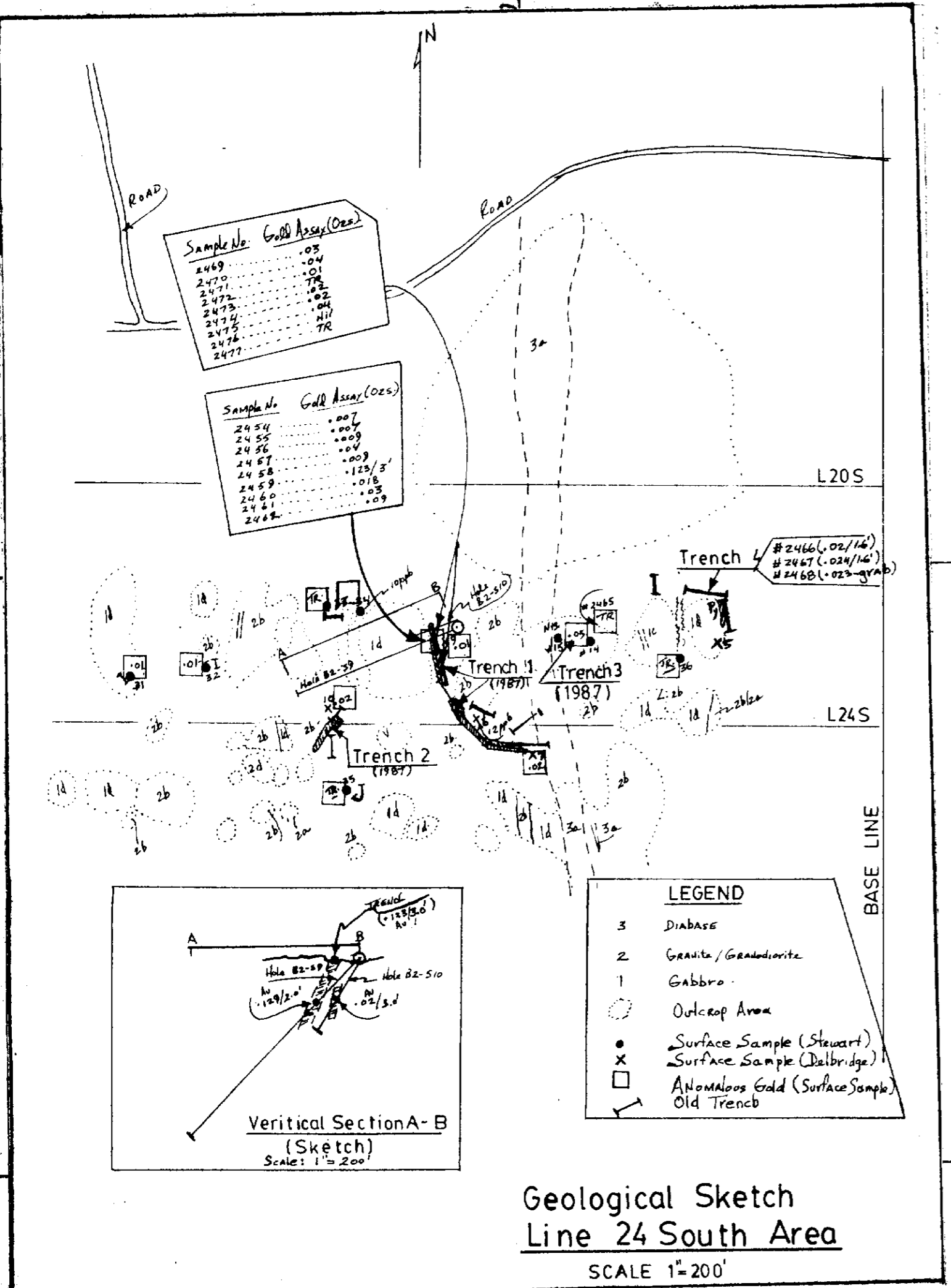
SAMPLE NO.	GOLD PPB
✓ L-2487	720/ 630
✓ 2488	210
✓ 2489	110
✓ 2490	Nil
✓ 2491	Nil
✓ 2492	140
✓ 2493	Nil
✓ 2494	Nil
✓ 2495	Nil
✓ 2496	Nil
✓ 2497	Nil
✓ 2498	10/ Nil
✓ 2499	Nil
✓ 2500	Nil

Per G. Lebel
G. Lebel -- Manager







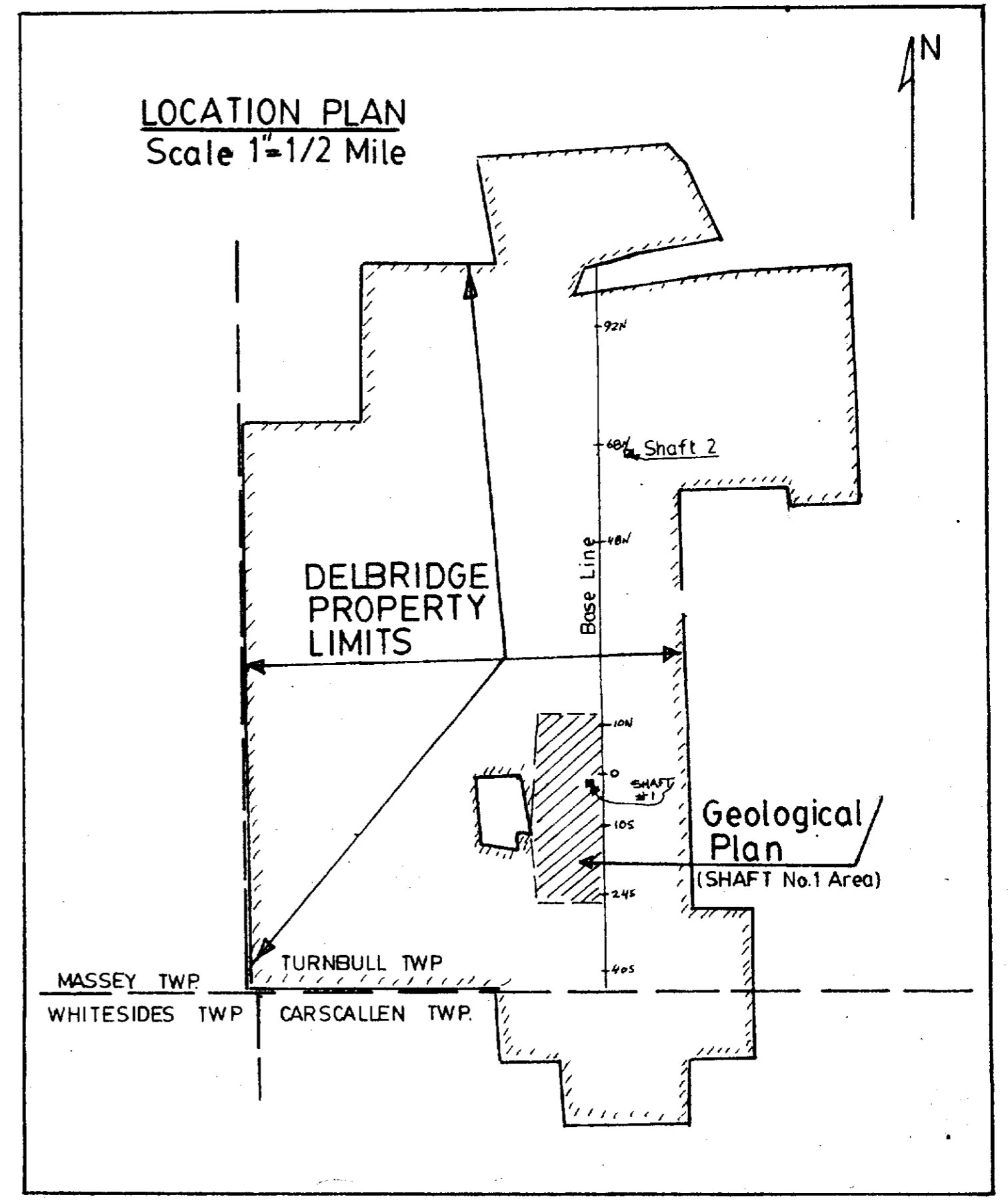
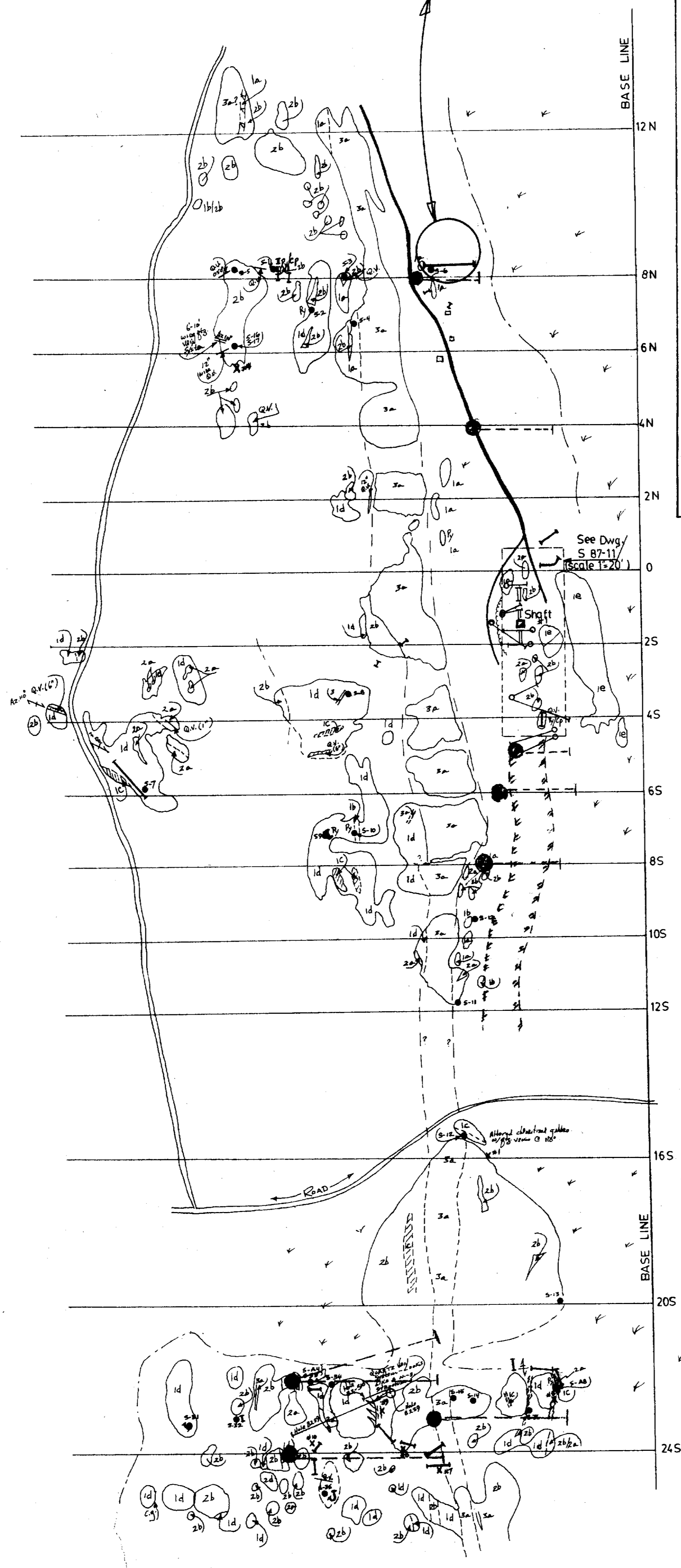


63.5192
 DELBRIDGE MINES LTD.
 DESANTIS PROJECT
 PLAN-Line 24 S Area
 DATE _____ SCALE 1"=20'
 DRAWN BY J.A.M. DWG. S 88-4





Blasted Bedrock
Water-filled Trench
TRENCH 8N-6W
Scale 1"=100'



LEGEND

- 3 Diabase
- 2a Granite/Aplite
- 2b Granodiorite
- 1a Diabasic Gabbro
- 1b Gabbro (silicified-altered)
- 1c Gabbro (pegmatitic or porphyritic)
- 1d Gabbro (fine-medium grained)
- 1e Dioritic Gabbro (foliated-felsic)
- Trench
- Q.V. Quartz Vein
- S Sample Site Number (1987-Stewart)
- x Sample Site (Delbridge)
- Outcrop
- Geological Contact (Observed)
- - - " " (Assumed)
- " " (Interpreted)
- Py/Cp Pyrite/Chalcopyrite
- Proposed diamond drilling 1988
- - - Proposed stripping/trenching 1988

GEOLOGICAL PLAN-No.1 Shaft Area

Delbridge Mines Ltd.
Turnbull Twp. Ont.
Scale 1"=200'
Dwg S 87-10
63.5192
DRAWN: R.V.S. - August 1987, Amended Aug. 24 & Oct. 17, 1987.
Revised Feb. 1988

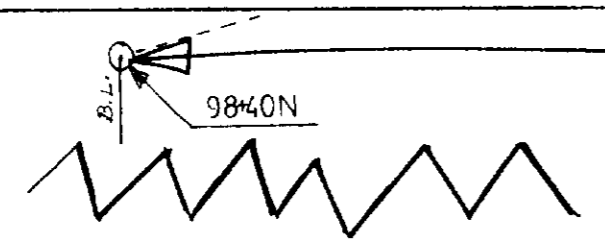




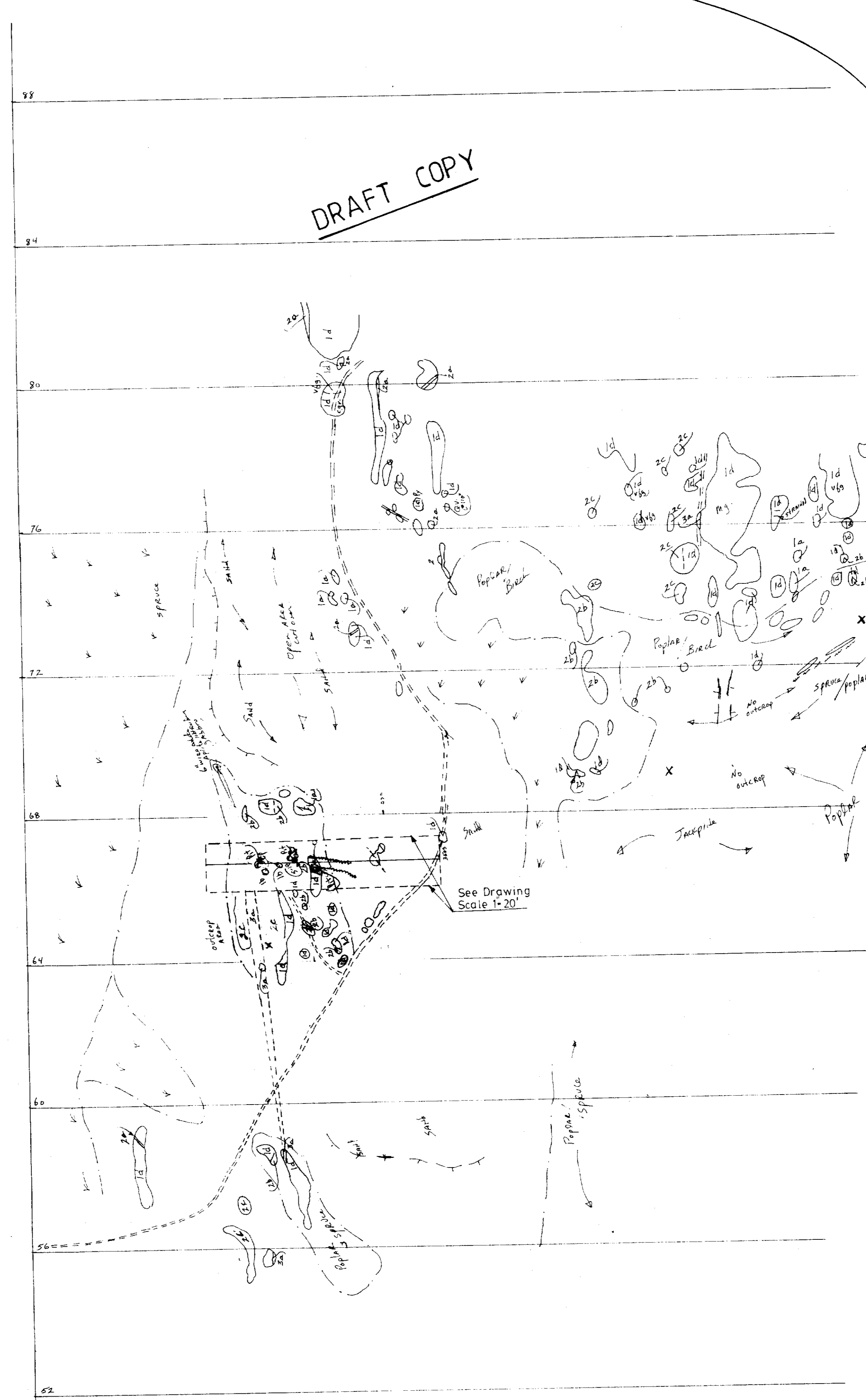
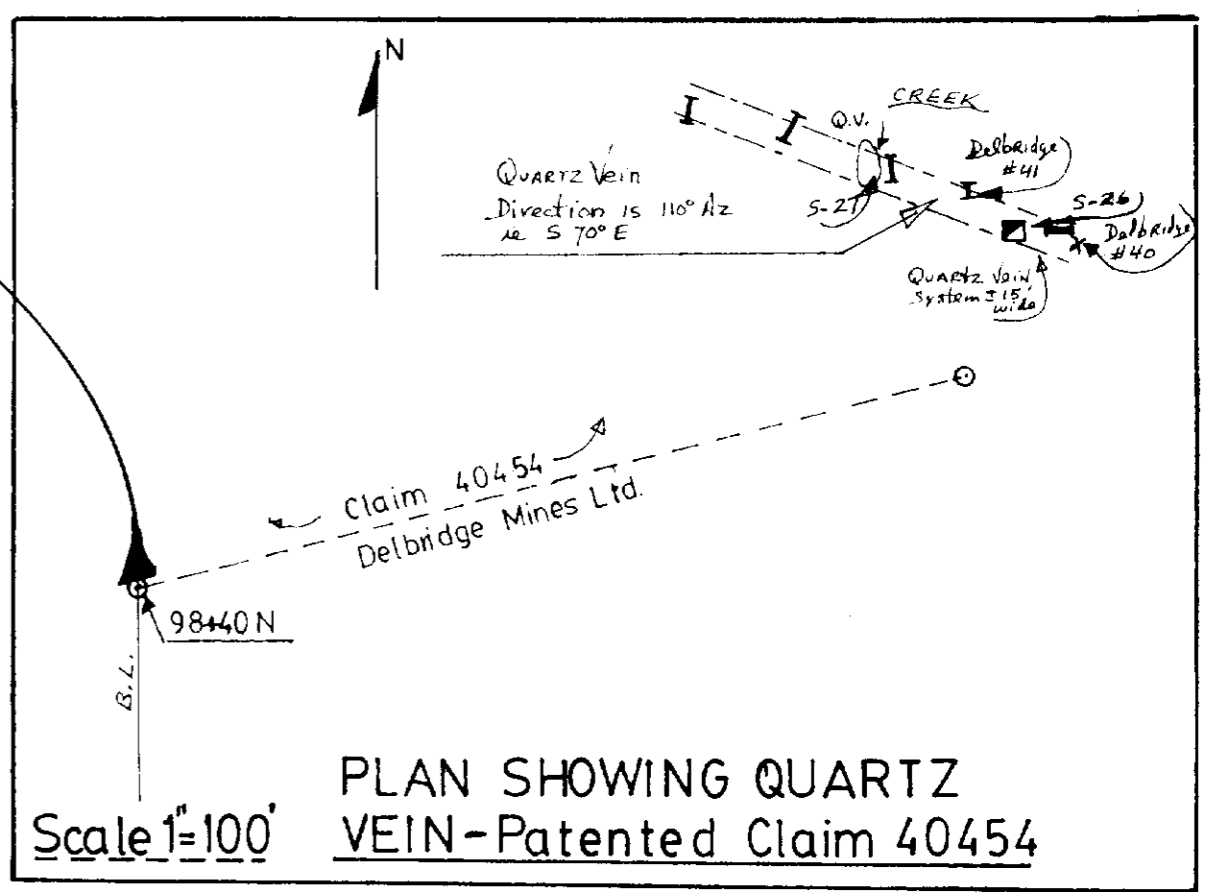
LEGEND

- Quartz Vein
- Diabase Dyke
- Granodiorite
- Diabasic Gabbro
- Dioritic Gabbro (foliate-d-felsic)
- Chalcopyrite, Malachite, Pyrite
- Quartz Vein
- Carbonate Vein
- Quartz/Carbonate Vein
- Outcrop
- Geological Contact (Assumed)
- Trench (blasted)
- Broken muck
- Sample location (mineralized quartz vein)
- Diamond Drill Hole (1987)
- Possible Quartz Vein (surface trace)
- AI Diamond Drilling Section

63.5192
 DELBRIDGE MINES LTD.
 De SANTIS PROPERTY- TURNBILL TWP. Ont.
 PLAN- SHAFT No. 1 AREA
 (Showing Geology And
 Drill Hole Locations)
 1987 Surveys DWG. S-87-11
 Drawn: A.M. & R.V.S. (1987) SCALE: 1:20



DRAFT COPY



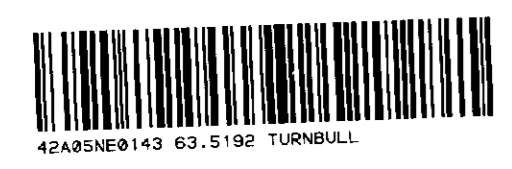
LEGEND

- 3 Diabase
- 2a Granite/Aplite
- 2b Granodiorite
- 1a Diabasic Gabbro
- 1b Gabbro (silicified, altered)
- 1c Gabbro (pegmatitic)
- 1d Gabbro (fine medium grained)
- 1e Dioritic Gabbro (foliated-felsic)
- I Trench
- Q.V. Quartz Vein
- S-1 Sample Site
- Py/Cp Pyrite/Chalcopyrite
- Outcrop
- Geological Contact (Observed)
- - - Geological Contact (Assumed)
- Proposed stripping/trenching(1988)

GEOLOGICAL PLAN - No 2 Shaft Area

Delbridge Mines Ltd.
Turnbull Twp, Ont.
Scale 1"=200'

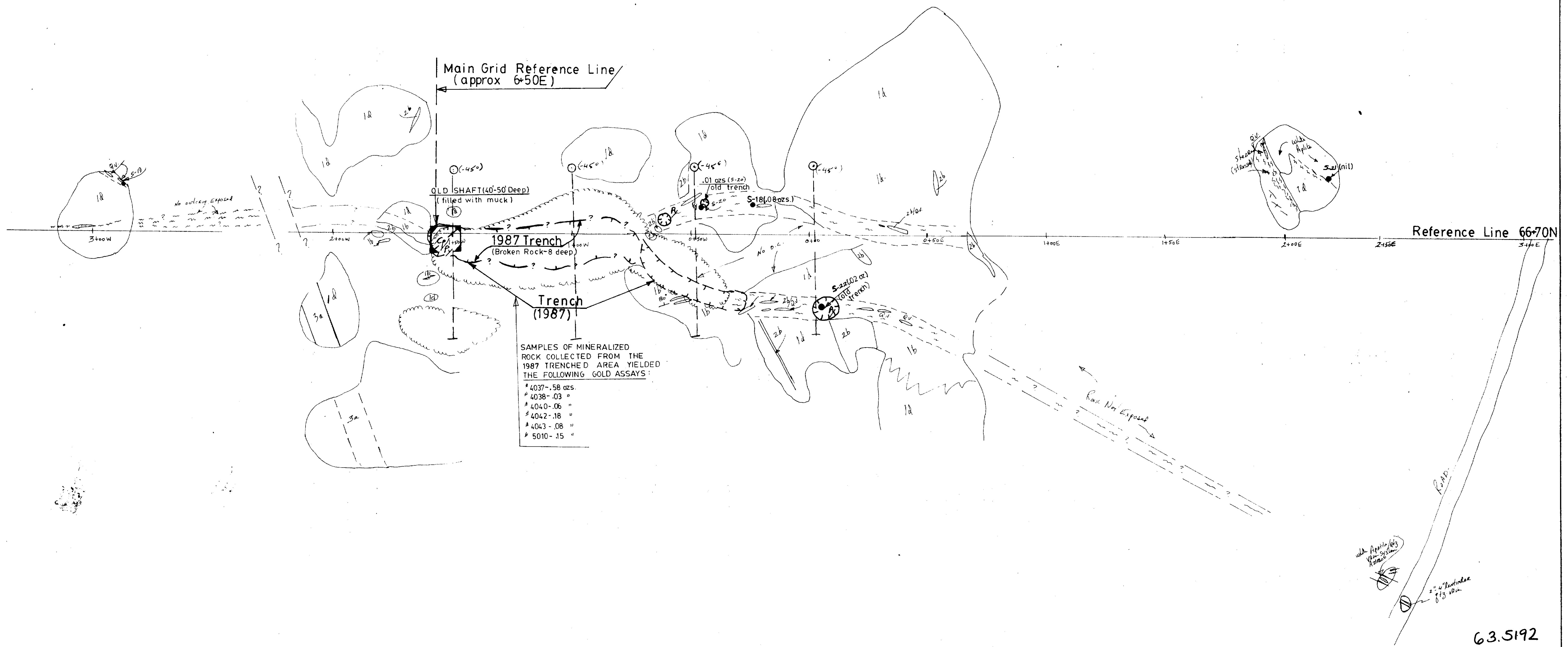
Drawn: RVS / Aug. 1987
Revised: F. B. / 1988
Dwg. S 87-12
63 5192



DRAFT PLAN

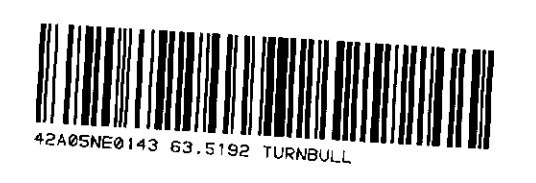
LEGEND

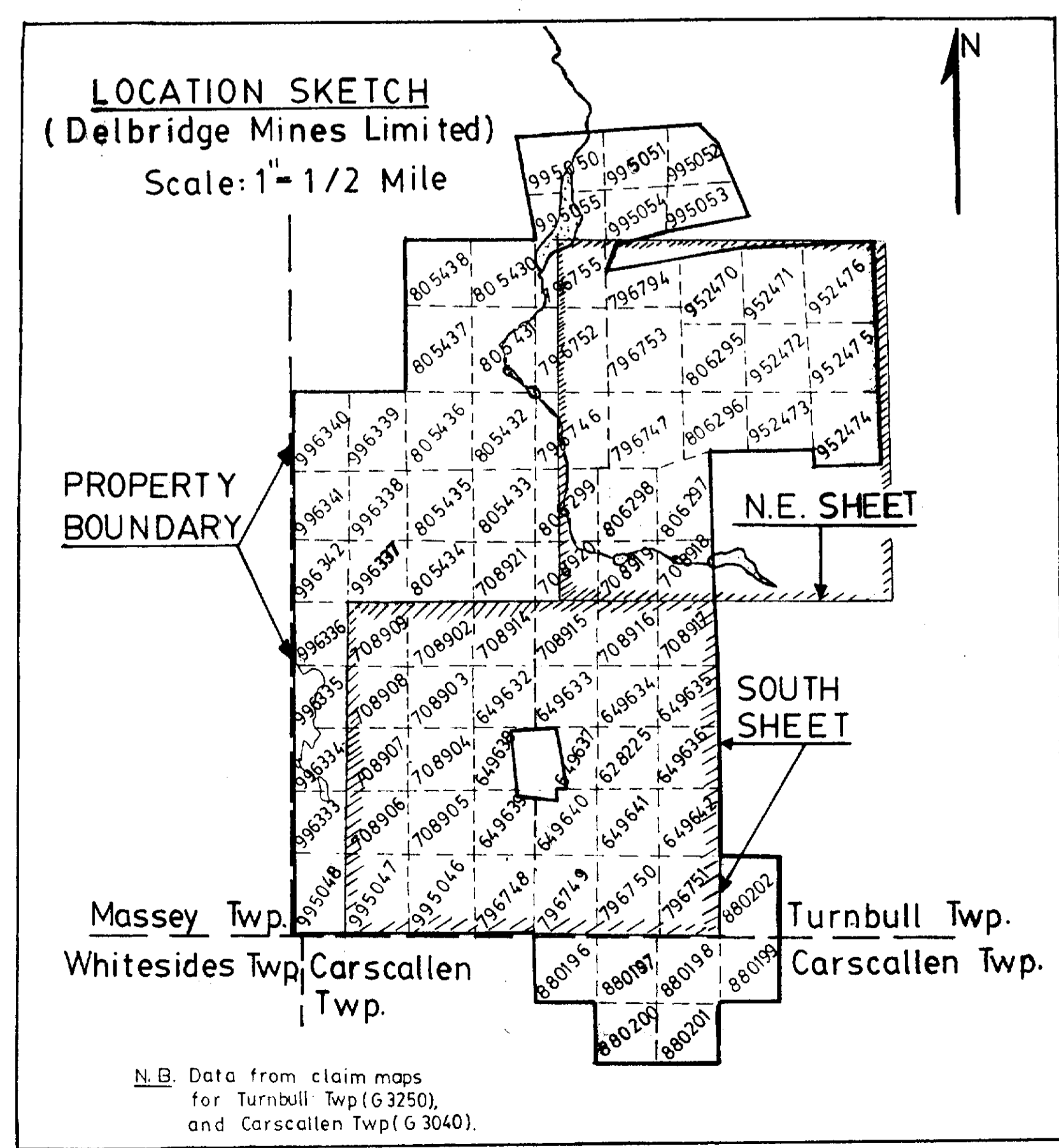
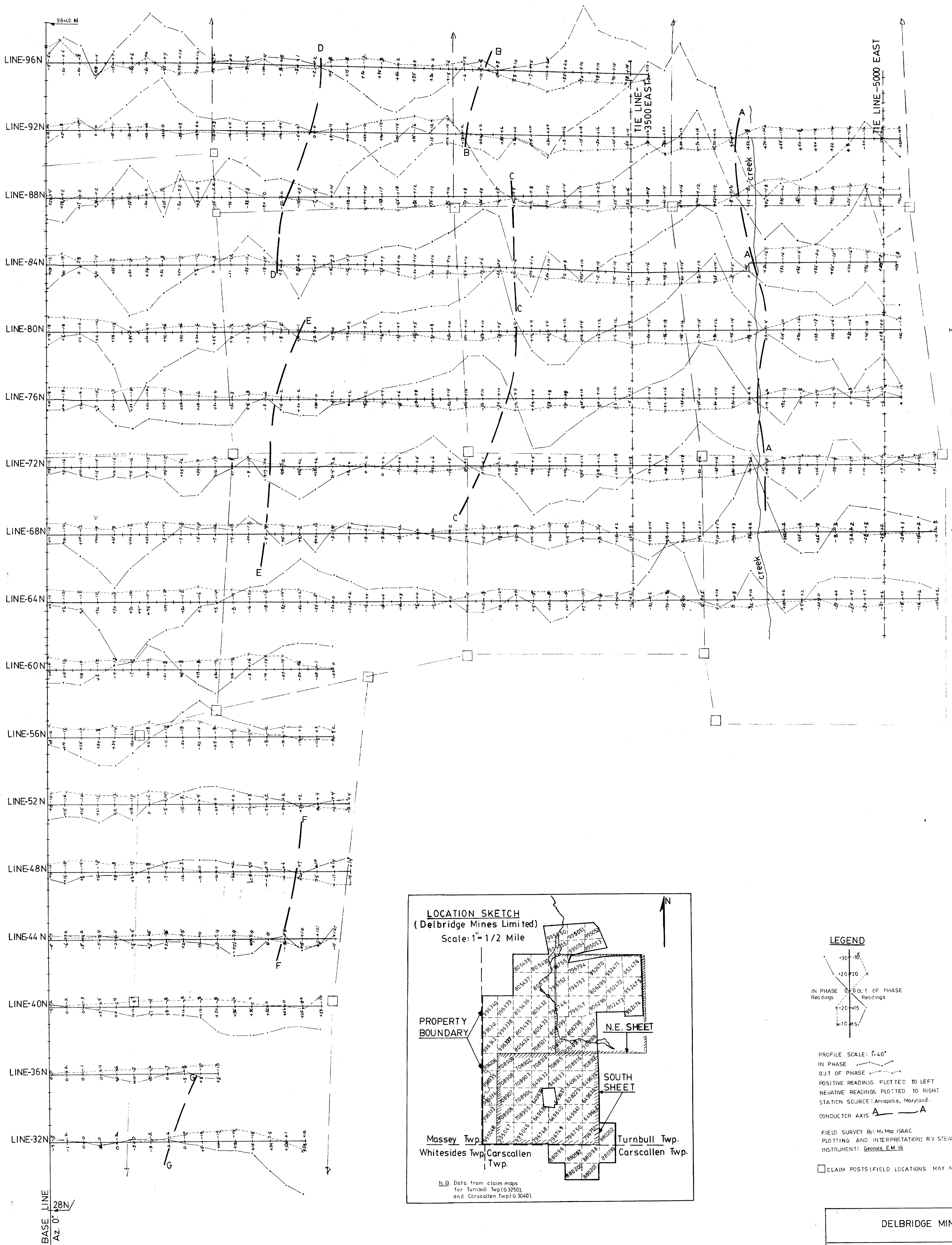
- ③ Diabase
- ②b Grandiorite or Aplite(2a)
- ①a Gabbro
- Q.V. Quartz Vein
- Shear Zone
- Unexposed (Broken Rock)
- Trench
- Outcrop
- PyCp Pyrite /Chalcopyrite
- Proposed 1988 Diamond Drilling



GEOLOGICAL PLAN No. 2 Shaft Area
 Delbridge Mines Ltd.
 Turnbull Twp., Ont.
 Scale: 1"=20'
 Dwg S. 87-13

63.5192





LEGEND

+30 -10
 +20 -20
 0 0 OUT OF PHASE
 -20 -15
 -10 -15

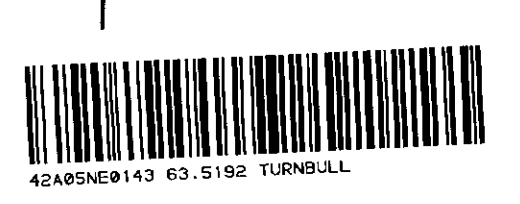
IN PHASE Readings
 OUT OF PHASE Readings

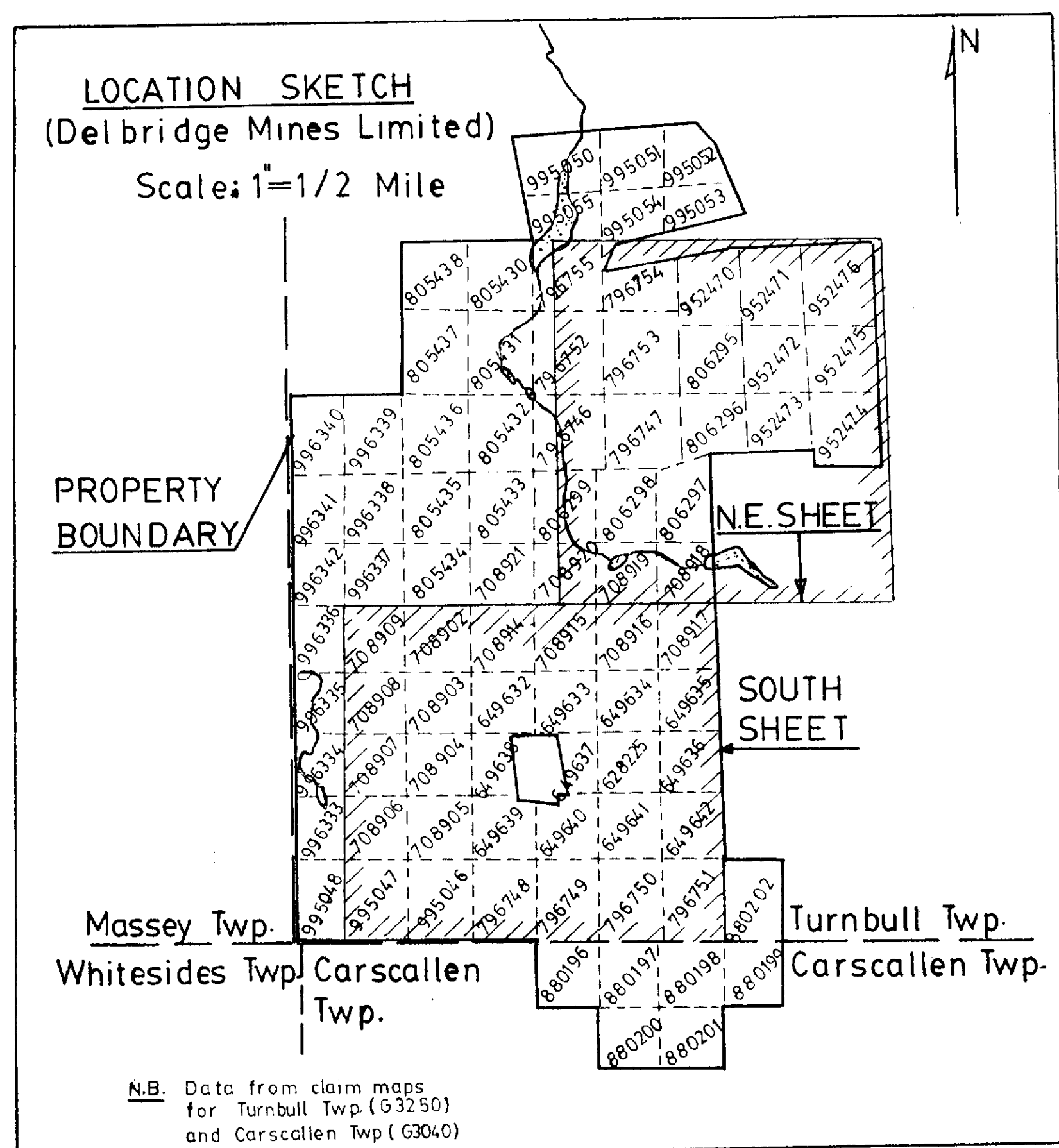
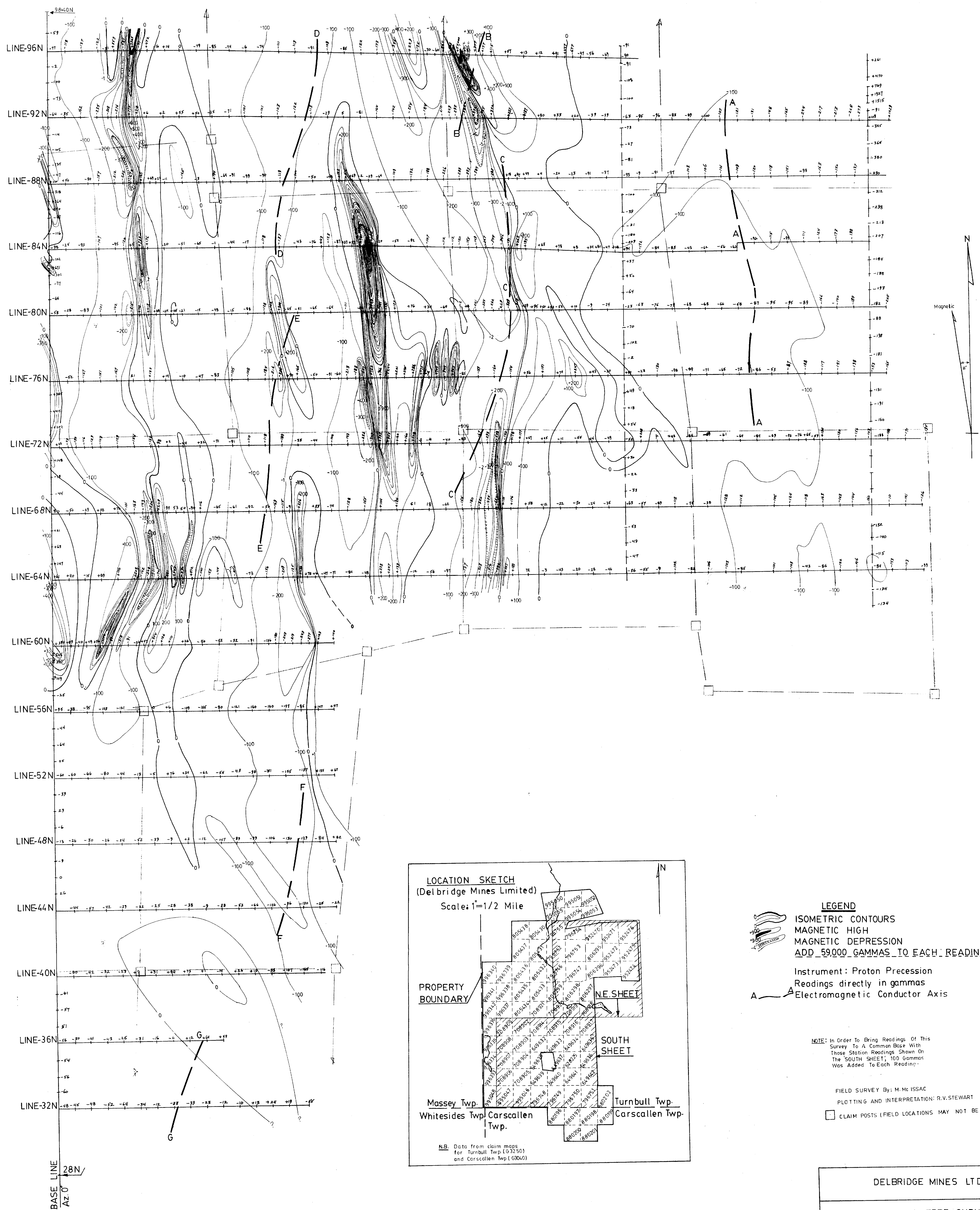
PROFILE SCALE: 1" = 40'
 IN PHASE
 OUT OF PHASE
 POSITIVE READINGS PLOTTED TO LEFT
 NEGATIVE READINGS PLOTTED TO RIGHT
 STATION SOURCE: Annapolis, Maryland.
 CONDUCTOR AXIS A — A

FIELD SURVEY BY: M. Mac ISAAC
 PLOTTING AND INTERPRETATION: R.V. STEWART
 INSTRUMENT: Geonics EM 16

CLAIM POSTS (FIELD LOCATIONS MAY NOT BE AS SHOWN)

DELBRIDGE MINES LTD.	
VLF EM SURVEY - N.E. Sheet - De SANTIS PROPERTY TURNBULL TWP., ONT. 63.5192	
AUGUST, 1987 SURVEY	DWG. S. 87-15
DRAWN: RVS. Sept 18 1987	SCALE 1" = 200'





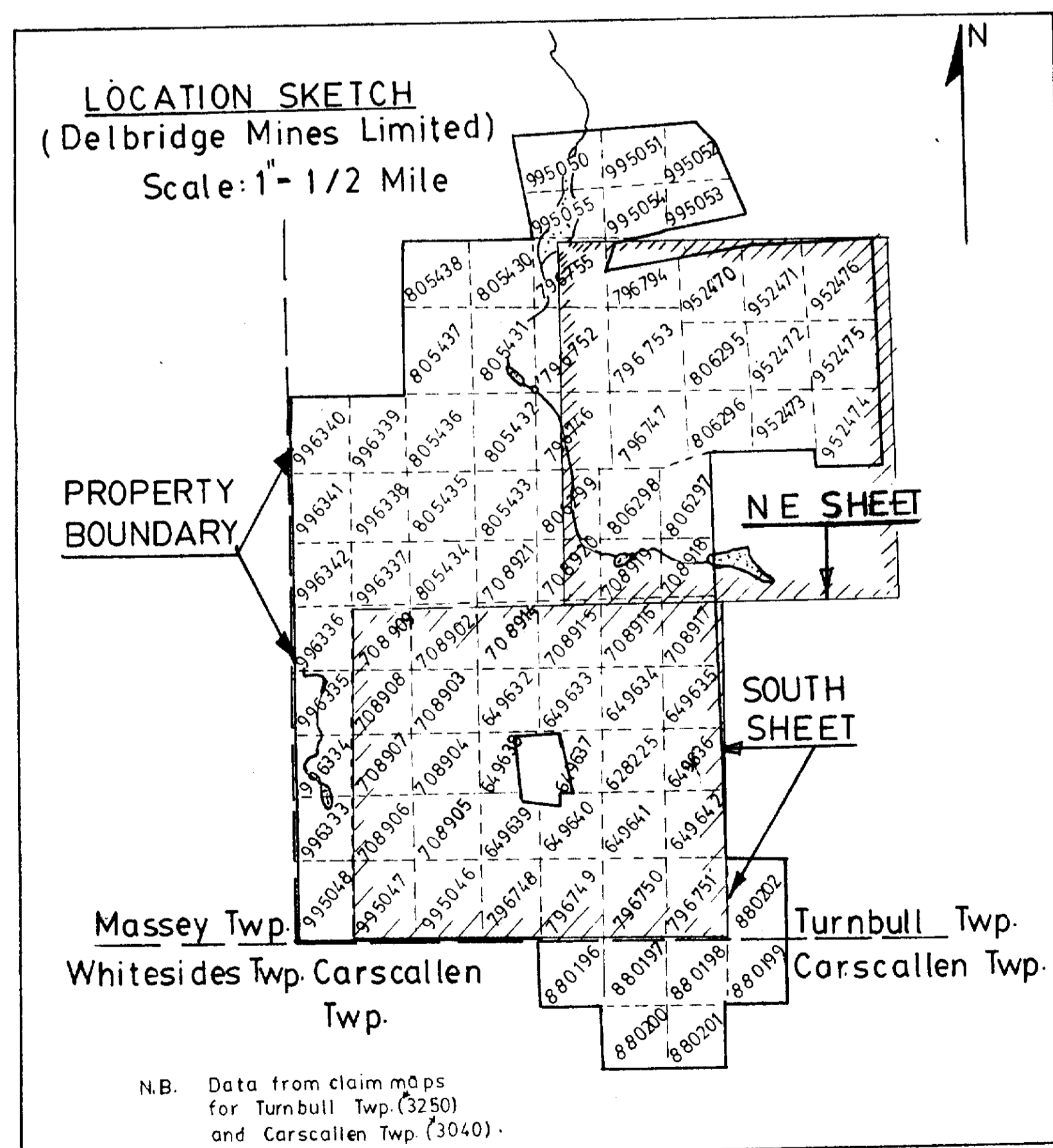
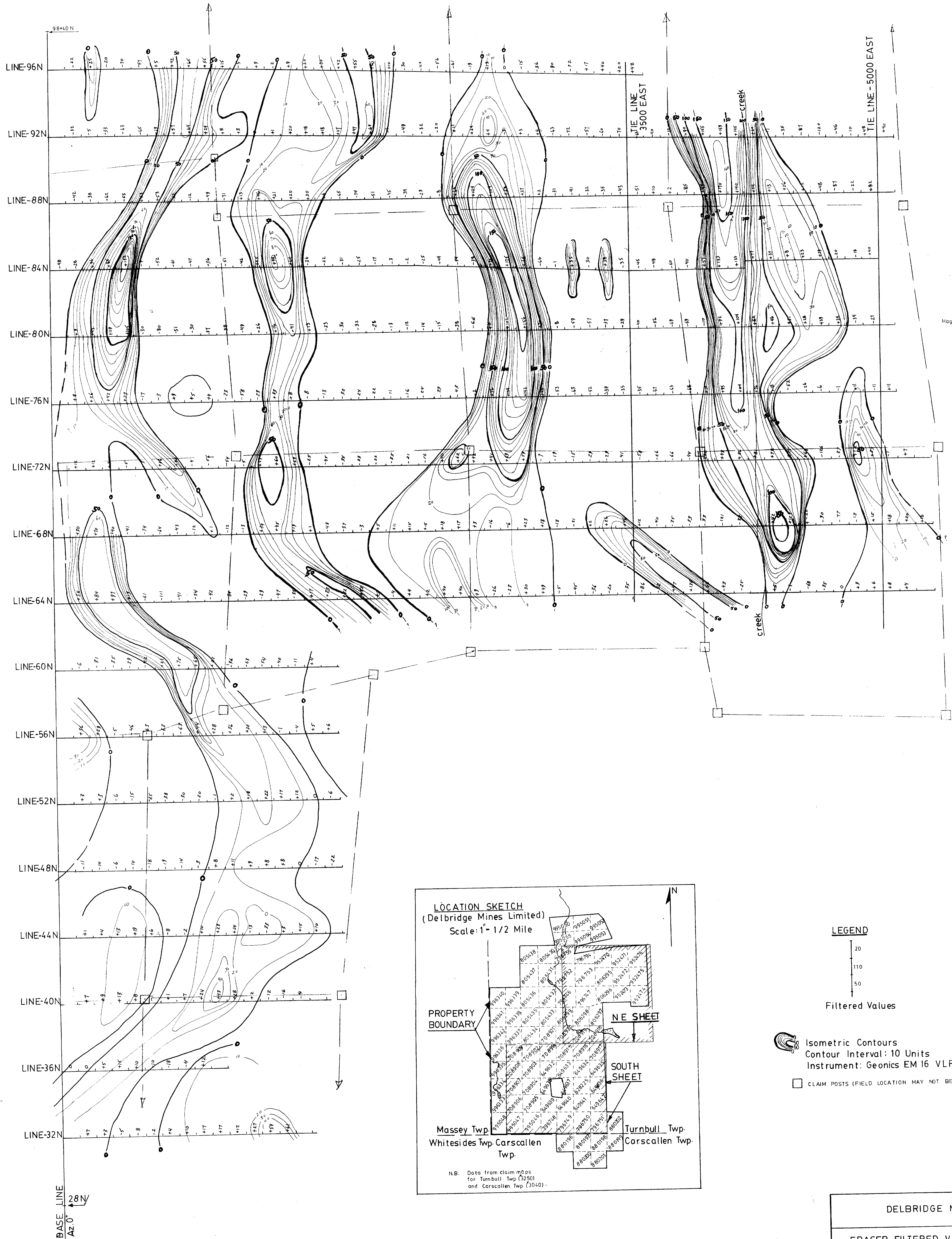
LEGEND

- ISOMETRIC CONTOURS
- MAGNETIC HIGH
- MAGNETIC DEPRESSION
- ADD 59,000 GAMMAS TO EACH READING
- Instrument: Proton Precession
- Readings directly in gammas
- Electromagnetic Conductor Axis

NOTE: In Order to Bring Readings of This Survey to a Common Base with Those Station Readings Shown on the 'SOUTH SHEET', 100 Gammas Was Added to Each Reading.

FIELD SURVEY BY: M. Mc ISSAC
PLOTING AND INTERPRETATION: R.V. STEWART
 CLAIM POSTS (FIELD LOCATIONS MAY NOT BE AS SHOWN)

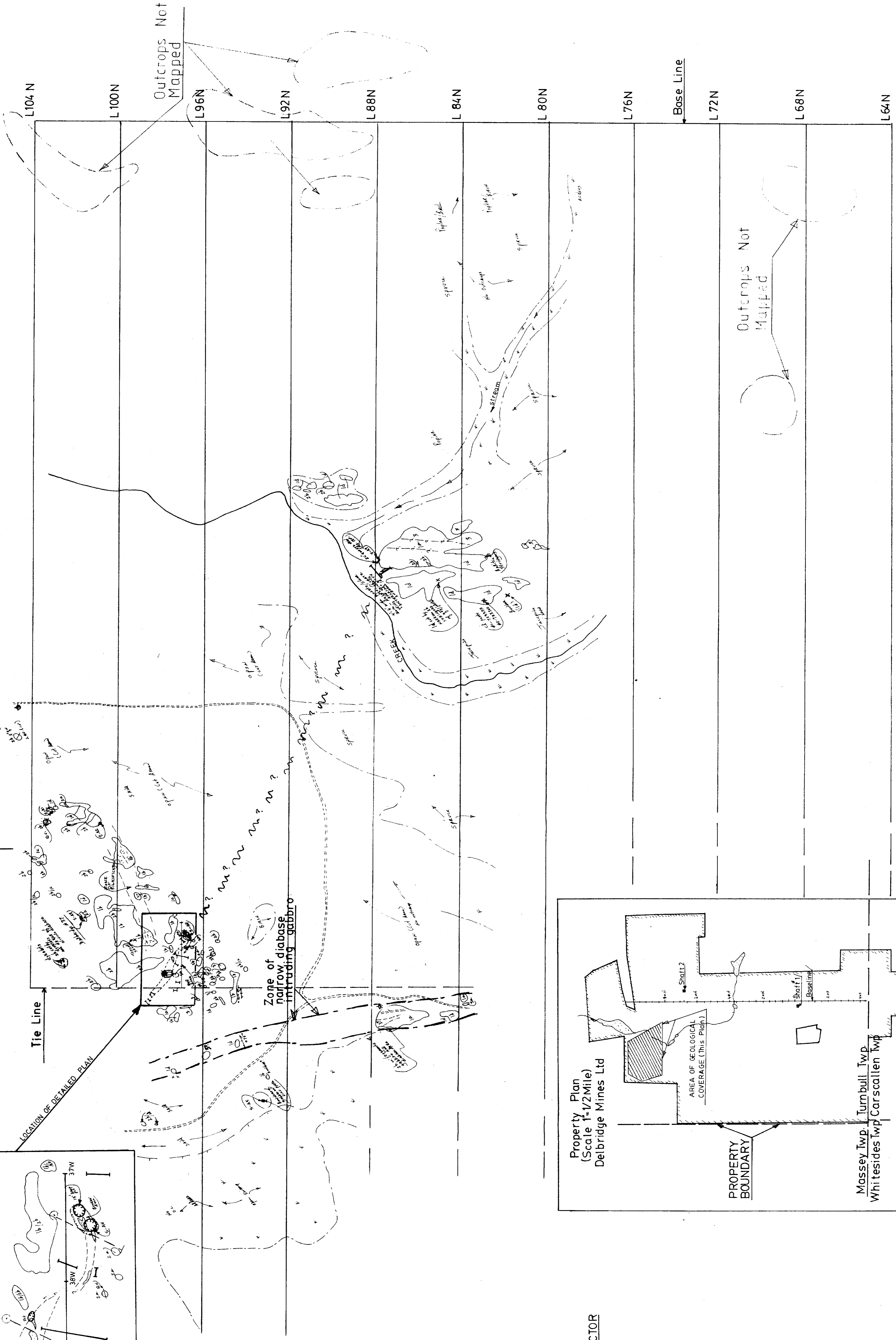
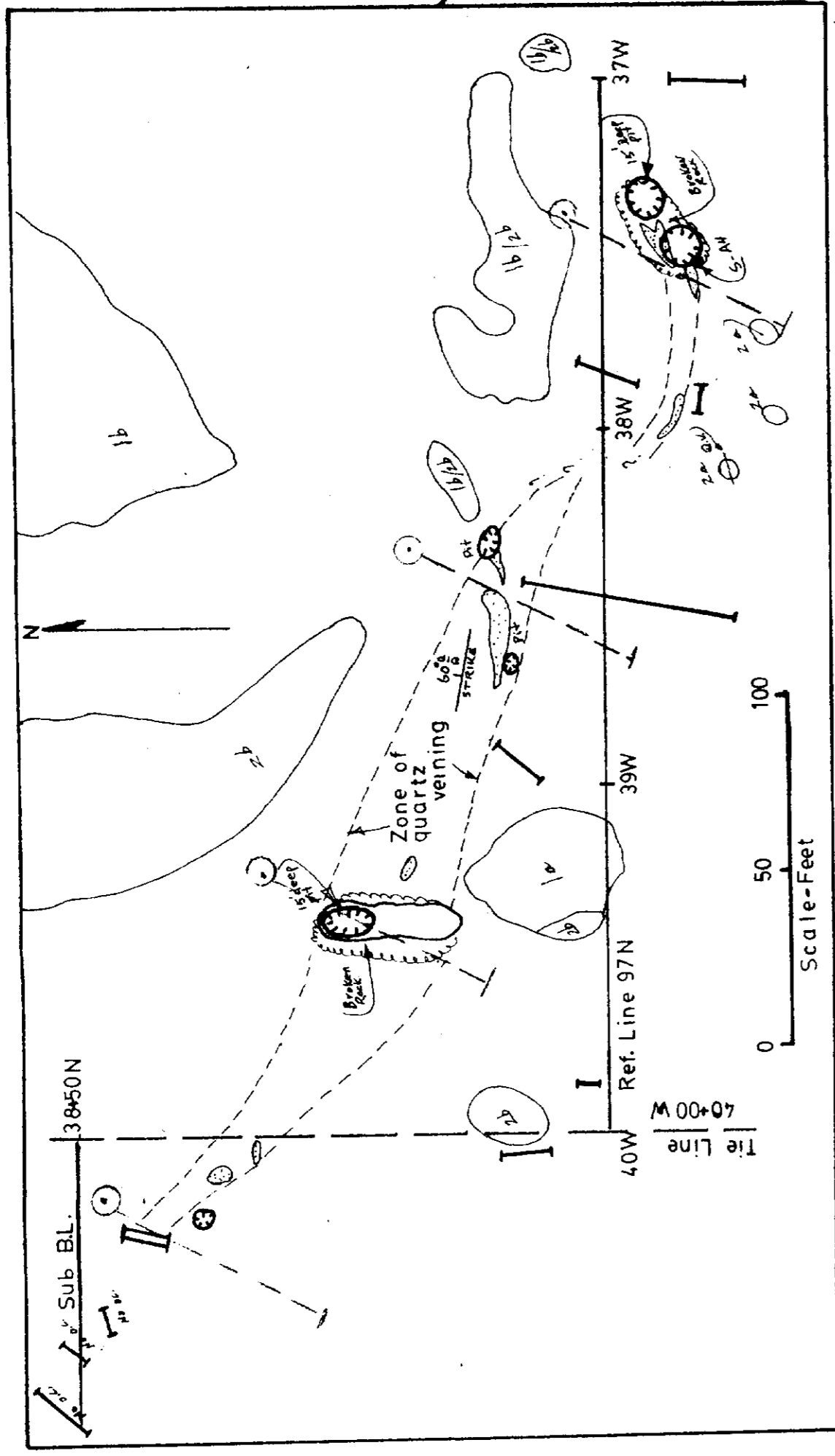
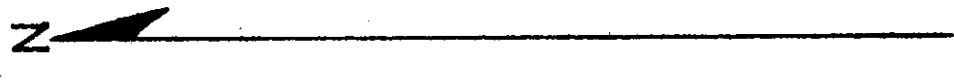
DELBRIDGE MINES LTD.	
MAGNETOMETER SURVEY - N.E. Sheet - De SANTIS PROPERTY TURNBULL TWP., ONT. 63.5192	
AUGUST, 1987 SURVEY	DWG. S. 87-16
DRAWN: R.V.S. Sept. 18, 1987	SCALE: 1:200



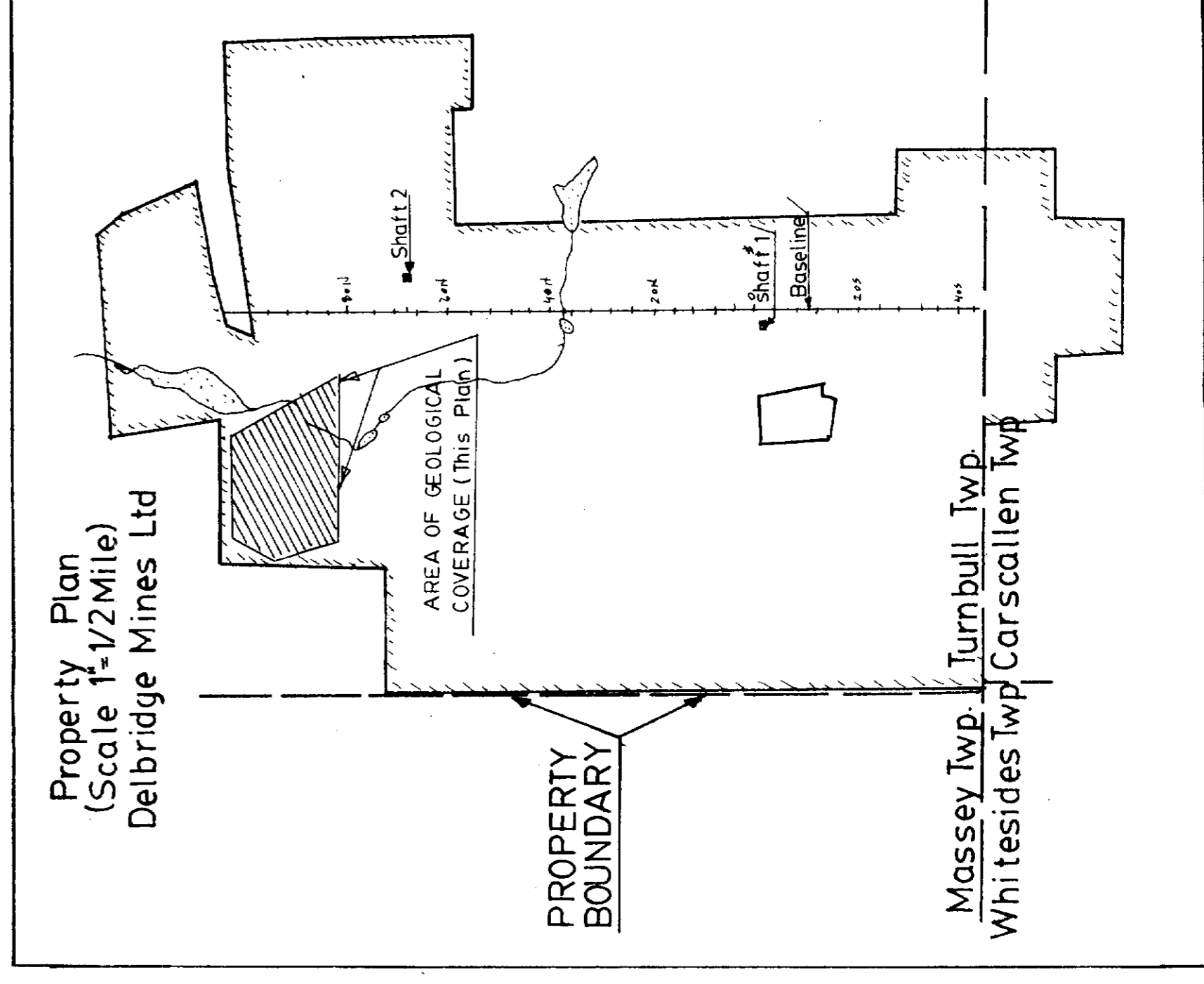
- LEGEND**
- 20
 - 110
 - 50
- Filtered Values
- Isometric Contours
Contour Interval: 10 Units
Instrument: Geonics EM 16 VLF
 - CLAIM POSTS (FIELD LOCATION MAY NOT BE AS SHOWN)

DELBRIDGE MINES LTD.	
FRASER FILTERED VLF EM RESULTS - N.E. Sheet - De SANTIS PROPERTY TURNBULL TWP, ONT.	
63.5192	
AUGUST, 1987 SURVEY	DWG. S. 87-17
DRAWN: R.V.S., Sept. 18, 1987	SCALE: 1"=200'

0786-5-P-256



- LEGEND**
- 3a Diabase (Dykes)
 - 3b Olivine Diabase (Dykes)
 - 2a Granite/Aplite
 - 2b Granodiorite
 - 1a Diabasic Gabbro
 - 1b Gabbro (silicified, altered)
 - 1c Gabbro (porphyritic)
 - 1d Gabbro (fine-medium grained-massive)
 - 1e Gabbro (dioritic), foliated, silicified.
 - * Trenches
 - QV Quartz Vein
 - Pv/Cp Pyrite/Chalcopyrite
 - Outcrop
 - Geologica Contact (Observed)
 - Geological Contact (Assumed)
 - Road
 - Swamp
 - Sample for analysis
 - Quartz Vein
 - Proposed drilling 1988



GEOLOGICAL PLAN—NORTHWEST SECTOR
 Delbridge Mines Ltd.
 Turnbull Twp, Ont.

Scale: 1"=200

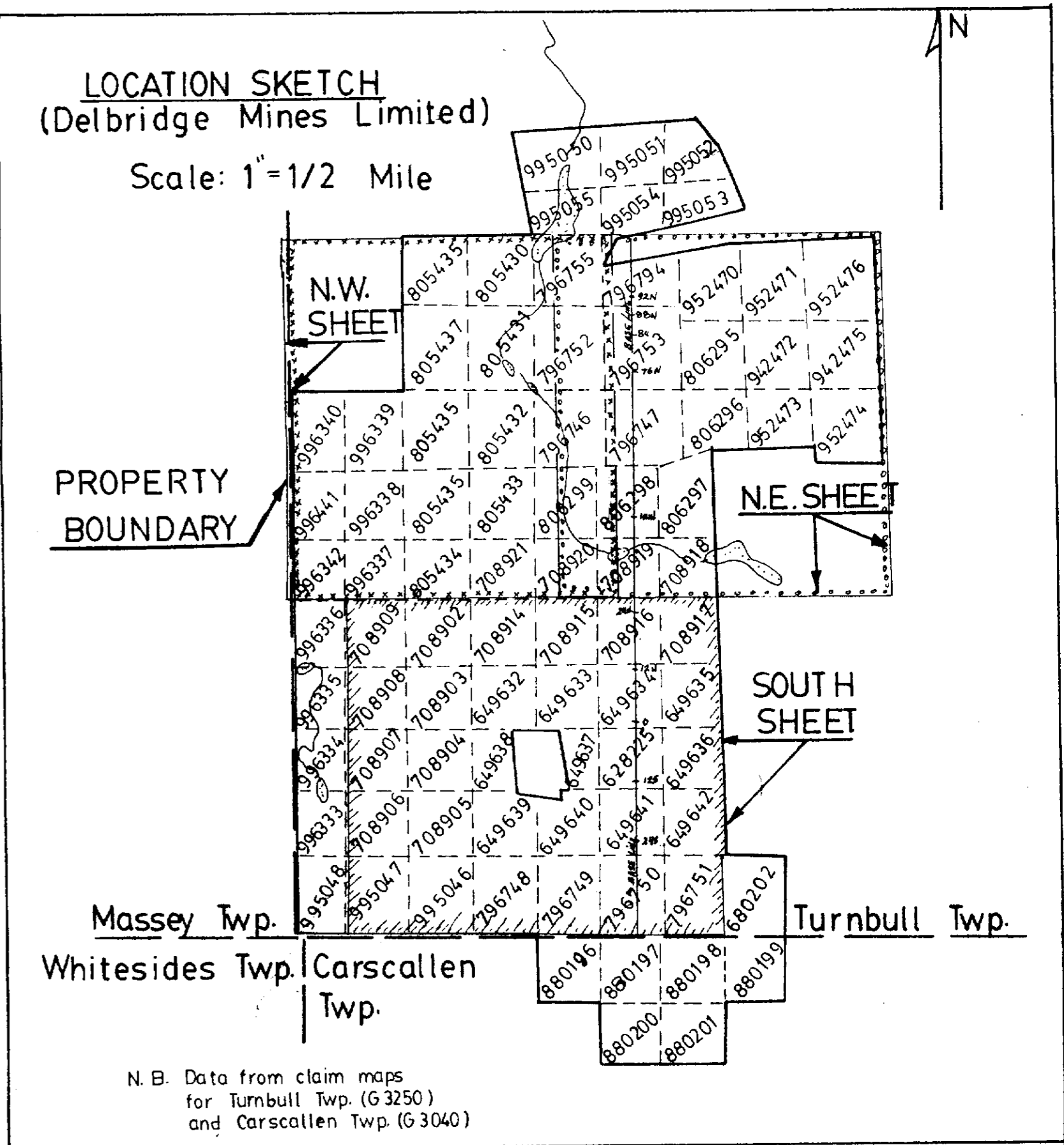
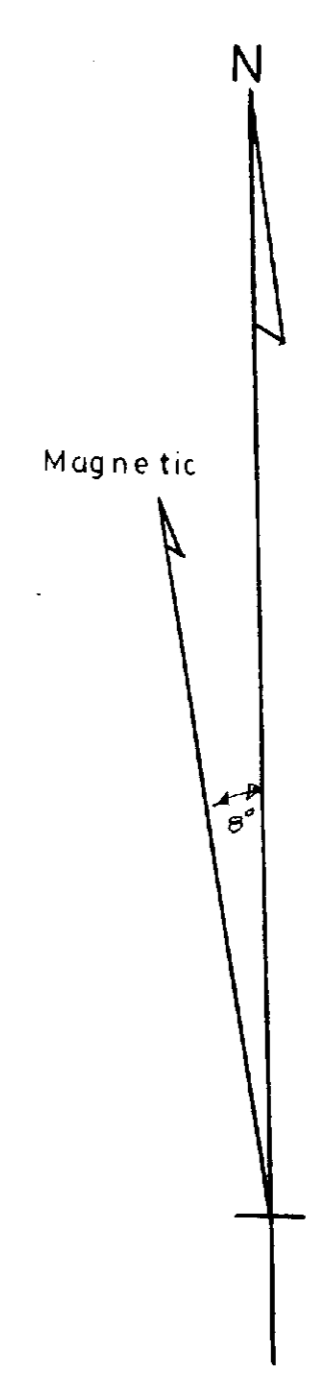
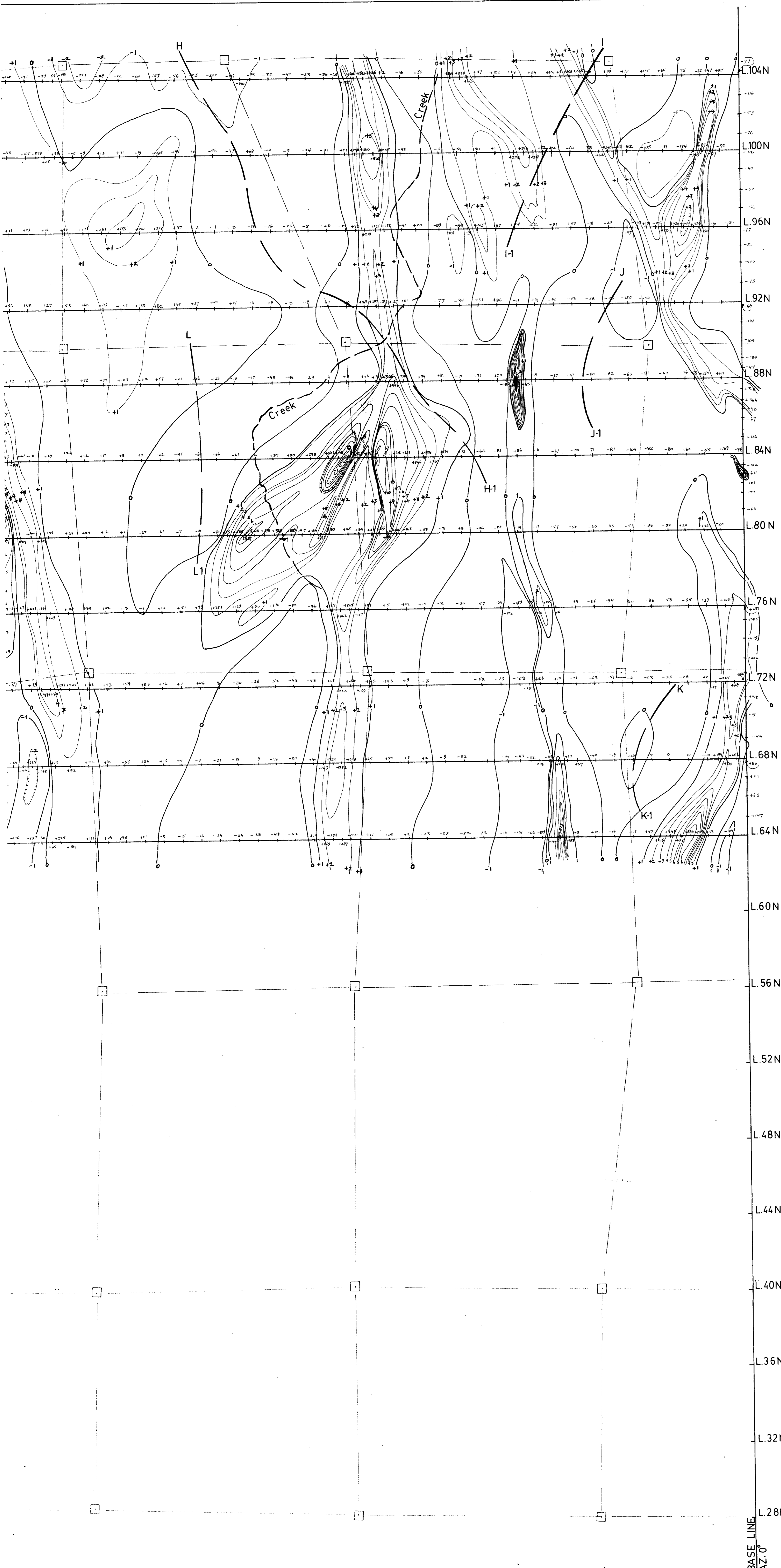
Dwg. S. 87-18

1988

G3. 5192

0166-5-p-25c



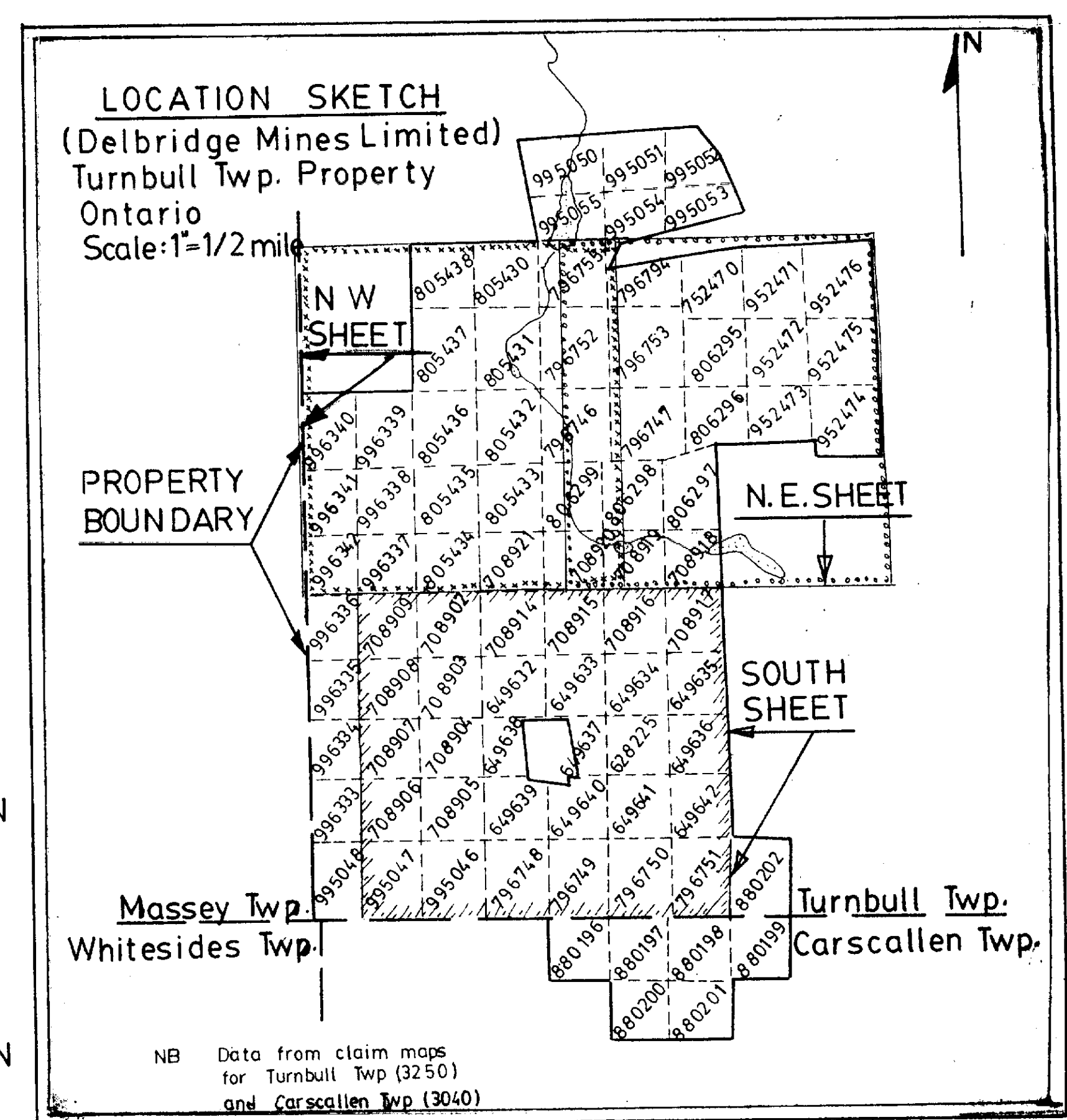
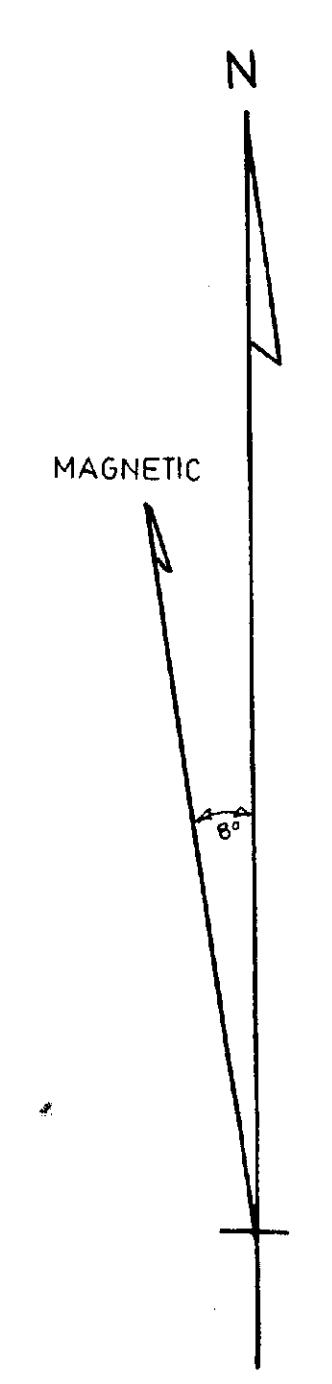
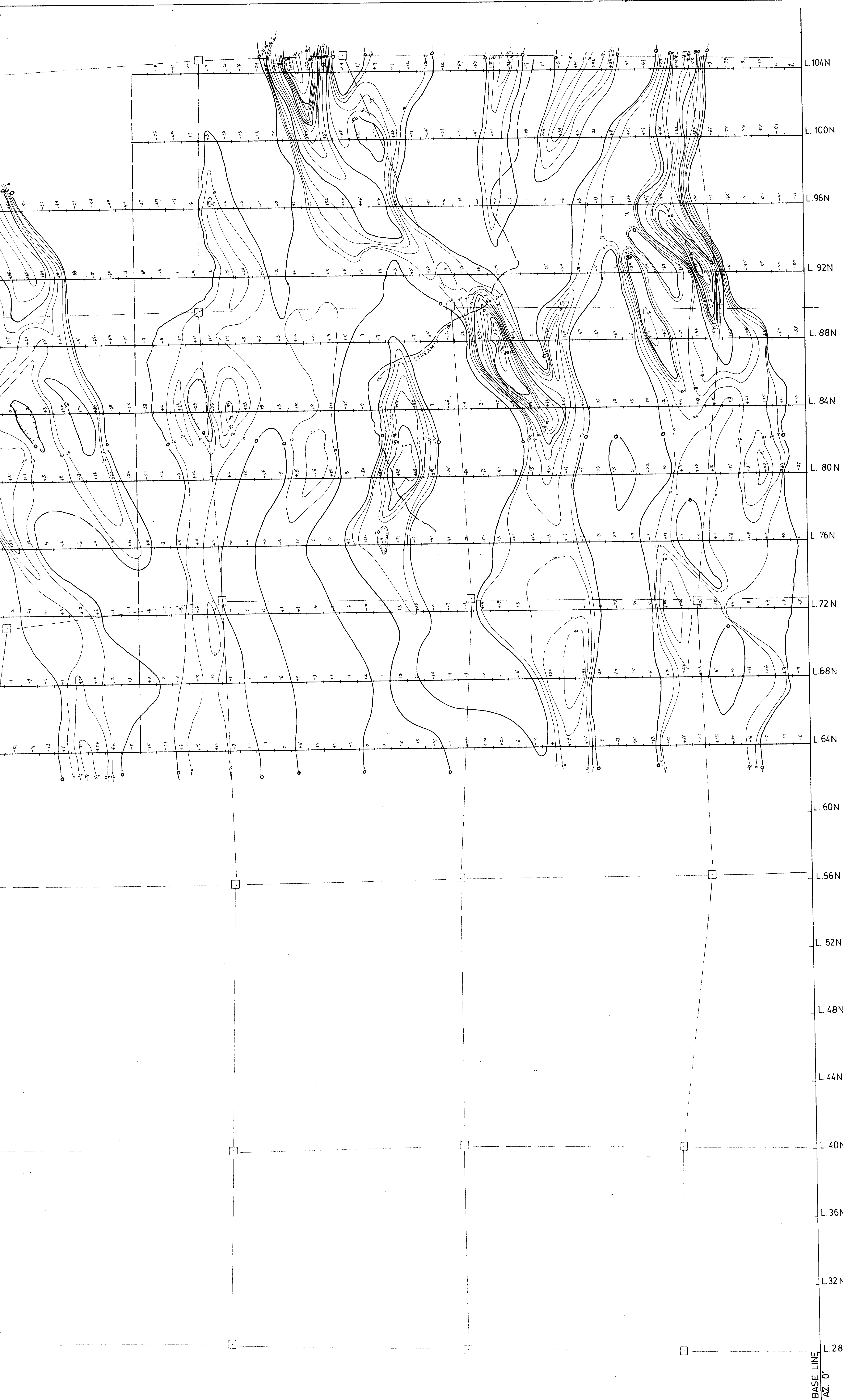


- LEGEND**
- ISOMETRIC CONTOURS
 - MAGNETIC HIGH
 - MAGNETIC DEPRESSION
 - N.B. Add 50,000 Gammas to each reading
 - Instrument: Proton Precession
 - Readings directly in gammas
 - Electromagnetic Conductor Axis
 - Claim Posts (Field locations may not be as shown)

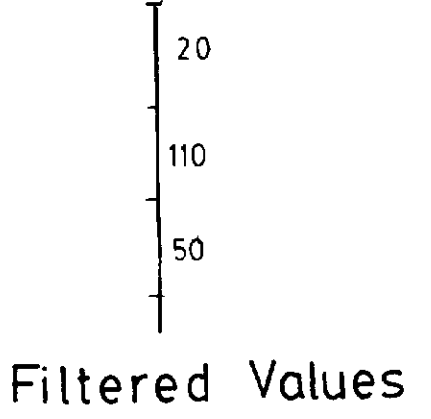
NOTE In order to bring Readings of this survey to a common base with those Station Readings shown on the 'SOUTH SHEET' 100 Gammas was added to each reading.

FIELD SURVEY By: M. Mc Issac
PLOTING & INTERPRETATION: R.V. Stewart

DELBRIDGE MINES LTD.	
MAGNETOMETER SURVEY -N.W. Sheet- De SANTIS PROPERTY TURNBULL TWP., ONT. 63.5192	
SEPT., 1987 SURVEY	DWG. S 88-1
DRAWN: R.V.S., February 1988	SCALE 1" = 200'



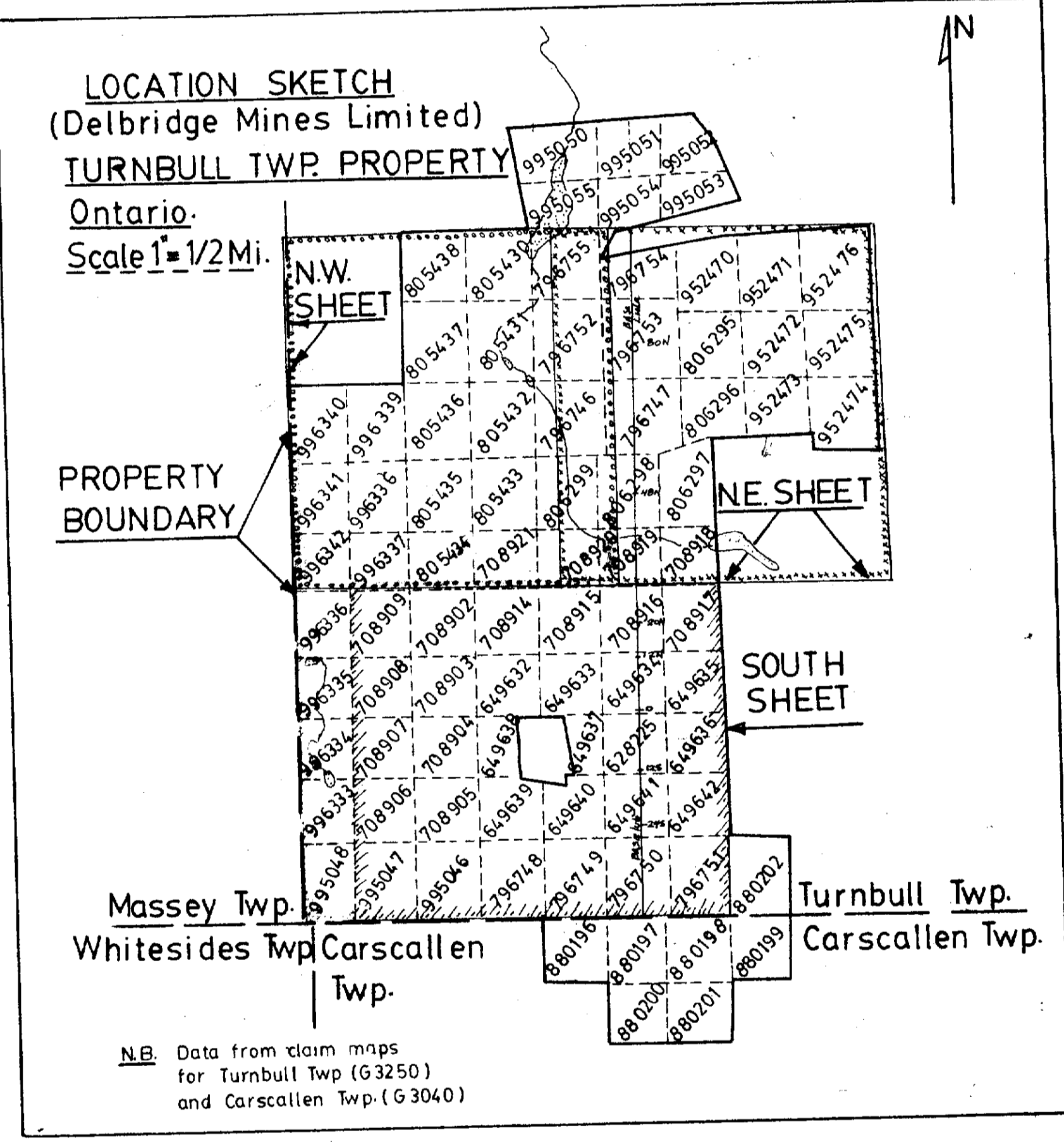
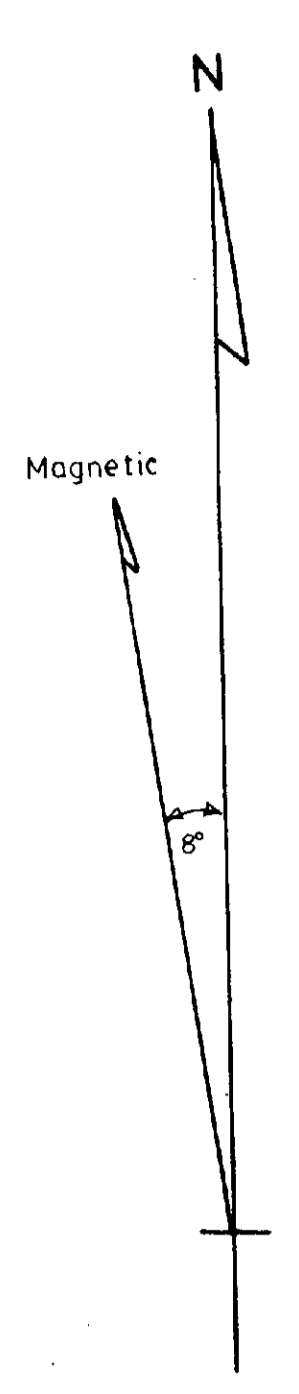
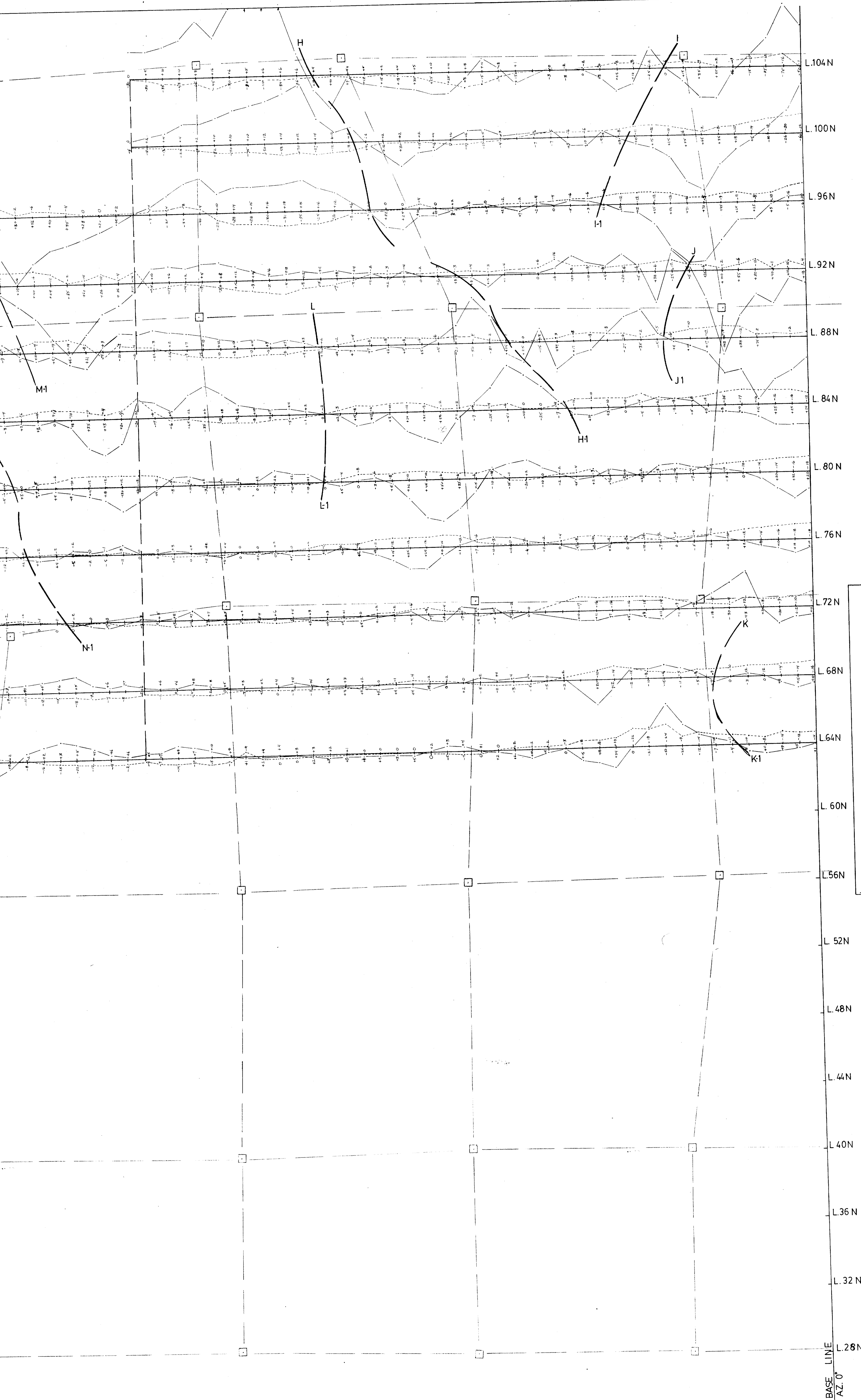
LEGEND



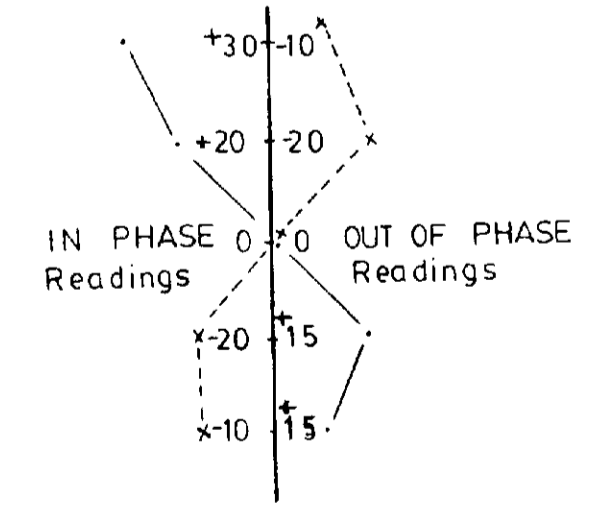
Filtered Values

- Isometric Contours
- Contour Interval: 10 Units
- Instrument: Geonics E.M.16-VLF
- CLAIM POSTS (Field locations may not be as shown)

DELBRIDGE MINES LTD.	
FRASER FILTERED VLF-EM RESULTS -NW Sheet- De SANTIS PROPERTY TURNBULL TWP., ONT	
63.5192	
SEPTEMBER, 1987 SURVEY	DWG. S 88-2
DRAWN RVS, FEBRUARY, 1988	SCALE 1"=200'



LEGEND



PROFILE SCALE 1" = 40'
 IN PHASE
 OUT OF PHASE
 POSITIVE READINGS PLOTTED TO LEFT
 NEGATIVE READINGS PLOTTED TO RIGHT
 STATION SOURCE: Annapolis Maryland

A CONDUCTOR AXIS
 FIELD SURVEY BY: M. Mac Isaac
 PLOTTING AND INTERPRETATION: R.V. STEWART
 INSTRUMENT: Geonics EM 16
 □ CLAIM POSTS (Field locations may not be as shown)

DELBRIDGE MINES LTD.	
V.L.F. - E.M. SURVEY - N.W. Sheet - De SANTIS PROPERTY TURNBULL TWP., Ont. 63.5192	
SEPTEMBER, 1987 SURVEY	DWG. S. 88-3
DRAWN: RVS, FEB 1988	SCALE: 1" = 200'