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The 1986 Wild Rose Exploration Program

by J. Paxton P. Eng.

December, 1986

Claims

Wild Rose Fr.	L 1387
Gold Bed	L 1388
Golconda Fr.	L 2149
Cleveland	L 2150

Ace and Bell Mineral claims

Greenwood Mining Division

NTS 82E/2

Lat. 49° 04' 30"N; Long. 118° 43' 30"W

Owner: K. Schindler, E. Schindler

Operator: Wild Rose Resources Ltd.

Consultant: Petralith Services Ltd

KARL SCHINDLER
876-3606

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Table of Contents

Illustrations

Appendices

Maps In Pocket

1. SUMMARY

The Wild Rose property consists of four reverted crown grant claims and two modified grid units located 4.5 kilometres southwest of Greenwood, B.C. and about 2.5 kilometres northwest of the Robert Mines Ltd. concentrator.

The property contains a shaft and three adits driven to explore a pyrite-pyrrhotite-quartz vein that has been traced for about 100 metres on surface.

During 1986 an exploration program was undertaken which consisted laying out a grid 0.95 by 1.00 kilometres with stations every 25 metres. Magnetometer and VLF-EM surveys were run on the grid and 664 soil samples were taken and tested for gold, silver and arsenic. Only the gold in soil geochemical survey gave positive results over the known mineralization. Based on the gold geochemical results twelve NQ diamond drill holes were drilled. Four holes intersected a pyrite-pyrrhotite-arsenopyrite-quartz vein which appears to be similar to known vein on surface. The best intersection assayed 0.33 oz Au/ton over 1.6 metres true width. Total cost for the program was $107,433 as of November 15, 1986. More work is proposed for 1987 with the objective of delineating the vein on the level of the old No. 1 adit in order

to try and develop an orebody via enlarging the old adit and drifting from it.

A first phase of road building, site preparation and drilling is recommended at an estimated cost of $73,500.

A second phase of additional drilling is recommended to delineate the vein on a level 30 metres below the adit level. This would have an estimated cost of $66,000. Total cost for the program would be $139,500.

2. INTRODUCTION

In July, 1986 the author made a two day examination of the Wild Rose Property on behalf of Wild Rose Resources Limited. A program of work was recommended consisting of trenching, magnetometer, VLF-EM, geological mapping and geochemical soil surveys in the first phase, to be followed with up to 2000 feet of diamond drilling in the second phase.

In August, following approval of the recommendations, work was started on the property by Petralith Services Ltd., the author's service company. Personnel included the author, J. R. Lucke and A.M. Paxton. Transit surveying on the property was done by A.F. Hoefsloot, B.C.L.S. of Grand Forks, B.C., Diamond drilling was done by Bergeron Drilling Ltd. of Greenwood, B.C., and assaying was done by CDN Resource Laboratories Ltd. of Delta, B.C.

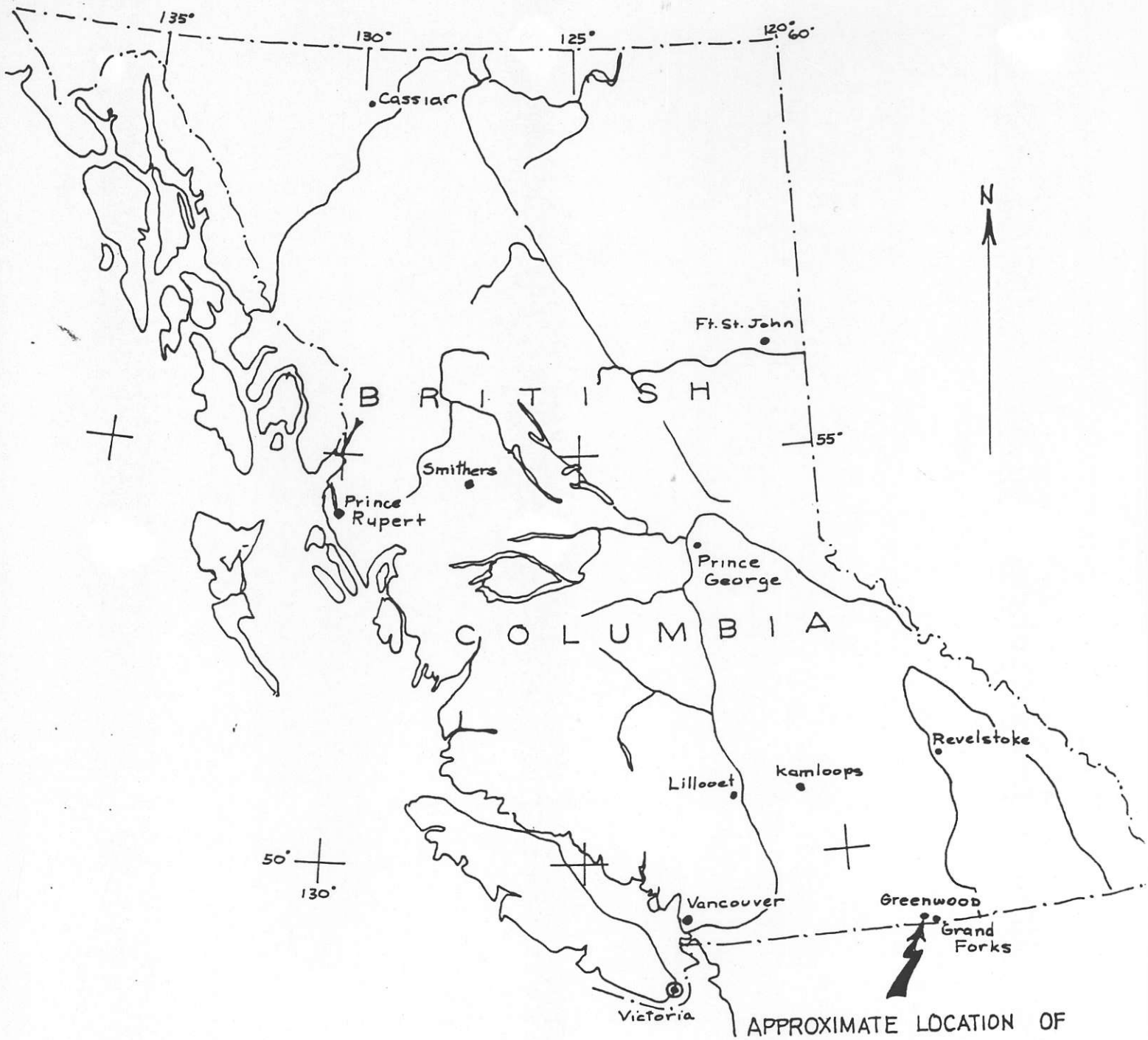
The final surveying work was completed by the end of November.

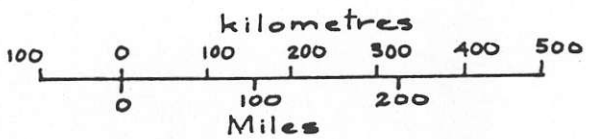
3. LOCATION AND ACCESS

The claims all lie within the Greenwood Mining Division about 4.5 km southwest of Greenwood and are covered by NTS map area 82 E/2. Approximate latitude and longitude are 49° 04' 30" N, 118° 43' 30" W. The property lies on a moderate to steep, wooded,

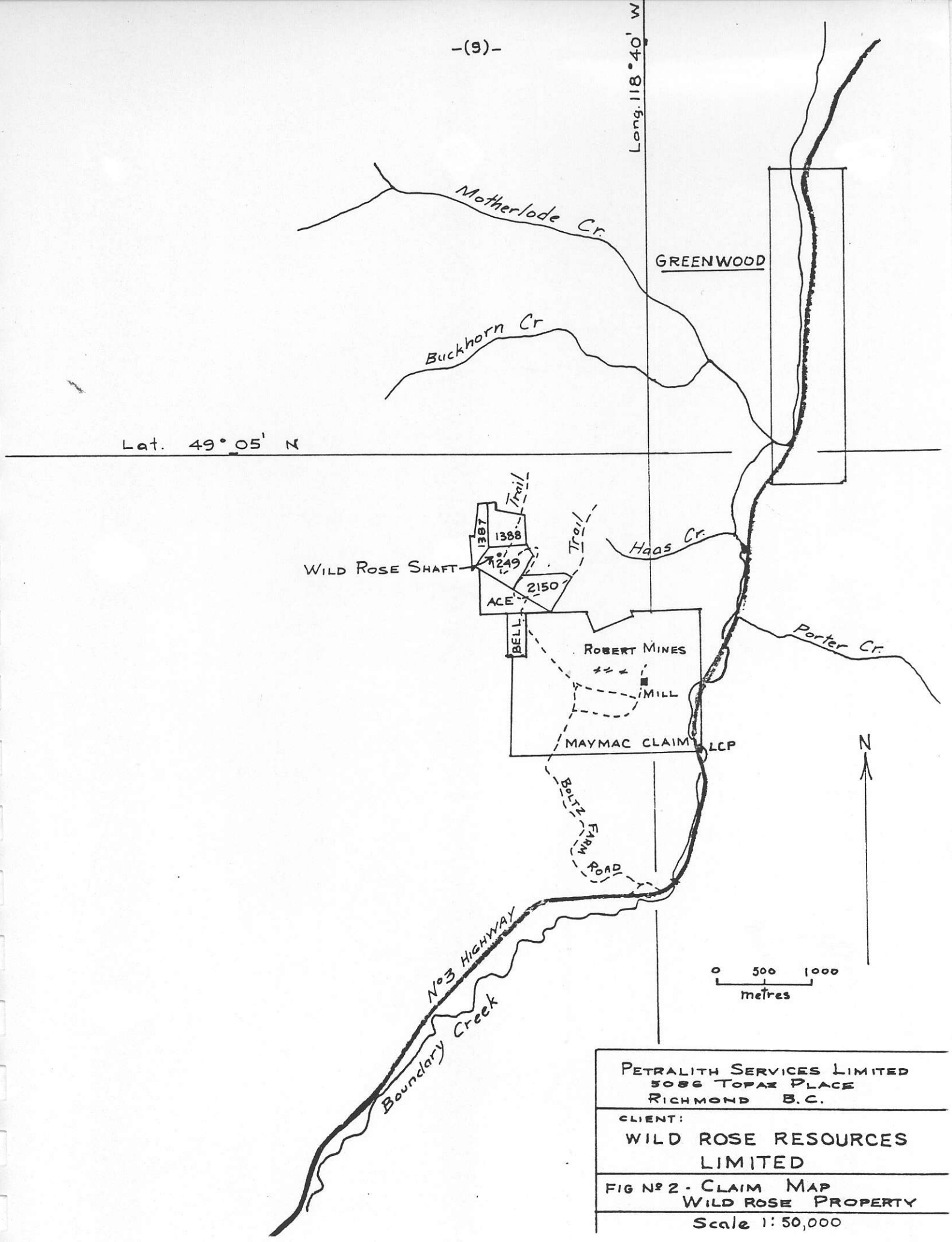
east dipping slope. The main showings are at an elevation of 1280 m (4200 feet).

Access is by a gravel road known as the Boltz Farm Road which turns off B.C. Provincial Highway No. 3 just south of the bridge over Boundary Creek 5 km South of Greenwood. From the highway this road winds north past the old Boltz farm, to the Robert Mines Ltd. property where it joins a logging road that passes within a few metres of the old shaft.





PETRALITH SERVICES LIMITED 5086 TOPAZ PLACE RICHMOND B.C.
CLIENT: WILDROSE RESOURCES LIMITED
FIG Nº 1 - LOCATION MAP
Scale 1:10000



PETRALITH SERVICES LIMITED
5086 TOPAZ PLACE
RICHMOND B.C.

CLIENT:
WILD ROSE RESOURCES LIMITED

FIG Nº 2 - CLAIM MAP
WILD ROSE PROPERTY

Scale 1: 50,000

4. PROPERTY DESCRIPTION AND TITLE

The property consists of the following claims:

Name	Lot No.	Record No.	Anniversary Date	Work Expiry Date
Wild Rose Fr.	L1387	2447(10)	Oct. 29	1988
Gold Bed	L1388	2448(10)	Oct. 29	1988
Golconda Fr.	L2149	552(10)	Oct. 26	1988
Cleveland	L2150	553(10)	Oct. 26	1988
Ace		558(11)	Nov. 05	1988
Bell		557(11)	Nov. 05	1988

The above description of the property is based on information supplied to the writer by Wild Rose Resources Ltd. A complete legal description is beyond the scope of this report.

5. EXPLORATION HISTORY

According to a report written in 1983 on the property by W.G. Smitheringale and Associates Ltd., "The original Golconda claim was staked in 1895. In 1897 a shaft was down 50 feet (15m) and the mineralization had been traced in open cuts for 300 feet (91m). Old workings excavated prior to 1933 include a 60 foot (18m) shaft at elevation 4,200 feet, a short adit (at unspecified elevation) that cut the vein 50 feet (15m) from the portal, a 110 foot (34m) long adit driven 190 feet lower than the shaft collar, a 690 foot (210m) long adit 240 feet lower than the shaft collar and stripping and trenching. The shaft was reportedly "sunk in ore", and the adits and x-cuts were intersect the mineralized zone exposed by the shaft and trenches.

The mineralization intersected by the 50 foot adit was reported to be 4 ft to 5 ft. (1.2m to 1.5m) wide and was drifted on for 17 feet (5m). The 110 foot and 690 foot long adits were both stopped short of the vein. A narrow mineralized zone 410 feet (125m) from the portal of the 690 ft. long adit was followed northwestward for about 70 feet (21m).

Assays reported from these early workings were 0.78 oz. Au/ton and 0.5 oz Ag/ton in pyrrhotite-bearing material near the shaft, 0.24 oz. Au/ton and 0.80 oz. Ag/ton across 5 feet (1.5m), 28 feet (9m) southeast of the shaft and 0.65 oz Au/ton farther southeast of the shaft. These were all surface samples.

Further on in his report Dr. Smitheringale also says, "In October, 1977, the old shaft was cleaned out to a depth of 10m under the supervision of Mr. K. Schindler. A chip sample taken over 5 feet (1.5m), 7m down the shaft, assayed 0.258 oz. Au/ton. A grab sample from the old dump at the shaft assayed 0.384 oz. Au/ton and 0.55 oz Ag/ton."

In 1978 and 1979 three new trenches were started southeast of the shaft. Due to the greater than expected depth of the overburden none of them reached bedrock.

Since this time no exploration work has been done.

6. THE 1986 EXPLORATION PROGRAM

6.1 Grid Layout

A clear cut, line of sight baseline was put in parallel to the vein near the surface shaft. This was chained and corrected for slope on 25 metre intervals. From the baseline, cross-lines were run out and flagged every 25 metres, using a compass and hip-chain. A total of 0.95 kilometres of baseline and 36 kilometres of cross-line were done.

6.2 Geochemical Surveys

Soil sampling was done on the grid at the 25 metre stations on alternate lines except where the grid extended beyond the property boundary. Samples were taken where possible from the C soil horizon. They were collected in standard kraft paper sample bags using a narrow shovel. In the assay laboratory the samples were dried and seived through a -80 mesh screen. The -80 mesh fraction was then treated with fire assay preconcentration and finished with atomic absorption analysis.

A total of 664 samples were assayed for gold and silver. Alternate samples (332) were assayed for arsenic. The results were plotted on separate map sheets and contoured. Anomalous areas were selected by inspection. Correlation between contour areas on each of the maps was fair for values close to the threshold, but for values in the top ten or twenty percent, correlation between the three elements was poor.

6.3 Geophysical Surveys

Both magnetometer and VLF-EM surveys were done over the grid.

The VLF-EM instrument used was a Scintrex SE-80 Scopas tuned to the U.S. Navy VLF station near Seattle, Washington. The Seattle station was poorly oriented with respect to the trend of known mineralization near the shaft. It had to be used however, since its signal strength was so great it drowned out the signal from Cutler, Maine which was at a much better orientation. The survey resulted in two broad, low amplitude anomalies trending east-west, at about 60° to the trend of the known mineralization. This anomaly trend may be due to a wet fault zone, an unknown mineral zone or just be due to distortion because of the poor orientation of the transmitter. Drilling in the area has revealed several zones of artesian water flow, but no sulphide mineralization parallel to the anomaly trend.

The magnetometer survey was done using a scintrex MP-2 Proton Precession Magnetometer. Diurnal variation was corrected over short time intervals by taking readings on pairs of lines in closed loops. Then the base line was run as a closed loop. Each line loop was corrected for variation over time. The base-line loop was corrected for variation over time. Then the base line corrections were applied as a second correction to the line loop. Thus the whole survey was corrected relative to one primary base-line station.

No strong magnetic anomalies were discovered. The contoured results reflect the geology of north-south trending sediments interrupted in the north central area by small diorite and gabbro intrusions with associated basic volcanic flows.

6.4 Trenching

To the northwest and southeast of the shaft there are a series of old trenches which have been designated by the letters A to L and which follow a vein of massive pyrite and pyrrhotite which is up to one metre thick. Using a large backhoe machine an attempt was made to uncover the mineralization from trench F to L so that it could be systematically sampled. This proved to be more difficult than at first anticipated. The sulphide mineralization was leached and oxidized at least 5 metres below the bedrock surface. Also, the bedrock surface was extremely irregular and could not be cleaned properly with the backhoe. Sampling could not be done so the work was abandoned for the time being.

6.5 Geological Mapping

The geological mapping was done in conjunction with the VLF-EM survey by noting the rock type at each survey station. Four groups of rocks are represented in the area:

1. Chert, chert sandstone and chert conglomerate
2. Black shale
3. Diorite, gabbro, andesite and greenstone.

Two other rock types not seen on surface, but recognized in drill core are Brown Argillite or Chert, and Trachyte Dyke.

According to the mapping done by H.W. Little, (GSC Paper 79-29) the rocks of group two and three belong to the Knobhill Group of carboniferous age. The Chert Conglomerates of group one belongs to the Lower Triassic and is equivalent to the sharpstone conglomerate seen near the Phoenix Mine.

The drilling done during the program north and east of the shaft encountered quartz sulfide vein mineralization hosted by an aphanitic brown cherty argillite. This may be a clay altered phase of the black shale seen on surface. The drilling also encountered a Trachyte Dyke which had a parallel strike but opposing dip to the vein and Brown Argillite structures and cuts through them. This relationship in shown in Figure No. 3.

6.6 Diamond Drilling

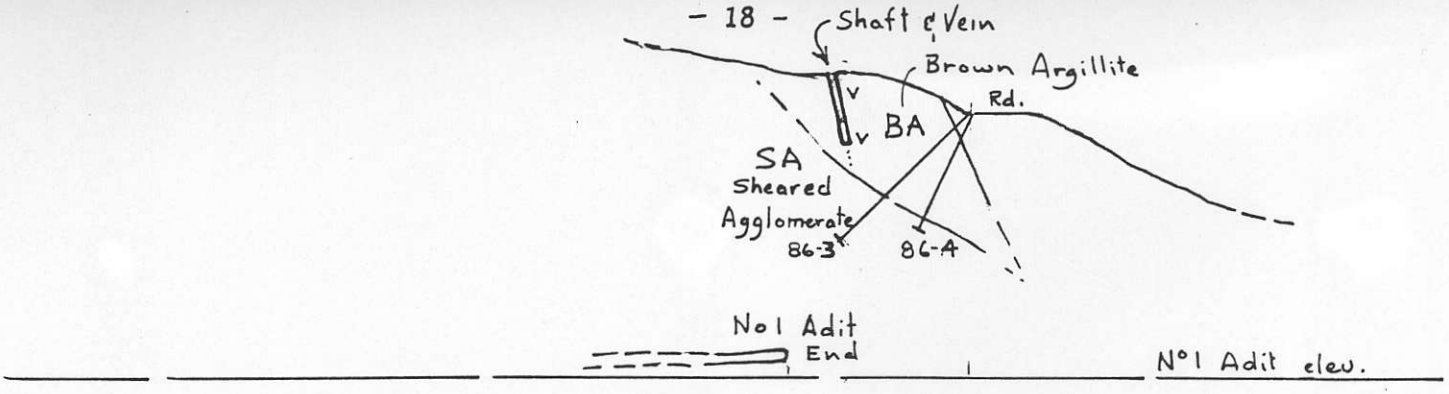
The diamond drilling consisted of twelve holes totalling 1710 feet (521.2 metres). The drilling was done by Bergeron

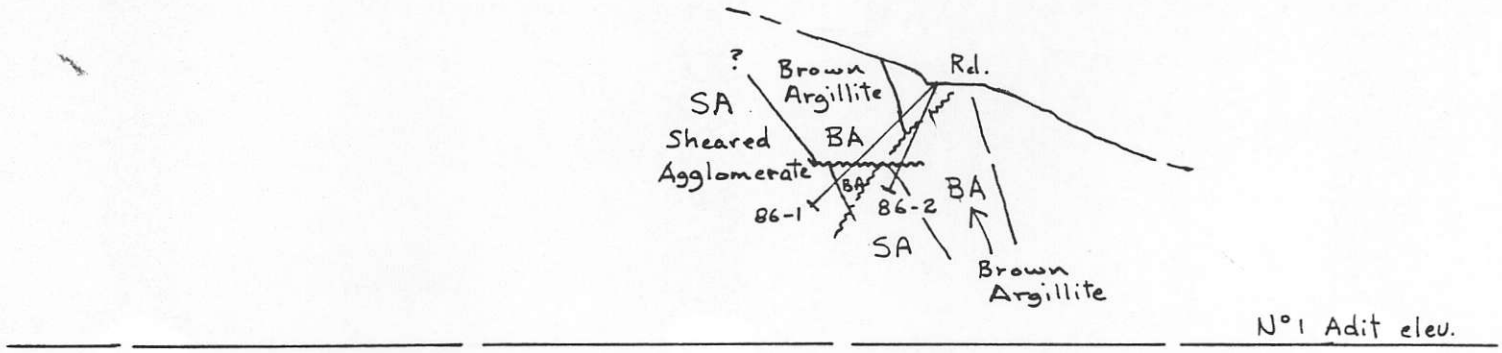
Drilling Limited of Greenwood, B.C. between October 15 and October 27, 1986. The drill used was a Longyear 38 with hydraulic head and hydraulic chuck, mounted on a war surplus tank undercarriage. This equipment allowed the drilling of relatively short holes with a minimum of moving and setup time. Core size was NQ. The first four holes were drilled to intersect the down dip extension of the massive sulphide and quartz vein seen in the shaft. These holes collared in a thick band of aphanitic cherty brown argillite containing numerous grains, blebs and fracture fillings of pyrite and pyrrhotite. The brown color was interpreted as being due to the alteration of the pre-existing rock by sulphide bearing solutions. No vein material was intersected.

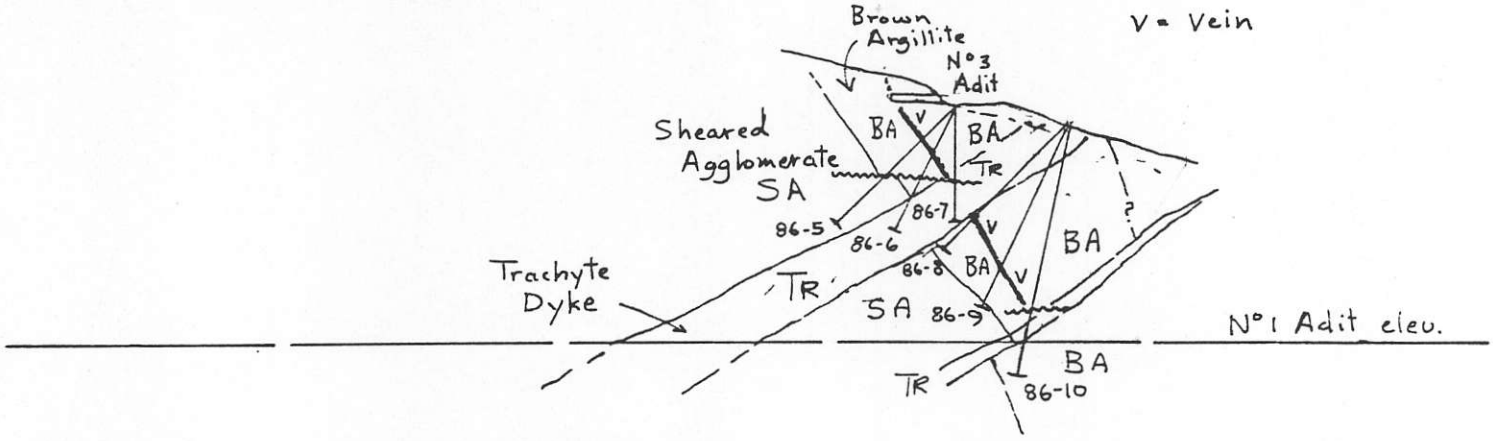
The holes passed through this zone and bottomed in unaltered argillite and chert conglomerate of presumably Triassic age.

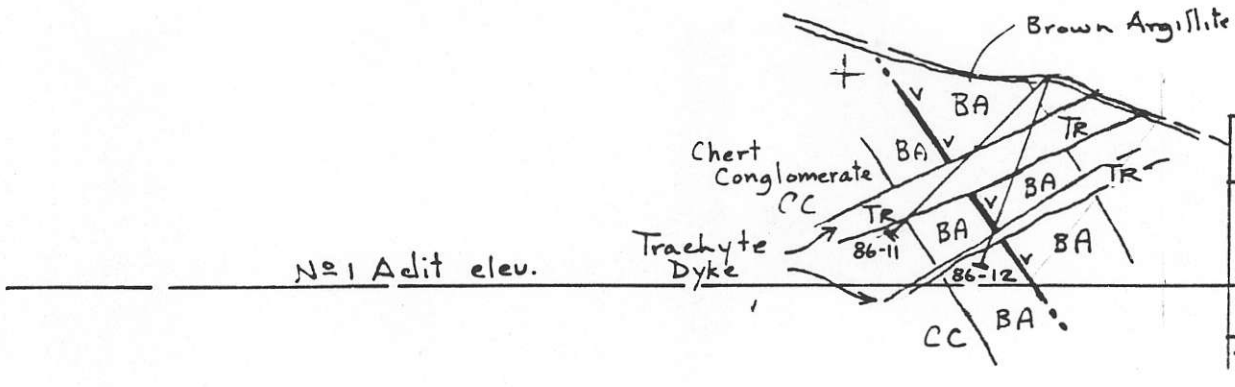
The soil geochemical results showed a strong gold in soil anomally extending northward. The fifth drill hole was planned to test this area. The hole collared in the same brown argillite seen in the previous holes. In the interval 32 to 38 feet it passed through a well defined quartz-massive sulphide vein which had an average assay of 0.333 oz/Ton Au and 0.47 oz/Ton Ag. Hole six was drilled below this and intersected the vein again and showed it to be dipping to the northeast at 55°. Hole seven was drilled on the same section and entered a late trachyte dyke before it reached the projected extension of the vein. The drill

was then moved to the north east on the same section. Holes 8 and 9 picked up the vein again below the trachyte dyke. Hole 10 on the same section missed the vein probably due to faulting. The drill was then moved 100 feet to the northwest. Hole eleven missed the vein but intersected the trachyte dyke. Hole twelve intersected the vein below the trachyte dyke. The vein here had more sulphides and less quartz. As well as the previously encountered pyrite, pyrrholite and chalcopyrite large masses of course arsenopyrite were seen.









WILD ROSE

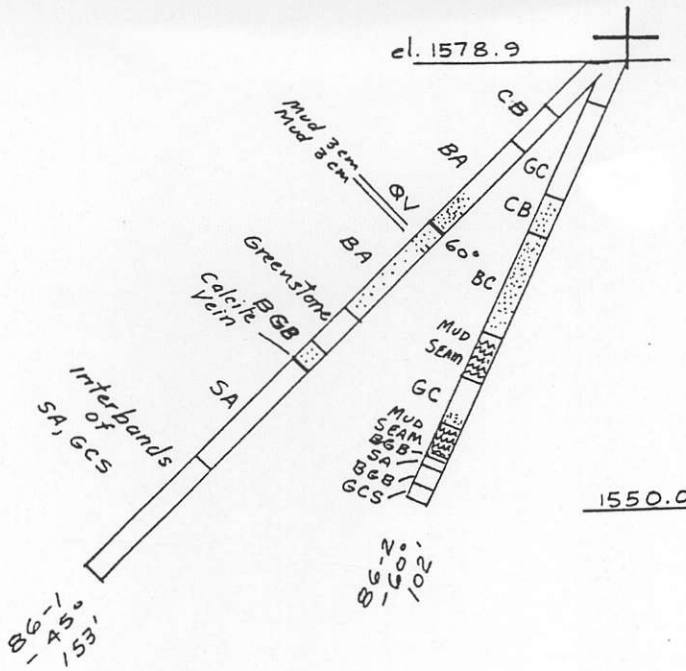
INTERPRETATION OF DRILLING RESULTS

J. Parton

DDH No. 86-1, 86-2

LEGEND

- Tr — Trachyte Dyke
- QV — Quartz–Sulphide Vein
- Disseminated Pyrite
- BA — Brown Argillite
- BC — Brown Chert
- GC — Grey Chert
- GCX — Grey Chert Breccia
- GCS — Grey Chert Sandstone
- BGB — Black and Green Breccia
- GC — Green Chert
- SA — Sheared Agglomerate
- CC — Chert Conglomerate



el. N° 1 Adit

1500.0

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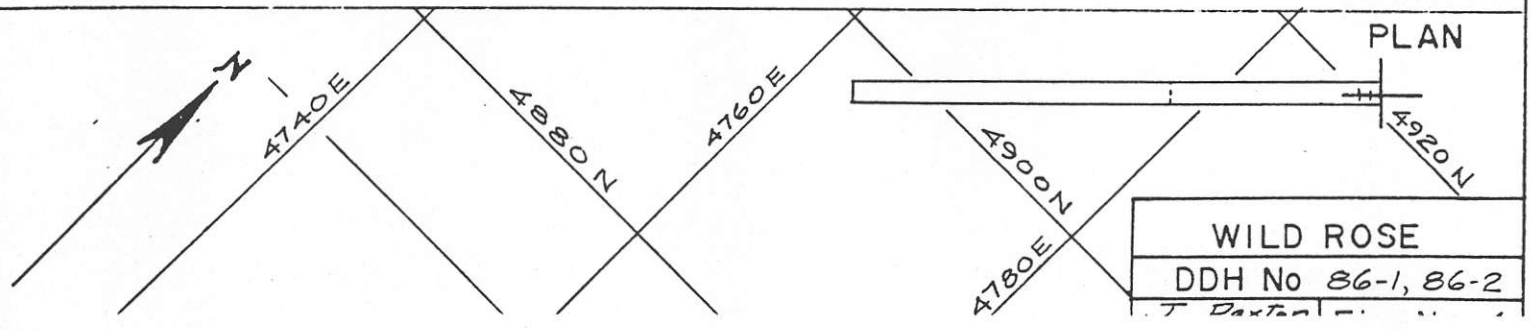
METRES 0 5 10 15

0 10 20 30 40 50 FEET

SECTION

PLAN



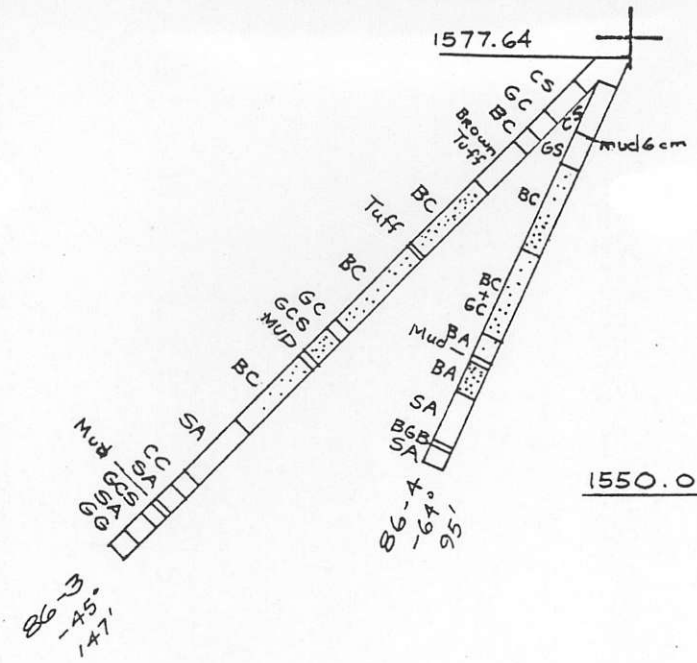
WILD ROSE

DDH No 86-1, 86-2

DDH No. 86-3, 86-4

LEGEND

- Tr Trachyte Dyke
- Quartz-Sulphide Vein
- Disseminated Pyrite
- BA Brown Argillite
- BC Brown Chert
- GC Grey Chert
- GCX Grey Chert Breccia
- GCS Grey Chert Sandstone
- BGB Black and Green Breccia
- GC Green Chert
- SA Sheared Agglomerate
- CC Chert Conglomerate



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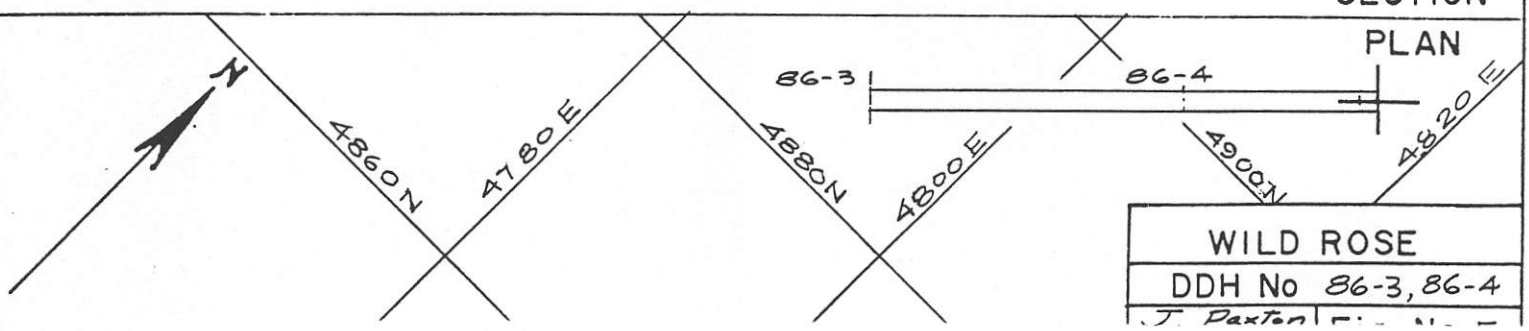
METRES 0 5 10 15

FEET 0 10 20 30 40 50

SECTION

PLAN



WILD ROSE

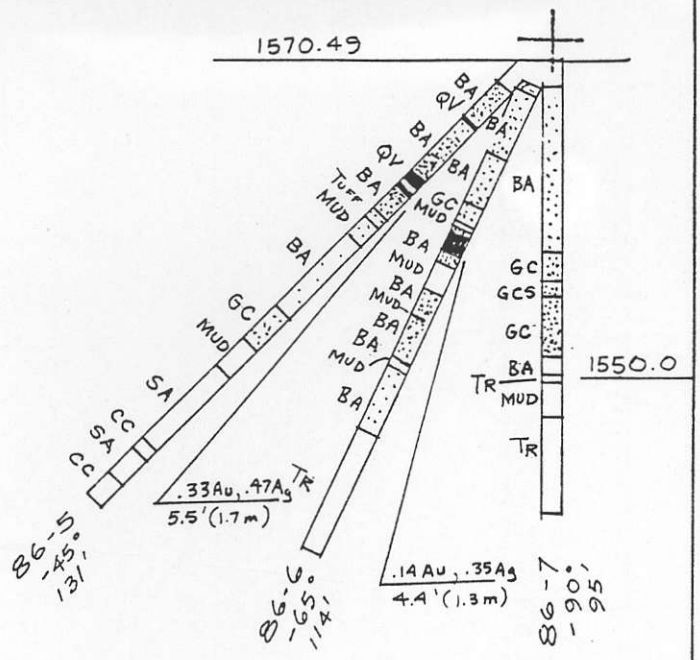
DDH No 86-3, 86-4

J. Paxton

DDH No. 86-5, 86-6, 86-7

LEGEND

- Tr — Trachyte Dyke
- Quartz–Sulphide Vein
- Disseminated Pyrite
- BA — Brown Argillite
- BC — Brown Chert
- GC — Grey Chert
- GCX — Grey Chert Breccia
- GCS — Grey Chert Sandstone
- BGB — Black and Green Breccia
- GC — Green Chert
- SA — Sheared Agglomerate
- CC — Chert Conglomerate



el. No 1 Adit

1500.0

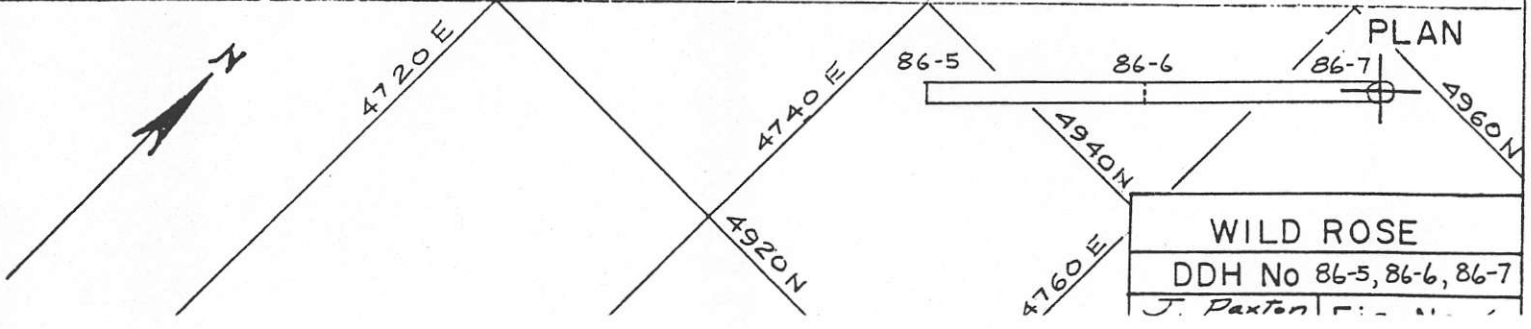
SCALE 1:500

METRES
0 5 10 15

0 10 20 30 40 50
FEET

SECTION

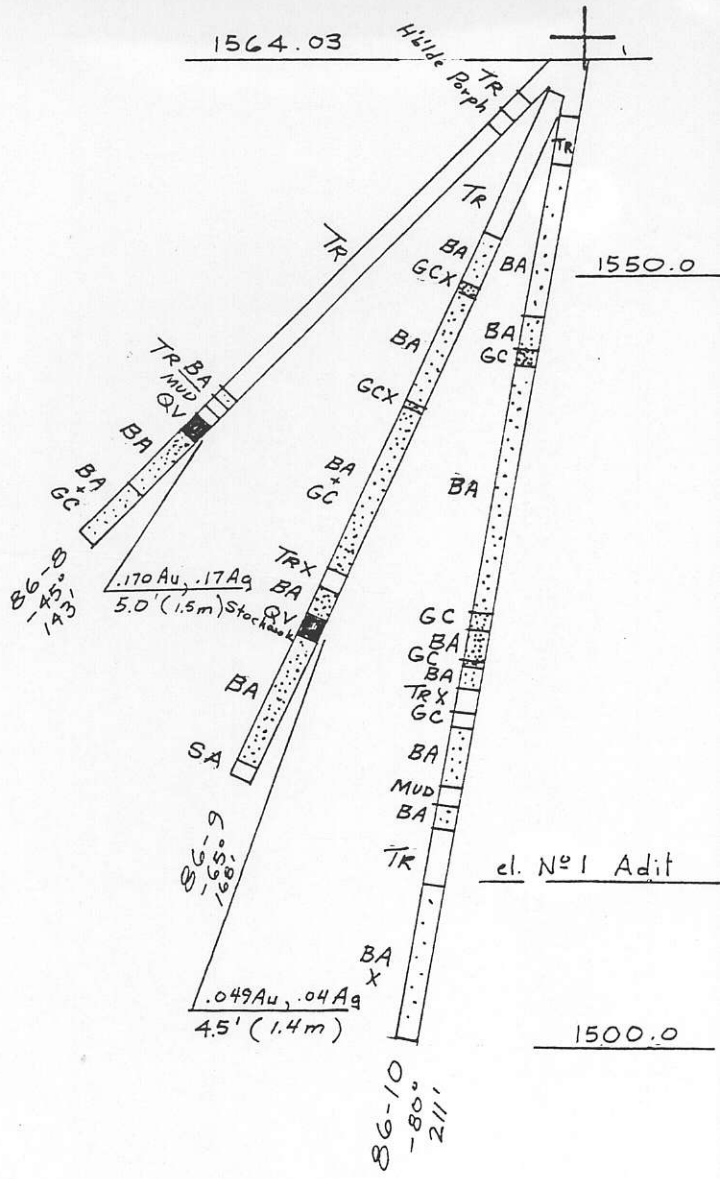
PLAN



DDH No. 86-8, 86-9, 86-10

LEGEND

- TR Trachyte Dyke
- Quartz-Sulphide Vein
- Disseminated Pyrite
- BA Brown Argillite
- BC Brown Chert
- GC Grey Chert
- GCX Grey Chert Breccia
- GCS Grey Chert Sandstone
- BGB Black and Green Breccia
- GC Green Chert
- SA Sheared Agglomerate
- CC Chert Conglomerate



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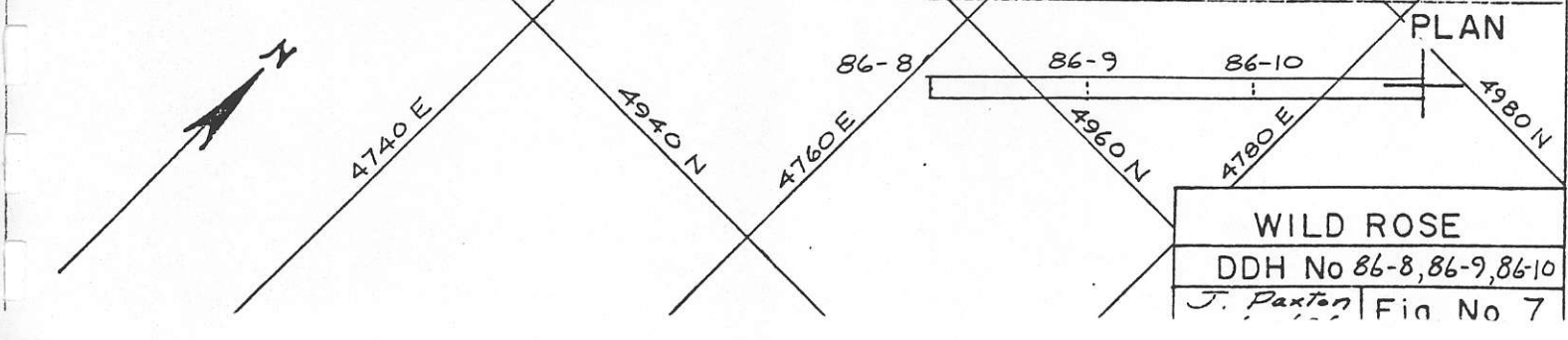
METRES 0 5 10 15

FEET 0 10 20 30 40 50

SECTION

PLAN



WILD ROSE

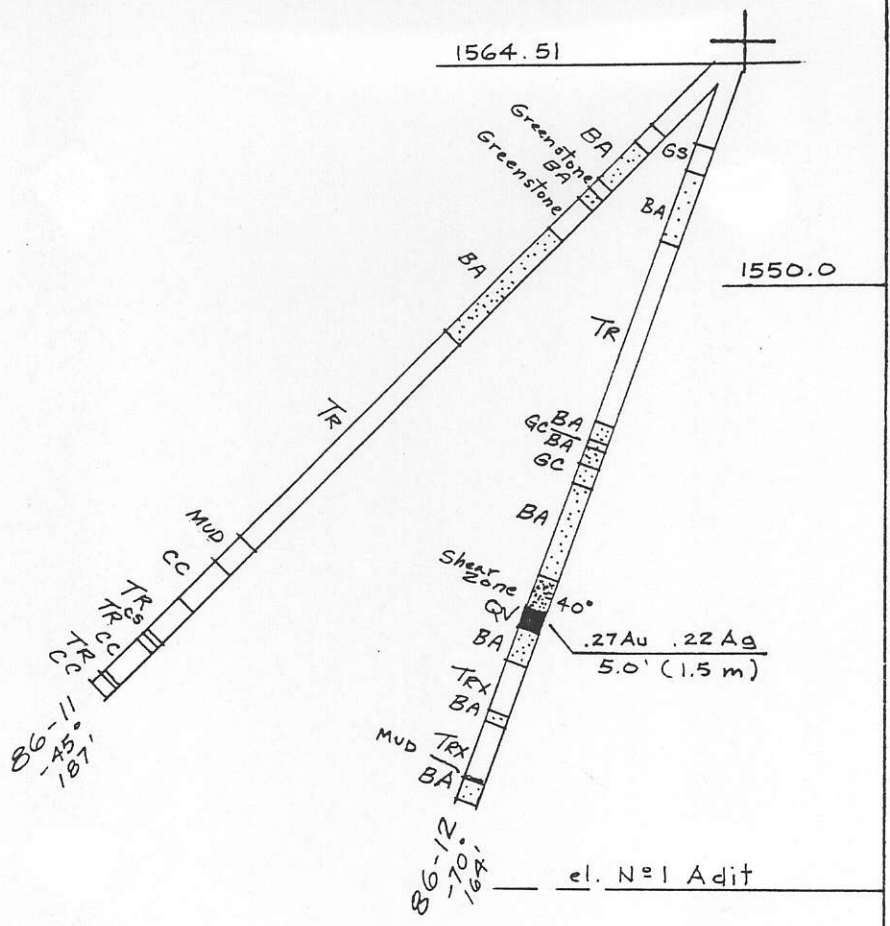
DDH No 86-8, 86-9, 86-10

J. Paxton | Fig No 7

DDH No. 86-11, 86-12

LEGEND

- TR Trachyte Dyke
- Quartz-Sulphide Vein
- Disseminated Pyrite
- BA Brown Argillite
- BC Brown Chert
- GC Grey Chert
- GCX Grey Chert Breccia
- GCS Grey Chert Sandstone
- BGB Black and Green Breccia
- GC Green Chert
- SA Sheared Agglomerate
- CC Chert Conglomerate



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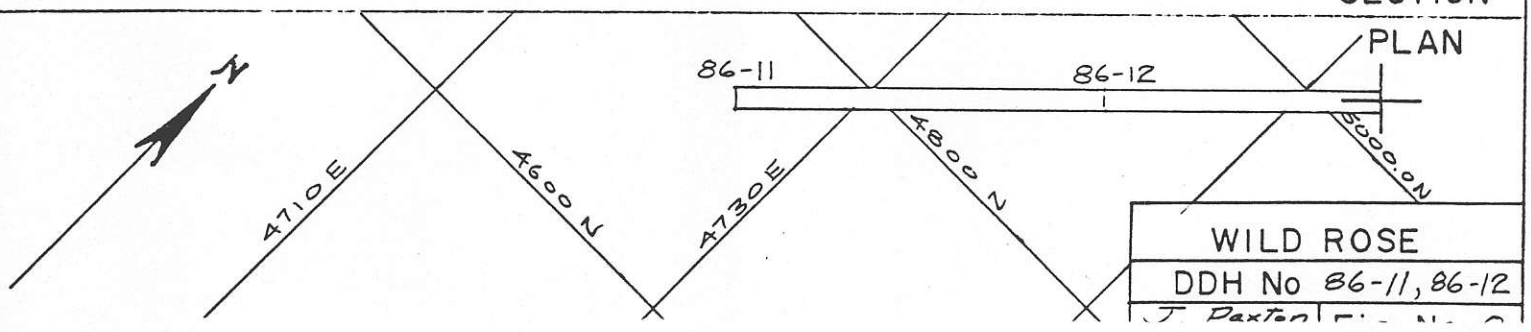
METRES 0 5 10 15

FEET 0 10 20 30 40 50

SECTION

PLAN



WILD ROSE

DDH No 86-11, 86-12

J. Paxton

7. ITEMIZED COST STATEMENT

The items are numbered in accordance with the exploration program proposed in the authors report of July 21st, 1986; "Geological Report On The Wild Rose Property, Greenwood Mining Division, British Columbia" prepared for Wild Rose Resources Ltd. of Vancouver, B.C..

Phase I

Item 1. - A detour was constructed around a particularly bad section of the road from the Robert Mine to the property. This entailed pushing in about 150 cubic yards of fill and grading it with a cat.

See Appendix IV $2500.00

Item 2 - A backhoe was brought in and the soil and loose rock to a depth of about six feet and for a distance of about 150 feet were stripped off the known vein close to the shaft. Approximately 400 cubic yards of material was remove

See Appendix IV $5,600.00

Item 3 - Trenching the major geochemical gold anomalies with a backhoe had been proposed. Several days were spent visually checking anomalies C, D, and I. Anomaly I was on a steep sidehill. Anomalies C and D did not present well defined targets. It was decided to postpone backhoe trenching until detail soil sampling could be done.

Item 4 - The debris and deadfalls were cleared away from the No. 1 and No. 2 adits so that they could be conveniently entered and surveyed.
See Appendix IV $5,000.00

Item 5 - The proposed trench drilling and blasting on the known vein near the shaft was postponed due to the uneven surface and deep oxidation of the bedrock in the trench.

Item 6 - A transit survey was made which established 21 surface stations and 12 drill hole collars, determined true north by solar observation and determined the relative elevations. Then a transit survey was made of the underground portions of adits No. 1, No. 2 and offsets measured every ten feet to establish size and shape. This work was done by A.F. Hoefsloot, B.C.L.S. of Grand Forks and the author.

Surface Survey	$1310.00	
U.G. Survey	796.00	
Drafting and Expediting	394.00	
	2500.00	$2,500.00

Item 7, Item 8, - Trench sampling mapping and assaying which had been proposed were postponed.

Item 9 - Cut and chain baseline 0.95 km baseline required

6 man days @$150/day	=	$900	
Food and meals	=	108	
Motorbike rental	=	75	
Chain saw rental	=	50	
		1133	$1,133.00

Item 10 - Survey and Flag Cross-lines 36 km of cross-line stations every 25 metres.

9.5 man days @$150/day	= $1425	
motorbike rental	= 238	
meals 9.5x$20/day	= 190	
Supplies - thread, flagging, etc.	= 181	
	2034	$2,034.00

Item 11 - Magentometer Survey

11 man days @150/day	= $1650	
Food 12x$20/day	= 240	
Instrument Rental	= 718	
Listing Data	= 40	
	2648	$2,648.00

Item 12 - VLF-EM Survey

12 man days @$150/day	= $1800	
Food 12x$20/day	= 240	
Instrument Rental	= 686	
	2726	$2,726.00

Item 13 - Geological Mapping
Done in conjunction with VLF-EM survey. Extra charge for expert knowledge and training
12 man days @166.67/day = $2,000.00

Item 14 - Soil Survey

7.5 man days @$150/day	= $1125	
Food 7.5x$20/day	= 150	
Motorbike rental	= 175	
	1450	$1,450.00

Item 15 - Assaying Charges
CDN Labs, Delta, B.C.
Preparation and analysis for 664 Au, 664 Ag, 332 As $ 6,272.00

Item 16 - Data Reduction, Drafting, Report Preparation
Reduction of magnetometer and VLF-EM data by B. Eldvayen B.Sc. Geophysics

32 hours @$12.00/hr	= $ 420	
Map Drafting	= 2425	
Typing	300	
Reproduction and Copying	= 300	
Organizing Data and writing Report	= 2555	
	6000	$ 6,000.00

Item 17 - Meals for Wild Rose Resources Ltd. personnel plus accommodation in the Robert Mine Camp for both Wild Rose Resources Ltd., and for Petralith Services Ltd. personnel. See Appendix IV $ 4,000.00

Item 18 - Travel and Expediting by Wild Rose Resources Ltd. Personnel. See Appendix IV $ 4,000.00

Item 19 - Vehicle Rental and Fuel
The 4x4 truck was rented from Robert Mines Ltd. and used by both Wild Rose Resources Ltd., and Petralith Services Ltd., personnel.
See Appendix IV $ 2,000.00
Total cost for Phase I $ 49,863.00

Phase II

1. 1710 feet of NQ drilling by Bergeron Drilling Ltd. of Greenwood, B.C. $ 51,300.00
This included drill supervision core logging, sampling and assaying provided by Petralith Services Ltd. as follows:

Assaying - CDN Labs	$1520.50
Core Splitter Rental	209.05
Meals	218.44
Transportation	233.00
J. Paxton Services	3307.50
	$5488.49

2. Contingencies as per statement in Appendix IV $ 6,270.00
Total Phase II $ 57,570.00

Total for program Phase I plus Phase II $107,433.00

8. INTERPRETATION AND CONCLUSIONS

At the beginning of the program it was assumed that the massive pyrrhotite mineralization found in the shaft could be easily traced by magnetic survey since it is usually a magnetic mineral and by VLF-EM survey since it is a good conductor. Both these assumptions were subsequently proved erroneous.

The geochemical surveys were better but it appears that the anomalies are often distorted by weathering and erosion. In particular anomaly A coincides well with the mineralization found around the shaft, however, anomalies C and D appear to be associated with disseminated low grade pyrite mineralization in greenstone. More detailed sampling needs to be done on all the soil geochemical anomalies.

As yet, none of the geochemical or geophysical surveys have discovered any new mineralized zones. The new vein that was discovered was found by the standard technique of drilling along the strike of a known mineral zone. From the drilling done so far we have five intersections of a vein which is either directly connected to the vein in the shaft or an on-strike repetition of it. The weighted average grade is as follows:

Hole No.	Intersection Width	True Width	Assay Au OZ/T	AXW Au	Assay Ag OZ/T	AXW Ag
86-5	5.5	5.4	.33	1.80	.47	2.54
86-6	4.4	4.2	.14	.59	.35	1.47
86-8	5.0	4.95	.17	.84	.17	.84
86-9	4.5	3.69	.049	.18	.04	.15
		18.24		3.41		5.00

Weighted Average Grade = $\frac{3.41}{18.24}$ = 0.19 OZ/T Au $\frac{5.00}{18.24}$ = 0.27 OZ/T Ag

Assume 1 oz Au equivalent to 100 oz Ag.
Then gold equivalent grade = 0.19+0.027=0.22 oz/T Au
This is over a mean true width = $\frac{18.24}{4}$ = 4.56 feet

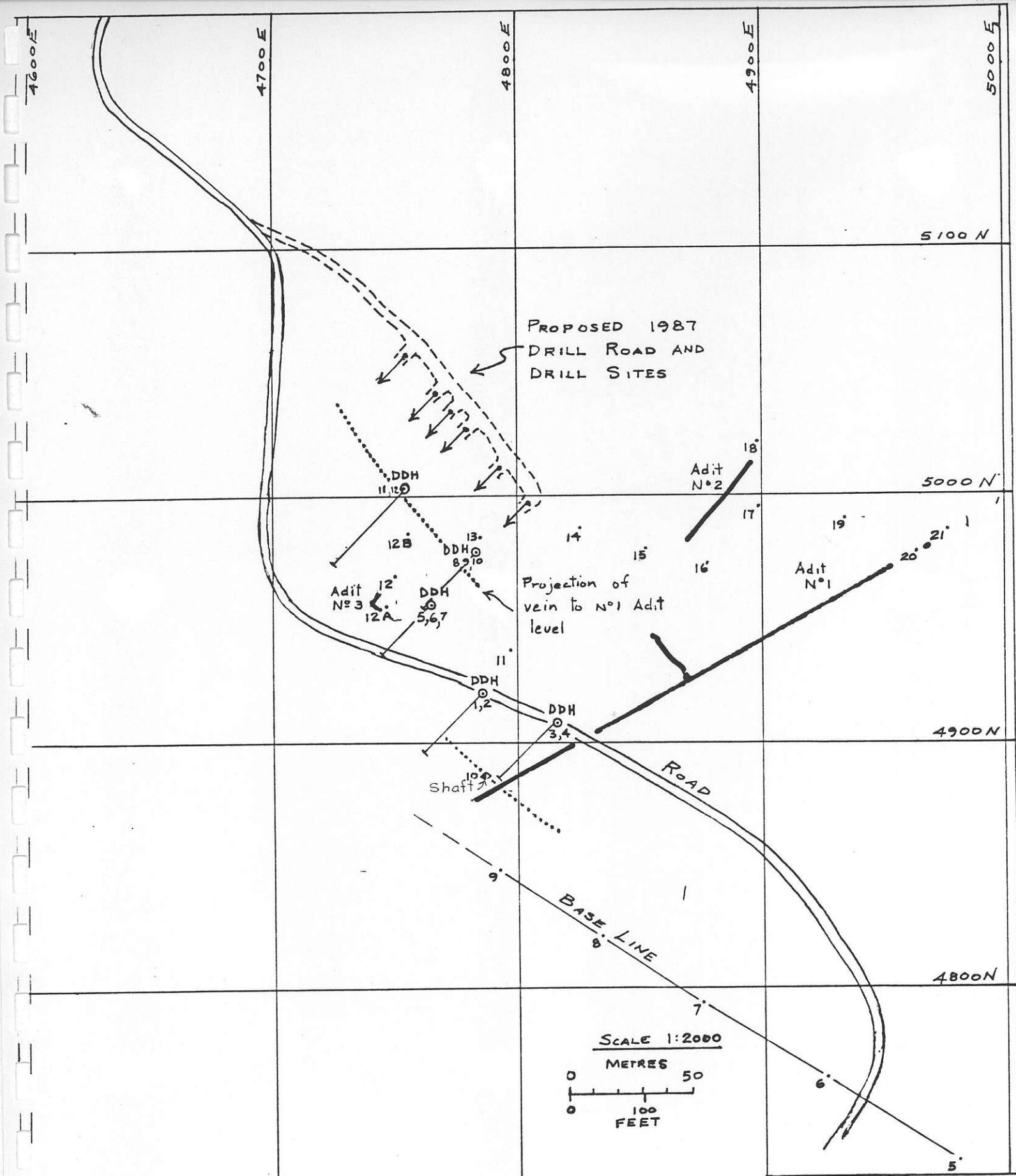
Considering the location of the property close to an existing mill, and also the underground development work that has already been done material grading 0.22 oz Au/Ton over 4.56 feet would be ore grade.

The mineralogy is similar to that of the Mascot Gold Mines Ltd. property being developed near Hedley, B.C.. The present grade is low but there is a very good chance that more drilling would locate ore of substantially higher grade. It is therefore recommended that more close spaced drilling be done to trace the vein on strike and to provide a better estimate of grade and hopefully to discover a high grade ore-shoot which would pay for development.

9. - RECOMMENDATIONS FOR FUTURE WORK

It is recommended that the objective of future work should be to determine the size and grade of the vein discovered in the 1986 drilling with the hope that it would justify enlarging the present No. 1 adit and drifting out to it.

Therefore it is proposed that a series of holes be drilled to intersect the vein at the level of the No. 1 adit and to trace it along strike at this elevation as far as possible. If this program is successful then a series of additional holes should be drilled to trace the vein 150 feet (50 metres) below the adit level with the objective of developing a second level via a decline. If a block of ore of 50,000 tons above a grade of 0.20 oz Au/Ton can be proven then it should be possible to go into production on a continuous basis.



WILD ROSE

PLAN OF
PROPOSED DRILLING

J. Paxton
15/12/86

Fig N° 10

10. - PROPOSED 1987 PROGRAM AND COST ESTIMATES

PHASE I

	Estimated Cost
1. 600 feet (183 metres) of access road and drill sites (See Fig.10) 75 hours of cat, backhoe, and loader time at 100 per hour	$ 7,500
2. 2000 feet (915 metres) of NQ drilling to intersect vein at level of the No. 1 Adit 2000 feet x $25/foot	$50,000
3. Charges for supervision, sampling, core logging, assaying, core transport and storage 2000 x $8/foot	$16,000
Total Phase I	$73,500

PHASE II

Phase II is contingent on positive and encouraging results from Phase I.

1. 2000 feet (915 metres) of NQ drilling to intersect vein at approximately 100 feet (30 metres) below the No. 1 Adit level 2000 x $25/foot	$50,000
2. Charges for supervision, sampling, core logging, assaying, core transport and storage 2000 x $8/foot	$ 16,000
Total for Phase II	$ 66,000
Total for Phase I plus II	$139,500

DATED:

JAMES PAXTON, P. Eng.
President Petralith Services Ltd.

11. REFERENCES

Little, H.W. - 1979; Geology of the Greenwood Map-Area British Columbia GSC Paper 79-29

Smitheringale, W.G. - 1983; Geological Report on the Wild Rose Property, Greenwood Mining Division British Columbia; unpublished report prepared for Silver Hoarde Resources Inc., Vancouver, B.C.

Paxton, J. - 1980; The Mining Potential of the Phoenix Area, Grand Forks, B.C. unpublished report prepared for Noranda Mines Ltd., Vancouver, B.C.

Paxton J. - 1986; Geological Report on the Wild Rose Property, Greenwood Mining Division, British Columbia; unpublished report prepared for Wild Rose Resources Ltd., Vancouver, B.C.

12 - CERTIFICATION

I, James Paxton, 5086 Topaz Place, in the Municipality of Richmond, in the Province of British Columbia, do hereby certify that:

1. I am a graduate of the University of Saskatchewan (1953) holding a B.A. degree in Geology.

2. I have practiced as a Mining and Exploration Geologist in Canada for over twenty-five years and have been a Consulting Geologist on a regular basis for the past two years.

3. I am a registered member in good standing of the Association of Professional Engineers of British Columbia, a Fellow of the Geological Association of Canada and a Member of the Canadian Institute of Mining and Metallurgy.

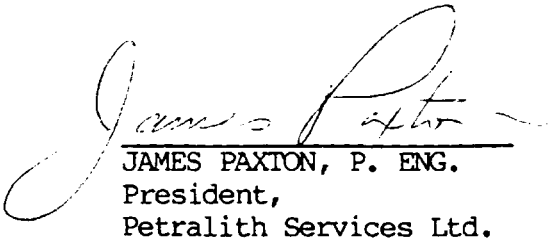
4. I am President of Petralith Services Ltd., a private Geological Consulting Company registered in British Columbia.

5. This report is based on work done or directly supervised on the site between August 7th and December 1st, 1986 totalling 40 days.

6. I have no interest, either directly or indirectly, nor do I expect to receive any interest, in the property described herein or in the securities of Wild Rose Resources Ltd. or Robert Mines Ltd.

7. I hereby consent to this report, or any part of it taken in context and in the full meaning of the whole report, being quoted by Wild Rose Resources Ltd., in a prospectus or public statement.

DATED: July 21, 1986



JAMES PAXTON, P. ENG.
President,
Petralith Services Ltd.

August 11/86

LINE	N	TIME	READ	ΔT (min)	Daily Correction	Drift Correction
0+00W	5+00	11:33	57521	—	521	547
	4+75	35	545	-2	544	570
	4+50	36	508	-3	507	533
	4+25	39	527	-6	526	553
	4+00	42	522	-9	522	548
	3+75	44	607	-11	606	632
	3+50	45	631	-12	630	656
	3+25	47	568	-14	567	593
	3+00	50	555	17	554	580
	2+75	54	552	21	551	577
	2+50	12-01	524	27	523 523	559
	2+25	05	556	34	555 555	581
	2+00	07	551	36	550 550	576
	1					
	1+50	14	549	43	547 548	574
	1+25	32	531	51	529 529	555
	1+00	36	513	55	511 511	537
	0+75	39	529	58	527 527	553
	0+50	44	541	63	539 539	565
	0+25	52	474	71	472 472	498
	0+00	56	467	75	464 465	491
0+25W	0+00	1:02	576	81	573 574	600
	0+25	10	593	89	590 591	517
	0+75	13	576	92	573 574	600
	1+00	17	656	96	653 654	680
	1+25	20	627	99	624 625	651
	1+50	22	630	101	626 627	653
	1+75	25	441	104	437 438	464
	2+00	27	518	106	514 515	541
	2+25	28	530	107	526 527	553

August 11/86

LINE	N	TIME	HEAD				
	2+75	1 32	537	111	535	534	560
	3+00	34	551	113	547	548	574
	3+25	37	556	116	552	553	579
	3+50	39	557	118	553	554	580
	3+75	42	543	121	539	540	566
	4+00	2 02	524	141	519	521	547
	4+25	04	511	143	506	508	534
	4+50	06	547	145	542	544	570
	4+75	07	592	146	587	589	615
	5+00	10	529	149	523	526	552
0+00W	5+00	12	524	close	—	(521)	547

149 min start 521, close 524 +3 50 subtract

1st corr. 1 % every 50 min

2nd corr. 521 to 547

+ 16 % to all stations

(23)

0+00W	5+00	2 39	57519	57519	—	519	547
	5+25	40	267	267	1	267	295
	5+50	42	529	529	3	529	557
	5+75	43	523	523	4	523	551
	6+00	44	476	476	5	476	504
	6+25	45	468	467	6	466	494
	6+50	46	466	465	7	464	492
	6+75	47	476	475	8	474	502
	7+00	49	508	507	10	506	534
	7+25	50	425	424	11	423	451
	7+50	51	453	452	12	455	479
	7+75	52	453	452	13	455	479
*	7+90		429	423		429	452
	8+00	55	427	426	16	427	455
	8+25	56	427	426	17	427	455
	8+50	58					

August 11/86

LINE	ID	TIME	READ					
	8+75	3 00	446	444	21	444	472	36
	9+00	05	462	460	26	460	488	
	9+25	07	458	456	28	456	484	
*	9+45		492	490		490	518	
	9+50	11	456	454	32	454	482	
	9+75	13	481	478	34	478	506	
	10+00	14	469	466	35	466	494	
0+25W	10+00	19	440	437	40	437	465	
	9+75	22	453	449	43	449	477	
	9+50	29	451	447	50	447	475	
	9+25	29	451	447	50	447	475	
	9+00	32	449	445	53	445	473	
	8+75	36	439	434	57	434	462	
	8+50	38	492	487	59	487	515	
	8+25	39	494	489	60	489	517	
	8+00	41	407	402	62	402	430	
	7+75	42	476	471	63	471	499	
	7+50	43	527	522	64	522	550	
	7+25	44	424	419	65	419	547	
	7+00	48	415	409	69	409	437	
	6+75	49	388	382	70	382	410	
	6+50	50	415	409	71	409	437	
	6+25	51	422	416	72	416	444	
	6+00	52	467	461	73	468	489	
	5+75	53	480	474	74	474	502	
	5+50	54	465	459	75	459	487	
	5+25	55	507	501	76	501	529	
	5+00	57	538	531	78	531	559	
0+00W	5+00	58	528	519	79	519	547	

Time diff = 58 + 21 = 79 minutes

δ diff = 519 − 528 = −9 = −6/9 minutes

August 12/86

LINE	N	TIME	READ	ΔT (min)	Corr 1 (γ)	
6+00w	5+00	9 25	57472	–	472	466
	4+75	27	401	2	402	396
	4+50	29	464	4	465	459
	4+25	30	480	5	482	476
	4+00	32	444	7	446	440
	3+75	34	458	9	461	455
	3+50	35	489	10	492	486
	3+25	38	438	13	442	436
	3+00	41	491	16	496	490
	2+75	44	457	19	463	457
	2+50	45	961	20	467	461
	2+25	1001	458	36	469	463
	2+00	03	434	38	446	440
	1+75	04	466	39	488	482
	1+50	05	429	40	441	435
	1+25	06	437	41	450	444
	1+00	08	452	43	465	459
	0+75	09	920	44	434	428
	0+50	10	964	45	478	472
	0+25	11	411	46	425	419
	0+00	12	417	47	432	426
6+25w	0+00	40	424	75	447	441
	0+25	43	404	78	428	422
	0+50	44	407	79	431	425
	0+75	48	420	83	446	440
	1+00	50	436	85	462	456
	1+25	52	421	87	448	442
	1+50	54	494	89	472	466
	1+75	55	440			

August 12/86

LINE	N	TIME	READ	ΔT		
	2+00	1056	479	91	507	501
	2+25	57	474	92	502	496
	2+50	58	449	93	478	472
	2+75	1100	418	95	447	441
	3+00	01	459	96	489	483
	3+25	03	455	98	485	479
	3+50	05	429	100	460	454
	3+75	07	392	102	424	418
	4+00	08	439	103	471	465
	4+25	10	646	105	679	673
	4+50	12	453	107	486	480
	4+75	14	932	109	966	960
	5+00	16	334	111	368	362
6+00W	5+00	18	437	Close —	472	466

+.5% in 111 min

2nd corr from 472 to 466

Subt 6 from all stations

160 124 min

				ΔT		
6+00W	5+00	1133	57439	—	439	466
	5+25	35	428	2	428	455
	5+40	37	416	4	415	442
	5+50	38	404	5	403	430
	5+75	44	438	11	437	464
	6+00	45	162	12	160	187
	6+25	47	391	14	389	416
	6+50	50	378	17	376	403
	6+75	55	445	22	442	469
	7+00	58	363	25	360	387
	7+25	1200	504	27	500	527
	7+50	04	433	31	429	456
	7+75	06	394	33	390	417

August 12/86

LINE	N	TIME	READ			
	8+00	12 08	392	35	387	414
	8+25	10	410	37	405	432
	8+50	13	424	40	419	446
	8+75	15	410	42	405	432
	9+00	16	398	43	392	419
	9+25	18	431	45	425	452
	9+50	20	440	47	434	461
	9+75	23	459	50	453	480
	10+00	26	419	53	412	439
6+25 W	10+00	1 50	452	137	434	461
	9+75	54	430	141	412	439
	9+50	56	416	143	398	425
	9+25	57	407	144	388	415
	9+00	58	402	145	383	410
	8+75	59	407	146	388	415
	8+50	1 00	381	147	362	389
	8+25	02	401	149	382	409
	8+00	03	388	150	369	396
	7+75	05	388	152	368	395
	7+50	06	417	153	397	424
	7+25	08	401	155	381	408
	7+00	13	405	160	384	411
	6+75	16	356	163	334	361
	6+50	22	367	169	345	372
	6+25	25	391	172	369	396
	6+00	27	446	174	424	451
	5+75	29	453	176	430	457
	5+50	31	396	178	373	400
	5+25	34	431	181	408	435
	5+00	36	341	183	317	344
6+00 W	5+00	37	455		1129	111

August 12/86

+35
-16

LINE	N	TIME	READ	ΔT		
6+50W	5+00	2 30	57496	-	446	443
	4+75	33	458	3	477	474
	4+50	35	449	5	468	465
	4+25	37	954	7	473	470
	4+00	39	409	9	428	425
	3+75	43	442	13	460	457
	3+50	45	987	15	505	502
	3+25	47	983	17	501	498
	3+00	51	473	21	491	488
	2+75	54	463	24	481	478
	2+50	56	994	26	512	509
	2+25	58	443	28	461	458
	2+00	3 00	452	30	470	467
	1+75	01	435	31	453	450
	1+50	02	429	32	447	444
	1+25	03	397	33	415	412
	1+00	04	500	34	518	515
	0+75	07	437	37	455	452
	0+50	08	427	38	444	441
	0+25	09	424	39	441	438
	0+00	10	434	40	451	448
6+75W	0+00	37	419	67	436	433
	0+25	38	428	68	445	441
	0+50	39	442	69	459	456
	0+75	40	445	70	462	459
	1+00	42	470	72	487	484

August 12/86

LINE	N	TIME	READ			
	1+50	3 44	517	74	554	551
	1+75	45	491	75	508	505
	2+00	46	511	76	528	525
	2+25	47	463	77	480	477
	2+50	48	458	78	475	472
	2+75	49	490	79	507	504
	3+00	54	480	84	497	494
	3+25	57	465	87	482	479
	3+50	4 00	501	90	517	514
	3+75	04	572	94	588	585
	4+00	05	452	95	468	465
	4+25	07	422	97	438	435
	4+50	09	481	99	497	494
	4+75	10	468	100	484	481
	5+00	11	474	101	490	487
6+50W	5+00		450	close	446	443

28

August 13/86

				ΔT		
6+50W	5+00	746	57461	-	461	443
	5+25	47	472	1	472	444
	5+50	49	480	3	480	457
	5+75	54	471	8	472	444
	6+00	8 02	503	16	505	477
	6+25	05	438	19	440	412
	6+50	07	434	21	436	408
	6+75	10	412	24	415	387
	7+00	15	384	29	387	359
	7+25	17	474	31	478	450
	7+50	22	450	21	454	427

August 13/86

LINE	N	TIME	READ	ΔT		
	7+75	8 25	472	39	477	449
	8+00	29	404	43	409	381
	8+25	30	435	44	440	412
	8+50	31	461	45	466	438
	8+75	35	486	49	492	464
	9+00	36	486	50	492	464
	9+25	37	482	51	488	460
	9+50	40	430	54	436	414
	9+75	42	457	56	463	435
	10+00	43	443	57	450	422
6+75W	10+00	9 04	438	78	447	426
	9+75	05	413	79	422	394
	9+50	06	483	80	492	464
	9+25	07	431	81	440	412
	9+00	08	401	82	410	382
	8+75	11	453	85	463	435
	8+50	12	444	86	454	426
	8+25	15	426	89	436	414
	8+00	16	443	90	453	425
	7+75	17	388	91	399	371
	7+50	18	445	92	446	427
	7+25	20	471	94	482	454
	7+00	22	342	96	353	325
	6+75	26	293	98	304	276
	6+50	30	522	104	534	506
	6+25	32	406	106	418	390
	6+00	34	555	108	567	539
	5+75	36	491	100	504	476
	5+50	39	494	113	507	479
	5+25	43	402	117	416	388
	5+00	45	475	119	489	461
6+50W	5+00	47	447	close.	461	422

August 13/86

LINE	N	TIME	READ	DT		
7+00W	5+00	1008	57467	—	57481	450
	4+75	12	445	6	459	428
	4+50	16	427	10	441	410
	4+25	18	421	12	435	404
	4+00	20	471	14	485	454
	3+75	22	525	16	539	508
	3+50	25	476	19	489	458
	3+25	28	455	22	468	437
	3+00	30	462	24	475	444
	2+75	35	445	29	458	427
	2+50	37	459	31	472	441
	2+25	39	451	33	464	433
	2+00	40	438	34	451	420
	1+75	42	427	36	440	409
	1+50	44	432	38	443	412
	1+25	45	407	39	419	388
	1+00	46	421	40	433	402
	0+75	47	415	41	427	396
	0+50	48	403	42	415	384
	0+25	49	407	43	419	388
	0+00	51	387	45	399	368
7+25W	0+00	16	438	70	449	418
	0+25	17	397	71	402	371
	0+50	18	443	72	454	423
	0+75	20	413	74	424	393
	1+00	22	411	76	422	391
	1+25	25	422	79	433	402

August 13/86

LINE	N	TIME	READ	DT		
	1+50	11 26	422	80	432	401
	1+75	27	441	81	451	420
	2+00	28	427	82	437	406
	2+25	29	445	83	455	424
	2+50	30	465	84	475	444
	2+75	32	427	86	437	406
	3+00	33	445	87	455	424
	3+25	39	455	88	465	434
	3+50	35	453	89	463	432
	3+75	36	470	90	480	449
	4+00	44	467	98	477	446
	4+25	45	607	99	617	586
	4+50	47	451	101	450	419
	4+75	49	445	103	454	423
	5+00	53	477	107	486	455
7+00W	5+00			close.		
				+14	(6	
				-8		
					+6	
7+00W	5+00	104	57475	—	57481	4450
	5+25	06	534	2	540	509
	5+50	08	459	4	465	434
	5+75	12	390	8	395	364
	6+00	19	475	10	480	449
	6+25	16	504	12	509	478
	6+50	17	539	13	543	412
	6+75	18	498	14	502	471
	7+00	20	423	16	427	496
	7+25	24	405	20	409	4378
	7+50	26	500	22	503	5472

August 13/86

LINE	N	TIME	READ			
	7+75	1 28	437	24	440	1409
	8+00	30	360	26	363	332
	8+25	31	419	27	422	391
	8+50	32	468	28	471	440
	8+75	33	394	29	396	365
	9+00	35	434	31	436	1405
	9+25	36	489	32	491	460
	9+50	37	418	33	420	389
	9+75	39	418	35	420	389
	10+00	40	437	36	439	408
7+25W	10+00	2 06	392	62	390	4359
	9+75	07	437	63	435	404
	9+50	08	427	64	425	394
	9+25	09	450	65	448	417
	9+00	10	591	66	589	558
	8+75	11	667	67	665	634
	8+50	12	400	68	398	367
	8+25	13	431	69	429	398
	8+00	14	369	70	366	365
	7+75	15	571	71	568	537
	7+50	16	359	72	556	325
	7+25	17	703	73	700	669
	7+00	19	463	75	460	429
	6+75	21	452	77	449	418
	6+50	24	491	80	487	456
	6+25	29	468	85	464	433
	6+00	30	425	86	420	389
	5+75	32	408	88	403	372
	5+50	36	440	92	435	404
	5+25	38	480	94	474	443
	5+00	40	478	96	472	441
7+00W	5+00	42	463	close	431	450

August 19 /86

LINE	N	TIME	READ	ΔT (min)		
7+50W	5+00	7 52	57475	—	57475	4141
	5+25	57	494	5	494	4160
	5+50	8 03	609	11	610	5176
	5+75	05	610	13	611	5177
	6+00	07	458	15	459	3925
	6+25	08	523	16	525	4491
	6+50	09	455	17	457	4483
	6+75	11	481	19	483	4149
	7+00	12	445	20	447	4413
	7+25	15	549	23	551	4717
	7+50	18	360	26	363	3129
	7+75	21	374	29	377	3335
	8+00	23	443	31	446	4112
	8+25	25	789	33	792	7158
	8+50	26	287	34	291	3257
	8+75	28	362	36	366	4332
	9+00	30	397	38	401	4367
	9+25	31	540	39	544	5510
	9+50	32	546	40	550	5516
	9+75	33	436	41	440	4406
	10+00	35	488	43	492	4458
7+75W	10+00	9 04	290	72	297	2463
	9+75	06	167	74	175	2241
	9+50	07	415	75	423	4389
	9+25	08	474	76	482	4448
	9+00	09	239	77	247	2213
	8+75	11	621	79	629	5595

August 14/86

LINE	N	TIME	READ	OT		
	8+50	9 12	549	80	557	523
	8+25	13	488	81	496	462
	8+00	16	449	84	458	424
	7+75	17	799	85	808	774
	7+50	18	495	86	504	470
	7+25	20	422	88	431	397
	7+00	24	376	92	386	352
	6+75	27	469	95	469	435
	6+50	30	418	98	428	394
	6+25	34	474	102	494	460
	6+00	35	555	103	566	532
	5+75	37	488	105	499	465
	5+50	38	456	106	467	433
	5+25	45	461	113	473	429
	5+00	47	429	115	441	407
7+50W	5+00	48	463	close	475	441

+12%

				OT		
8+00N	5+00	9 56	57467	—	57479	57445
	5+25	10 01	340	5	353	319
	5+50	04	474	8	488	454
	5+75	06	521	10	535	501
	6+00	07	505	11	520	486
	6+25	08	549	12	564	530
	6+50	09	420	13	436	402
	6+75	17	484	21	452	418
	7+00	16	443	20	461	427
	7+25	31	487	35	508	474
	7+50	33	516	—	520	486

August 14/86

LINE	N	TIME	READ			
	7+75	1035	516	39	538	504
	8+00	38	447	42	470	436
	8+25	39	443	43	466	432
	8+50	41	448	45	472	438
	8+75	43	535	47	560	526
	9+00	44	580	48	605	571
	9+25	45	658	49	683	649
	9+50	47	387	51	413	379
	9+75	49	640	53	666	632
	10+00	50	354	54	380	346
8+00W	5+00	1137	440	—	479	445
	Deadhead : back to start.				+12 +27	
8+00W	5+00	1140	440	—	479	445
	4+75	45	488	5	527	493
	4+50	49	450	9	489	455
	4+25	54	441	14	480	444
	4+00	56	416	16	455	421
	3+75	57	455	17	494	460
	3+50	58	403	18	442	408
	3+25	1200	402	20	441	407
	3+00	20	392	40	431	397
	2+75	23	402	43	441	407
	2+50	25	422	45	461	427
	2+25	27	444	47	483	449
	2+00	29	411	49	450	416
	1+75	30	389	50	428	394
	1+50	36	393	56	432	398
	1+25	38	367	58	406	372
	1+00	39	380	59	419	385
	0+75	42	372	62	411	377

August 14/8

LINE	N	TIME	READ			
	0+25	12 45	356	65	395	361
	0+00	46	359	66	398	364
7+75W	0+00	1 02	439	82	478	434
	0+25	04	387	84	426	392
	0+50	05	389	85	428	394
	0+75	06	394	86	433	399
	1+00	07	401	87	440	409
	1+25	08	451	88	490	456
	1+50	09	471	89	510	476
	1+75	10	415	90	454	420
	2+00	11	431	91	470	436
	2+25	12	419	92	458	424
	2+50	14	419	94	458	424
	2+75	15	449	95	488	454
	3+00	16	442	96	481	447
	3+25	17	430	97	469	435
	3+50	18	451	98	490	456
	3+75	19	447	99	486	452
	4+00	20	443	100	482	448
	4+25	21	464	101	423	389
	4+50	25	471	105	500	476
	4+75	27	407	107	446	412
	5+00	30	415	110	454	420
8+00W	5+00	32	440	close.	479	445

17 / 30

August 19/96

LINE	N	TIME	READ	ΔT	X	
3+25W	5+00	7 15	57443	—		407
	4+75	49	436	4	437	401
	4+50	51	483	6	485	448
	4+25	53	656	8	659	622
	4+00	55	812	10	815	878
	3+75	8 00	647	15	649	612
	3+50	02	589	17	594	557
	3+25	06	559	21	665	628
	3+00	10	548	25	554	517
	2+75	12	534	27	541	504
	2+50	15	551	30	560	523
	2+25	17	593	32	602	665
	2+00	21	577	36	587	551
	1+75	22	567	37	577	541
	1+50	24	566	39	567	531
	1+25	25	556	40	567	531
	1+00	27	541	42	552	516
	0+75	30	523	45	535	499
	0+50	31	528	46	541	505
	0+25	32	533	47	546	510
	0+00	34	541	49	554	518
3+00W	0+00	39	536	54	551	515
	0+25	40	558	55	573	537
	0+50	42	550	57	566	530
	0+75	45	564	60	581	545
	1+00	45	556	60	573	537
	1+25	46	557	61	574	538
	1+50	49	590	64	607	571
	1+75	52	598	67	617	581
	2+00	55	608	70	627	591
	2+25	59	602	74	622	586

August 19/91

LINE	N	TIME	HEAD			
	2+75	9 05	521	80	545	509
	3+00	08	521	83	552	516
	3+25	14	567	89	587	551
	3+50	18	609	93	635	599
	3+75	21	521	96	548	512
	4+00	23	433	98	460	524
	4+25	24	454	99	481	445
	4+50	25	478	100	505	469
	4+75	26	478	101	505	469
	5+00	28	530	103	558	522
3+25W	5+00	30	414	close		407

2+75W	5+00	9 35	57503	—	57532	482
	4+75	36	505	1	534	484
	4+50	39	508	4	538	488
	4+25	40	531	5	561	511
	4+00	41	477	6	508	458
	3+75	43	470	8	477	427
	3+50	45	500	10	538	488
	3+25	49	550	14	589	539
	3+00	52	551	17	585	535
	2+75	55	502	20	537	487
	2+50	1005	504	25	540	490
	2+25	08	592	28	642	592
	2+00	11	583	30	623	573
	1+75	13	562	34	621	571
		15	634	35	684	634

August 19/86

19

August 19/86

LINE	FT	TIME	READ			
	1+00	1015	544	40	585	535
	0+75	16	524	41	565	515
	0+50	18	520	44	562	512
	0+25	20	508	45	550	500
	0+00	22	555	47	598	548
2+50W	0+00	26	525	51	569	519
	0+25	40	521	65	569	519
	0+50	41	551	66	600	550
	0+75	42	550	65	599	549
	1+00	43	564	70	614	564
	1+25	45	565	70	615	565
	1+50	47	579	74	630	580
	1+75	50	549	75	600	550
	2+00	52	566	77	618	568
	2+25	54	521	80	574	524
	2+50	56	551	84	565	515
	2+75	1100	515	86	569	519
	3+00	0	514	91	570	520
	3+25	04	563	94	640	590
	3+50	06	500	96	563	513
	3+75	08	498	98	561	511
	4+00	10	492	100	562	512
	4+25	15	498	100	576	526
	4+50	16	537	101	596	546
	4+75	18	517	104	579	529
	5+00	20	521	106	589	539
2+50W	5+00	38	521		532	482

August 19/86

LINE	N	TIME	READ			
	2+75	1 22	528	90	584	528
	3+00	25	698	93	754	698
	3+25	25	471	93	527	471
	3+50	30	506	98	562	506
	3+75	32	525	100	581	525
	4+00	35	554	103	609	553
	4+25	90	502	108	557	501
	4+50	40	510	108	565	509
	4+75	41	474	107	529	473
	5+00	42	496	110	651	595
2+25W	5+00	44	499	close.	554	498

+55 74

1+50W	5+00	2 50	57525	—	57580	506
1+75W	5+00	53	496	3	551	477
	4+75	56	507	6	561	487
	4+50	59	509	9	563	589
	4+25	3 00	508	10	562	588
	4+00	02	550	12	604	530
	3+75	04	568	14	622	548
	3+50	09	548	19	601	527
	3+25	10	536	20	589	515
	3+00	11	486	21	539	485
	2+75	14	533	24	586	512
	2+50	19	686	29	738	687
	2+25	22	598	32	650	576
	2+00	27	582	37	634	580
	1+75	30	592	40	643	589

LINE	N	TIME	READ	ΔT (min)		
	1+25	3 31	582	41	633	579
	1+00	35	549	45	600	526
	0+75	36	580	46	631	577
	0+50	37	571	47	622	548
	0+25	40	559	50	609	535
	0+00	40	541	50	591	517
1+50W	0+00	45	562	55	612	538
	0+25	50	596	60	645	591
	0+50	52	635	62	684	610
	0+75	55	584	65	633	579
	1+00	59	586	69	635	581
	1+25	4 00	607	70	656	582
	1+50	01	621	71	679	605
	1+75	05	662	75	710	636
	2+00	06	684	76	732	671
	2+25	09	710	79	758	685
	2+50	12	572	82	619	545
	2+75	15	462	85	509	435
	3+00	17	538	87	585	511
	3+25	20	560	90	609	533
	3+50	25	579	95	625	551
	3+75	27	531	97	589	503
	4+00	29	547	99	593	519
	4+25	30	514	100	563	589
	4+50	32	562	102	608	534
	4+75	35	525	105	570	496
	5+00	39	535	close	580	506

August 20/86

LINE	N	TIME	READ	ΔT (min)		
5+75W	5+00	7 58	57496	—		478
	4+75	59	473	1	473	455
	4+50	8 00	459	2	460	442
	4+25	01	476	3	477	459
	4+00	02	441	4	443	425
	3+75	04	441	6	443	425
	3+50	05	496	7	499	481
	3+25	10	491	12	496	478
	3+00	10	482	12	487	465
	2+75	11	547	13	552	534
	2+50	12	520	14	525	507
	2+25	15	526	17	533	515
	2+00	15	514	17	521	503
	1+75	16	500	18	507	489
	1+50	19	530	21	539	521
	1+25	19	480	21	489	471
	1+00	20	500	22	509	491
	0+75	20	486	22	495	477
	0+50	21	469	23	478	460
	0+25	21	487	23	496	478
	0+00	23	468	25	478	460
5+50W	0+00	25	486	27	497	479
	0+25	26	488	28	499	481
	0+50	29	500	31	513	495
	0+75	30	490	32	503	485
	1+00	30	473	32	486	468
	1+25	30	517	32	530	512
	1+50	31	501	33	514	496
	1+75	32	524	34	538	520
	2+00	32	516	34	530	512
	2+25	33	522	35	536	518

August 20/86

LINE	N	TIME	READ			
	2+75	8 35	515	37	530	512
	3+00	39	544	37	559	541
	3+25	36	428	38	443	425
	3+50	40	505	42	522	504
	3+75	42	543	44	561	543
	4+00	44	456	46	475	457
	4+25	46	509	48	529	511
	4+50	49	494	51	515	497
	4+75	50	489	52	510	492
	5+00	50	487	52	508	490
5+75 W	5+00	52	476	close	496	478

(52)

5+25 W	5+00	8 56	57518		57540	488
	4+75	9 00	490	4	514	462
	4+50	01	529	5	553	501
	4+25	02	483	6	507	455
	4+00	05	506	9	532	480
	3+75	06	442	10	468	416
	3+50	08	600	12	627	575
	3+25	10	471	14	498	456
	3+00	11	383	15	411	359
	2+75	14	559	18	588	533
	2+50	15	624	19	653	601
	2+25	15	546	19	575	523
	2+00	17	526	21	556	504
	1+75	19	499	23	530	478
	1+50	20	522	24	553	501
	1+25	20	510	24	541	489

August 20/80

LINE	N	TIME	READ			
	1+00	20	503	24	534	482
	0+75	21	496	25	528	476
	0+50	22	501	26	533	481
	0+25	24	491	28	524	472
	0+00	25	501	29	524	472
5+00W	0+00	26	506	30	540	488
	0+25	27	518	31	552	500
	0+50	30	500	34	535	483
	0+75	30	532	34	567	515
	1+00	31	544	35	579	527
	1+25	34	547	38	584	532
	1+50	35	546	39	583	531
	1+75	38	581	42	619	567
	2+00	40	621	44	660	608
	2+25	42	423	46	463	411
	2+50	42	427	46	467	415
	2+75	44	475	48	516	464
	3+00	45	484	49	526	474
	3+25	46	525	50	567	515
	3+50	47	479	51	521	469
	3+75	50	484	54	527	475
	4+00	50	506	54	550	498
	4+25	51	519	55	563	511
	4+50	55	482	59	527	475
	4+75	56	430	60	475	423
	5+00	57	482	61	527	475
5+25W	5+00	1000	493	Close	540	488

26 ✓ (44) August 20/8

LINE	N	TIME	READ			
4+75W	5+00	10 20	57480	—	57527	483
	4+75	20	450	—	497	453
	4+50	21	508	1	555	511
	4+2[illegible]	23	488	3	535	491
	4+00	25	491	5	538	494
	3+75	25	480	5	527	483
	3+50	29	487	9	534	490
	3+25	30	455	10	501	467
	3+00	30	475	10	521	487
	2+75	31	478	11	524	490
	2+50	32	491	12	537	493
	2+[illegible]	34	451	14	497	453
	2+00	35	541	15	587	543
	1+75	37	566	17	612	568
	1+50	39	566	19	612	568
	1+25	40	575	20	621	577
	1+00	40	507	20	553	509
	0+75	41	509	21	555	511
	0+50	42	493	22	539	495
	0+25	43	495	23	541	497
	0+00	44	486	24	532	488
4+50W	0+00	45	523	25	569	525
	0+25	45	482	25	528	484
	0+50	46	511	26	557	513
	0+75	48	583	28	628	594
	1+00	49	563	29	608	574
	1+25	49	530	29	575	531
	1+50	50	469	30	514	470
	1+75	52	464	32	509	465
	2+00	53	521	33	566	522
	2+25	55	473	35	518	474
	2+50	55	[illegible]	[illegible]	[illegible]	[illegible]

August 20/06

LINE	N	TIME	READ			
	2+75	10 59	501	39	546	502
	3+00	59	497	39	542	498
	3+25	11 00	480	40	525	481
	3+50	00	487	40	532	488
	3+75	02	529	42	574	430
	4+00	05	473	45	518	474
	4+25	06	501	46	545	501
	4+50	11	493	51	537	493
	4+75	14	464	54	508	464
	5+00	15	507	55	551	507
4+75 W	5+00	16	483	close.	527	483

-54

9+25 W	5+00	11 30	57507	—	57551	497
	4+75	30	472	—	516	462
	4+50	31	459	1	503	449
	4+25	35	465	5	508	454
	4+00	36	490	6	532	478
	3+75	39	474	9	516	462
	3+50	40	483	10	524	470
	3+25	43	491	13	532	478
	3+00	44	497	14	537	483
	2+75	45	467	15	507	453
	2+50	46	534	16	574	520
	2+25	49	499	19	538	484
	2+00	50	509	20	548	494
	1+75	50	475	20	514	460
	1+50	51	476	21	515	461
	1+2-	52	414			

August 20/86

LINE	N	TIME	READ			
	1+00	11 53	559	23	597	543
	0+75	54	546	24	584	530
	0+50	55	533	25	571	517
	0+25	58	553	28	590	536
	0+00	1200	497	30	533	479
4+00W	0+00	1200	542	30	578	524
	0+25	01	552	31	588	534
	0+50	02	511	32	547	496
	0+75	04	531	34	566	412
	1+00	05	333	35	368	314
	1+25	05	497	35	532	478
	1+50	06	492	36	527	473
	1+75	06	471	36	506	452
	2+00	07	495	37	530	476
	2+25	09	612	39	646	592
	2+50	20	494	40	528	474
	2+75	21	500	41	534	480
	3+00	22	504	42	537	483
	3+25	24	522	44	554	500
	3+50	25	504	45	536	482
	3+75	26	489	46	521	467
	4+00	30	525	50	556	502
	4+25	31	585	51	616	562
	4+50	35	503	55	539	485
	4+75	36	493	56	529	475
	5+00	36	540	56	576	522
4+25W	5+00	39	515	close	551	497

August 20/80

LINE	N	TIME	READ			
3+75W	5+00	2 14	57577	—	57613	557
	4+75	15	504	1	540	484
	4+50	15	529	1	565	509
	4+25	16	489	2	525	569
	4+00	18	548	4	583	527
	3+75	21	538	7	573	517
	3+50	23	513	9	548	492
	3+25	25	484	11	508	452
	3+00	27	527	13	563	507
	2+75	29	519	15	551	495
	2+50	31	522	17	555	569
	2+25	35	541	21	572	516
	2+00	38	535	24	566	510
	1+75	39	522	25	553	497
	1+50	40	509	26	540	484
	1+25	40	515	26	546	490
	1+00	41	458	27	488	432
	0+75	42	453	28	483	427
	0+50	42	549	28	579	523
	0+25	43	648	29	678	622
	0+00	45	555	31	584	428
3+50W	0+00	45	585	31	614	558
	0+25	46	492	32	521	465
	0+50	46	543	32	572	516
	0+75	47	533	33	562	506
	1+00	49	551	35	579	523
	1+25	50	512	36	543	487
	1+50	50	533	36	564	508
	1+75	51	536	37	567	511
	2+00	52	586	38	617	561
	2+25	55	554	41	587	531

August 20/86

LINE	N	TIME	READ			
	2+75	3 00	537	46	572	516
	3+00	01	530	47	565	509
	3+25	02	539	48	575	519
	3+50	05	552	51	589	533
	3+75	09	553	55	591	535
	4+00	11	465	57	504	448
	4+25	12	496	58	538	482
	4+50	14	613	60	653	597
	4+75	15	538	61	579	523
	5+00	15	693	61	734	678
3+75 W	5+00	17	561	close	613	557

+41

August 21/86

5+75 W	5+00	8 25	57437	—	437	478
	5+25	27	390	2	391	432
	5+50	29	420	4	421	462
	5+75	30	587	5	589	630
	6+00	32	282	7	285	326
	6+25	34	407	9	410	451
	6+50	35	397	10	401	442
	6+75	37	387	12	391	432
	7+00	40	401	15	407	448
	7+25	42	389	17	395	436
	7+50	45	443	20	450	491
	7+75	46	409	21	417	458
	8+00	50	376	25	385	426
	8+25	50	390	25	399	440
	8+50	51	410	26	420	461

August 21/86

LINE	N	TIME	READ			
	9+00	8 53	376	28	386	427
	9+25	55	408	30	419	460
	9+50	55	454	30	465	506
	9+75	56	544	31	555	596
	10+00	57	648	32	660	701
5+50w	10+00	59	487	34	500	541
	9+75	9 00	349	35	362	403
	9+50	01	354	36	367	408
	9+25	02	353	37	367	408
	9+00	05	395	40	410	451
	8+75	07	384	42	400	441
	8+50	12	392	47	409	450
	8+25	15	391	50	410	451
	8+00	19	365	54	385	426
	7+75	20	361	55	381	422
	7+50	22	365	57	386	427
	7+25	25	362	60	384	425
	7+00	29	387	64	411	452
	6+75	30	361	65	385	426
	6+50	31	392	66	417	458
	6+25	34	352	69	378	419
	6+00	3	322	73	349	390
	5+75	40	452	75	480	521
	5+50	40	475	75	503	544
	5+25	41	464	76	492	533
	5+00	42	367	77	396	437
5+75w	5+00	43	408	close	437	478

August 21/86

LINE	N	TIME	READ			
5+25 W	5+00	9 47	57463	-	492	488
	5+25	49	381	2	411	407
	5+50	50	360	3	389	385
	5+75	52	470	5	501	497
	6+00	53	520	6	552	548
	6+25	55	301	8	334	330
	6+50	56	413	9	447	443
	6+75	56	362	9	396	392
	7+00	58	414	11	448	444
	7+25	10 00	420	13	455	451
	7+50	00	409	13	444	440
	7+75	02	392	15	428	424
	8+00	02	370	15	406	402
	8+25	03	420	16	457	453
	8+50	05	463	18	501	497
	8+75	06	381	11	419	415
	9+00	07	423	20	462	458
	9+25	09	401	22	441	437
	9+50	09	450	22	490	486
	9+75	11	513	24	554	550
	10+00	12	630	25	671	667
5+00 W	10+00	14	472	27	514	510
	9+75	15	330	28	373	369
	9+50	17	345	30	389	385
	9+25	19	367	32	412	408
	9+00	20	391	33	436	432
	8+75	23	384	36	431	427
	8+50	26	397	39	445	441
	8+25	28	350	41	399	395
	8+00	31	371	44	422	418
	7+75	33	319	46	371	367
	7+50	34	327	47	379	375

August 21/86

LINE	N	TIME	READ			
	7+25	1037	350	50	404	400
	7+00	38	306	51	360	356
	6+75	40	381	53	436	432
	6+50	41	342	54	398	394
	6+25	44	366	57	423	419
	6+00	47	330	60	389	385
	5+75	48	411	61	470	466
	5+50	48	421	61	480	476
	5+25	49	382	62	442	438
	5+00	50	464	63	524	520
5+25 W	5+00	52	430	close	492	488

+62

?

-35

4+75 W	5+00	1241	57456	—	57518	483
	5+25	42	466	1	528	493
	5+50	44	384	3	447	412
	5+75	45	410	4	474	429
	6+00	45	415	4	479	444
	6+25	46	406	5	470	435
	6+50	50	410	9	476	441
	6+75	51	455	10	521	486
	7+00	54	448	13	515	480
	7+25	121	448	20	518	483
→	7+50	235	359	34	435	400
	7+75	36	492	35	568	433
	8+00	40	491	39	569	534
	8+25	40	438	39	516	481
	8+50	41	450	40	529	494
	8+75	43	5[illegible]3	[illegible]	[illegible]	[illegible]

34 (5) August 21/86

LINE	N	TIME	READ	ΔT (min)		
4+75W	9+00	245	458	44	538	501
	9+75	46	551	45	632	597
	9+50	46	422	45	503	468
	9+75	48	436	47	518	483
	10+00	49	433	48	515	480
		-				
4+50W	10+00	50	439	49	521	486
	9+75	51	438	50	521	486
	9+50	52	459	51	542	507
	9+25	55	383	54	468	433
	9+00	55	302	54	387	352
	8+75	58	413	57	499	464
	8+50	300	514	59	601	566
	8+25	00	437	59	445	410
	8+00	01	452	60	539	504
	7+75	02	399	61	487	452
	7+50	03	404	62	492	457
	7+25	06	509	65	598	563
	7+00	07	401	66	490	455
	6+75	11	876	70	967	932
	6+50	15	451	74	544	509
	6+25	17	431	76	525	490
	6+00	19	437	78	532	497
	5+75	20	382	79	477	442
	5+50	22	419	81	511	476
	5+25	23	367	82	460	425
	5+00	24	472	83	565	430
4+75W	5+00	24	413	close	518	483

August 2

LINE	N	TIME	READ			
4+25W	5+00	744	57471	-	471	497
	5+25	45	591	1	591	617
	5+50	46	423	2	424	450
	5+75	46	467	2	468	494
	6+00	47	485	3	486	412
	6+25	49	621	5	622	648
	6+50	50	463	6	465	491
	6+75	51	543	7	545	571
	7+00	52	404	8	406	432
	7+25	55	434	11	437	463
	7+50	56	406	12	409	435
	7+75	58	336	14	340	366
	8+00	8 00	543	16	547	573
	8+25	01	485	17	490	516
	8+50	02	503	18	508	534
	8+75	03	326	19	331	357
	9+00	04	395	20	400	426
	9+25	04	413	20	418	434
	9+50	05	413	21	419	435
	9+75	06	421	22	427	453
	10+00	07	463	23	469	495
4+00W	10+00	07	470	23	476	502
	9+75	07	434	23	441	467
	9+50	08	424	24	431	457
	9+25	09	383	25	390	416
	9+00	10	414	26	421	447
	8+75	11	357	27	365	391
	8+50	12	309	28	317	343
	8+25	13	560	29	568	594
	8+00	14	556	30	565	591
	7+75	15	363	31	372	398
						414

August 22/86

LINE	N	TIME	READ			
	7+25	8 20	421	56	431	457
	7+00	20	386	36	396	422
	6+75	22	271	58	281	307
	6+50	24	490	40	501	527
	6+25	26	449	42	460	486
	6+00	27	482	43	494	520
	5+75	30	456	46	468	494
	5+50	31	436	47	449	474
	5+25	35	616	51	630	656
	5+00	35	489	51	503	529
4+75W	5+00	36	457	close	471	497
3+75W	5+00	8 43	57521	÷	535	557
	5+25	45	362	2	377	399
	5+50	48	395	5	412	434
	5+75	50	437	7	455	477
	6+00	52	603	9	622	644
	6+25	55	427	12	447	469
	6+50	56	385	13	406	428
	6+75	58	314	15	456	478
	7+00	59	434	16	456	478
	7+25	9 00	439	17	462	484
	7+50	01	437	18	460	482
	7+75	03	398	20	422	444
	8+00	05	601	22	626	648
	8+25	06	502	23	554	576
	8+50	08	309	25	336	358
	8+75	10	393	27	421	442

August 22/86

LINE	N	TIME	READ			
3+25W	5+00	9 52	57385	—	434	407
	5+25	54	455	2	505	478
	5+50	55	407	3	457	420
	5+75	55	454	3	504	477
	6+00	56	408	4	458	421
	6+25	59	445	7	496	469
	6+50	10 00	047	8	098	071
	6+75	00	178	8	229	202
	7+00	01	336	9	388	361
	7+25	03	392	11	444	417
	7+50	05	491	13	494	467
	7+75	06	445	14	498	471
	8+00	08	505	16	559	532
	8+25	10	481	18	535	508
	8+50	35	489	43	550	523
	8+75	36	447	44	505	481
	9+00	39	395	47	457	430
	9+25	40	478	48	540	513
	9+50	42	431	50	494	467
	9+75	44	438	52	502	475
	10+00	46	424	54	488	461
3+00W	10+00	50	427	58	492	465
	9+75	50	411	58	476	449
	9+50	52	451	60	517	490
	9+25	53	462	61	528	501
	9+00	55	364	63	431	404
	8+75	59	405	67	473	446
	8+50	11 00	472	68	540	513
	8+25	01	508	69	577	550
	8+00	02	499	70	567	540
	7+75	05	325	73	395	468
	7+50	06	409	74	479	452

August 23/8[illegible]

LINE	N	T[illegible]	READ			
7+25		[illegible]	375	74	445	418
[illegible]		16	55[illegible]	75	62[illegible]	599
[illegible]		[illegible]	275	78	346	319
6[illegible]		1	7[illegible]5	79	856	829
		12	[illegible]56	80	538	511
		14	[illegible]135	82	507	480
3[illegible]		15	454	83	527	500
		17	[illegible]	[illegible]	544	417
		1[illegible]	[illegible]43	[illegible]	576	489
			[illegible]76	[illegible]	549	522
7+25W		20	3[illegible]0	CLOSE	434	407
						24

2+75W	[illegible]	20	[illegible]430	—	506	482
	3+25	[illegible]	450	1	524	500
	[illegible]	[illegible]	459	3	533	509
	[illegible]	[illegible]	457	[illegible]	531	507
	[illegible]	[illegible]	[illegible]	[illegible]	538	514
			[illegible]		734	710
	[illegible]		502	[illegible]	575	551
	[illegible]	3[illegible]	[illegible]	[illegible]	495	471
	7[illegible]	[illegible]	[illegible]		463	439
	7[illegible]	3[illegible]	38[illegible]	[illegible]	4[illegible]7	433
	7[illegible]	[illegible]	380	[illegible]	455	431
	[illegible]		280	[illegible]	356	332
	[illegible]	1	580	[illegible]	656	632
	7+25	1	[illegible]	116	560	536
	8+5[illegible]	[illegible]	[illegible]	119	521	497
	8[illegible]	[illegible]	[illegible]	12.0	50[illegible]	48[illegible]

					120	538	564
					121	587	563
					122	514	490
					125	476	452
					126	431	407
21-50					130	508	484
					131	457	413
					133	456	432
					134	524	500
					135	567	543
					136	583	559
					138	465	441
					140	498	474
					140	535	511
					142	519	495
					143	378	354
					145	479	455
					147	429	405
					150	452	428
					151	522	498
					154	439	417
					155	543	519
					156	519	495
					158	531	507
					159	505	481
					160	530	506
						506	482

LINE	N	TIME	READ	CT		
2+25W	[illegible]	7 52	57512	-	-	498
	[illegible]	5[illegible]	[illegible]	3	534	520
	[illegible]	57	503	5	502	488
	E+75	5[illegible]	491	7	490	476
	6+00	800	498	8	497	483
	6+25	01	501	9	500	486
	6+50	04	540	12	539	525
	6+75	05	516	13	515	501
	7+00	06	483	14	481	467
	7+25	08	491	16	489	475
	7+50	10	421	18	419	405
	7+75	12	559	20	557	543
	8+00	13	563	21	561	547
	8+25	14	559	22	557	543
	8+50	15	594	23	592	578
	8+75	16	602	24	597	583
	9+00	17	601	25	598	584
	9+25	18	465	26	462	448
	9+50	19	458	27	465	451
	9+75	21	531	29	528	514
	10+00	22	445	30	437	423
2+00W	[illegible]	24	459	32	456	442
	A+75	25	488	33	484	470
	A+50	25	599	33	595	581
	A+25	29	446	37	442	428
	A+00	35	442	43	428	414
	8+75	36	378	44	373	359
	8+50	38	440	46	435	421
	8+25	40	571	48	566	552
	8+00	41	524	48	519	505
	7+75	41	598	49	593	579

August 23/8

LINE		TIME	READ	ΔT		
	7+25	8 44	480	52	480	466
	7+00	45	515	53	509	495
	6+75	46	587	54	581	567
	6+50	46	533	54	527	513
	6+25	47	482	55	476	462
	6+00	50	502	58	496	482
	5+75	52	489	60	484	470
	5+50	53	470	61	463	449
	5+25	55	469	63	462	448
	5+00	55	482	63	475	461
2+25W	5+00	57	519	close		498

-7

+22

1+75W	5+00	900	57490	—	57483	505
	5+25	01	494	1	487	509
	5+50	05	489	5	480	502
	5+75	07	477	7	468	490
	6+00	10	498	10	488	510
	6+25	10	529	10	519	541
	6+50	11	607	11	596	618
	6+75	13	522	13	511	533
	7+00	14	487	14	476	498
	7+25	15	336	15	324	346
	7+50	16	628	16	616	638
	7+75	18	557	18	544	566
	8+00	20	494	20	471	493
	8+25	20	387	20	374	396
	8+50	21	397	21	483	505
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

August 23/

LINE	N	TIME	READ	DT		
	9+00	9 25	386	25	371	393
	9+75	27	413	27	397	419
	9+50	29	511	29	495	517
	9+75	30	472	30	455	477
	10+00	31	440	31	423	445
1+50W	10+00	31	471	31	454	476
	9+75	33	462	33	445	467
	9+50	34	412	34	394	416
	9+25	35	483	35	465	487
	9+00	37	416	37	397	419
	8+75	40	524	40	504	526
	8+50	41	480	41	460	482
	8+25	44	456	44	435	457
	8+00	45	371	45	349	371
	7+75	46	379	46	357	379
	7+50	49	458	49	435	457
	7+25	49	538	49	515	537
	7+00	50	629	50	606	628
	6+75	51	537	51	514	536
	6+50	52	391	52	367	389
	6+25	55	522	55	497	519
	6+00	56	534	56	509	531
	5+75	56	502	56	477	499
	5+50	58	467	58	441	463
	5+25	10 00	515	60	489	511
	5+00	00	521	60	495	517
1+75W	5+00	02	510	close		505

(3) August 23

LINE	N	TIME	READ	ΔT		
1+00W	5+00	12 25	57550	-	523	554
	5+25	26	512	1	485	1516
	5+50	29	537	4	511	542
	5+75	30	584	5	558	589
	6+00	30	407	5	381	412
	6+25	31	436	6	410	441
	6+50	32	941	7	416	447
	6+75	34	647	9	622	653
	7+00	35	688	10	663	694
	7+25	35	518	10	493	1524
	7+50	36	410	11	385	416
	7+75	37	430	12	406	437
	8+00	39	442	14	418	449
	8+25	40	496	15	472	503
	8+50	40	551	15	527	558
	8+75	42	493	15	469	1800
	9+00	43	459	17	436	4467
	9+25	44	476	18	453	1484
	9+50	45	466	20	443	474
	9+75	46	491	21	469	500
	10+00	—	—			
1+25W	10+00	47	485	22	463	494
	9+75	48	445	23	423	454
	9+50	50	445	25	424	455
	9+25	51	407	26	386	417
	9+00	52	471	27	450	481
	8+75	53	463	28	442	473
	8+50	55	470	30	450	481
	8+25	55	422	30	402	433
	8+00	56	461	31	441	472
	7+75	1 05	399	40	381	412

August 23/86

LINE	N	TIME	READ	DT		
	7+25	1 06	360	41	342	373
	7+00	12	711	47	694	725
	6+75	14	644	49	628	659
	6+50	16	346	51	330	361
	6+25	18	501	53	486	517
	6+00	19	532	54	517	548
	5+75	20	574	55	559	590
	5+50	20	525	55	510	541
	5+25	20	509	55	494	525
	5+00	22	470	57	456	487
1+00W	5+00	24	537	close	523	554

August 24/86

	1+00W	5+00	8 11	57532	–		554
		4+75	12	503	1		525
		4+50	14	521	3		543
		4+25	15	518	4		540
		4+00	15	590	4		612
		3+75	17	559	6		581
		3+50	20	552	9		574
		3+25	22	532	11		554
		3+00	25	545	14		567
		2+75	26	532	15		554
		2+50	27	522	16		544
		2+25	30	516	19		538
		2+00	31	481	20		503
		1+75	32	589	21		511
		1+50	34	542	23		564
		1+25	35	574	24		596

No Daily Variation
∴ No Drift Correction

August 24/86

LINE	N	TIME	READ		
	1+00	8 37	512	26	534
	0+75	38	576	27	598
	0+50	40	627	29	649
	0+25	41	577	30	599
	0+00	44	566	33	588
1+25W	0+00	45	564	34	586
	0+25	45	593	34	615
	0+50	48	594	37	616
	0+75	50	581	39	603
	1+00	53	518	42	540
	1+25	55	605	44	627
	1+50	55	586	44	608
	1+75	57	548	46	570
	2+00	59	631	48	653
	2+25	9 00	410	49	432
	2+50	03	488	52	510
	2+75	04	544	53	566
	3+00	05	559	54	581
	3+25	06	544	55	566
	3+50	09	564	58	586
	3+75	10	541	61	563
	4+00	14	579	63	601
	4+25	15	492	64	514
	4+50	16	503	65	525
	4+75	17	524	66	546
	5+00	18	485	67	507
1+00 W	5+00	20	531	close	554

NEGLIGABLE DRIFT

35 min

554
532
+22 B. ll read ..

47 (+34)

August 24/86

LINE	N	TIME	READ		
0+50W	5+00	1035	57508	—	542
	5+25	37	53?	2	567
	5+50	3?	52?	3	563
	5+75	39	475	4	509
	6+00	40	457	5	491
	6+25	40	415	5	449
	6+50	41	396	6	430
	6+75	43	378	8	412
	7+00	43	404	8	438
	7+25	45	399	10	433
	7+50	45	510	10	544
	7+75	46	508	11	542
	8+00	48	486	13	520
	8+25	50	491	15	525
	8+50	50	427	15	461
	8+75	54	461	19	495
	9+00	55	478	20	512
	9+25	—	—	—	
	9+50	1107	521	32	555
	9+75	09	560	34	594
	10+00	10	412	35	446
0+75W	10+00	11	411	36	444
	9+75	11	506	36	540
	9+50	1059	459	24	493
	9+25	1057	472	22	506
	9+00	1113	437	38	471
	8+75	15	436	40	480
	8+50	15	404	40	448
	8+25	17	500	42	534
	8+00	18	486	43	520
	7+75	19	398	44	424
	7+50	19	355	44	389

NEGLIGIBLE DRIFT

August 24/86

	LINE	N	TIME	READ			
		7+25	11 21	349	46		383
		7+00	22	695	47		729
		6+75	24	369	49		403
		6+50	26	403	51		437
		6+25	26	492	51		526
		6+00	27	406	52		440
		5+75	28	434	53		468
		5+50	29	477	54		511
		5+25	30	457	55		491
		5+00	31	508	56		542
	0+50W	5+00	31	510	close		542
	0+75W	5+00	9 20	57518	—	57518	544
		4+75	21	466	1	466	492
		4+50	22	548	2	548	574
		4+25	23	529	3	529	555
		4+00	25	555	5	554	580
		3+75	27	560	7	559	585
		3+50	28	541	8	540	566
		3+25	30	530	10	529	555
		3+00	32	542	12	541	567
		2+75	33	536	13	534	560
		2+50	35	506	15	504	530
		2+25	37	419	17	417	443
		2+00	38	588	18	586	512
		1+75	40	560	20	557	583
		1+50	42	550	22	547	573
		1+25	43	606	23	603	629

DRIFT 20

+3

+26

August 24/86

LINE	N	TIME	READ			
	1+00	9 45	513	25	510	536
	0+75	47	577	27	574	600
	0+50	49	619	29	615	641
	0+25	49	582	29	578	604
	0+00	52	570	32	566	592
0+75W	5+00	1014	525	close	518	544

(+23)

August 25/86

750W	5+00	7 35	57418	—	418	441
	4+75	35	397	—	397	420
	4+50	36	370	1	369	392
	4+25	37	985	2	984	1007
	4+00	39	483	4	481	504
	3+75	40	442	5	439	462
	3+50	42	436	7	432	455
	3+25	44	437	9	432	455
	3+00	45	433	10	428	451
	2+75	45	390	10	385	408
	2+50	46	416	11	410	433
	2+25	47	394	12	388	411
	2+00	48	382	13	375	398
	1+75	50	377	15	369	392
	1+50	51	404	16	395	418
	1+25	52	433	17	424	447
	1+00	53	410	18	400	423
	0+75	55	321	20	310	333
	0+50	56	486	21	475	498
	0+25	58	410	22	404	

August 25/86

LINE	N	TIME	READ			
	0+00	759	486	24	473	496
	5+00	816	440	close[41]	418	441
				ΔT(min)		
B/L	8+00	814	57445	-11	438	
	7+75	15	421	-10	414	
	7+50	16	440	-9	434	
	7+25	17	468	-8	463	
	7+00	19	448	-6	444	
	6+75	20	466	-5	463	
	6+50	20	440	-5	437	
	6+25	21	345	-4	342	
	6+00	21	462	-4	460	
	5+75	22	474	-3	472	
	5+50	24	447	-1	446	
	5+25	25	483	—	483	
B.S. →	5+00	25	448	—	448	*
	4+75	26	477	+1	479	
	4+50	29	465	+4	468	
	4+25	30	489	+5	492	
	4+00	30	519	+5	522	
	3+75	31	548	+6	552	
	3+50	34	666	+9	672	
	3+25	35	396	+10	403	
	3+00	40	502	+15	512	
	2+75	40	469	+15	479	
	2+50	41	507	+16	517	
	2+25	43	484	+18	496	
	2+00	45	479	+21	493	

LINE		TIME	READ		
	1+75	8 15	489	+20	502
	1+50	50	487	+25	512
	1+25	50	495	+25	509
	1+00	51	536	+26	553
	0+75	52	525	+27	543
	0+50	54	522	+29	541
	0+25	55	534	+30	554
	0+00	55	526	+30	546
B/L	8+00	905	422	~~+10~~ 51	448

Shown as 5+00 mistake!

! The End !

APPENDIX I

Magnetometer Data and Corrections For Diurnal Variation

Appendix II

Diamond Drill Hole Logs

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 5+90W (Grid) 4920.35 N	DIP AT COLLAR: -46°	HOLE Nº: 86-1 PAGE 1 OF 4
LOGGED BY: J. PAXTON	DEPARTURE: 5+65N 4786.91 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: OCT 15/86	BEARING: S 45°W (Compass)		NTS: 82E/2
COMPLETED: Oct 16/86	ELEVATION: 1578.90 metres	CASING: Pulled	COLLAR SURVEYED: ↘ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG Nº	ASSAYS Au	Ag		WEIGHTED AVERAGE
	45° contact 25'	0	15	95%	Casing in overburden										
		15	25		1. Chert breccia 2. Grey to brown	22.0	25.5	3.5	3.3	95%	1055	<.002	.02		
	30° 28' Rusty fracture				3. Breccia of subangular white chert fragments										
					in a sparse chlorite-pyrite-chert matrix										
					4. Massive with numerous fractures										
	70° 44' Fault 2 cm plastic gouge at 70° to C.A.				5. Quartz 80% 6. Pyrite 5-10%, chlorite										
					5-10% Leucoxene 5% 7. Locally quite										
					mafic.										
		25	49		1. Brown Argillite 2. Brown	31.5	33.0	1.5	1.5	100%	1056	.004	.04		
					3. Aphanitic, earthy lustre 4. Massive	33.0	37.0	4.0	4.0	100%	1057	.003	.09		
	48-49 Blocky 41' 60°				with numerous fracture fillings and	37.0	39.5	2.5	2.5	100%	1058	.004	.05		
					rounded aggregates of quartz-pyrite	39.5	43.0	3.5	3.5	100%	1059	.004	.04		
					material 5. Clay minerals 80% 6. Pyrite										
					5-15%, Quartz 5-15%.										
		49	49.5		Quartz vein - 2 cm at 60°. Cherty										
					vuggy quartz with blebs of pyritic material										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-1

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		49.5	77		1. Brown argillite similar to previous										
					7. Numerous rounded blebs of quartz-pyrite material with bleached rims										
					Mud seams 3 cm at 53.2										
					and 3 cm at 54.0										
		77	86		1. Greenstone 2. Green 3. Indistinct granular texture of cherty grey quartz fragments and grains in a chloritic groundmass										
	53' Grey mud ← not slick														
	not slickensided 54' Grey mud 45°	86	91.5		1. Black & Green Breccia 2. Black & green	86	88	2.0			1044	.029	<.01		
					3. Irregular 5-10 cm masses of black	88	91.5	3.5			1045	.002	.01		
					argillitic material in a pale green earthy	91.5	92.0	0.5			1046	.003	.02		
	77' Greenstone Contact zone Streaks at 45°				groundmass. 4. Sheared breccia	92.0	94.0	2.0			1047	.002	.01		
					5. Clay 6. Pyrite										
		91.5	92.0		Calcite vein with angular fragments										
					of massive fine grained pyrite plus										
					argillite. True width 8 cm										
					at 45° to C.A.										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-1

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS	WEIGHTED AVERAGE
		72	120		1. Sheared Agglomerate 2 Grey								
	Foliation 45°-70°				3. Compressed and elongated masses								
	Contacts gradational				of grey or brown siliceous material								
					in an aphanitic grey earthy								
					groundmass 4. 1-5 cm fragments								
	120' contact 60°				in an aphanitic matrix 5. Chl, quartz								
					& Traces of graphite.								
	121' contact 60°												
		120	121		1. Grey Chert Sandstone 2. Pale grey								
					3. Round to subangular 2-5 mm								
					black, grey and white chert								
					granules in a chlorite-quartz								
					groundmass. 4. Massive coarse								
					granular 5. Quartz 90%								
					6. Chlorite, pyrite, graphite? traces.								
		121	123		1. Sheared Agglomerate as above								
	Contacts irregular at 45°-70°												
		123	124		1. Grey Chert Sandstone as above								
		124	128		1. Sheared Agglomerate as above								

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-1

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS	WEIGHTED AVERAGE
		128	129		1. Grey Chert Sandstone as above								
		129	135		1. Sheared Agglomerate as above								
	Contacts Irregular at 45°-70°	135	138		1. Grey Chert Sandstone as above								
		138	139		1. Sheared Agglomerate. Graphite								
		139	141		1. Grey Chert Sandstone as previously								
		141	142		1. Fine Grained Chert Sandstone 2. Dark grey 3. Granular 4. Massive 5. Quartz veinlets								
		142	147		1. Grey Chert Sandstone as previously								
		147	150		1. Fine Grained Chert Sandstone as above								
		150	153		1. Grey Chert Sandstone as previously								
			153		End of hole								

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 5+90 W (Grid) 4921.31 N	DIP AT COLLAR: -65°	HOLE Nº: 86-2 PAGE 1 OF 3
LOGGED BY: J. PAXTON	DEPARTURE: 5+65 N (Grid) 4787.68 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 16/86	BEARING: S. 45° W (Compass)		NTS: 82E/2
COMPLETED: Oct 17/86	ELEVATION: 1578.90 metres	CASING: 10 NQ Pulled	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC / ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG Nº	ASSAYS Au	Ag		WEIGHT AVERAG.
		0	10		Casing										
		10	31		1. Grey Chert 2. Pale grey 3. Aphanitic to faint granular 4 Strongly fractured and healed with quartz and pyrite										
					5. Quartz 98% 6. Pyrite 1-5%	28	31	3.0	3.0	100%	1012	<.002	.02		
						31	34	3.0	3.0	100%	1013	<.002	.02		
		31	40	100%	1. Chert Breccia 2. Dark grey	34	39	5.0	4.5	90%	1014	<.002	.05		
					3. Indistinct angular breccia of	39	44	5.0	4.5	90%	1015	<.002	.02		
					chert cemented with quartz and	44	46.5	2.5	2.5	100%	1016	<.002	.01		
					pyrite and strongly mineralized	46.5	49	2.5	2.5		1017	<.002	.01		
					with pyrite and leucoxene. 4 Breccia	49	51.5	2.5	2.5		1018	.003	.01		
					5. Quartz 75% Chlorite 15% 6. Pyrite	51.5	54	2.5	2.5		1019	.003	.03		
					5-10% Leucoxene 5-10%	54	56.5	2.5	2.5		1020	<.002	.03		
						56.5	61.0	4.5	4.5		1021	<.002	.03		
		40	64		1. Brown Chert 2. Pale tan	61.0	64.0	3.0	3.0		1022	<.002	.01		
					3. Massive aphanitic with					↓					
					numerous irregular blebs	64	74	10'	3.0	33%	1023	<.002	.01		
					cont.										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS			WEIGHTED AVERAGE
					masses and vemlets of very fine grained brown pyrite with green reaction halos.										
		64	74	25%	Mud Seam and blocky broken core										
		74	85	95%	1. Grey-green Chert 2. Pale grey-green 3. Massive aphanitic. Toward end of section contains large 5-20 cm rounded fragments of pyritic chert 4. Massive 5. Quartz 98 % 6 Chlorite?										
		85	92	70%	Breccia and Mud seams. Blocky core										
		92	93		1. Black and Green Breccia 2. Black and grey-green 3. Angular masses of aphanitic grey-green argillite in a black argillitic groundmass										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS	WEIGHTED AVERAGE
		93	96	100%	1. Sheared Agglomerate 2. Grey-green 3. Rounded pebbles? 1-3 cm in a foliated earthy green aphanitic groundmass.								
		96	99	75%	1. Black and Green Breccia as previously								
		99	102	50%	1. Grey Chert Sandstone 2. Grey 3. Indistinct white, grey and black chert grains in a chert matrix 4. Fractured, otherwise massive 5. Quartz 75% 6. Pyrite 1-3% Chlorite 1-5%								
			102		End of hole								

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 5+55W (Grid) 4908.87N	DIP AT COLLAR: -45°	HOLE Nº: 86-3 PAGE 1 OF 6
LOGGED BY: J. Paxton	DEPARTURE: 5+70N (Grid) 4814.81E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 18/86	BEARING: S45°W (Compass)		NTS: 82E/2
COMPLETED: Oct 19/86	ELEVATION: 1577.64 metres	CASING: 8' NQ	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	REC'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG Nº	ASSAYS Au	Ag		WEIGHTED AVERAGE
		0	8		Casing										
		8	17	90%	1. Brown Chert Sandstone 2. Dark greenish brown 3. Equigranular 4. Massive 5. Chert 50% chlorite 20% Mafics 20% 6. Pyrite 1-5% Black non magnetic metallic mineral 1-5% 7. Grades from medium grained to aphanitic at end of section. 4 cm blob of fine pyrite and white chert at 15	15	15.5	0.5	Ø.5	100	1042	.006	.02		
		17	22	95%+	1. Pale Grey Chert 2. Pale grey 3. Aphanitic, locally faint granular 4 Massive with pyrite filled fractures 5 Quartz 95% 6 Pyrite, limonite 5%	18	19	1.0	1.0	100	1043	<.002	.01		

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		22	26	100	1. Brown Chert 2. Brown										
					3. Aphanitic 4. Massive with										
					numerous hairline veinlets of pyrite										
					with quartz and calcite. 5. Clay										
					6. Pyrite 1-5%										
		26	38	100	1. Brown Meta-tuff 2. Brownish-black										
					3. Sub porphyroblastic Irregular										
					tan chert grains 2-5mm plus										
					"skeletal" leucoxene in a very fine										
					grained granular dark green matrix										
					4. Massive 5. Quartz 70% Chlorite										
					and mafics 20% leucoxene 10%										
					6. Pyrite 1-5%										
		38	57	100	1. Brown Chert 2. Pale tan 3. Aphanitic	41	43.5	2.5	2.5	100%	1026	.004	.04		
					4. Massive with numerous fractures	43.5	46	2.5	2.5	100%	1027	.009	.03		
					filled with pyrite-quartz material	46	48.5	2.5	2.5	100%	1028	<.002	.01		
					5. Clay 6. Pyrite 2-10%										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
	25° 57' Sharp irregular Contacts 58'	57	58	100	1. Meta-Tuff 2. Grey 3. 1-2 mm white chert grains plus traces of leucoxene in a fine grained granular grey matrix 4 Massive 5. Quartz 95%										
58	80	100	1' Brown Chert as previously 6. 3-5% fine pyrite as fracture fillings 4 cm dolomite? vein at 45° at 67'	58	60.5	2.5	2.5	100	1029	<.002	.01		
				60.5	63	2.5	2.5		1030	<.002	.01		
				63	65.5	2.5	2.5		1031	<.002	.01		
				65.5	68	2.5	2.5		1032	<.002	.01		
80	82	100	1' Pale grey chert as previously	68	70.5	2.5	2.5		1033	.003	<.01		
				70.5	73	2.5	2.5		1034	<.002	<.01		
82	89	100	1' Grey Chert Sandstone (Check log 86-2) 2. Medium grey 3. Granular fine grained with streaks and mottles of chloritic material 4. Massive 5. Quartz 60%, Chlorite & mafics 30% 6. Pyrite 5-10% Leucoxene 5-10%	73	75.5	2.5	2.5		1035	<.002	.01		
				75.5	78	2.5	2.5		1036	<.002	.03		
				78	80	2	2.5		1037	<.002	.02		
				80	82	2	2.5		1038	<.002	<.01		
				82	84	2	2.5		1039	<.002	<.01		
				84	86	2	2.5	100	1040	<.002	.01		
				86	89	3	2.5	80	1041	<.002	<.01		
89	91	80%	Mud seams and blocky core										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-3

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag	ASSAYS	WEIGHTED AVERAGE
		91	110	100	Brown-Grey Chert 2. Pale brown to grey 3. Fine grained, locally aphanitic 4. Massive with local brecciated zones 5. Clay 6. 1-3% pyrite 1-2% fine wisps of leucoxene 7. Darker and more chloritic (?) than previous sections										
		110	126	90%	1. Sheared Agglomerate 2. Grey and black 3. Irregular to lenticular shaped 1-5 cm masses of fine grained dark grey sandstone material in an earthy aphanitic black groundmass 5. Quartz 50% Silt 50% 6. Sooty graphite noted on slips Foliation 60° to CA	110	113	3	3	100%	1024	<.002	<.01		
		126	129	100	1. Grey Chert Conglomerate 2. Grey, green and black 3. 1-4 cm rounded grey chert cont.	126	127	1	1	100%	1025	.006	.01		

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS	WEIGHTED AVERAGE
					pebbles, plus scattered green chloritic sandstone pebbles in a sparse aphanitic black earthy matrix. 4. Massive 5. Quartz 90% 6. Fine yellow pyrite (chalcopyrite?) scattered through matrix. Contacts at 50°								
		129	133	100%	Siliceous Agglomerate								
		133	134	50%	Muddy blocky core								
		134	137	100%	1. Grey Chert Sandstone 2. Dark grey 3. Coarse granular 4. Massive 5. Quartz 85% 6. Scattered pyrite in matrix. Graphite on slips. 7. Generally a fine grained version of Grey Chert Conglomerate but with much crushing and fracturing of chert grains.								

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-3

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS			WEIGHTED AVERAGE
		137	143	100%	Sheared Agglomerate as previously Foliation at 65°										
		143	147	100%	Grey Clast Conglomerate as previously										
			147		End of hole										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NO	LATITUDE: 5+55 W (Grid) 4910.49 N	DIP AT COLLAR: -64°	HOLE No: 86-4 PAGE 1 OF 4
LOGGED BY: J Paxton	DEPARTURE: 5+70 N (Grid) 4815.96 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 18/86	BEARING: S 45°W (Compass)		NTS: 82E/2
COMPLETED: Oct 19/86	ELEVATION: 1577.64 metres	CASING: 6' NQ Pulled	COLLAR SURVEYED: N MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS			WEIGHTED AVERAGE
		0	6		Casing										
		6	18		1. Dark Brown Chert Sandstone										
					2. Brown 3. Rounded grey chert granules in a brown limonitic matrix										
					4 Massive 5. Quartz 70%										
					6. Limonite 5-20% Leucoxene 5% Chlorite 5-20%										
			18		5 cm clay gouge										
		18	24.5		1. Pale Grey Chert 2. Pale grey 3. Aphanitic with local vermicular agate? structures 1-3 mm 4 Massive 5. Quartz 100% Contacts at 45°										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		24.5	44		1. Brown Chert 2 Pale tan to grey 3. Aphanitic, earthy, argillitic 4. Massive except for 24.5-25.0 2-10 m bedding at 50° to CA. Numerous fractured with pyrite fillings 5. Clay 6. Pyrite 2-5% 7. Medium grey toward end of section								J		
		44	64		1. Brown Chert with grey chert inclusions 2. Brown and grey 3. Rounded inclusions from 2 m to 5 cm of pyritized, chloritized grey to white chert in an aphanitic earthy brown chert groundmass 4. Agglomerate 5. Chert and clay. 6. Pyrite 0-5%. Leucoxene 5%	44	46.5	2.5	2.5	100	1007	<.002	.01		
						46.5	49	2.5	2.5	100	1008	<.002	.01		
		64	70		1. Brown Tuff. 2. Brownish grey 3. Very fine grained crystals and subangular fragments .5-2 mm in an aphanitic brown matrix cont										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
					4 Extremely massive 5. Quartz & Fels										
		70	71		Blocky core and mud										
		71	78.5		1. Brown Argillite 2. Mottled pale brown and green 3. Irregular blebs and fracture fillings of pyrite in an aphanitic earthy brown and grey-green groundmass 4 Healed fractures 5 Clays, chlorite 6. Pyrite 5-10%	71	73	2	2	100	1009	.006	<.01		
						73	75.5	2.5	2.5	100	1010	<.002	.02		
						75.5	78.5	3.0	3.0	100	1011	<.002	.03		
		78.5	90		1. Sheared Agglomerate 2. Grey and black 3. Elongated masses and bands of grey cherty material in an earthy dark grey to black groundmass. Foliation 45° to CA 4. Banded Breccia 5. Clays & chert 6. Minor graphite on slips										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS			WEIGHTED AVERAGE
		90	91		Black and Green Breccia										
					2. Black and green 3. Rounded 5-10 cm masses of black argillitic material in an earthy fine grained chloritic groundmass. Healed fault zone? 4. Breccia 5. clays, chlorite chert.										
		91	95		Sheared Agglomerate as previously										
			95		End of hole										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 6+35 W (Grid) 4955.90 N	DIP AT COLLAR: −45°	HOLE Nº: 86-5 PAGE 1 OF 4
LOGGED BY: J. Factor	DEPARTURE: 5+75 N (Grid) 4764.97 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 19	BEARING: S 45 W (Compass)		NTS: 82E/2
COMPLETED: Oct 20	ELEVATION: 1570.49 metres	CASING: 8' NQ Pulled	COLLAR SURVEYED: N MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC /ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG Nº	ASSAYS Au	Ag		WEIGHTED AVERAGE
		0	8		Casing										
		8	18.5	100	1. Brown Argillite 3. Brown to grey-green 3. Aphanitic earthy 4. Numerous irregular masses plus fracture fillings of pyrite or of pyrite-quartz-chlorite mixture 5 clay, quartz 6. Pyrite 10-15% chlorite 0-10%	11	13.5	2.5	2.5	100	17636	.002	.01		
						13.5	16	2.5	2.5	100	7	.002	.01		
						16	18.5	2.5	2.5	100	8	.009	.01		
		18.5	18.8	100	Quartz vein	18.5	18.8	0.3	0.3	100	9	.003	.01		
					=1/2" of greyish quartz at	18.8	21	2.2	2.2	100	40	.003	.01		
					45° to CA Numerous tension	21	23.5	2.5	2.0	80	1	.003	.01		
					fractures at 90° to walls filled with	23.5	26	2.5	2.5	100	2	.003	.01		
					pyrite.	26	28.5	2.5	2.5	100	3	.009	.01		
						28.5	31.0	2.5	2.0	80	4	.014	.01		
		18.8	32.5	80	1. Brown Argillite. Same as previous. Core ground 32-33	31.0	32.5	1.5	1.0	70	5	.006	.01		

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		32.5	35.2	90	Quartz Vein	32.5	35.2	2.7	2.5	90	17646	.614	.70		
					White quartz vein with bands	35.2	37	1.8	1.5	85	7	.073	.31		.333 Au .472 Ag
					and masses of fine grained pyrite	37	38.0	1.0	1.0	100	8	.041	.15		over 5.5
					and chalcopyrite. Walls at 45° to CA	38.0	41.0	3.0	1.5	50	9	.009	.01		
						41.0	47.0	6.0	4.0	66	50	.006	.01		
		35.2	37	85	1. Brown rhyolite as previous but more grey color.										
		37	38.0	95	Quartz Vein										
					White quartz similar to previous. Walls at 60°										
		38.0	45.5	60	1. Brown rhyolite similar to Section 37.5-37.0										
		45.5	47	10	White-Tuff. Diorite?										
					2. Grey & white 3. Interlocking										
					breccia of white felsic grains										
					and chert in a groundmass of										
					grey feldspar, chlorite and pyrite										
					4. Massive with pyrite filled fractures										

cont.

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
					5. White Fels 60% Mafics 40%										
					6. Pyrite 5%										
		47	53	15	Mud and blocky core										
		53	75	100	1. Brown to grey argillite. Similar										
					to section 8-18.5 but less sulphides										
		75	85	100	1. Pale Grey Chert. 2. Pale grey to	75	77.5	2.5	2.5	100	1060	.003	.02		
					blue-grey 3. Aphanitic 4. Massive	77.5	80	2.5	2.5		1061	.003	.02		
					with numerous hairline fractures	80	82.5	2.5	2.5		1062	.003	.04		
					filled with black mineral.	82.5	85	2.5	2.5		1063	<.002	.01		
		85	93	5%	Mud and gouge										
		93	115	80	1. Sheared Agglomerate 2. Grey and										
					dark grey 3. Bands and masses										
					of fine grained grey granular										
					chert sandstone in a dark										
					grey earthy aphanitic groundmass										
					4. Oriented fragmental. at 45°										

Cont.

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5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS			WEIGHTED AVERAGE
					5. Clay - qtz - feldspar 6. Pyrite 1-2% Graphite on slips. Muddy blocky core at 100-102 ; 113-114.										
		115	117	100	1. Black & White Chert Conglomerate 2. Grey-black and white 3. Conglomerate of grey, white and black chert pebbles 1-15 mm in a sparse aphanitic chlorite-silica matrix 4. Massive 5. Quartz 90% 6. Chlorite Contacts at 45°										
		117	124	80	1. Sheared Agglomerate as previously										
		124	131	30	Black & White Chert Conglomerate as previously. Hole stopped in faulted and caving ground										
			131		End of hole										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 6+35 W (Grid) 4956.56 N	DIP AT COLLAR: −65°	HOLE No: 86-6 PAGE 1 OF 4
LOGGED BY: J Paxton	DEPARTURE: 5+75 N (Grid) 4765.56 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 20/86	BEARING: S45W (Compass)		NTS: 82E/2
COMPLETED: Oct 21/86	ELEVATION: 1570.49 metres	CASING: 5' NQ Pulled	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC / ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS Au	Ag		WEIGHTED AVERAGE
		0	5		Casing										
		5	7		1. Grey Chert Breccia 2. Grey-green										
					3. Fine to med grained angular	5	7	2	1.5	75%	17601	.006	.01		
					breccia of aphanitic chert strongly										
					mineralized by cream to pink leucoxene										
					4 Massive with numerous fractures										
					filled with pyrite and pyrrhotite										
					5. Quartz 80% 6. Leucoxene 10-20%										
					Chlorite 5-10% Pyrite-Pyrr. 5%										
		7	22		1. Brown to green aphanitic										
					2 Brown to green. 3. Generally	16	18	2	2	100	17602	.003	.01		
					aphanitic with local granular and	18	19	1	0.5	50	3	.006	.01		
					breccia sections. 4. Strongly	19	21	2	2	100	4	.009	.01		
					fractured. 18-19 Mud and										
					blocky core. 5. Clay + silica										
					6. Pyrite 5-10% leucoxene 10%										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		22	32	70	1. Brown Argillite 2. Pale brown 3. Aphanitic 4. Massive with numerous sulphide filled fractures 5. Clays and silica 6. Pyrite										
		32	37	50	1. Pale grey chert 2. Pale grey 3. Indistinct fine granular 4. Massive with pyrite filled fractures	32	37	5	2.5	50	17605	.009	.01		
		37			6 cm of plastic grey gouge.										
		37	40	80	1. Brown to Green Argillite 2. Brown to green 3. Fractured and brecciated 4. Breccia 5 Clay silica chlorite 6 Pyrite 5-10% Leucoxene 5-10%	37	40	3	2.4	80	17606	.012	.09		

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS Au	ASSAYS Ag	WEIGHTED AVERAGE
		40	40.7	100	Quartz Vein with 2-4 cm inclusions of fine grained pyrite chalcopyrite and pyrrhotite. Walls at 65°-70° CA	40	40.7	0.7	0.7	100	17607	.184	.55	
		40.7	41.9	80	Sheared breccia of quartz, chlorite, clay and fine sulphides 6. Sulphides 50% Foliation 45°-70°	40.7	41.9	1.2	1.0	80	17608	.080	.26	.137 Au .352 Ag over 4.4
		41.9	44.6	60	Quartz Vein. Over 50% massive fine pyrite, chalcopyrite and pyrrholite (?) Walls irregular locally porous. Core ground	41.9	44.6	2.5	1.5	60	17609	.152	.34	
		44.6	47	100	1. Brown Argillite ? 2. Grey brown 3. Fine granular 4. Brecciated and fractured. Fractures filled with chlorite and pyrite. 1 cm clay gouge at 47.0	44.6	47	2.4	2.4	100	17610	.012	.04	
		47	54	0	Fault. 7.0 feet of core lost									

67 3.0

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5086 TOPAZ PLACE RICHMOND B.C.

86-6

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS			WEIGHTED AVERAGE
		54	87		1. Brown Argillite 2. Pale brown										
					3. Fine grained granular to aphanitic										
					4 Massive with numerous small										
					masses and fracture fillings of pyrite										
					5. Clays. 6. Pyrite 5-10%. 7. Dark										
					blackish chloritic halos around										
					sulphides.										
					4 cm plastic brown gouge at 60'										
					Fault at 69-72. Core lost 3.0										
		87	114		1. Grey Arkose 2. Grey-green-brown										
					3. Granular. Consists of subangular										
					crystals of plagioclase, in a										
					earthy groundmass.										
					4. Extremely massive										
					5. Fels, Qtz. 6. 1% very fine pyrite										
					Traces of leucoxene.										
			114		End of hole.										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 6+35 W (Grid) 4957.48 N	DIP AT COLLAR: −90°	HOLE Nº: 86-7 PAGE 1 OF 3
LOGGED BY: J. Paxton	DEPARTURE: 5+75 N (Grid) 4765.38 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 21/86	BEARING: S 45 W (Compass)		NTS: 82E/2
COMPLETED: Oct 21/86	ELEVATION: 1570.49 metres	CASING: 5 pulled	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC / ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG Nº	ASSAYS Au	Ag		WEIGHTED AVERAGE
		0	5		Casing										
		5	39		1. Brown Argillite 2. Pale brown										
					3. Fine grained to aphanitic with										
					local inclusions of cherty material										
					4. Numerous fractures and small										
					irregular bodies of pyrite with										
					chloritic rims 5. Clay 6. Pyrite 5%										
					∴ Blocky muddy core at 14.5,										
					25.0 and 28-29.										
		39	46		1. Grey Chert. 2. Blue grey	42	45	3.0	3.0	100	17611	.003	.01		
					3. Faint granular 4. Massive	45	50	5.0	5.0	100	17612	.006	.01		
					with numerous pyrite filled	50	51.5	1.5	1.5	100	17613	.006	.01		
					fractures 5. Quartz 90%										
					6. Chlorite, Pyrite 10%										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-7

GRAPHIC LOG	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS	WEIGHTED AVERAGE
		46	49		1. Green - brown Clast Sandstone								
					2. grey-brown 3. Granular fine grained & Massive with								
					veined zones of chloritic alteration								
					5 Quartz, chlorite 6. Pyrite 5%								
		49	62		1. Green Clast Similar to								
					previous section 39.46								
					7. More pyrite veinlets. Vuggy								
					in part by vein quartz								
		62	66		Brown Argillite. Very blocky								
					and broken								
		66	95		1. Trachyte Dyke 2. Grey-green								
					3. Fine grained green and grey								
					subangular plagioclase xls								
					plus rounded sand grains in								
					a greenish chloritic groundmass								
					4. Very massive 5. Feldspar 70%								
					Quartz 20% Chlorite 10%								
					cont.								

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5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC /ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTER-VAL	CORE LENGTH	CALC. RECOV.	TAG Nº	ASSAYS			WEIGHTED AVERAGE
					6. Biotite?										
					Fault and lost core 67-75										
			75		End of hole										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 6+20W (Grid) 4976.49 N	DIP AT COLLAR: -45°	HOLE No: 86-8 PAGE 1 OF 3
LOGGED BY: J. PAXTON	DEPARTURE: 6+00 N (Grid) 4782.75 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: OCT 21	BEARING: S45 W (Compass)		NTS: 82E/2
COMPLETED: OCT 22	ELEVATION: 1564.03 metres	CASING: 0-11 NQ Pulled	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	Ft./M FROM	TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC /ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS	WEIGHTED AVERAGE
		0	11		Casing								
		11	12		1. Trachyte Rhomb Porpyry 2. Tan 3. Fine porphyritic of euhedral albite x's with chloritic cores in a fine grained brown felsic groundmass 4. Massive 5. Feldspar 90% 6. Trace hematite								
		12	16		Trachyte 2 Grey brown 3. equigranular fine plagioclase grey brown and green in a chloritic groundmass. 4 Extremely massive 5. Feldspar 90% Chlorite 10% 6. Biotite, magnetite in traces								
		16	19.5		1. Hornblende Porphyry 2. Yellow-brown 3. Porphyry of altered subhedral hornblende crystals plus anhedral white feldspar in a limonite stained								

Cont.

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-8

GRAPHIC LOG	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS			WEIGHTED AVERAGE
					aphanitic groundmass. 4. Massive										
					5. Feldspar 60% Mafics 40%										
					6. Magnetite ?										
		19.5	100		Trachyte similar to section 12-16.										
					Contact at 35° to CA										
		100	102		1. Brown Argillite or Chert										
					2. Pale brown ∓. Aphanitic										
					4 Brecciated and recemented with calcite										
					Also some sheared chlorite-pyrite										
					material										
		102	104.5		Trachyte . Similar to previous										
		104.5	107		Breccia & Shear Zone										
					Shear foliation at 106 at 65°										
					" " " 107 at 35°										

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5086 TOPAZ PLACE RICHMOND B.C.

86-8

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		107	112		Quartz - Sulphide Zone.	105	107	2.0	1.5	75	17614	.006	.03		
					Vein plus vein breccia of	107	110	3.0	3.0	100	17615	.233	.22		.170 Au .168 Ag
					Quartz, massive fine pyrite	110	112	2.0	2.0	100	17616	.076	.09		over 5.0
					and chlorite.	112	115	3.0	2.5	80	17617	.009	.01		
		112	128		Brown Argillite =. Tan										
					3. Aphanitic 4. Locally brecciated										
					Local flow or shear lines at 30°										
		128	143		As above but with large										
					rounded inclusions of grey chert										
					Foliation at 40° to CA										
			143		End of hole										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 6+20 W (Grid) 4977.38 N	DIP AT COLLAR: -65°	HOLE No: 86-9 PAGE 1 OF 5
LOGGED BY: J Paxton	DEPARTURE: 6+00 N (Grid) 4783.60 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 23/86	BEARING: S 45° W (Compass)		NTS: 82E/2
COMPLETED: Oct 24/86	ELEVATION: 1564.03 metres	CASING: 8' NQ Pulled	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS	WEIGHTED AVERAGE
		0	8		Casing								
		8	18		1. Brown Trachyte 2. Brown								
					3. Fine grained porphyry. 4. Massive								
					5. 1-2 mm plagioclase x's in a brown limonitic groundmass.								
		18	40		1. Grey Trachyte 2. Grey to tan								
					3. Fine grained porphyry 4. Massive								
					5. White subhedral plagioclase 2mm 50% Black amphibole subhedral 1mm 20% Aphanitic brown groundmass 30-50%. 6. Magnetite grains 0-1%								
					Second contact sharp at 20° to CA								

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		82.5	120		1. Chert - Argillite Breccia										
					2. Dark grey-brown-green										
					3. Irregular masses, fragments										
					and inclusions of grey chert 1-10cm										
					and quartz-pyrite material										
					in a mottled green-brown argillite										
					groundmass. 4. Sheared breccia.										
					5. Quartz, beta, clay chlorite										
					6. Pyrite 2-15%										
		120	124		Brecciated Trachyte.										
					Trachyte dyke fragments 1-10cm										
					in a chloritic-pyritic groundmass.										
		124	130		Sheared and chloritized brown										
					argillite 2. Grey-green-brown										
					3. Aphanitic 4. Fractured and										
					sheared with sulphide fracture fillings										
					5. Clays, quartz 6. Chlorite 5-50%										
					locally. Sulphides 5-10% 7. 125-126	125	126	1.0	1.0	100	17620	.004	.05		
					Peculiar dendritic veinlets of	126	130	4.0	4.0	100	17621	.023	.03		
					cont.										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-9

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		40	52		1. Brown Argillite 2. Tan to brown 3. Aphanitic earthy 4. Strongly fractured with fracture fillings of fine pyrite and quartz. 5. Trace quartz 6. Pyrite, pyrrhotite										
		52	54		1. Chert Breccia 2. Grey 3. Indistinct granular chert 4. Breccia of strongly fractured white & grey chert cemented with sulphides. 5. Quartz 60% Sulphides 40% 6. Pyrite, pyrrhotite trace chalcopyrite Contacts at 45°	52	54	2.0	2.0	100	17618	.01	.24		
		54	81		1. Brown Argillite. Same as previously										
		81	82.5		1. Chert Breccia. Similar to previous May be vein quartz. Irregular contacts at 40° 5. Quartz 80% Sulphides 10% Clay 10%	81	82.5	1.5	1.5	100	17619	.004	.02		

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
					Fine grained pyrrhotite in pale cream argillite. Foliation at 35° to CA										
		130	135		Stockwork or parallel quartz sulphide veinlets in strongly chloritized argillite. Veinlets 5-10 cm consisting of 50-70% white quartz, 15-25% fine pyrite 5-10% pyrrhotite 15-25% massive coarse arsenopyrite 1-2% chalcopyrite. Quartz-sulphide veinlets comprise 30% of total section	130	135	5.0	4.5	90	17622	.049	.04		
						135	139	4	4	100	17623	.004	.04		
		135	164		Sheared Argillite. Similar to section 124-130 Foliation at 30° to CA	139	144	5	5	100	17624	.006	.04		
						144	149	5	5	100	17625	.002	.03		
					Slips at 0° and 60°	149	154	5	5	100	A1001	<.002	.04		
					154-154.5 Pyritized fault breccia at 60° to C.A. Tw = 6cm	154	154.5	0.5	0.4	80	A1002	.017	.09		

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-9

GRAPHIC LOG	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV	TAG No	ASSAYS			WEIGHTED AVERAGE
		164	168		1. Sheared Agglomerate 2. Grey and Black 3. Elongated lenses and bands of grey chert sandstone material in a dark grey to black aphanitic earthy matrix. Foliation 80° / 4. Bedded? 5. Chert, chlorite, clay. 6. Graphite on slips.										
			168		End of hole										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 6+20 W (Grid) 4978.11 N	DIP AT COLLAR: -80°	HOLE Nº: 86-10 PAGE 1 OF 5
LOGGED BY: J. PAXTON	DEPARTURE: 6+00 N (Grid) 4784.21E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 24/86	BEARING: S45W (Compass)		NTS: 82E/2
COMPLETED: Oct 25/86	ELEVATION: 1564.03	CASING: NQ 12' Pulled	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG Nº	ASSAYS			WEIGHT AVERA
		0	12		Casing										
		12	13		1. Microdiorite 2. Dark green 3. granitic, equigranular 4. Massive 5. Plagioclase 60% Mafics 40% 6. Biotite as scattered crystals 1-2 mm.										
		13	22		1. Brown Trachyte 2. Brown 3. Porphyritic 4. Massive 5. Intrusive zoned albite xls 40% 2-5 mm Biotite &/or hornblende 25% Aphanitic felsic groundmass 35%										
		22	55		1. Brecciated Brown Argillite 2. Green, brown, tan, violet 3. Rounded fragments of tan chert 1-50 mm with numerous										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-10

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
	Tan chert glassy qtz veinlet Py, Po, chlorite groundmass.				glassy quartz veinlets in a massive fine grained chlorite, pyrite and pyrrhotite 4 Breccia 5. Clay, quartz, chlorite 6. Leucoxene, minor pyrrhotite 7. Section 39-45 is mostly pale grey chert breccia with 15% leucoxene in the groundmass.										
		55	62		Tan brecciated 2. Tan to brown 3. Aphanitic 4 Massive with pyrite filled fractures 5 Clays chlorite 6 Pyrite, chlorite										
		62	66		Pale Grey Chert 2. Grey 3. Indistinctly granular or crushed 4. Stronglu fractured 5 Quartz 6. Pyrite & pyrrhotite veinlets and fracture fillings especially in the section 64-66	64	66	2.0	2.0	100	1003	.012	.02		

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag	ASSAYS	WEIGHTED AVERAGE
		66	115		Brown Argillite Similar to previous	115	119	3.0	3.0	100	10004	.003	.01		
					7. Sections 102-104, 106-107										
					"Trachyte Facies" Consists of										
					subhedral, highly altered plagioclase										
					xls 30% in brecciated silty										
					felsic xls 30% veins average 20%										
					in an aphanitic dark grey groundmass										
					Contacts are gradational.										
		119	122		Grey Chert. Similar to previous										
					but with less sulphides.										
					Contacts at 70°										
		122	129		Brown Argillite. Similar to previous										
					125- 1/3 cm grey plastic gouge										
					at 60° to CA										
		129	130.5		Grey Chert. Similar to previous										
					Contacts 55° and 70°										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-10

GRAPHIC LOG	STRUCTURE	Ft./M FROM	Ft./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS	WEIGHTED AVERAGE
		130.5	136.5		Brown dacitic Similar to previous								
		136.5	140		"Transitional Facies" similar to previous 2. Greenish brown 3. Aphanitic 4. Massive 5. Euhedral brown plagioclase 2mm with clay altered core 40% Skeletons x's of pink leucoxene ±20%. Indistinct fragments of white feldspar 20% Aphanitic dark grey groundmass 20% 6. Scattered blebs of pyrite Contacts sharp at 90°								
		140	143		Grey Chert. Similar to previous Sparse pyrite - pyrrhotite in fractures Contacts 1" at 45°								
		143	157		Brecciated and chloritized Brown Argillite								
		157	160	70	Muddy blocky core								

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTER-VAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS			WEIGHTED AVERAGE
		160	165		Brown Arg. [illegible] Similar to previous Gradational [illegible] next section										
		165	173		"Clay Altered" Trachyte 2. Green-grey [illegible] 3. Euhedral aggregates (rosettes) of white feldspar in a [illegible] fine grained granular groundmass of 'clay minerals'. 4) Massive with rapid changes in grain size and with indistinct inclusions of brown argillite material										
		178	211		Brecciated Brown Argillite Indistinct brown argillite fragments in a chloritic grey green groundmass. Extremely strong argillic alteration! Very muddy blocky core										
			211		End of hole!										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 6465 W (Grid) 5003.15 N	DIP AT COLLAR: −45°	HOLE Nº: 86-11 PAGE 1 OF 3
LOGGED BY: J. PAXTON	DEPARTURE: 6+00 N (Grid) 4754.00 E	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 25/86	BEARING: S 45 W	Artesian water flow	NTS: 82E/2
COMPLETED: Oct 26/86	ELEVATION: 1564.51 metres	CASING: NQ 20' Left in	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC /ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG Nº	ASSAYS			WEIGHTED AVERAGE
		0	20		Casing										
		20	24		Short broken sections of white chert 2", black siliceous breccia 2", greenstone 7", mud 3" grey chert 6", zircon rhomb porphyry 6", Breccia and mud 14". (Some of this may be boulders										
		24	35		1. Brown Argillite 2. Tan to pale green. 3. Aphanitic 4. Massive with numerous fractures filled with chlorite and/or pyrite										
		35	38		1. Greenstone 2. Dark green 3. Very fine grained granitic 4. Massive 5. Feldspar & chlorite 6. Scattered pyrite blebs. Quartz veinlets.										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
					Lower contact at 70°										
		38	41		Brown Argillite as previously										
		41	50		Greenstone as previously										
		50	82		Brown Argillite as previously	74	78	4.0	4.0	100	1005	.003	.01		
					Towards end of section	78	82	4.0	4.0	100	1006	.006	.01		
					Numerous sulphide veinlets										
					with green chloritic halos										
					Contact sharp at 75° to CA										
		82	143		1. Trachyte Dyke 2. Grey-green										
					3. Fine grained aphitic 4. Massive										
					5. Plagioclase 75% Mafics 20%										
					Leucoxene 5% Pyrite 0-5%										
					Scattered calcite veinlets										
		143	151		Fault. Core washed away										
					Artesian water flow in										
					excess of 20 gpm.										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS			WEIGHTED AVERAGE
		151	162	50%	1. Chert Conglomerate 2. Black, grey, white. 3 Subangular to rounded white, grey, and black chert pebbles plus occasional green argillite pebbles in an amorphous siliceous matrix 4. Massive 5. Quartz 90% 6. chlorite veinlets Blocky recoveries										
		162	172		Trachyte Dyke as previously										
		172	172.8		Fine chert sandstone										
		172.8	174		Trachyte Dyke										
		174	184		1. Chert Conglomerate as previously										
		184	185		Trachyte Dyke as previously Contacts = 1st at 85° 2nd at 45°										
		185	187		Chert Conglomerate as previously										
			187		End of hole										

Appendix III

Assay Certificates

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

*** ASSAY REPORT ***

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86360
Date: October 27, 1986
Proj.: Wild Rose (8606)

	Au oz/T	Ag oz/T	
17636	0.002	<0.01	↑
17637	0.002	<0.01	
17638	0.009	<0.01	
17639	0.003	<0.01	
17640	0.003	<0.01	– Split drill core
17641	0.003	0.01	
17642	0.003	<0.01	
17643	0.009	<0.01	
17644	0.014	<0.01	
17645	0.006	<0.01	
17646	0.614	0.70	
17647	0.073	0.31	
17648	0.041	0.15	
17649	0.009	<0.01	
17650	0.006	<0.01	↓

Duncan Sandercock
Licensed Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

*** ASSAY REPORT ***

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86366
Date: October 27, 1986
Proj.: Wild Rose (8606)

	Au o/T	Ag o/T	
17601	0.006	<0.01	
17602	0.003	<0.01	
17603	0.006	<0.01	
17604	0.009	<0.01	
17605	0.009	<0.01	-Split drill core
17606	0.012	0.09	
17607	0.184	0.55	
17608	0.080	0.26	
17609	0.152	0.34	
17610	0.012	0.04	
17611	0.003	<0.01	
17612	0.006	<0.01	
17613	0.006	0.01	
17614	0.006	0.03	
17615	0.233	0.22	
17616	0.076	0.09	
17617	0.009	<0.01	

Duncan Sanderson
Licensed Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

*** ASSAY REPORT ***

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86371
Date: November 5, 1986
Proj.: Wild Rose (8606)

	Au o/T	Ag o/T	
1041	<0.002	<0.01	
1042	0.006	0.02	
1043	<0.002	<0.01	
1044	0.029	<0.01	
1045	<0.002	0.01	
1046	0.003	0.02	
1047	<0.002	<0.01	
1048	<0.002	0.01	
1049	<0.002	0.02	
1050	0.012	0.05	
1051	0.198	0.15	
1052	0.432	0.21	
1053	0.082	0.39	
1054	0.009	0.06	
1055	<0.002	0.02	- Split Drill Core
1056	0.004	0.04	
1057	0.003	0.09	
1058	0.004	0.05	
1059	0.004	0.04	
1060	0.003	0.02	
1061	0.003	0.02	
1062	0.003	0.04	
1063	<0.002	0.01	
17618	0.010	0.24	
17619	0.004	0.02	
17620	0.004	0.05	
17621	0.023	0.03	
17622	0.049	0.04	
17623	0.004	0.04	
17624	0.006	0.04	
17625	0.002	0.03	

Duncan Sanderson
Licensed Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

GEOCHEMICAL REPORT

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86-290
Date: September 26, 1986
Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
0+00W	0+00N	30	0.1	13
	0+25N	70	<0.1	
	0+50N	60	0.1	10
	0+75N	20	<0.1	
	1+00N	90	0.2	< 1
	1+25N	30	<0.1	
	1+50N	50	<0.1	9
	1+75N	40	0.2	
	2+00N	30	0.1	22
	2+25N	60	0.7	
	2+50N	20	<0.1	11
	2+75N	120	0.8	
	3+00N	30	0.2	28
	3+25N	20	<0.1	
	3+50N	< 5	<0.1	22
	3+75N	35	<0.1	
	4+00N	30	<0.1	13
	4+25N	35	0.1	
	4+50N	40	0.3	10
	4+75N	30	0.2	
	5+00N	20	0.1	3
	5+25N	35	<0.1	
	5+50N	30	0.2	34
	5+75N	10	0.1	
	6+00N	30	0.1	42
	6+25N	30	0.2	
	6+50N	20	<0.1	37
	6+75N	60	<0.1	
	7+00N	40	0.1	9
	7+25N	20	0.1	
	7+50N	10	0.3	58
	7+75N	70	0.1	
	8+00N	20	0.3	1280
	8+25N	15	0.1	
	8+50N	35	0.2	53
	8+75N	10	0.1	
	9+00N	< 5	0.1	26
	9+25N	< 5	0.1	
	9+50N	< 5	0.1	25
	9+75N	5	<0.1	

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

GEOCHEMICAL REPORT

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86-290
Date: September 26, 1986
Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
0+00W	10+00N	< 5	<0.1	31
0+25W	0+00N	45	0.3	19
	0+25N	10	<0.1	
	0+50N	10	0.4	18
	0+75N	75	0.2	
	1+00N	1010	2.4	56
	1+25N	85	0.6	
	1+50N	40	0.2	21
	1+75N	30	0.1	
	2+00N	10	0.1	16
	2+25N	60	0.6	
	2+50N	10	0.2	10
	2+75N	5	<0.1	
	3+00N	40	0.1	36
	3+25N	10	0.6	
	3+50N	< 5	0.1	22
	3+75N	40	0.4	
	4+00N	30	<0.1	18
	4+25N	10	<0.1	
	4+50N	30	<0.1	20
	4+75N	< 5	<0.1	
0+50W	5+00N	< 5	0.1	13
	5+25N	< 5	0.2	
	5+50N	20	<0.1	18
	5+75N	30	<0.1	
	6+00N	30	0.2	61
	6+50N	30	0.1	43
	6+75N	10	<0.1	
	7+00N	15	<0.1	82
	7+25N	15	<0.1	
	7+50N	30	<0.1	37
	7+75N	< 5	<0.1	
	8+25N	10	<0.1	
	8+50N	5	<0.1	37
	8+75N	10	<0.1	
	9+00N	30	0.4	28
	9+50N	20	0.1	14
	9+75N	< 5	<0.1	

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

GEOCHEMICAL REPORT

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86-290
Date: September 26, 1986
Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
0+50W	10+00N	< 5	0.2	10
1+00W	0+00N	< 5	0.2	10
	0+25N	< 5	0.1	
	0+50N	< 5	0.1	20
	0+75N	< 5	0.1	
	1+00N	< 5	0.2	18
	1+25N	< 5	0.1	
	1+50N	< 5	0.1	20
	1+75N	< 5	<0.1	
	2+00N	< 5	<0.1	12
	2+25N	< 5	<0.1	
	2+50N	< 5	<0.1	26
	2+75N	< 5	<0.1	
	3+00N	< 5	<0.1	12
	3+25N	< 5	<0.1	
	3+50N	< 5	<0.1	14
	3+75N	< 5	<0.1	
	4+00N	< 5	<0.1	8
	4+25N	20	<0.1	
	4+50N	< 5	<0.1	18
	4+75N	< 5	<0.1	
	5+00N	< 5	<0.1	46
	5+25N	< 5	<0.1	
	5+50N	< 5	<0.1	26
	5+75N	10	<0.1	
	6+00N	80	<0.1	26
	6+25N	10	<0.1	
	6+50N	< 5	<0.1	18
	6+75N	20	<0.1	
	7+00N	< 5	<0.1	52
	7+25N	< 5	0.1	
	7+50N	< 5	<0.1	44
	8+00N	< 5	<0.1	36
	8+25N	< 5	<0.1	
	8+50N	< 5	0.1	24
	8+75N	< 5	0.2	
	9+00N	< 5	0.1	50
	9+25N	< 5	<0.1	
	9+50N	10	<0.1	26

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

GEOCHEMICAL REPORT

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86-290
Date: September 26, 1986
Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
1+00W	9+75N	10	<0.1	
1+50W	0+00N	< 5	<0.1	58
	0+25N	10	<0.1	
	0+50N	< 5	1.7	40
	0+75N	< 5	<0.1	
	1+00N	< 5	<0.1	32
	1+25N	< 5	0.1	
	1+50N	< 5	<0.1	56
	1+75N	< 5	<0.1	
	2+00N	< 5	<0.1	66
	2+25N	< 5	<0.1	
	2+50N	< 5	<0.1	26
	2+75N	< 5	<0.1	
	3+00N	< 5	<0.1	38
	3+25N	< 5	0.1	
	3+50N	< 5	0.4	54
	3+75N	< 5	<0.1	
	4+00N	< 5	<0.1	38
	4+25N	< 5	<0.1	
	4+50N	10	0.1	66
	4+75N	15	<0.1	
	5+00N	30	<0.1	38
	5+25N	10	<0.1	
	5+50N	10	<0.1	44
	5+75N	< 5	<0.1	
	6+00N	15	<0.1	78
	6+25N	10	0.2	
	6+50N	10	0.7	32
	6+75N	10	0.2	
	7+00N	< 5	0.1	26
	7+25N	< 5	0.1	
	7+50N	< 5	<0.1	20
	7+75N	< 5	<0.1	
	8+00N	30	<0.1	26
	8+25N	< 5	<0.1	
	8+50N	< 5	0.3	28
	8+75N	10	0.3	
	9+00N	60	0.4	30
	9+25N	< 5	0.1	

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Date: September 26, 1986
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		Au ppb	Ag ppm	As ppm
1+50W	9+50N	10	0.1	60
	9+75N	< 5	<0.1	
	10+00N	< 5	0.1	20
2+00W	0+00N	< 5	0.1	58
	0+25N	< 5	<0.1	
	0+50N	< 5	<0.1	64
	0+75N	< 5	<0.1	
	1+00N	< 5	<0.1	24
	1+25N	< 5	0.1	
	1+50N	< 5	<0.1	30
	1+75N	< 5	<0.1	
	2+00N	< 5	<0.1	40
	2+25N	< 5	0.2	
	2+50N	< 5	<0.1	38
	2+75N	< 5	<0.1	
	3+00N	< 5	<0.1	46
	3+25N	< 5	<0.1	
	3+50N	< 5	<0.1	32
	3+75N	< 5	<0.1	
	4+00N	< 5	<0.1	42
	4+25N	< 5	0.2	
	4+50N	< 5	0.1	56
	4+75N	< 5	<0.1	
	5+00N	< 5	<0.1	40
	5+25N	< 5	<0.1	
	5+50N	< 5	<0.1	36
	5+75N	< 5	<0.1	
	6+00N	< 5	<0.1	64
	6+25N	< 5	<0.1	
	6+50N	< 5	<0.1	42
	6+75N	< 5	<0.1	
	7+00N	< 5	<0.1	32
	7+25N	200	<0.1	
	7+50N	< 5	0.2	24
	7+75N	< 5	<0.1	
	8+00N	< 5	<0.1	22
	8+25N	10	<0.1	
	8+50N	190	0.2	36
	8+75N	< 5	<0.1	

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		Au ppb	Ag ppm	As ppm
2+00W	9+25N	20	<0.1	
	9+50N	20	<0.1	44
	9+75N	< 5	<0.1	
	10+00N	20	<0.1	22
2+50W	0+00N	< 5	<0.1	34
	0+25N	10	0.2	
	0+50N	10	1.1	30
	0+75N	15	0.3	
	1+00N	< 5	0.2	28
	1+25N	< 5	0.1	
	1+50N	< 5	<0.1	16
	1+75N	< 5	<0.1	
	2+00N	< 5	1.1	38
	2+25N	10	<0.1	
	2+50N	< 5	<0.1	16
	2+75N	< 5	<0.1	
	3+00N	< 5	1.2	30
	3+25N	< 5	0.4	
	3+50N	< 5	<0.1	30
	3+75N	< 5	<0.1	
	4+00N	10	0.2	28
	4+25N	25	0.2	
	4+50N	< 5	0.1	38
	4+75N	10	0.3	
	5+00N	30	0.2	78
	5+25N	10	0.2	
	5+50N	10	0.2	62
	5+75N	10	0.2	
	6+00N	< 5	<0.1	36
	6+25N	40	0.2	
	6+50N	40	0.2	56
	6+75N	10	<0.1	
	7+00N	20	<0.1	28
	7+25N	< 5	0.2	
	7+50N	25	<0.1	22
	7+75N	20	<0.1	
	8+00N	10	<0.1	70
	8+25N	20	<0.1	
	8+50N	20	<0.1	32

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Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
2+50W	8+75N	20	<0.1	
	9+00N	20	<0.1	48
	9+25N	10	0.1	
	9+50N	< 5	<0.1	30
	9+75N	30	0.1	
	10+00N	< 5	<0.1	20
3+00W	1+50N	5	<0.1	24
	1+75N	10	<0.1	
	2+00N	5	<0.1	22
	2+25N	< 5	<0.1	
	2+50N	10	<0.1	24
	2+75N	10	<0.1	
	3+00N	20	<0.1	44
	3+25N	5	<0.1	
	3+50N	10	<0.1	28
	3+75N	20	<0.1	
	4+00N	20	<0.1	28
	4+25N	20	<0.1	
	4+50N	20	<0.1	80
	4+75N	10	0.2	
	5+00N	40	<0.1	78
	5+25N	10	<0.1	
	5+50N	30	<0.1	54
	5+75N	20	<0.1	
	6+00N	10	<0.1	56
	6+25N	25	<0.1	
	6+50N	5	<0.1	46
	6+75N	20	<0.1	
	7+00N	30	<0.1	22
	7+25N	20	<0.1	
	7+50N	30	<0.1	18
	7+75N	45	<0.1	
	8+00N	35	<0.1	24
	8+25N	40	<0.1	
	8+50N	30	0.1	30
	8+75N	25	0.1	
	9+00N	35	<0.1	44
	9+25N	20	<0.1	
	9+50N	10	0.1	26

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To: Petralith Services Ltd.
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Attn: Jim Paxton

Number: 86-290
Date: September 26, 1986
Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
3+00W	9+75N	10	<0.1	
	10+00N	10	0.1	24
3+50W	1+50N	470	0.2	32
	1+75N	10	0.1	
	2+00N	10	0.3	28
	2+25N	30	<0.1	
	2+50N	110	0.1	24
	2+75N	75	0.1	
	3+00N	20	<0.1	24
	3+25N	80	<0.1	
	3+50N	10	<0.1	26
	3+75N	40	<0.1	
	4+00N	10	<0.1	30
	4+50N	20	<0.1	44
	4+75N	30	0.2	
	5+00N	20	<0.1	56
	5+25N	5	<0.1	
	5+50N	10	<0.1	24
	5+75N	15	<0.1	
	6+00N	15	<0.1	32
	6+25N	20	<0.1	
	6+50N	30	<0.1	8
	6+75N	65	<0.1	
	7+00N	< 5	0.1	22
	7+25N	20	0.3	
	7+50N	30	0.1	20
	7+75N	90	0.2	
	8+00N	25	0.2	12
	8+25N	5	0.1	
	8+50N	5	0.1	20
	8+75N	< 5	0.1	
	9+00N	35	0.3	8
	9+25N	30	0.2	
	9+50N	10	0.2	60
	9+75N	20	<0.1	
	10+00N	50	0.1	58
4+00W	1+50N	40	0.1	76
	1+75N	40	<0.1	

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Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
4+00W	2+00N	115	<0.1	40
	2+25N	10	0.1	
	2+50N	5	0.1	32
	2+75N	< 5	0.3	
	3+00N	< 5	0.2	56
	3+25N	70	0.2	
	3+50N	25	0.2	54
	3+75N	30	0.2	
	4+00N	10	0.2	88
	4+25N	10	0.1	
	4+50N	10	0.1	42
	4+75N	10	0.1	
	5+00N	10	0.2	124
	5+25N	10	<0.1	
	5+50N	50	0.1	108
	5+75N	30	0.4	
	6+00N	15	0.1	42
	6+25N	10	0.2	
	6+50N	< 5	<0.1	22
	6+75N	20	<0.1	
	7+00N	20	0.1	28
	7+50N	10	<0.1	28
	7+75N	40	<0.1	
	8+00N	20	<0.1	26
	8+50N	20	<0.1	30
	8+75N	40	0.1	
	9+00N	30	<0.1	20
	9+25N	20	0.1	
	9+50N	35	<0.1	34
	9+75N	20	0.1	
	10+00N	15	<0.1	26
4+50W	1+50N	30	0.1	
	1+75N	15	<0.1	
	2+00N	5	<0.1	26
	2+25N	10	<0.1	
	2+50N	< 5	<0.1	26
	2+75N	10	0.2	
	3+00N	20	0.1	40
	3+25N	< 5	0.1	

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Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
4+50W	3+50N	25	0.4	52
	3+75N	20	0.1	
	4+00N	50	0.1	42
	4+25N	35	0.2	
	4+50N	40	0.1	36
	4+75N	20	0.1	
	5+00N	60	0.1	62
	5+25N	25	0.2	
	5+50N	40	0.1	70
	5+75N	60	0.2	
	6+00N	30	0.1	52
	6+25N	40	<0.1	
	6+50N	90	0.1	58
	6+75N	45	<0.1	
	7+00N	20	<0.1	42
	7+25N	45	<0.1	
	7+50N	30	0.2	36
	8+00N	45	0.1	44
	8+25N	40	0.2	
	8+50N	60	0.2	32
	8+75N	40	0.2	
	9+00N	< 5	0.3	26
	9+25N	< 5	1.2	
	9+50N	10	0.2	24
	9+75N	10	0.2	
	10+00N	< 5	0.1	42
5+00W	1+50N	< 5	0.1	28
	1+75N	< 5	0.2	
	2+00N	< 5	0.3	36
	2+25N	< 5	0.1	
	2+50N	< 5	0.1	18
	2+75N	15	0.1	
	3+00N	< 5	0.2	42
	3+25N	< 5	0.2	
	3+50N	< 5	0.1	22
	3+75N	< 5	0.1	
	4+00N	< 5	0.2	38
	4+25N	< 5	0.2	
	4+50N	< 5	0.3	50

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		Au ppb	Ag ppm	As ppm
5+00W	4+75N	< 5	0.3	
	5+00N	10	0.2	36
	5+25N	125	0.1	
	5+50N	100	0.2	93
	6+00N	20	<0.1	40
	6+25N	30	<0.1	
	6+50N	40	0.1	44
	6+75N	80	<0.1	
	7+00N	< 5	<0.1	56
	7+25N	30	<0.1	
	7+50N	20	<0.1	50
	7+75N	70	<0.1	
	8+00N	20	<0.1	36
	8+25N	35	<0.1	
	8+50N	35	<0.1	30
	8+75N	20	<0.1	
	9+00N	20	<0.1	42
	9+25N	55	<0.1	
	9+50N	30	<0.1	20
	9+75N	20	<0.1	
	10+00N	50	<0.1	26
5+50W	1+50N	40	<0.1	50
	1+75N	60	<0.1	
	2+00N	20	<0.1	28
	2+25N	20	<0.1	
	2+50N	10	<0.1	20
	2+75N	10	<0.1	
	3+00N	20	0.1	34
	3+25N	10	0.1	
	3+50N	20	0.1	16
	3+75N	40	0.3	
	4+00N	20	0.3	40
	4+25N	35	0.3	
	4+50N	< 5	0.1	28
	4+75N	10	0.1	
	5+00N	35	0.3	82
	5+25N	70	0.4	
	5+50N	20	0.2	106
	5+75N	10	0.1	

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		Au ppb	Ag ppm	As ppm
5+50W	6+00N	< 5	0.2	40
	6+25N	5	0.1	
	6+50N	20	0.3	30
	6+75N	35	0.3	
	7+00N	55	0.3	96
	7+25N	45	0.2	
	7+50N	30	0.2	32
	7+75N	25	0.1	
	8+00N	20	0.1	66
	8+25N	70	0.1	
	8+50N	260	0.3	90
	8+75N	30	0.2	
	9+00N	50	0.1	40
	9+25N	25	0.2	
	9+50N	10	0.2	42
	9+75N	10	0.1	
	10+00N	60	<0.1	32
6+00W	1+50N	65	0.2	52
	1+75N	10	0.1	
	2+00N	1250	0.2	32
	2+25N	< 5	0.1	
	2+50N	20	0.1	26
	2+75N	40	0.4	
	3+00N	230	0.2	20
	3+25N	20	0.1	
	3+50N	35	1.9	40
	3+75N	20	0.6	
	4+00N	20	0.3	36
	4+25N	25	0.3	
	4+50N	20	0.1	16
	4+75N	10	0.3	
	5+00N	15	0.3	26
	5+25N	30	0.1	
	5+50N	280	0.5	440
	5+75N	60	0.3	
	6+00N	30	0.3	48
	6+25N	85	0.2	
	6+50N	60	0.1	28
	6+75N	30	0.2	

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		Au ppb	Ag ppm	As ppm
6+00W	7+00N	20	0.1	34
	7+25N	35	0.2	
	7+50N	65	1.0	38
	7+75N	180	0.2	
	8+00N	40	0.4	40
	8+25N	70	0.3	
	8+50N	260	0.4	58
	8+75N	250	0.3	
	9+00N	30	0.3	58
	9+25N	10	0.2	
	9+50N	20	0.5	18
	9+75N	30	0.2	
	10+00N	10	0.1	10
6+50W	1+50N	160	0.1	52
	1+75N	10	0.1	
	2+00N	15	0.1	32
	2+25N	10	0.1	
	2+50N	10	0.1	22
	2+75N	10	0.2	
	3+00N	20	0.2	22
	3+25N	20	0.3	
	3+50N	10	0.3	28
	3+75N	30	0.5	
	4+00N	15	1.4	60
	4+25N	30	0.3	
	4+50N	55	0.3	22
	4+75N	40	0.4	
	5+00N	10	0.2	40
	5+25N	25	0.3	
	5+50N	10	0.3	16
	5+75N	270	0.2	
	6+00N	20	0.3	58
	6+25N	20	0.3	
	6+50N	35	0.1	18
	6+75N	55	<0.1	
	7+00N	10	<0.1	26
	7+25N	30	0.1	
	7+50N	110	0.1	36
	7+75N	195	0.1	

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		Au ppb	Ag ppm	As ppm
6+50W	8+00N	15	0.1	24
	8+25N	5	0.2	
	8+50N	20	0.2	24
	8+75N	10	0.7	
	9+00N	30	0.2	14
	9+25N	100	0.3	
	9+50N	40	0.3	30
	9+75N	15	0.2	
	10+00N	< 5	<0.1	24
7+00W	3+00N	30	<0.1	24
	3+25N	40	<0.1	
	3+50N	35	0.4	28
	3+75N	30	0.5	
	4+00N	20	0.4	24
	4+25N	65	0.6	
	4+50N	60	0.9	58
	4+75N	20	0.5	
	5+00N	10	0.4	42
	5+25N	30	0.3	
	5+50N	40	0.4	30
	5+75N	40	1.1	
	6+00N	55	0.3	32
	6+25N	15	0.3	
	6+50N	30	0.2	24
	6+75N	20	0.3	
	7+00N	5	0.2	14
	7+25N	40	0.4	
	7+50N	20	0.3	16
	7+75N	20	0.3	
	8+00N	< 5	1.0	12
	8+25N	10	<0.1	
	8+50N	15	<0.1	8
	8+75N	5	<0.1	
	9+00N	15	<0.1	8
	9+25N	80	<0.1	
	9+50N	55	0.1	16
	9+75N	< 5	<0.1	
	10+00N	30	<0.1	12

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

GEOCHEMICAL REPORT

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86-290
Date: September 26, 1986
Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
7+50W	3+00N	55	<0.1	20
	3+25N	25	<0.1	
	3+50N	20	<0.1	26
	3+75N	< 5	<0.1	
	4+00N	30	0.1	24
	4+25N	50	0.2	
	4+50N	20	<0.1	16
	4+75N	50	0.3	
	5+00N	25	0.1	26
	5+25N	20	0.2	
	5+50N	60	<0.1	82
	5+75N	60	0.1	
	6+00N	30	0.1	40
	6+25N	40	0.1	
	6+50N	60	<0.1	30
	6+75N	35	<0.1	
	7+00N	40	0.1	34
	7+25N	20	0.1	
	7+50N	10	0.1	14
	7+75N	20	<0.1	
	8+00N	35	<0.1	18
	8+25N	10	0.1	
	8+50N	10	<0.1	24
	8+75N	20	0.1	
	9+00N	20	0.1	8
	9+25N	10	0.2	
	9+50N	200	<0.1	10
	9+75N	15	<0.1	
	10+00N	10	<0.1	8
8+00W	3+00N	45	<0.1	34
	3+25N	25	0.1	
	3+50N	30	0.2	36
	3+75N	80	0.1	
	4+00N	20	0.1	48
	4+25N	80	<0.1	
	4+50N	20	<0.1	38
	4+75N	10	0.1	
	5+00N	30	0.9	48
	5+25N	30	0.4	

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Number: 86-290
Date: September 26, 1986
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		Au ppb	Ag ppm	As ppm
8+00W	5+50N	80	0.3	170
	5+75N	60	0.2	
	6+00N	20	<0.1	98
	6+25N	< 5	<0.1	
	6+50N	10	0.1	22
	6+75N	10	<0.1	
	7+00N	65	0.5	34
	7+25N	50	<0.1	
	7+50N	70	0.2	18
	7+75N	50	0.3	
	8+00N	30	0.6	64
	8+25N	35	0.2	
	8+50N	55	0.1	26
	8+75N	75	<0.1	
	9+00N	100	<0.1	12
	9+25N	55	<0.1	
	9+50N	25	<0.1	30
	9+75N	45	<0.1	
	10+00N	35	<0.1	36
8+50W	5+00N	85	<0.1	30
	5+25N	10	<0.1	
	5+50N	50	<0.1	102
	5+75N	65	0.1	
	6+00N	25	0.1	30
	6+25N	90	0.2	
	6+50N	40	0.7	70
	6+75N	35	0.2	
	7+25N	10	0.1	
	7+50N	10	<0.1	20
	7+75N	< 5	0.7	
	8+00N	5	<0.1	22
	8+25N	< 5	<0.1	
	8+50N	< 5	0.1	22
	8+75N	< 5	<0.1	
	9+00N	5	<0.1	34
	9+25N	10	<0.1	
	9+50N	5	<0.1	24
	9+75N	< 5	<0.1	
	10+00N	10	<0.1	20

Duncan Sanderson

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#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

GEOCHEMICAL REPORT

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86-290
Date: September 26, 1986
Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
9+06W	5+00N	< 5	0.2	46
	5+25N	< 5	<0.1	
	5+50N	< 5	0.1	170
	5+75N	10	0.1	
	6+00N	< 5	<0.1	46
	6+25N	5	<0.1	
	6+50N	< 5	0.1	24
	6+75N	90	0.1	
	7+00N	80	<0.1	26
	7+25N	115	0.2	
	7+50N	40	0.2	36
	7+75N	30	<0.1	
	8+00N	75	0.2	30
	8+25N	80	<0.1	
	8+50N	25	<0.1	20
	8+75N	55	<0.1	
	9+00N	55	<0.1	16
	9+25N	70	0.2	
	9+50N	50	0.1	16
	9+75N	35	<0.1	
	10+00N	45	<0.1	12
9+50W	5+00N	90	<0.1	42
	5+25N	120	<0.1	
	5+50N	105	0.1	144
	5+75N	65	<0.1	
	6+00N	70	<0.1	38
	6+25N	70	<0.1	
	6+50N	100	<0.1	32
	6+75N	80	<0.1	
	7+00N	115	<0.1	46
	7+25N	170	0.1	
	7+50N	90	0.2	22
	7+75N	75	0.1	
	8+00N	70	0.1	22
	8+25N	50	<0.1	
	8+50N	70	<0.1	34
	8+75N	120	<0.1	
	9+00N	60	0.1	14
	9+25N	60	<0.1	

Duncan Sanderson

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#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

GEOCHEMICAL REPORT

To: Petralith Services Ltd.
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attn: Jim Paxton

Number: 86-290
Date: September 26, 1986
Proj.: Wild Rose (8606)

		Au ppb	Ag ppm	As ppm
9+50W	9+50N	70	(0.1	20
	9+75N	170	0.1	
	10+00N	70	0.1	16

Duncan Sanderson

Appendix IV

Letter of November 5, 1986 Describing Costs Incurred under supervision of Wild Rose Resources Ltd.

WILDROSE RESOURCES LTD.
807 - 626 West Pender Street
Vancouver, B.C. V6B 1V9

November 5, 1986

Petralith Services Limited
5086 Topaz Place
Richmond, B.C.
V7C 4Z4

Attention: Mr. James Paxton, P.Eng.

Dear Sir:

Re: Wildrose Property, Greenwood, B.C.

Please be advised that after reviewing the recently completed work program on our mineral claims located near Greenwood, B.C., management forwards to you a breakdown of all the costs that were incurred by Wildrose Resources Ltd. in carrying out its part of the work program at the Greenwood property.

Note: Items are numbered in accordance with your report dated July 21, 1986

PHASE II

ITEM			
1	Repair and improve access road		
	Costs included machine rental and supervision		
	10 machine hours x $100./day	$	1,000.00
	6 man days x $250./day		1,500.00
		$	2,500.00
2	Backhoe trenching known vein		
	Costs include transportation of machine, machine rental, machine repair, support and supervision		
	Transportation of machine - 2 ways	$	600.00
	Machine rental 16 hrs @ $100./hr		1,600.00
	Machine repair		400.00
	Supervision - 12 man days @ $250./day		3,000.00
		$	5,600.00
4.	Reopen No. 1 and No. 2 Adits		
	20 man days preparation @ $250./day	$	5,000.00
		$	5,000.00
17.	Meals and accomodation		
	4 months @ $600./mo.	$	2,400.00
	Food cost for management since June 1986		1,600.00
		$	4,000.00

18.	Travel and expediting Back and forth to the property from June to November 1986. 5 months x 3.2 round trips per month = 16 round trips x 1,000 km per round trip x $0.25/km	$ 4,000.00
		$ 4,000.00
19.	Vehicle rental and fuel 5 months x $300./per month truck rental plus $500 fuel expense	$ 1,500.00 500.00
		$ 2,000.00

PHASE II

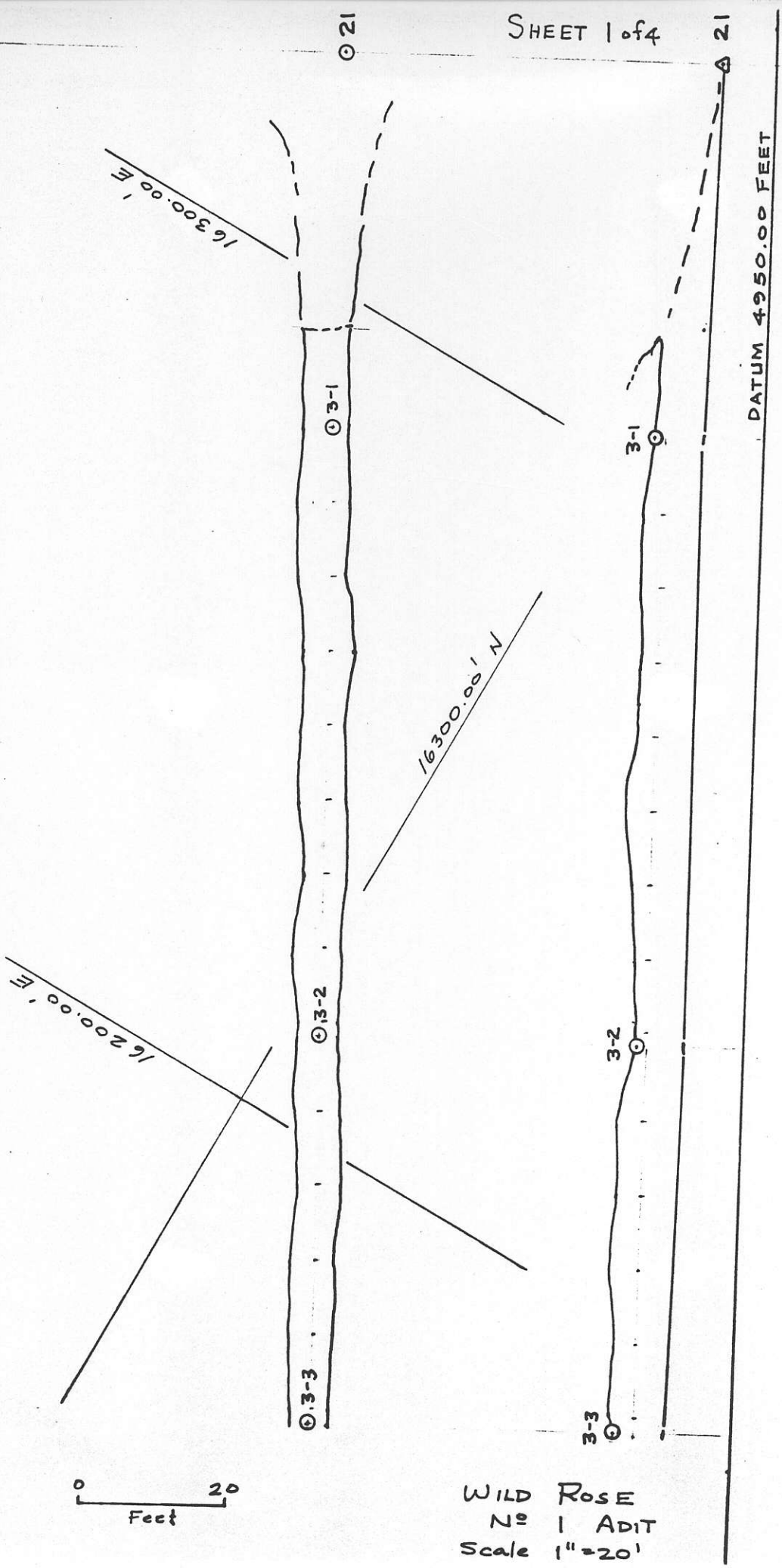
1.	1,710 feet of the larger NQ size drill core instead of the smaller previously recommended BQ size core. Costs include diamond drilling, sampling charges, assaying, core logging, core storage and supervision. 1,710 ft x $30./foot (all inclusive)	$ 51,300.00

CONTINGENCIES

As per agreement with the property vendor we repaired all trucks and equipment that were used by Wildrose Resources Ltd. or its consultants during the course of exploration. Cost includes repairs of two 4x4's, of which one of the engines was seized by lack of lubrication.

Cost to repair both trucks	$ 1,400.00
Fuel and lubrication	200.00
Additional casing was left in two surface drill holes for the purpose of siphoning water	400.00
Consulting done by associated company in evaluating economic potential of Wildrose claims from a practical non-geological standpoint. 10 man days @ $300./day	3,000.00
Cat work and supervision for setting-up drill stations for diamond driller - 8 hours x $100./hr machine time	800.00
1.9 man days supervision x $250./day	470.00
Total cost incurred by Wildrose for above program	$ 80,670.00

Jeff Ciachurski
PRESIDENT



WILD ROSE
Nº 1 ADIT
Scale 1" = 20'

Appendix VI

Fraser Filter

THE FRASER FILTER

The Fraser Filter provides a simple method of tabulating VLF - EM data in a simple easily understood way. By taking the second derivative of the amplitude of the dip angle, the filter changes cross-over points into peaks as opposed to zeroes. The filtered output can then be plotted directly onto the field map and contoured to show the trend of the geology.

The filter does the following:

1. Transforms cross-over points from zeroes to peaks by shifting the dip angle data by 90 degrees. This allows the data to be contoured.

2. Increases the resolution of local anomalies by removing dc wave lengths and attenuating long spatial wavelengths.

3. Does not exagerate station to station random noise.

The filter itself is a simple moving sum. After the dip-angle data is listed in tabular form it can be operated on. For our purpose in this field survey, south and east dips are negative and the directions of the stations run west to east.

The filter operates as follows:

Let M_1, M_2, M_3, M_w be consecutive data points.

A low pass operator is then applied as follows:

$\frac{1}{4}(M_2 - M_1) + \frac{1}{2}(M_3 - M_2) + \frac{1}{4}(M_1 - M_2)$

Where M_1, M_2, M_3, and M_4 are any four consecutive data points.

Cancelling we find that:

$$f_{2,3} = (M_3 + M_4) - (M_2 + M_1)$$

where $f_{2,3}$ is the filtered output located at a point between stations M_2 and M_3.

Therefore, $f_{n,m} = (M_m + M_{m+1}) - (M_n + M_{n-1})$

When contouring the filtered output it is normal to disregard negative values. They are caused by the dip angle flanks and usually only tend to confuse the overall picture.

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

CORE SIZE: NQ	LATITUDE: 6+65W (Grid) 5004.23 N	DIP AT COLLAR: -70°	HOLE No: 86-12 PAGE 1 OF 4
LOGGED BY: J. PAXTON	DEPARTURE: 6+00N (Grid)	DIP TESTS:	PROPERTY: WILD ROSE
STARTED: Oct 26/86	BEARING: S45W 4755.11 E		NTS: 82E/2
COMPLETED: Oct 27/86	ELEVATION: 1564.51 metres	CASING: 19' NQ	COLLAR SURVEYED: ✓ MARKED:

GRAPHIC LOG	STRUCTURE	FT./M FROM	TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC /ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	TO	INTER-VAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS			WEIGHTED AVERAGE
		0	19		Casing										
		19	20		1. Dark Breccia 2. Grey and dark brown 3. Angular fragments of grey chert 1-3 cm in a fine grained Chert-Hematite-Sulphide? groundmass. 4. Breccia fault?										
		20	24		Greenstone 2. Dark green 3. Very fine grained aphanitic. 4. Massive 5. Feldspar, chlorite 6. Disseminated pyrite blebs. [illegible] 5°										
		24	40		Brown Argillite 2. Tan to pale green 3. Aphanitic 4. Massive with fracture fillings of pyrite-chlorite-quartz 5. Clay, chlorite 6. Pyrite 5-10% Contact at 50°										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC /ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTER-VAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS			WEIGHTED AVERAGE
		40	81.5		1. Trachyte Dyke 2. Dark grey-green										
					3. Fine grained indistinct ophitic										
					4. Extremely massive. Occasional calcite										
					veinlets subparallel to core										
					5. Feldspar chlorite, quartz?										
					2nd contact at 65° to CA										
		81.5	85		Brown Argillite Similar to previous										
		85	87		Grey Chert 2. Grey-green										
					3. [illegible] [illegible] 4. Fractured										
					with fracture fillings [illegible]										
					calcite and minor pyrite										
		87	91		Brown Argillite Similar to previous										
		91	93		Grey Chert Similar to previous										
					Contacts irregular										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

86-12

GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No.	ASSAYS Au	ASSAYS Ag		WEIGHTED AVERAGE
		95	117		1. Brown Argillite 2. Tan										
					3. Aphanitic to very fine grained										
					4. Massive but very strongly										
					fractured. The fractures are filled										
					with pyrite, pyrrhotite and trace										
					chalcopyrite blebs.	114	117	3.0	3.0	100	1048	<.002	.01		
		117	123		Shear Zone. Strongly foliated	117	120	3.0	3.0	100	1049	<.002	.02		
					mixture of Brown Argillite,	120	123	3.0	3.0	100	1050	.012	.05		
					chlorite and sericite in about	123	125	2.0	1.5	67	1051	.198	.15		.268 Au
					equal amounts. Foliation at	125	127	2.0	2.0	100	1052	.432	.21		.222 Ag
					40°-45° to CA	127	128	1.0	1.0	100	1053	.282	.39		over 5.0
		123	127		Massive Sulphides	128	130	2.0	1.5	67	1054	.009	.06		
					Pyrite 65% Pyrrhotite 20%										
					Sphalerite 10% Chalcopyrite										
					5% Coarse blebby texture										
		127	128		Quartz vein with about 50%										
					massive sulphides as above										
					Contact 45°										

PETRALITH SERVICES LIMITED

5086 TOPAZ PLACE RICHMOND B.C.

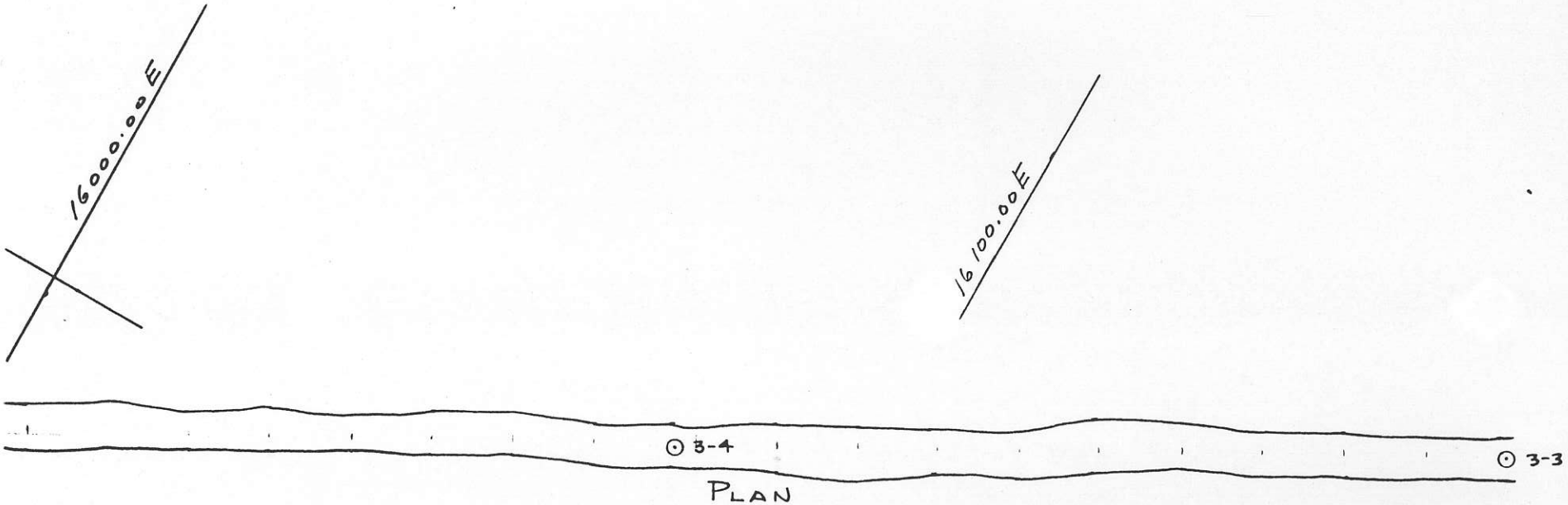
GRAPHIC LOG	STRUCTURE	FT./M FROM	FT./M TO	REC'Y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC/ACCESSORY MINERALS 7. DIFFERENCES	SAMPLED FROM	SAMPLED TO	INTERVAL	CORE LENGTH	CALC. RECOV.	TAG No	ASSAYS			WEIGHTED AVERAGE
		128	134		Sheared and brecciated Brown Argillite. Locally strongly chloritized										
		134	145		Breccia of Trachyte Dyke? fragments plus rounded Brown Argillite fragments 10-20 cm in a green chloritic groundmass										
		145	147		Brown Argillite Typical same as previous										
		147	161		Breccia similar to 134-145 2 cm plastic grey zone at 60° to CA at 160 Clay clast zone 160 to 161 at 65° to CA										
		161	164		1. Brown Argillite 2. Pale grey-brown 7. Typical but grey-green color.										
			164		End of hole										

Appendix V

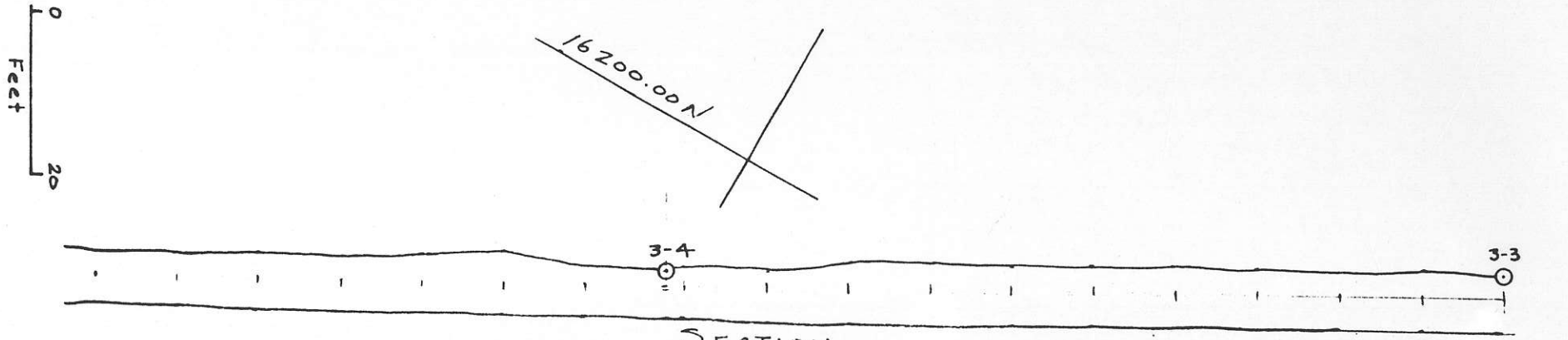
Underground Surveys

DATUM 4950.00 FEET

WILD ROSE
Nº 1 ADIT
Scale 1" = 20'

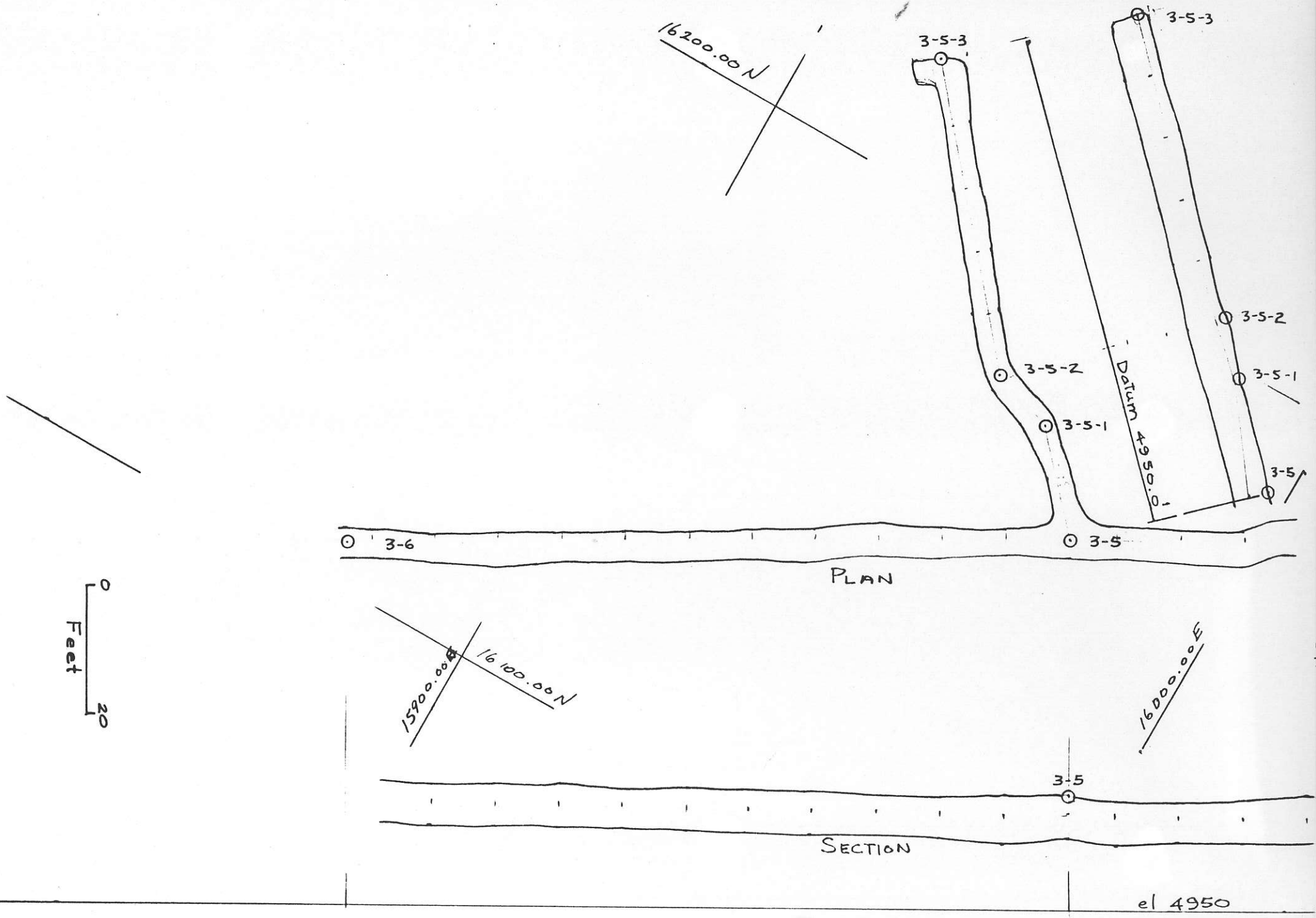


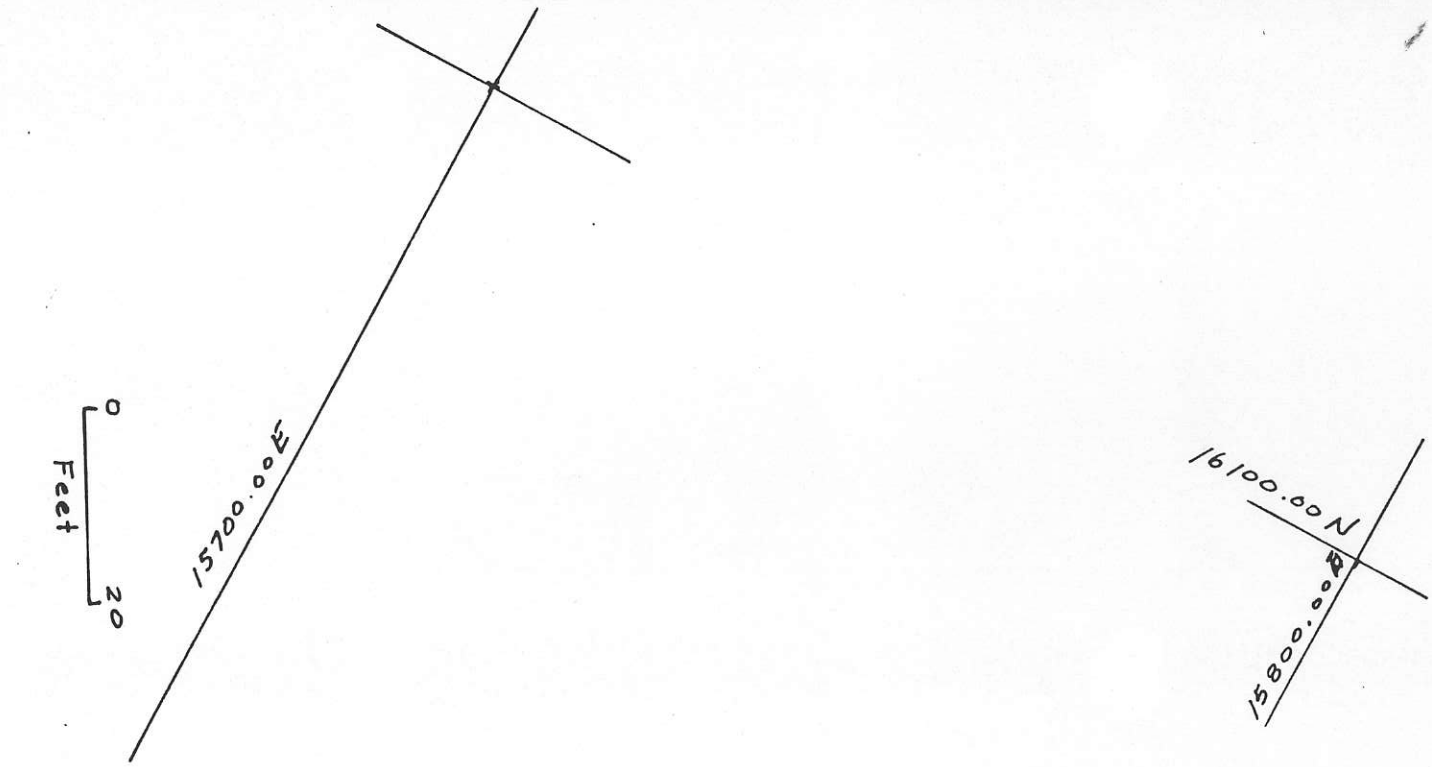
PLAN

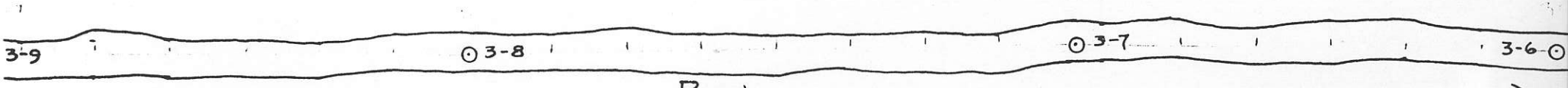


SECTION

el 4950

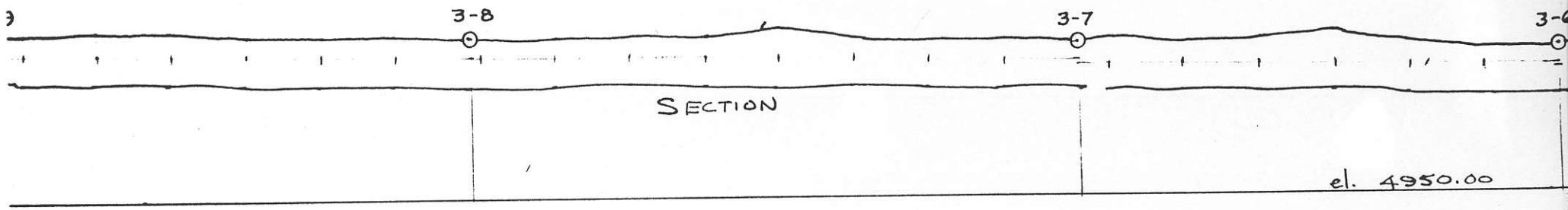

16200.00 N
3-5-3
3-5-3
3-5-2
3-5-2
3-5-1
Datum 4950.0
3-5-1
3-5
3-6
3-5
PLAN
0
Feet
20
15900.00E
16100.00N
16000.00E
3-5
SECTION
el 4950





PLAN

SHEET 4 of 4



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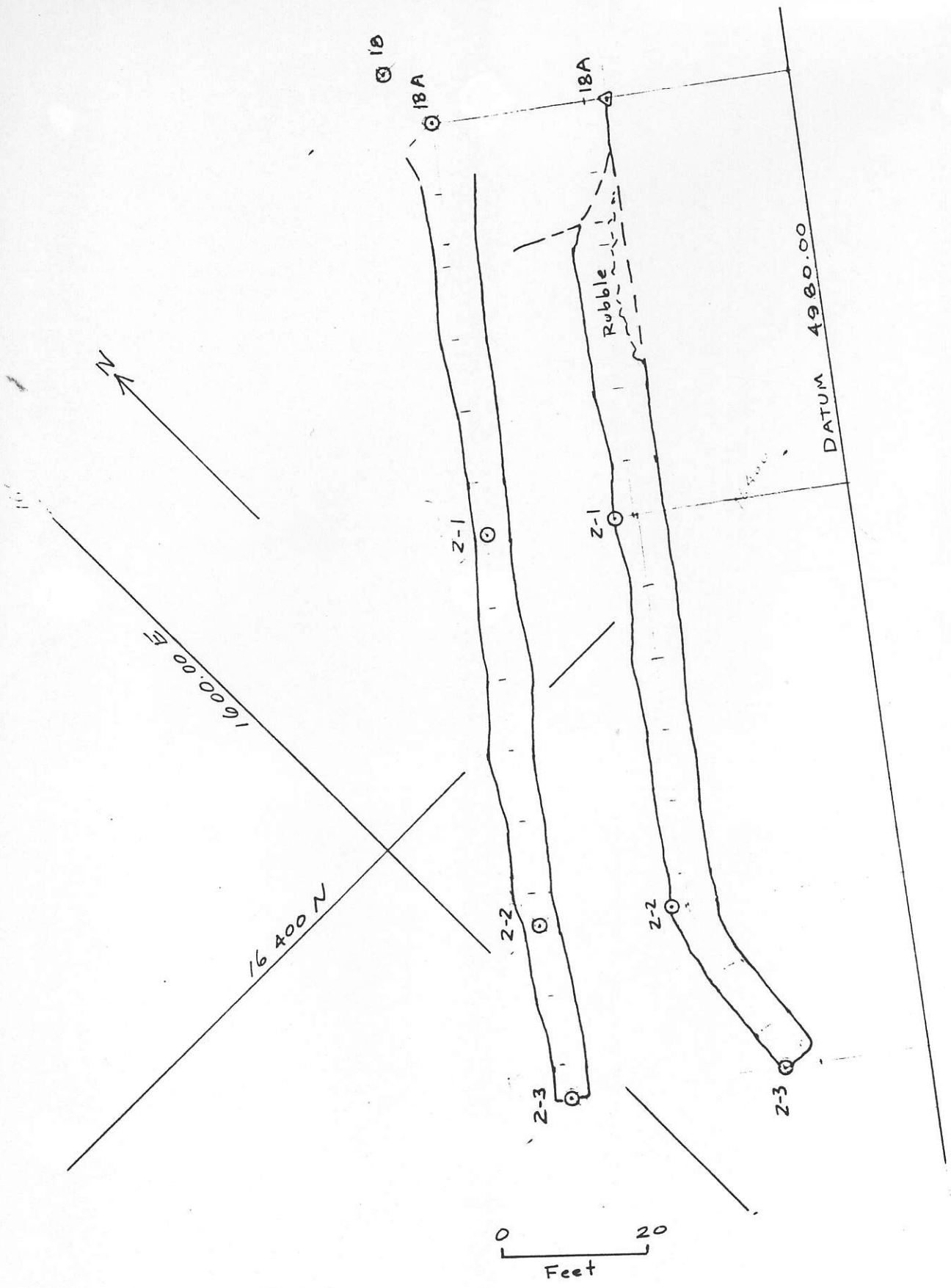
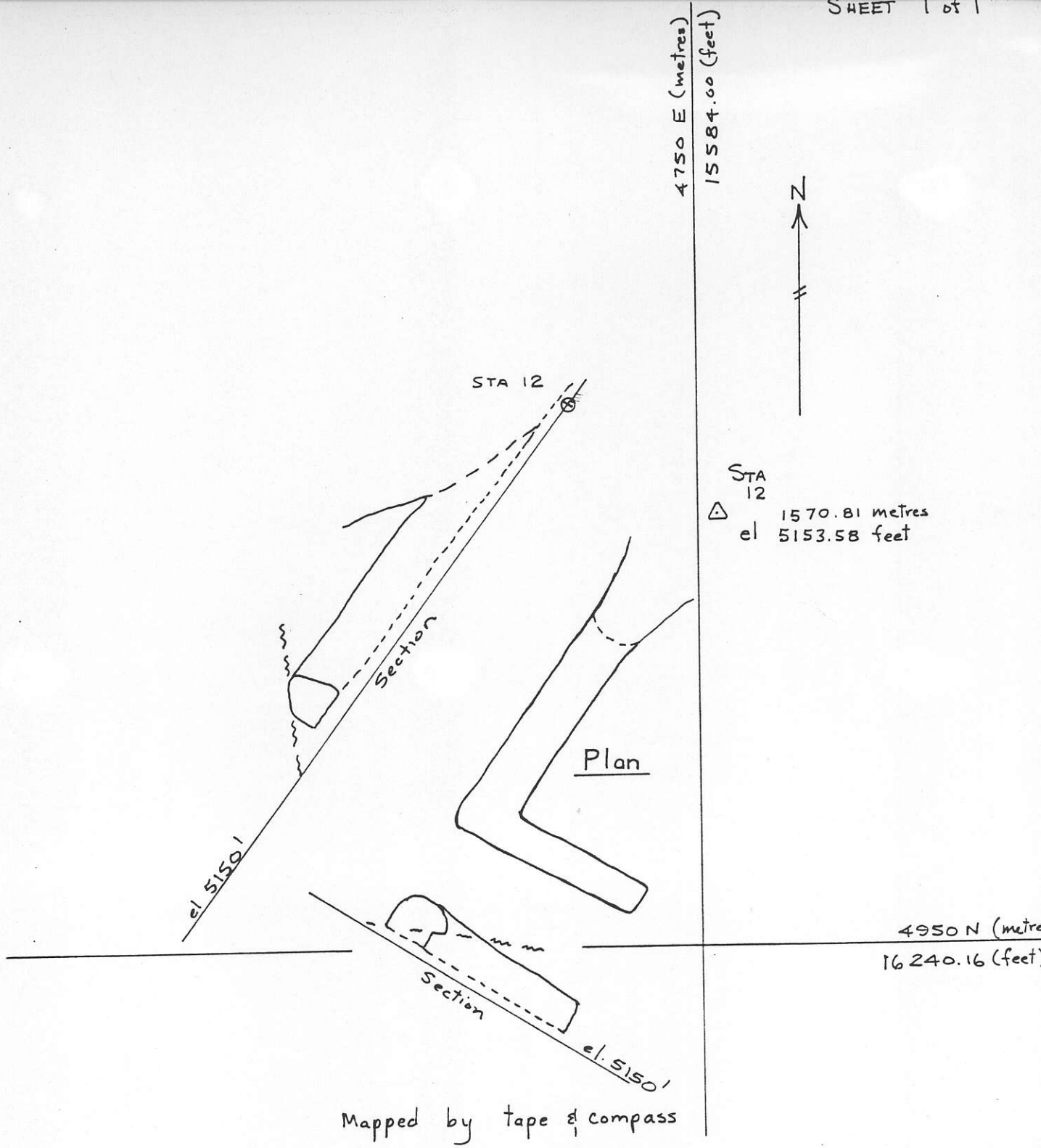


WILD ROSE

Nº 2 ADIT

Scale 1" = 20'



WILD ROSE
Nº 3 ADIT
Scale : 1" = 20'