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PROGRESS REPORT ON
HIGHLAND VALLEY RESOURCES LTD.'S
FAIRVIEW PROJECT
OLIVER, BRITISH COLUMBIA

OSOYOOS MINING DIVISION, BRITISH COLUMBIA
N.T.S. 82E-4

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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April 11, 1988

David T. Mehner, F.G.A.C.
Project Geologist

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PROGRESS REPORT ON HIGHLAND VALLEY RESOURCES LTD.'s FAIRVIEW PROJECT, OLIVER, BRITISH COLUMBIA

SUMMARY

From mid-October 1987 till the end of February 1988 a comprehensive exploration program was carried out over the Stemwinder and Susie Mine properties in the Fairview gold belt, 7 km west of Oliver, British Columbia. The work included construction of a flagged picket grid on 100 metre spaced lines, underground mapping, sampling and surveying of the Brown Bear Adit and detailed rock sampling of pits, trenches, shallow underground workings and quartz vein outcrops over the Stemwinder Mine property. This program was followed up with subsurface testing of the quartz vein system by 17, 5 1/2 inch reverse circulation rotary drill holes totalling 2,595.4 metres.

Exploration at the Susie Mine was confined to detailed rock sampling of favorable quartz vein sections on all 3 levels and sampling of the quartz vein outcrop at the decline portel.

All work on the Highland Valley property has now been suspended while results of the initial phase are complied and evaluated. It is anticipated that further testing of the property will involve drifting and underground drilling NW of the Brown Bear Adit.

INTRODUCTION

Following gaining control of Highland Valley Resources Ltd. by The Valhalla Gold Group Corporation in the summer of 1987, exploration work commenced on the Fairview and Susie Mine properties in mid-October, 1987. This report summarizes the results of the program which was completed February 29, 1987.

GRID CONSTRUCTION

A flagged picket grid with lines 100 metres apart and stations at 25 metre intervals was established over the vein system on Highland Valley Resources' ground. The grid, which is a continuation of the Oliver Gold property grid is approximately 8 line km.

BROWN BEAR ADIT

A: Underground Mapping

The Brown Bear Adit was surveyed by Frank Fergusson and then geologically mapped at 1:500 scale (Plate 1). Although the geology is similar to that of the Fairview Mine, there are a number of significant differences. These include:

A) A lack of felsic, intermediate and mafic sills or dykes associated with the quartz vein system;

B) An absence of biotite in the footwall and hanging wall quartizites and along F1 (parallel to regional foliation) fractures in the quartz veins;

C) A general abundance of sericite along the fractures and F1 foliation planes discussed in "B";

D) A seemingly smaller amount of graphite along the F1 fractures/foliation planes;

E) A much straighter contact between vein and country rock quartzites. Also, the veins seem to have a more uniform NE dip and exhibit little sign of folding whereas at the Fairview Mine the veins steepen and flatten.

B: Underground Rock Sampling

As at Fairview, the Brown Bear Adit was measured and section lines were marked on the walls in green paint every 5 metres. Sample intervals were then painted on each section line with every effort made to make the intervals 1 metre in true thickness. Channel samples were then collected by hammer and chisel.

All 121 samples were sent to Bondar-Clegg in Vancouver for Cu, Pb and Zn geochem analysis and Au and Ag 1 ton assay. The results of this work along with sample length, estimated true thickness and percentage of quartz for each sample is given in Appendix "A". Sample locations along with true thickness and Au and Ag assay results are shown on Plate 2.

Visually, the most sulphide rich quartz vein occurs on either side of the major WNW-ESE, left-lateral fault which has an apparent horizontal strike slip offset of approximately 110 metres. Gold assay results are relatively low and erratic with only 9 samples running greater than 0.100 oz/ton Au and a further 9 samples containing between 0.060 oz/ton Au and 0.099. The highest value comes from sample 58722 which runs 8.829 oz/ton Au and 3.62 oz/ton Ag.

On the basis of our detailed sampling it seems higher Au values occur in the portion of the quartz vein which sits on top of the major left-lateral fault.

The erratic nature of the gold is clearly evident when comparing the results of preliminary sampling carried out by D. Mehner and L. Nagy in June with the recent detailed sampling. The following table illustrates the point.

Mine Section	**June Sampling** **oz/ton Au/oz/ton Ag**	**October Sampling** **oz/ton Au/oz/ton Ag**
25, 1st drift	4.75 ft @ 0.095/0.27	2.8 ft @ <0.002/0.02
	1.5 ft @ 0.086/0.15	3.4 ft @ 0.019/0.11
		3.0 ft @ 0.026/0.15
15 cross-cut	3.0 ft @ 0.109/1.03	3.2 ft @ 0.025/0.84
27 raise		2.7 ft @ 0.049/1.04
		2.5 ft @ 0.031/0.84
0, 2nd drift	4.0 ft @ 0.066/0.29	3.2 ft @ 0.205/0.31
		3.2 ft @ 0.003/0.10

Mine Section	June Sampling oz/ton Au/oz/ton Ag	October Sampling oz/ton Au/oz/ton Ag
50, 2nd drift	2.5 ft @ 0.067/0.77	2.5 ft @ 0.004/0.03 3.0 ft @ 0.109/1.46
2nd drift 119 raise	6 ft @ 0.033/0.14	3.2 ft @ 0.003/0.02 3.5 ft @ 0.003/0.04 3.0 ft @ <0.002/<0.02 2.6 ft @ <0.002/<0.02

SURFACE ROCK SAMPLING

Detailed, systematic rock sampling of all known pits, trenches, shallow underground workings including the upper part of the Stemwinder decline and quartz vein outcrops was also completed. As with the Brown Bear Adit, all sample intervals were painted red and channel samples were sent to Bondar-Clegg for Au and Ag 1 ton assay and Cu, Pb and Zn geochem.

Pits, trenches and outcrops were surveyed by Brunton compass and chain and plotted on 1:500 scale maps.

A: Stemwinder Mine, Main Vein Decline

The Stemwinder decline (Plate 3a) dips approximately -60 degrees and is accessible for 22 metres where it is blocked by old timbers and caved rock. The water table is approximately 24 metres from the decline collar.

About 18 metres down the decline a sub-drift extends approximately 20 metres SE and 60 metre NW. This drift which is not recorded on any maps we have is stoped out below, possibly down to 2 level. A cross-cut extends to the Hanging Wall vein.

The results of the 49 channel samples are shown in Appendix "B". The best values which range up to 0.300 oz/ton Au and 5.40 oz/ton Ag over 0.87 metres (Sample 58793) are found in the decline in the first 20 metres in the drift to the NW. Stoping SE of the decline from below prevented sampling in this area but presumably the vein was well mineralized here. A grab sample from "rubble" at the end of a crosscut assayed 0.198 oz/ton Au and 2.56 oz/ton Ag. This quartz vein sample presumably is from the Hanging Wall vein.

In the Main Vein decline at least 75% of the Au values >0.100 oz/ton Au come from the upper or hanging wall part of the vein.

The Stemwinder decline and subdrift have not been geologically mapped but a brief examination during sampling indicated the quartz vein was faulted off at the NW end of the drift by a NE-SW fault.

B: Stemwinder Mine, Hanging Wall Vein

Near the Stemwinder shaft the Hanging Wall Vein outcrops in 2 locations and is explored by a small decline and subdrift (Plate 3a).

Four samples were taken from the surface outcrops (Appendix "C") and all yielded low but highly anomalous values. The best sample, 58778 runs 0.055 oz/ton Au and 0.24 oz/ton Ag over an interval of 1.15 metres.

The small underground workings are accessible from a 5 to 6 metre vertical shaft. A 5 metre sub-drift heads NW from the shaft where a 4 metre vertical winze leads down to a 20 metre NW-SE drift.

Thirteen samples were taken from these underground workings where the vein ranges from 1.4 metre wide at the far SE to about 3 metres wide at the NW end of the drift. Quartz vein samples are very anomalous with values up to 0.591 oz/ton Au and 0.37 oz/ton Ag over 0.65 metre true width (Sample 58775).

C: Pits, trenches, outcrops SE of Stemwinder Shaft

Along the vein system between the Stemwinder shaft and eastern boundary of the Highland Valley Resources property 73 samples were collected from the Hanging Wall and Main Vein (Plate 3a). The results which are given in Appendix "D" are very encouraging and include 14 samples grading better than 0.100 oz/ton Au including sample 58914 which yielded 3.333 oz/ton Au and 0.67 oz/ton Ag over 0.5 metres true quartz vein thickness. Ten of the samples are from the Main Vein while 4 samples come from the Hanging Wall Vein. A further 13 samples from both veins run between 0.060 oz/ton Au and 0.099 oz/ton Au.

In this area sampling of the Main Vein has identified a gold enriched zone containing numerous samples grading >0.100 oz/ton Au over mineable widths between survey station 98 to the SE and 20 metres west of the Stemwinder decline to the NW. This is a horizontal distance of about 375 metres. Significant values in the 0.080 to 0.095 oz/ton Au range over 0.8-1.3 metre intervals (true width) are found along strike to the SE for another 365 metres from widely spaced trenches.

Sampling of the Hanging Wall Vein has produced more erratic results and does not clearly identify a zone of better Au values although outcrops and trenches near the 3.333 oz/ton Au sample are well mineralized and warrant further follow-up.

D: Pits, trenches, outcrops NW of Stemwinder Shaft

Along the vein system between the Stemwinder Shaft and NW end of the property 45 rock samples were taken from the Hanging Wall and Main Veins (Plate 3b). Values are noticeably lower than to the SE of the shaft with only 5 samples containing >0.100 oz/ton Au and only 1 having a value in the 0.060 to 0.099 oz/ton range (Appendix "E"). The best value obtained runs 0.970 oz/ton Au and 0.27 oz/ton Ag over 0.65 metres true sample width. This sample comes from an outcrop that may be of the Main Vein.

Sampling in this area has failed to indicate any significant Au rich quartz vein zones. It appears that the Stemwinder fault which cut off the ore zones in the Stemwinder Mine is a significant break between well mineralized vein to the SE and relatively massive, barren vein to the NW.

E: Stemwinder Property, 1987 Backhoe Trenching

Following completion of all outcrop, trench and pit geochem sampling 8 backhoe trenches were put in to test the vein system in areas of poor exposure.

Trenches 1-3 were put in south of the Brown Bear Adit to test the SE extension of veining near the eastern edge of Highland Valley Resources' property (Plate 3a). Trench 1 encountered 0.7 metres of well mineralized (galena rich) quartz vein that runs 0.116 oz/ton Au and 1.66 oz/ton Ag (Appendix "F"). Trench 2 intersected low grade vein and Trench 3 failed to hit bedrock.

Trench 4 (Plate 3c) was put in NW of the Brown Bear Adit where an impressive looking outcrop of quartz vein had been trenched by earlier workers but the orientation of the veining is difficult to decipher. The trench encountered bedrock but no quartz veining.

Trenches 5 to 8 were put in NW of the Stemwinder shaft along the projected strike of the Hanging Wall Vein (Plate 3b). Trenches 5 and 6 encountered narrow quartz veins with very low gold values. Trench 7 did not intersect outcrop and trench 8 which was put in where a speck of visible gold was found in heavily oxidized surface rubble yielded a sample running 1.997 oz/ton Au and 0.84 oz/ton Ag.

More work may be warranted in the region of trench 8 and immediately N.W.

SUSIE MINE

A: Underground Rock Sampling

Exploration work at the Susie Mine has been confined to an examination of all accessible workings followed by detailed rock (channel) sampling of the most favorable sections of quartz veining based on the presence of sulphides and assay results from previous workers.

A total of 155 rock chip samples were collected, 13 from the surface outcrop and the remainder from 3 levels of underground workings (Plate 4).

The surface sampling yielded 2 samples grading greater than 0.100 oz/ton Au and 1 sample in the 0.060 to 0.099 oz/ton range (Appendix "G").

In the underground sampling 28 of the 142 samples run greater than 0.100 oz/ton Au while a further 18 samples have values in the 0.060 to 0.099 oz/ton range. The results of work done to date indicate the Susie Mine is developed on a 2-3 metre thick, N-S striking quartz vein that dips between 10 degrees and 15 degrees east. The vein, which occurs entirely in Fairview granodiorite appears to have a gold rich zone at least 30 metres wide which plunges to the NE. A fault cuts the vein off to the north.

ROTARY DRILLING

Upon completion of rock geochem sampling Tonto Drilling of Vancouver was hired to conduct a 2500 ft. reverse circulation rotary drill program on the property. It was decided to try rotary drilling for a number of reasons, including:

i) the 5 1/2 inch hole would produce a bigger sample and hopefully more accurate gold values for the quartz vein intersections;
ii) the cost per foot is substantially less than diamond drilling thereby allowing for more drill holes with the same total expenditure;
iii) we hoped all holes could be drilled with air thereby avoiding the excessive expenditures of trucking in water;
iv) the drilling program would be completed at a much faster rate;
v) it was hoped the larger hole would help overcome the problems of caving which occurred along the faults bounding the quartz veins on the Oliver Gold property and led to the loss of drill rods in 2 out of 4 holes.

Aside from extremely hard ground which resulted in high drill bit costs and excessive water below depths of around 350 feet the rotary drill proved to be very successful. On holes where the large amount of water was a problem we resorted to triconing.

The favourable results and progress from the initial rotary drilling ultimately led to the drilling of 6050 ft. in 17 holes. The locations are shown on Plates 5a and 5b.

All holes have been logged on GEOLOG and sections of each hole are included as Plates 6-19. Drill cuttings are being stored in cross-cuts on 3 level at the Fairview Mine.

Geochem analysis for Au was carried out on 328 samples. Of these, 54 samples were also assayed for Au and Ag. The results are listed in Appendices "H" and "I".

A summary of the rotary drill program follows:

Hole	Hole Length (m)	Quartz Vein (Significant Sections) (m)	Interval Length (m)	oz/ton Au/ Ag	Ppb Au
S87R01	94.49	22.86- 26.67	3.81	0.086;1.21	
		74.67- 76.20	1.53		500
S87R02	163.07	59.43- 63.24	3.81	0.021;0.10	
		89.91- 93.72	3.81		92
		99.06-100.58	1.52		<5
S87R03	115.82	24.38- 28.19	3.81		12
		45.72- 48.01	2.29		90
		49.53- 52.57	3.04		402
S87R04	143.26	57.91- 65.53*	7.62	0.137;0.29	
		85.34- 92.96	7.62		549
	includes	57.91- 60.20	2.29	0.234;1.79	
S87R05	112.78	21.33- 31.24	9.91		777
		99.06-100.58	1.52		255
	includes	25.91- 27.43	1.52	0.092;0.44	

Hole	Hole Length (m)	Quartz Vein (Significant Sections) (m)	Interval Length (m)	oz/ton Au/ Ag	Ppb Au
S87R06	121.92	27.43- 35.81	8.38	0.098;1.79	
	includes	28.19- 31.24	3.05	0.183;3.30	
S88R01	143.26	38.10- 42.67	4.57		24
		67.05- 71.62	4.57		20
		92.96- 94.48	1.52	0.305;0.56	
		121.16-122.68	1.52		<5
S88R02	129.54	86.86- 90.68	3.82		8
		118.87-120.39	1.52	0.026;0.62	
S88R03	190.50	178.30-185.17	6.87		890
	includes	183.64-185.17	1.53	0.088;0.97	
S88R04	228.60	206.50-208.03	1.53		<5
S88R05	172.21	78.49- 84.58	6.09		346
		123.44-128.01	4.57		948
		160.02-163.06	3.04		118
	includes	81.53- 83.06	1.53	0.099;0.94	
	and	123.44-124.96	1.52	0.053;0.11	
S88R06	188.98	56.38- 58.67	2.29		4667
		119.48-121.16*	1.68		1808
		140.20-141.73	1.53		10
	includes	118.87-120.39	1.52		2559
S88R07	160.02	59.43- 63.25	3.81		733
S88R08	109.73	32.77- 33.52*	0.75		>10,000
		89.91- 96.01			8
	includes	32.77- 34.29	1.52		>7,000
	and	39.62- 41.91	2.29		1600
S88R09	205.74	166.11-168.40	1.52		223
		193.55-196.60	3.05		<5
S88R10	202.69	141.73-144.78	3.05		10
		166.88-167.64	0.76		35
S99R11	112.78	NONE			

* indicates zone where gold values >1000 ppb were obtained in sample above or below significant quartz vein intersection. Significant quartz vein sections include those with >20% quartz.

Drilling intersected significant vein sections in 16 of 17 holes and obtained values of 0.0850 oz/ton Au or better over minimum widths of 1.52 metres in 9 holes. It also confirmed the surface sampling results in indicating the area east of the Stemwinder shaft is a prime target for further exploration drifting.

Somewhat surprising is that the best values from drilling east of the Shaft come from the Hanging Wall Vein, not the Main Vein as in surface sampling. Also, deep drilling in holes S88R09 and S88R10 intersected quartz vein but low gold values.

Drilling at the NW end of the property did obtain significant quartz vein widths with 2 of 4 holes yielding good gold values. Further testing to the NW onto Oliver Gold Corporation ground is warranted.

CONCLUSIONS

Rock sampling of surface showings and underground workings along the Fairview vein system indicates gold rich zones occur in the Hanging Wall and Main Veins from 20 metres west of the Stemwinder decline to the SE boundary of Highland Valley Resources's property, a distance of 740 metres. Sampling west of the shaft indicates the quartz veins have appreciable widths but aside from local highs contain low Au values on surface.

Rotary drilling intersected significant quartz vein widths and values throughout the area tested but yielded the best values from the Hanging Wall Vein.

The results obtained should be followed up with underground drifting and drilling NW of the Brown Bear Adit and further surface drilling at the extreme NW end of the property. The vein system should also be drilled east of the Brown Bear Adit.

Sampling at the Susie Mine suggests a gold rich shoot plunging NE may exist in a 2-3 metre thick quartz vein which dips about 10-20 degrees E. Although the shallow dip makes the target somewhat unattractive, a VLF survey should be carried out to find the faulted off continuation of the vein system and perhaps a couple of drill holes put in to test the vein at depth.

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Taiga Consultants Ltd.
April 11, 1988

DTM*gen

BROWN BEAR ADIT

Appendix "A"

Channel Samples

Location	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	oz/ton Ag	PPM Cu	PPM Pb	PPM Zn
ENTRANCE CROSS-CUT									
15	58651	1.06	1.04	0	0.002	<0.02	90	10	68
30	58652	1.07	0.85	36	0.043	0.27	103	465	205
35	58662	1.10	1.05	100	0.008	0.22	45	104	85
	58663	1.00	0.95	100	0.020	0.27	28	245	87
	58664	0.44	0.40	100	0.005	0.10	40	35	37
43	58665	1.10	1.00	50	0.444	7.52	1,200	3.800	19,300
	58666	1.00	0.98	0	0.010	0.22	65	215	241
87	58767	1.00	0.98	13	0.004	0.18	77	685	115
103	58768	0.90	0.60	16	0.002	0.03	54	28	72
	58769	0.78	0.62	0	0.003	0.03	90	24	86
	58770	0.73	0.65	78	0.019	0.14	10	155	100
	58771	1.03		0	0.003	0.02	66	14	65
1st DRIFT									
3E	58653	1.30	1.05	23	0.046	0.18	120	460	236
	58654	1.00	0.98	95	0.012	0.19	13	2,800	1,200
	58655	1.03	1.00	7	0.015	0.06	64	54	98
10E	58656	0.63	0.62	0	0.003	0.15	36	92	83
	58657	1.10	1.05	100	0.012	0.09	50	170	97
	58658	1.09	0.85	29	0.006	0.03	48	460	167
15E	58659	1.05	1.00	62	0.004	0.14	18	215	41
	58660	0.70	0.60	85	0.008	0.17	48	82	34
	58661	0.85	0.58	7	0.007	0.19	87	53	112
11W	58667	0.77	0.58	28	0.015	0.15	60	545	515
20W	58668	1.25	1.00	100	0.070	0.19	14	720	383
	58669	1.35	0.90	88	0.783	0.45	46	3,200	3.840
	58679	1.04	0.85	40	0.079	0.39	45	660	136
	58670	0.83	0.75	6	0.009	0.16	46	96	124
25W	58671	1.30	0.90	100	0.026	0.15	14	780	843
	58672	1.07	1.05	57	0.019	0.11	16	530	292
	58673	1.15	0.85	6	0.002	0.12	30	42	63

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	oz/ton Ag	PPM Cu	PPM Pb	PPM Zn
31W	58674	1.20	1.00	100	0.040	0.16	24	1,750	16,000
	58675	1.15	0.45	0	0.075	0.14	40	260	221
33W	58676	1.00	0.98	100	0.056	0.32	12	3,200	1,040
	58677	1.00	0.98	100	0.050	0.64	40	3,700	1,900
	58678	0.73	0.68	100	0.044	0.76	30	800	518
15 CROSS-CUT									
10W	58680	1.04	0.52	0	0.006	0.08	70	100	116
	58681	1.30	0.70	87	0.029	0.37	47	280	149
	58682	1.50	1.00	100	0.029	0.30	15	1,100	510
	58683	1.42	0.65	0	0.008	0.34	84	166	358
15W	58684	0.70	0.50	100	0.021	0.12	7	320	32
	58685	0.90	0.60	100	0.088	3.61	176	1.150	720
	58686	0.90	0.85	0	0.048	1.68	130	555	365
20W	58687	0.80	0.55		0.051	2.03	192	700	270
27 RAISE	58688	1.10	1.00	3	0.025	0.84	106	163	234
	58689	0.84	0.83	100	0.049	1.04	54	455	126
	58690	1.00	0.75	0	0.031	0.84	70	40	80
40W	58691	1.10	1.08	0	0.003	0.05	70	10	66
	58692	0.90	0.85	44	0.027	0.84	120	168	1.220
44W	58693	0.80	0.35	57	0.069	0.86	31	430	151
	58694	1.04	0.65		<0.002	<0.02	65	12	54
160W	58695	1.00	0.77	7	0.003	0.10	46	54	84
	58696	1.30	1.00	95	0.008	0.13	20	620	683
170W	58712	1.17	1.00	25	0.010	0.04	20	90	65
	58713	1.00	0.42	0	0.012	0.06	72	115	109
173W	58714	1.17	0.60	100	0.020	0.09	30	205	130
	58715	1.10	0.35	5	0.244	0.10	80	42	146
180W	58716	0.75	0.70	57	0.002	0.07	30	545	529
	58717	1.15	0.80	0	0.003	0.03	68	24	127

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
2nd DRIFT									
0W	58705	1.00	0.98	80	0.205	0.31	52	2,900	2,470
	58706	1.00	0.97	100	0.003	0.10	4	980	170
5W	58701	0.90	0.88	100	0.005	0.06	75	340	3,020
	58702	0.82	0.60	0	0.026	0.06	45	135	477
	58703	1.10	0.90	100	0.005	0.07	50	520	132
	58704	1.15	1.00	100	<0.002	0.04	4	400	423
10W	58697	1.05	1.00	100	0.014	0.13	43	800	182
	58698	1.10	1.00	100	0.024	0.18	12	2,000	1,190
	58699	1.10	0.80	100	0.017	0.24	37	3,400	1,360
	58700	1.20	0.65	42	0.013	0.07	20	420	278
15W	58707	1.12	0.95	0	0.020	0.04	52	190	120
	58708	1.10	1.07	100	0.038	0.20	26	2,000	585
	58709	1.10	1.08	100	0.014	0.07	8	475	99
	58710	1.25	1.20	100	0.004	0.02	3	103	87
	58711	1.30	0.30	100	0.008	0.15	21	1,500	265
20W	58718	1.08	0.90	100	0.030	0.30	4	440	96
	58719	1.27	1.20	100	0.127	0.19	16	920	166
25W	58720	1.05	1.00	43	0.004	0.06	51	22	58
	58721	1.45	1.20	75	0.008	0.11	38	85	46
30W	58722	1.08	1.05	100	8.829	3.62	60	1,200	707
	58723	1.02	0.95	7	0.072	0.07	70	40	100
35W	58724	1.08	1.00	100	0.069	0.24	171	260	216
	58725	1.04	1.00	40	0.014	0.18	132	300	257
40W	58726	1.60	0.25	0	0.075	0.17	130	130	210
	58727	1.06	1.00	98	0.002	0.19	40	645	521
	58728	1.15	?	97	0.009	0.04	8	35	27
	58729	0.60	?	100	0.003	0.02	3	32	12
45W	58730	1.08	1.05	96	0.114	0.13	8	1,100	856
	58731	0.65	0.30	61	0.011	0.03	8	45	29
50W	58732	1.10	0.90	100	0.109	1.46	205	740	236
	58733	0.82	0.75	93	0.004	0.03	10	32	17
55W	58734	1.16	0.85	3	0.055	1.47	190	285	230
	58735	0.74	0.73	100	0.013	0.09	15	148	55
	58736	1.05	0.95	10	0.020	0.17	41	29	79

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
65W	58737	1.32	0.35	100	0.005	0.06	8	1,350	639
	58738	0.98	0.45	0	<0.002	0.02	45	15	69
80W	58739	0.91	0.70	3	<0.002	0.04	44	68	64
	58740	0.82	0.35	100	0.049	0.46	158	2,000	347
87W	58741	1.16	0.41	0	<0.002	<0.02	41	34	113
	58742	1.04	0.70	100	0.005	0.19	4	2,100	1,230
	58743	1.19	0.80	11	0.002	<0.02	10	40	33
95W	58744	0.56	0.33	100	0.005	0.05	4	172	69
	58745	1.06	0.95	100	0.014	0.04	6	102	337
	58746	0.84	?	100	0.002	<0.02	5	28	17
	58747	1.26	?	87	0.003	<0.02	5	25	14
100W	58748	1.45	?	100	0.013	0.07	5	17	26
	58749	1.18	?	100	0.007	0.06	37	25	42
	58750	1.06	1.00	16	0.006	0.09	10	66	29
	58751	1.34	0.20	8	0.002	<0.02	4	15	11
105W	58752	0.62	0.55	9	0.020	0.34	63	335	60
	58753	1.05		78	0.006	0.12	16	173	60
110W	58754	1.00	0.95	4	0.014	0.27	53	108	84
	58755	0.88	0.40	100	0.010	0.20	6	70	24
115W	58756	1.25	0.90	18	0.234	3.38	2,000	4,300	168
	58757	1.10	1.00	0	0.005	0.08	96	104	59
119W	58758	1.35	1.00	71	0.018	0.32	21	620	157
	58759	1.06	1.00	10	0.004	0.08	54	62	40
	58760	1.10	0.90	9	0.002	<0.02	55	15	59
RAISE 119	58761	1.00	0.98	58	0.003	0.02	30	53	109
	58762	1.10	1.08	100	0.003	0.04	7	140	120
	58763	1.00	0.90		<0.002	<0.02	36	8	21
	58764	1.00	0.80	2	<0.002	<0.02	44	4	40

2nd DRIFT cont'd

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
122W	58765	1.00	0.98	94	0.087	1.08	205	845	197
	58766	1.08	1.04	0	0.003	0.03	36	22	42

STEMWINDER MINE

Appendix "5"

MAIN VEIN DECLINE
5 Metre Interval Channel Samples

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	oz/ton Ag	PPM Cu	PPM Pb	PPM Zn
DECLINE									
5N	58792	1.00	0.95	100	0.166	2.39	82	2,250	47
	58793	0.90	0.87	95	0.300	5.40	250	2,000	59
10N	58794	0.90	0.90	100	0.136	2.55	375	2,000	265
	58795	1.00	1.00	100	0.060	0.99	99	320	60
	58796	0.38	0.15	0	0.009	0.06	52	66	98
15N	58797	0.65	0.60	10	0.035	0.14	87	260	245
	58798	1.02	1.00	100	0.105	1.66	610	760	70
	58799	0.62	0.55	100	0.077	1.41	70	880	380
20N	58800	0.90	0.35	0	0.113	1.71	170	920	530
	58801	1.25	1.05	100	0.115	1.78	79	1,650	660
	58802	0.70	0.68	8	0.074	0.20	70	52	170
	58803	0.70	0.60	95	0.268	4.15	930	2,000	275
EAST DRIFT									
5E	58804	1.04	1.00	95	0.179	1.15	32	420	54
	58805	0.56	0.47	5	0.023	0.12	90	72	97
	58806	1.17	1.10	98	0.083	1.16	70	1,000	700
	58807	0.72	0.45	18	0.034	0.50	114	540	620
WEST DRIFT									
5W	58808	0.95	0.35	0	0.055	0.21	180	360	145
	58809	0.82	0.75	90	0.123	0.98	138	740	295
	58810	0.77	0.60	0	0.011	0.10	82	27	139
	58811	0.73	0.55	100	0.018	0.22	9	112	58
	58812	0.50	0.15	0	0.012	0.20	118	112	460
10W	58813	1.00	0.20	0	0.012	0.16	72	200	100
	58814	1.03	1.00	100	0.123	1.20	43	720	360
	58815	1.02	1.00	44	0.039	0.41	118	365	265
	58816	0.70	0.65	100	0.057	1.11	100	770	930
	58817	1.25	0.32	0	0.014	0.24	143	420	800
15W	58818	1.25	1.20	90	0.043	0.76	179	950	390
	58819	1.20	1.15	90	0.094	1.64	97	800	390
	58820	1.00	0.35	0	0.015	0.20	75	168	1,000

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	PPM Cu	Pb	Zn
20W	58821	0.95	0	0	0.003	0.03	50	25	90
	58822	0.92	0.90	100	0.037	0.49	45	425	120
	58823	1.10	1.00	97	0.114	1.44	69	1,350	1.150
	58824	1.00	0.95	22	0.015	0.28	165	380	2.300
35W	58825	1.08	0	70	0.025	0.73	29	320	78
	58826	1.05	1.00	100	0.010	0.12	90	150	295
40W	58827	0.85	0.70	3	0.029	0.42	66	186	112
	58828	1.25	1.15	90	0.018	0.40	42	162	50
50W	58829	1.10	0.70	0	0.005	0.08	78	37	82
	58830	1.30	0.65	60	0.036	0.31	12	200	47
	58831	1.10	0.45	90	0.090	0.87	11	1,300	60
	58832	1.00	0.98	100	0.085	2.22	123	740	230
	58833	1.00	0.90	14	0.053	1.87	280	1,600	780
55W	58834	0	0	0	0.006	0.14	69	58	54
60W	58835	1.00	0.20	0	<0.002	0.02	61	6	90
	58836	0.95	0.80	44	0.004	0.06	17	47	33
	58837	0.80	0	100	<0.002	0.03	12	19	18
NORTH CROSS-CUT									
10W	58838	1.00	0.98	17	<0.002	<0.02	53	8	64
25W	58839	GRAB	0	100	0.193	2.56	20	1,500	4,800
	58840	GRAB	0	100	0.028	0.35	5	460	205

STEMWINDER MINE

Appendix "C"

HANGING WALL VEIN
5.0 Metre Interval Channel Samples

Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	PPM Cu	Pb	Zn
58776	1.00	0.97	100	0.036	0.52	6	1,450	305
58777	0.80	0.77	100	0.002	0.06	9	415	84
58772	1.45	1.31	89.6	0.259	0.28	11	2,300	250
58773	0.57	0.57	33	0.009	<0.02	16	205	480
58774	1.00	0.95	100	0.199	0.28	7	245	68
58775	0.70	0.65	100	0.591	0.37	10	2,300	365
58907	1.05	0.90	80	0.016	0.30	7	855	530
58908	1.08	1.03	100	0.072	0.69	7	220	225
58906	0.90	0.80	100	0.022	0.57	15	265	265
58902	0.90	0.90	100	0.013	0.07	20	32	105
58903	0.40	0.40	75	0.009	0.05	23	14	46
58904	1.00	1.00	100	0.023	0.21	12	1,300	630
58905	0.70	0.70	85	0.032	0.35	41	2,550	4,850
SURFACE OUTCROPS								
58867	1.30	0	100	0.014	0.03	4	365	76
58778	1.15	0	100	0.055	0.24	5	167	74
58779	0.85	0	100	0.058	0.04	7	205	380
58780	1.30	0	100	0.012	0.06	2	27	8

STEMWINDER MINE PROPERTY

Appendix "D"

Channel Samples of Pits & Trenches S.E. of Stemwinder Shaft

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	oz/ton Ag	PPM Cu	PPM Pb	PPM Zn
13	58781	0.86	0.84	100	0.060	0.96	84	785	122
	58782	0.77	0.75	93	0.234	5.13	980	3,000	790
	58783	0.85	0.65	1	0.011	0.12	84	34	120
	58784	0.55	0.53	87	0.035	0.39	70	740	360
12	58788	0.95	0.80	0	0.005	0.04	71	26	90
	58789	1.20	1.00	98	0.172	3.33	510	1,350	275
	58790	1.00	0.95	100	0.381	8.08	980	2,950	580
	58791	0.60			0.023	0.16	29	134	72
13	58785	1.08	1.05	95	0.029	0.45	15	690	440
	58786	0.88	0.85	78	0.210	0.26	1,500	2,900	270
	58787	0.60	0.59	100	0.085	0.68	39	445	44
171	58925	1.25		100	<0.002	<0.02	7	13	3
	58926	0.80		100	<0.002	<0.02	7	6	2
171-170	58927	1.30	1.00	100	<0.002	<0.02	5	4	1
	58928	1.02	0.98	100	<0.002	<0.02	49	5	<1
83	58868	1.00	0.70	100	0.030	0.38	13	157	88
	58869	1.00	0.90	100	0.003	0.02	4	16	20
	58870	0.95	0.90	84	0.066	0.80	105	150	128
84	58871	1.25	1.20	100	0.007	0.07	10	50	40
	58872	1.25	1.20	72	<0.002	0.06	14	28	4
92	58915	1.30	1.25	100	0.044	0.15	8	83	83
	58916	1.30	1.10	81	0.072	0.21	15	520	210
	58917	1.50	0.50	100	0.028	0.17	21	225	275
87	58873	1.40	1.10	100	0.061	0.68	10	102	24
	58883	1.00	0.98	0	0.002	0.02	20	17	43
88	58884	1.30	0	100	0.132	1.63	15	595	5
	58885	1.30	0	100	0.250	2.94	15	2,100	3
	58886	1.20	0	86	0.045	0.38	13	465	8
	58887	0.65	0	73	0.029	0.22	6	59	10
	58888	0.53	0.50	0	0.079	0.59	26	225	32
	58889	1.30	1.05	100	0.951	1.08	16	715	6
	56890	1.30	1.10	100	0.099	1.60	11	730	4
	58891	1.30	1.10	96	0.080	0.96	10	695	4
	58892	1.30	1.10	100	0.031	0.22	13	198	16
	58893	1.20	0	100	0.020	0.45	5	169	4

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
89	58894	1.25	1.20	95	0.104	1.47	55	1,400	12
	58895	0.92	0.90	100	0.030	0.71	47	840	30
	58896	1.03	0.90	100	0.002	0.05	23	1,050	6
	58897	1.30	1.00	93	0.093	1.46	26	430	43
	58898	0.50	0.49	0	0.102	1.26	87	44	285
96	58918	1.35	1.30	75	0.128	0.30	16	1,400	210
98	58899	1.15	0.95	26	0.104	0.62	87	169	70
	58900	1.10	1.00	100	0.024	0.38	56	210	30
	58901	0.60	0.55	0	<0.002	0.20	82	235	260
99	58909	0.97	0.95	100	0.043	0.53	26	90	28
	58910	1.20	1.15	100	0.009	0.13	28	74	28
101	58912	0.52	0.50	100	0.004	0.04	7	94	24
100	58911	1.35	1.30	100	0.071	0.30	16	106	30
103	58913	1.70	1.50	79	0.026	0.07	12	415	48
104	58914	0.52	0.50	100	3.333	0.67	11	305	36
108	58920	0.85	0.83	70	0.017	0.13	12	310	60
109	58919	0.85	0.83	96	0.095	0.46	20	2,150	45
111	58921	1.27	1.25	90	0.014	0.04	10	540	52
115	58922	1.03	0.95	100	0.012	0.05	3	410	10
	58923	0.95	0.90	45	0.015	0.07	8	885	58
	58924	1.20	0.90	100	0.002	0.02	12	85	80
114	58929	0.56	0.55	100	0.002	0.10	4	64	7
116	58930	1.40	1.10	0	0.024	0.04	41	305	490
	58931	1.28	0.85	0	<0.002	<0.02	30	30	290
	58932	1.20	1.10	0	0.011	0.04	86	90	660
127	58933	1.40	1.00	100	0.095	1.56	138	365	33
119	58943	1.15	0.90	0	0.005	0.06	71	114	355
	58944	1.05	1.00	0	0.019	0.15	36	610	195
	58945	1.15	0.90	92	0.042	0.07	4	295	55
120	58941	1.19	1.10	0	0.020	0.11	36	117	136
	58942	0.97	0.95	0	0.038	0.22	6	103	29
	58940	1.40	1.25	77	0.100	0.15	4	145	36

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
122	58937	1.37	1.25	100	0.121	0.26	5	4,050	1,450
	58938	1.30	1.10	100	0.011	0.04	4	355	28
	58939	1.40	1.20	100	0.011	0.06	4	116	15
124	58935	1.10	1.05	100	0.012	0.15	4	760	36
	58936	1.20	1.15	100	0.031	0.20	5	2,700	88
129	58934	0.05	0.49	100	0.098	1.57	26	3,320	500

STEMWINDER MINE

Appendix "E"

Channel Samples of Pits & Trenches NW of Stemwinder Shaft

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
64	58847	1.00	0.80	100	0.027	0.45	8	92	10
	58848	0.85	0.70	100	0.061	0.87	6	190	4
62	58849	1.40	1.30	100	0.034	0.49	9	595	235
	58850	1.00	0.98	4	0.014	0.04	17	95	50
	58880	0.80	0.70	0	0.022	0.19	20	580	240
	58881	0.90	0.80	23	0.009	0.15	25	690	210
63	58851	1.00	0.80	0	0.025	0.60	85	192	66
	58852	1.25	1.20	100	0.017	0.25	23	41	23
	58853	1.10	1.05	100	0.019	0.49	6	114	6
70	58854	1.40	1.35	100	0.101	1.49	4	1,200	62
68	58855	1.20	1.10	54	0.011	0.06	15	48	30
71	58856	1.00	0.95	100	0.026	0.04	7	225	14
	58857	0.70	0.60	68	0.010	0.10	5	67	6
	58858	1.00	0.95	0	0.002	0.02	86	47	44
76	58859	1.10	1.08	8	0.021	0.28	6	66	8
40	58841	1.10	1.05	100	0.040	0.79	57	460	9
	58842	0.32	0.31	93	0.008	0.04	7	44	3
42	58843	0.63	0.55	68.8	0.015	0.38	330	795	28
	58844	1.08	1.00	0	0.014	0.04	84	18	55
	58845	0.46	0.45	93	0.017	0.21	11	174	30
43	58846	1.00	0.98	100	0.022	0.36	37	500	16
47	58861	0.45	0.42	0	0.052	0.84	18	197	54
	58862	1.00	0.85	100	0.045	0.65	14	320	18
51	58863	1.2	1.18	0	0.257	4.10	215	770	24
	58864	1.25	0	0	0.042	0.56	25	270	13
53	58865	0.72	0.50	55.5	0.009	0.03	54	11	52
	58866	1.00	0.70	100	0.002	<0.02	8	9	10
80	58860	0.80	0.75	100	0.007	<0.02	9	4	4
81	58882	0.83	0.80	100	0.002	0.03	6	19	6
139	58874	0.95	0.93	100	0.013	0.06	4	8	3
140	58875	?	?	100	0.016	0.09	5	17	4

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	oz/ton Ag	Cu	PPM Pb	Zn
141	58876	1.22	1.20	-	0.024	0.25	18	179	88
	58877	1.00	-	100	0.010	0.14	4	25	7
	58878	1.35	-	100	0.008	<0.02	4	8	4
	58879	GRAB OF DUMP			0.124	0.96	13	90	64
137	58968	0.18	0.17	100	0.009	0.06	8	187	8
136	58967	0.14	0.14	100	0.006	0.09	11	675	45
133	58946	1.25	0.65	100	0.006	0.05	4	380	10
	58947	1.20	0.60	-	0.021	<0.02	4	60	24
	58948	1.40	1.00	100	0.195	0.09	3	60	30
	58949	1.00	0.55	100	0.036	0.54	4	650	38
	58950	1.00	0.65	100	0.970	0.27	4	80	19
134	58951	1.30	0.80	100	0.006	0.03	3	127	4
	58952	1.45	0.70	100	<0.002	<0.002	3	8	4
	58953	1.60	-	96	0.038	0.21	4	755	51

Survey Station | Sample | Interval Thickness (m) | True Thickness (m) | % Qtz | oz/ton Au | Ag | Cu | PPM Pb | Zn

STEMWINDER PROPERTY

Appendix "F"

1987 Backhoe Trenching

Trench	Sample	Interval Thickness (m)	True Thickness (m)	oz/ton Au	Ag	PPM Cu	Pb	Zn
1	58998	0.7		0.116	1.66	295	3,600	350
	58999	1.9		0.032	0.42	40	370	43
2	59000	0.8		0.023	0.34	6	48	14
3	NONE							
4	NONE							
5	59001	1.00		<0.002	0.03	8	200	86
6	59002	0.80		<0.002	<0.02	3	16	8
7	NONE							
8	59003	1.0		1.997	0.84	4	2,100	139

SUSIE MINE

Appendix "G"

Channel Samples

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	oz/ton Ag	PPM Cu	PPM Pb	PPM Zn
200	58954	1.30	1.25	100	0.076	1.14	31	785	16
	58955	1.25	1.20	100	0.263	5.42	21	4,800	4
	58956	1.20	1.11	100	0.189	3.44	5	1,000	2
	58957	1.30	1.15	100	0.046	0.73	6	640	3
	58958	1.30	1.15	100	0.042	1.13	5	980	2
	58959	1.30	1.00	100	0.002	0.03	2	22	1
	58960	1.25	1.00	84	0.002	0.11	3	52	3
	58961	1.30	1.25	42	0.023	0.59	4	300	8
203	58966	1.40	0.80	89	0.035	0.62	5	115	7
	58962	0.80	0.75	100	0.020	0.32	4	210	4
	58963	0.70	0.55	100	0.024	0.23	3	110	1
	58964	1.30	1.30	100	0.017	0.22	2	40	6
	58965	1.45	1.00	100	0.011	0.14	4	43	14
UNDERGROUND SAMPLING									
10N	58969	1.30	1.20	100	0.118	1.99	5	1,100	25
	58970	1.00	0.97	100	0.057	0.69	3	200	3
	58971	0.96	0.93	100	0.056	0.78	6	161	16
5N	58972	1.30	1.28	100	0.059	0.99	14	295	30
	58973	1.42	0.90	100	0.041	0.81	7	330	14
0	58974	1.00	1.00	100	0.002	0.07	6	31	9
	58975	1.05	1.05	100	0.002	0.12	8	28	15
	58976	1.35	1.15	100	0.002	0.23	10	106	20
	58977	0.73	0.71	100	0.008	0.13	11	73	22
55N	63076	1.00	0.97	40	0.022	0.42	2	193	8
	63077	1.00	0.98	-	0.008	0.26	4	120	16
60N	63078	1.00	-	100	0.016	0.22	2	147	8
	63079	1.00	-	100	0.017	0.23	2	75	6
	63080	0.98	-	100	0.019	0.22	3	100	14
65N	63081	1.05	-	100	0.123	2.44	2	1,300	3
	63082	1.00	-	100	0.051	0.79	2	260	6
	63083	1.00	-	100	0.014	0.29	2	57	5
	63084	1.08	-	100	0.019	0.41	2	171	6
70N	63085	1.10	-	100	0.040	0.63	3	159	14
	63086	1.03	-	100	0.016	0.36	1	111	5

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	oz/ton Ag	PPM Cu	PPM Pb	PPM Zn

Survey Station | Sample | Interval Thickness (m) | True Thickness (m) | % Qtz | oz/ton Au | Ag | Cu | PPM Pb | Zn

75N	63087	1.10	-	100	0.014	0.19	2	49	6
	63088	1.03	-	100	0.026	0.48	1	221	5
80N	63089	1.08	-	100	0.122	2.17	2	660	2
	63090	1.02	-	100	0.070	0.83	2	137	2
	63091	0.60	-	100	0.061	1.02	28	370	12
85N	63092	1.05	0.80	100	0.128	2.39	3	2,000	4
	63093	1.08	1.00	100	0.201	3.44	47	940	124
88N	63094	1.05	0.70	100	0.161	2.74	310	1,000	10
	63095	1.02	0.45	100	0.123	2.65	12	3,000	40
92.5N	63096	0.55	0.50	100	0.022	0.68	16	295	88
5S	58978	1.45	0.90	100	0.021	0.10	6	48	9
	58979	1.50	1.30	100	<0.002	0.03	5	21	6
	58980	1.30	0.85	100	0.017	0.38	9	149	13
10S	58981	1.50	?	100	0.027	0.56	4	59	4
	58982	1.05	1.00	100	0.009	0.13	12	58	12
	58983	1.30	1.10	100	0.047	1.12	12	545	18
15S	58984	0.96	0.45	87	0.049	1.22	3	575	15
	58985	1.05	0.80	100	0.190	4.16	7	2,450	6
25S	58986	0.90	0.88	100	0.012	0.16	15	74	60
	58987	1.00	0.90	100	0.146	3.17	5	1,950	32
30S	58988	1.30	1.00	100	0.009	0.13	6	75	68
	58989	1.30	0.70	100	0.002	0.04	8	66	150
35S	58990	1.34	1.30	100	0.070	0.75	7	139	10
	58991	1.40	1.38	100	0.233	3.68	32	1,200	14
	58992	1.50	1.30	100	0.039	0.85	7	250	16
	58993	1.05	1.00	100	0.041	0.78	13	465	28
	58994	1.30	1.10	100	0.052	0.89	5	126	23

Intermediate Level

10S	57650	1.12	1.10	100	0.004	0.07
	57651	1.00	1.00	36	0.007	0.12
20S	57586	1.03	0.90	0	0.002	0.02
	57587	1.08	1.00	100	0.047	0.99
	57588	1.00	0.85	43	0.018	0.26
	57589	0.55	0.20	100	0.013	0.19

Survey Station | Sample | Interval Thickness (m) | True Thickness (m) | % Qtz | oz/ton Au | Ag | Cu | PPM Pb | Zn

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
25S	57590	1.05	1.0	0	0.002	0.04			
	57591	1.0	1.0	85	0.021	0.40			
	57592	0.78	0.40	98	0.018	0.35			
30S	57593	1.10	1.05	3	0.002	<0.002			
	57594	1.30	1.00	95	0.238	3.78			
40S	57595	1.10	0.80	0	0.016	0.24			
	57596	1.10	1.00	100	0.534	6.34			
	57597	1.05	1.00	99	0.171	3.27			
	57598	1.01	9.98	42	0.023	0.26			
	57599	1.00	1.00	26	0.024	0.71			
	57600	0.40	0.39	53	0.012	0.23			
45S	57608	0.78	0.60	0	0.008	0.23			
	57609	1.05	1.00	100	0.361	5.78			
	57610	0.90	0.70	90	0.080	1.42			
50S	57613	0.70	0.40	0	0.025	0.41			
	57614	1.15	1.00	95	0.036	0.53			
	57615	1.15	0.80	80	0.020	0.35			
85S	57616	1.02	0.95	100	0.220	3.24			
	57617	1.0	0.90	100	0.174	3.25			
	57618	0.65	0.30	90	0.093	1.74			
85S	CROSS-CUT								
5E	57619	1.05	1.0	100	0.220	3.43			
	57620	0.97	0.95	100	0.119	2.22			
	57621	0.88	0.60	93	0.529	8.68			
9E	57622	1.05	1.0	88	0.025	0.47			
	57623	1.10	1.0	30	0.082	1.07			
	57624	1.10	1.03	40	0.040	0.52			
	57625	1.03	1.00	80	0.011	0.20			
	57626	1.00	0.96	95	0.023	0.35			
	57627	0.53	0.53	90	0.076	1.18			
Intermediate Levels (continued)									
90S	57628	1.03	1.0	100	0.078	1.05			
	57629	1.28	1.0	82	0.037	0.96			
95S	57630	0.98	0.98	100	0.098	1.68			
	57631	1.10	0.95	100	0.073	1.22			

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
100S	57632	0.98	0.95	100	0.027	0.87			
	57633	1.00	1.00	74	0.115	2.25			
	57634	1.00	0.98	97	0.054	1.22			
	57635	1.00	1.00	100	0.041	0.64			
	57636	1.00	1.00	100	0.013	0.15			
	57637	0.87	0.87	100	0.008	0.03			
105S	57638	1.00	9.05	92	0.033	0.34			
	57639	1.0	0.45	98	0.231	3.75			
110S	57640	1.00	1.00	100	0.037	0.65			
	57641	1.00	0.90	100	0.094	2.00			
	57642	0.85	0.50	100	0.056	1.07			
115S	57643	1.15	0.90	100	0.149	2.91			
120S	57644	1.05	1.00	95	0.073	1.38			
	57645	0.70	0.20	100	0.043	0.96			
125S	57646	1.00	1.00	100	0.038	0.74			
	57647	0.70	0.30	100	<0.002	0.05			
133S	57648	0.98	0.98	100	0.018	0.35			
	57649	0.80	0.75	86	0.032	0.43			
Lower Level									
5N	57652	0.38	0.35	100	0.075	1.08			
	57653	0.98	0.95	100	0.071	1.29			
10N	57654	1.10	1.00	89	0.069	0.86			
	57655	1.15	1.05	78	0.077	1.08			
15N	57656	1.02	1.02	100	0.147	1.86			
	57657	1.35	0.65	100	0.007	0.11			
20N	57658	1.0	0.98	100	0.146	2.16			
	57659	1.0	1.00	100	0.002	0.03			
	57660	1.05	0.50 (?)	30	0.020	0.33			
25N	57661	1.15	0.95	95	0.225	4.80			
	57662	1.08	1.00	95	0.007	0.18			
	57663	1.00	?	50	0.047	0.87			
30N	57664	1.12	1.00	100	0.023	0.36			
	57665	1.10	1.00	100	0.027	0.33			
	57666	1.00	0.95	57	0.026	0.40			
	57667	1.00	0.93	1004	0.012	0.19			

Survey Station | Sample | Interval Thickness (m) | True Thickness (m) | % Qtz | oz/ton Au | Ag | Cu | PPM Pb | Zn

Survey Station | Samole | Interval Thickness (m) | True Thickness (m) | % Qtz | oz/ton Au | Ag | Cu | PPM Pb | Zn

Survey Station	Sample	Interval Thickness (m)	True Thickness (m)	% Qtz	oz/ton Au	Ag	Cu	PPM Pb	Zn
35N	57668	1.00	0.95	100	0.165	2.36			
	57669	1.12	1.00	100	0.016	0.27			
	57670	1.30	?	95	0.013	0.18			
40N	57671	1.00	0.80	80	0.016	0.22			
	57672	1.10	1.00	99	0.013	0.19			
	57673	1.24	?	99	0.004	0.05			
45N	57674	1.10	1.00	100	0.003	0.02			
	57675	1.10	1.00	85	0.010	0.13			
	57676	1.15	?	20	0.004	0.05			
NW CROSS-CUT									
0	57901	1.43	?	100	0.042	0.61			
5E	57902	1.00	0.98	100	0.005	0.05			
	57903	0.95	0.94	100	0.003	0.02			
10E	57904	1.00	0.95	95	0.054	1.05			
	57905	0.96	0.86	100	0.018	0.20			
15E	57906	1.00	0.95	100	0.013	0.20			
	57907	1.20	1.15	100	0.015	0.11			
20E	57908	1.00	0.95	95	0.026	0.46			
	57909	1.24	1.18	100	0.368	6.50			
24E	57910	0.95	0.95	85	0.085	1.34			
	57911	0.53	0.53	85	0.203	3.65			

STEMWINDER PROPERTY

Appendix "H"

ASSAY AND GEOCHEM RESULTS FOR 1987 ROTARY DRILLING

Hole	Sample #	From-To (m)	Au (ppb)	Au / Ag oz/ton
S87R01	62785	21.34- 22.86	35	
	62786	22.86- 24.38	1250	0.046/0.59
	62787	24.38- 25.15	7700	0.218/3.25
	62788	25.15- 25.91	2000	0.070/1.03
	62789	25.91- 26.67	1300	0.046/0.55
	62790	26.67- 27.43	460	0.015/0.17
	62792	27.43- 28.96	1300	0.047/0.32
	62791	28.96- 30.48	190	0.005/0.06
	62793	30.48- 32.00	2800	0.044/0.29
	62794	32.00- 33.53	680	0.031/0.42
	62795	68.58- 70.10	45	
	62796	70.10- 71.63	160	
	62797	71.63- 72.39	340	
	64476	72.39- 73.15	60	
	64477	73.15- 73.91	420	
	64478	73.91- 74.68	190	
	64479	74.68- 75.44	720	
	64480	75.44- 76.20	280	
	64481	76.20- 76.96	110	
	64482	76.96- 77.72	110	
	64483	77.72- 78.49	70	
	64484	78.49- 79.25	90	
	64485	79.25- 80.77	220	
	64486	80.77- 81.53	<5	
	64487	81.53- 82.30	55	
	64488	82.30- 83.06	45	
	64489	83.06- 83.82	25	
	64490	83.82- 85.34	5	
	64491	85.34- 86.11	5	
	64492	86.11- 86.97	15	
	64493	89.92- 91.44	<5	
S87R02	64494	59.44- 60.96	900	0.022/0.11
	64495	60.96- 61.72	300	0.011/0.06
	64496	61.72- 62.48	740	0.022/0.19
	64497	62.48- 63.25	920	0.029/0.04
	64498	63.25- 64.01	95	
	64499	64.01- 65.53	25	
	64500	76.2 - 77.72	<5	
	64501	77.72- 79.25	<5	
	64502	89.92- 91.44	150	
	64503	91.44- 92.20	50	
	64504	92.20- 92.96	75	
	64505	92.96- 93.73	35	
	64506	93.73- 94.49	5	

Hole	Sample #	From-To (m)	Au (ppb)	Au oz/ton	Ag oz/ton
S87R02	64507	96.01- 97.54	<5		
	64508	97.54- 98.30	<5		
	64509	98.30- 99.06	<5		
	64510	99.06- 99.82	<5		
	64511	99.82-100.58	<5		
	64512	100.58-101.35	<5		
	64513	138.68-139.45	5		
	64514	139.45-140.21	10		
	64515	140.21-141.73	5		
	64516	141.73-143.26	30		
	64517	143.26-144.02	280		
	64518	144.02-144.78	55		
	64519	144.78-146.30	15		
	64520	146.30-147.83	15		
	64521	147.83-148.59	5		
	64522	148.59-149.35	<5		
	64523	149.35-150.11	<5		
	64524	150.11-150.88	<5		
	64525	150.88-151.64	<5		
	62776	151.64-152.40	85		
	62777	152.40-153.16	70		
	62778	153.16-153.92	5		
	62779	153.92-154.69	20		
	62780	154.69-155.45	5		
	62781	162.31-163.07	<5		
S87R03	60301	4.57- 6.10	15		
	60302	10.67- 12.19	30		
	60303	12.19- 13.72	50		
	60304	24.38- 25.91	5		
	60305	25.91- 26.67	20		
	60306	26.67- 27.43	25		
	60307	27.43- 28.19	<5		
	60308	28.19- 28.96	20		
	60309	28.96- 29.72	<5		
	60310	29.72- 30.48	20		
	60311	30.48- 31.24	380		
	60312	31.24- 32.00	110		
	60313	32.00- 32.77	15		
	60314	32.77- 33.53	35		
	60315	33.53- 34.29	10		
	60316	34.29- 35.05	<5		
	60317	35.05- 35.81	30		
	60318	35.81- 36.58	60		
	60319	36.58- 37.34	70		
	60320	37.34- 38.10	110		
	60321	38.10- 38.86	25		
	60327	45.72- 47.24	35		
	60328	47.24- 48.01	200		
	60322	49.53- 50.29	190		
	60323	50.29- 51.05	740		

Hole	Sample #	From-To (m)	Au (ppb)	Au / Ag oz/ton
S87R03	60329	51.05- 51.82	560	
	60324	51.82- 52.58	220	
	60325	52.58- 53.34	300	
	60326	73.15- 73.91	170	
	60330	74.68- 76.2	65	
S87R04	63098	54.86- 56.38	<5	
	63099	56.38- 57.91	10	
	60352	57.91- 59.44	6000	0.182/0.43
	60353	59.44- 60.20	<10000	0.367/0.93
	60354	60.20- 60.96	2500	0.036/0.11
	60355	60.96- 61.72	540	0.048/0.06
	60356	61.72- 62.48	2600	0.031/0.11
	60357	62.48- 63.25	1450	0.096/0.12
	60358	63.25- 64.01	540	0.055/0.03
	60359	64.01- 64.77	1900	0.061/0.44
	60360	64.77- 65.53	1100	0.041/0.20
	60361	65.53- 66.29	220	
	60362	66.29- 67.06	10	
	60363	70.10- 70.87	<5	
	60364	73.15- 73.91	15	
	60365	85.34- 86.87	100	
	60366	86.87- 88.39	60	
	60367	88.39- 89.92	960	0.030/0.38
	60368	89.92- 90.68	170	0.002/0.08
	60369	90.68- 91.44	2800	0.079/1.17
	60380	91.44- 92.96	140	
S87R05	60382	21.34- 22.10	640	
	60383	22.10- 22.86	80	
	60384	22.86- 23.62	10	
	60385	23.62- 24.38	2100	0.004/0.09
	63100	24.38- 25.15	15	
	60386	25.15- 25.91	65	0.002/0.03
	60387	25.91- 26.67	4200	0.165/0.73
	60388	26.67- 27.43	820	0.018/0.14
	60389	27.43- 28.19	660	0.021/0.38
	60390	28.19- 28.96	300	0.010/0.11
	60391	28.96- 29.72	760	0.029/0.28
	60392	29.72- 30.48	360	
	60393	30.48- 31.24	90	
	60394	33.53- 35.05	150	
	60395	35.05- 35.81	140	
	60396	35.81- 36.58	110	
	60400	99.06- 99.82	320	
	60401	99.82- 100.58	190	

Hole	Sample #	From-To (m)	Au (ppb)	Au / Ag oz/ton
S87R06	60371	27.43- 29.19	680	0.019/0.24
	60372	28.19- 28.96	9000	0.247/5.42
	60373	28.96- 29.72	7200	0.227/2.65
	60374	29.72- 30.48	7400	0.189/4.10
	60375	30.48- 31.24	2300	0.067/1.03
	60376	31.24- 32.00	600	0.018/0.14
	60377	32.00- 32.77	6500	0.141/1.20
	60378	32.77- 33.53	2300	0.055/1.24
	60379	33.53- 34.29	2900	0.078/1.97
	60380	34.29- 35.05	1650	0.037/0.83
	60381	35.05- 35.81	70	
	60397	76.20- 77.72	<5	
	60398	99.06-100.58	<5	
	60399	117.37-118-11	<5	

STEMWINDER PROPERTY

Appendix "I"

ASSAY AND GEOCHEM RESULTS FOR 1988 ROTARY DRILLING

Hole	Sample #	From-To (m)	Au (ppb)	Au / Ag oz/ton
S88R01	60751	38.10- 39.62	<5	
	60752	39.62- 41.14	55	
	60753	41.14- 42.67	15	
	60737	65.53- 67.05	130	
	60738	67.05- 67.81	30	
	60739	67.81- 68.48	20	
	60740	68.58- 69.34	45	
	60741	69.34- 70.10	15	
	60742	70.10- 70.87	5	
	60743	70.87- 71.62	<5	
	60744	71.62- 73.15	<5	
	60745	92.96- 93.73	>10000	0.464/0.53
	60746	93.73- 94.48	5600	0.146*/0.59
	60747	121.16-121.92	<5	
	60748	121.92-122.68	<5	
	60749	131.06-131.83	40	
	60750	131.83-132.58		
S88R02	60699	44.19- 45.72	10	
	60719	86.86- 88.39	<5	
	60720	88.39- 89.15	<5	
	60721	89.15- 89.91	25	
	60722	89.91- 90.68	5	
	60723	118.87-120.39	1000	0.026/0.62
	60724	120.39-121.16	35	
S88R03	60686	3.05- 4.57	15	
	60687	4.57- 6.09	5	
	60688	53.34- 54.86	480	
	60689	54.86- 56.38	180	
	60700	74.68- 76.20	5	
	60701	83.82- 85.34	45	
	60702	100.58-102.10	5	
	60703	126.49-128.01	<5	
	60690	178.30-179.83	170	
	60691	179.83-180.59	5	
	60692	180.59-181.35	140	
	60693	181.35-182.11	740	
	60694	182.11-182.88	660	
	60695	182.88-183.64	25	
	60696	183.64-184.40	3300	0.091/1.26
	60697	184.40-185.17	2800	0.085/0.67
	60698	185.17-185.92	130	

Hole	Sample #	From-To (m)	Au (ppb)	Au oz/ton	Ag oz/ton
S88R04	60799	80.77- 81.53	<5		
	60800	99.06-100.58	<5		
	57501	100.58-102.10	<5		
	57502	119.63-120.39	<5		
	57503	120.39-121.16	<5		
	57504	121.16-121.92	<5		
	57505	158.49-159.26	65		
	57506	176.78-178.30	150		
	57507	178.30-179.83	640		
	57508	179.83-181.35	25		
	57509	181.35-182.88	<5		
	57510	201.17-201.93	<5		
	57511	201.93-202.69	<5		
	57512	206.50-207.26	<5		
	57513	207.26-208.03	<5		
	57514	208.03-208.79	<5		
	57515	211.84-212.60	<5		
	57516	212.60-213.36	<5		
	57517	220.98-222.50	240		
S88R05	60704	77.72- 78.49	240		
	60705	78.49- 79.24	130		
	60706	79.24- 80.01	180		
	60707	80.01- 80.77	320		
	60708	80.77- 81.53	340		
	60709	81.53- 82.29	1350	0.047	0.35
	60710	82.29- 83.06	3800	0.151	1.52*
	60711	83.06- 83.82	110		
	60712	83.82- 84.58	540		
	60713	84.58- 85.34	120		
	60714	94.48- 95.25	15		
	60715	95.25- 96.01	10		
	60716	96.01- 96.77	<5		
	60717	96.77- 97.53	<5		
	60718	97.53- 98.30	5		
	60733	98.30- 99.06	<5		
	60734	99.06- 99.82	5		
	60735	99.82-100.58	<5		
	60736	100.58-101.35	30		
	60725	121.92-123.44	50		
	60726	123.44-124.21	1650	0.052	0.17
	60727	124.21-124.96	1550	0.053	0.05
	60728	124.96-125.73	760		
	60729	125.73-126.49	1050	0.025	0.32
	60730	126.49-128.01	340		
	60731	134.11-134.87	140		
	60732	134.87-135.63	<5		
	60783	160.02-160.78	180		
	60684	160.78-161.54	10		
	60685	161.54-163.06	140		

Hole	Sample #	From-To (m)	Au (ppb)	Au / Ag oz/ton
S88R06	60771	55.63- 56.38	460	
	60772	56.38- 57.15	8000	
	60773	57.15- 57.91	5000	
	57607	57.91- 58.67	1000	0.029/0.19*
	60774	71.62- 72.54	15	
	60775	72.54- 73.115	10	
	60776	118.87-119.63	1900	
	60777	119.63-120.39	3000	
	60778	120.39-121.16	400	
	60779	140.20-140.97	10	
	60780	140.97-141.73	10	
	60781	141.73-142.49	20	
	60782	163.83-164.59	40	
	60783	164.59-165.35	65	
	60784	165.35-166.11	100	
	60785	166.11-166.88	30	
	57525	166.88-167.64	220	
	60786	170.68-171.45	60	
	60787	171.45-172.21	65	
	60788	172.21-172.97	35	
	60789	172.97-173.73	50	
	60790	173.73-174.49	30	
	60791	174.49-175.26	80	
	60792	175.26-176.02	45	
	60793	176.02-176.78	<5	
	60794	176.78-177.54	25	
	60795	177.54-178.30	10	
	60796	178.30-179.07	95	
	60797	182.88-183.64	620	
	60798	183.64-184.40	700	
S88R07	57535	30.48- 32.00	5	
	57536	32.00- 33.53	<6	
	57537	56.39- 57.91	900	
	57538	57.91- 59.44	440	
	57539	59.44- 60.96	30	
	57540	60.96- 61.72	3500	0.044*/0.06
	57541	61.72- 62.48	25	
	57542	62.48- 63.25	80	
	57543	63.25- 64.01	30	
	57604	140.97-141.73	120	
	57605	149.35-150.11	10	
	57606	150.11-150.88	20	
S88R08	60754	30.48- 32.00	190	
	60755	32.00- 32.77	240	
	60756	32.77- 33.53	<10000	
	60757	33.52- 34.29	4000	
	60758	39.62- 41.14	1750	
	60759	41.14- 41.91	1300	
	60760	41.91- 42.67	180	

Hole	Sample #	From-To (m)	Au (ppb)	Au oz/ton	Ag oz/ton
S88R08	60761	82.29- 83.06	10		
	60762	89.91- 90.68	10		
	60763	90.68- 91.44	5		
	60764	91.44- 92.20	15		
	60765	92.20- 92.96	5		
	60766	92.96- 93.73	<5		
	60767	93.73- 94.48	5		
	60768	94.48- 95.25	15		
	60769	95.25- 96.01	<5		
	60770	96.01- 96.77	<5		
S88R09	57518	99.06- 99.82	<5		
	57519	99.82-100.58	<5		
	57520	100.58-102.10	5		
	57521	102.10-102.87	10		
	57522	112.77-114.30	<5		
	57523	164-59-166.11	320		
	57524	166.11-166.88	50		
	57525	166.88-167.64	220		
	57526	167.64-168.40	400		
	57527	168.40-169.16	180		
	57528	193.55-195.07	<5		
	57529	195.07-195.83	<5		
	57530	195.83-196.60	<5		
S88R10	57544	21.34- 22.86	<5		
	57545	22.86- 24.38	10		
	57546	106.68-108.20	15		
	57547	108.20-109.73	<5		
	57548	112.78-114.30	20		
	57549	114.30-115.82	10		
	57550	141.73-143.26	10		
	57601	143.26-144.78	10		
	57602	144.78-166.88	10		
	57603	166.88-167.64	35		
S88R11	57531	92.96- 94.49	60		
	57532	94.49- 96.01	40		
	57533	96.01- 97.54	20		
	57534	97.54- 99.06	10		

* erratic value

ROCK TYPE LEGEND FOR CROSS-SECTIONS

QUARTZITES

QZIT	Quartzite
BIQT	Biotite quartzite
CBQT	Chlorite - biotite quartzite
BCQT	Biotite - chlorite quartzite
CSQT	Chlorite - sericite quartzite
BSQT	Biotite - sericite quartzite
SBQT	Sericite - biotite quartzite
CLQT	Chlorite quartzite
MUQT	Muscovite quartizte

SCHISTS

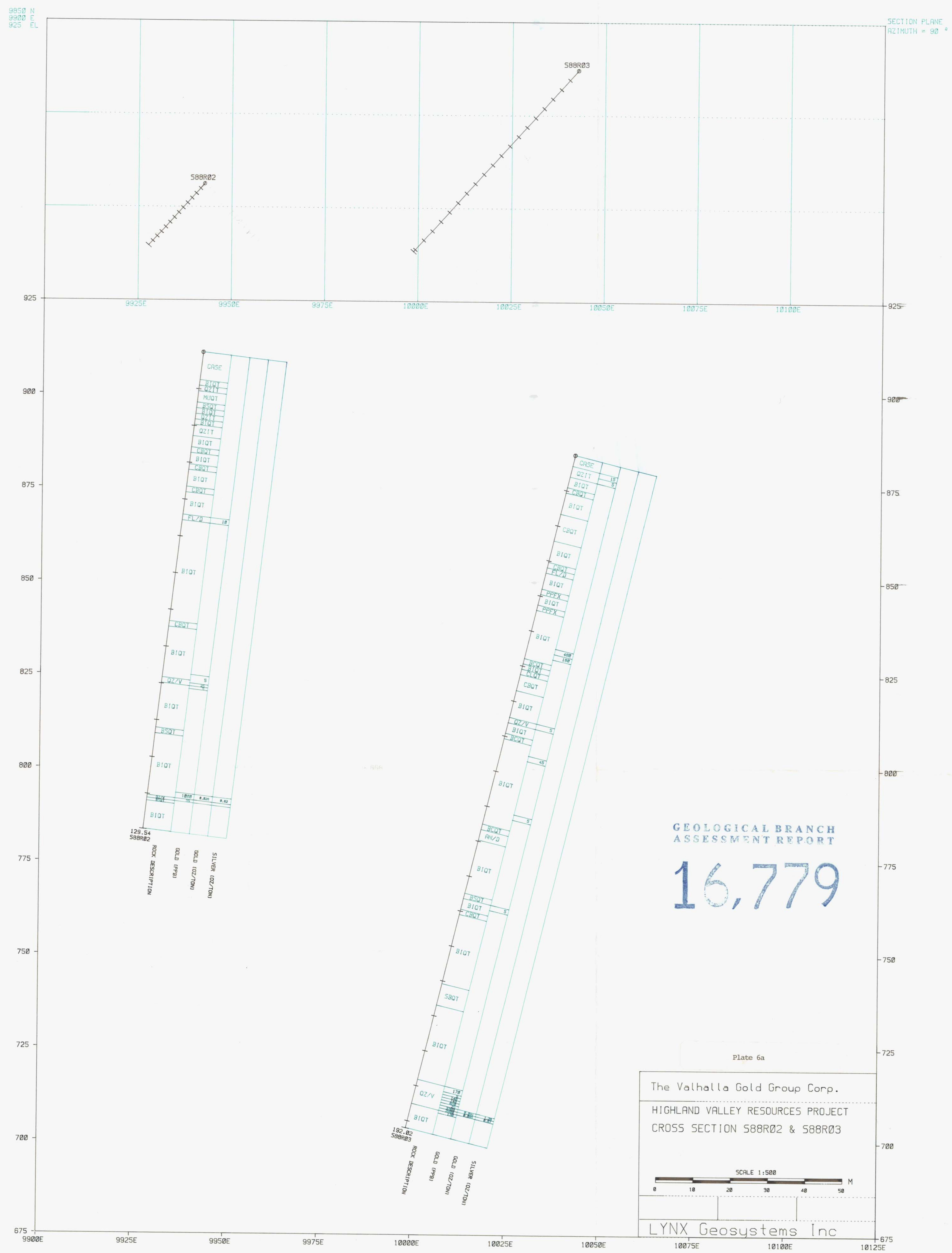
CSS#	Chlorite - sericite schist
CLS#	Chlorite schist
BCS#	Biotite - chlorite schist
CBS#	Chlorite - biotite schist
SBS#	Sericite - biotite schist
MUS#	Muscovite schist
SCS#	Sericite - chlorite schist
BIS#	Biotite schist

INTRUSIVE

DIOR	Diorite
GRAN	Granite
ANDS	Andersite
AN/D	Andersite dyke
AN/L	Andersite sill
PPFQ	Porphyry, feldspar-quartz
PPQF	Poprhyry, quartz-feldspar
PPFX	Porphry-feldspar
FL/D	Felsic dyke
FL/L	Felsic sill
QZ/V	Quartz vein
DC/D	Dacite dyke

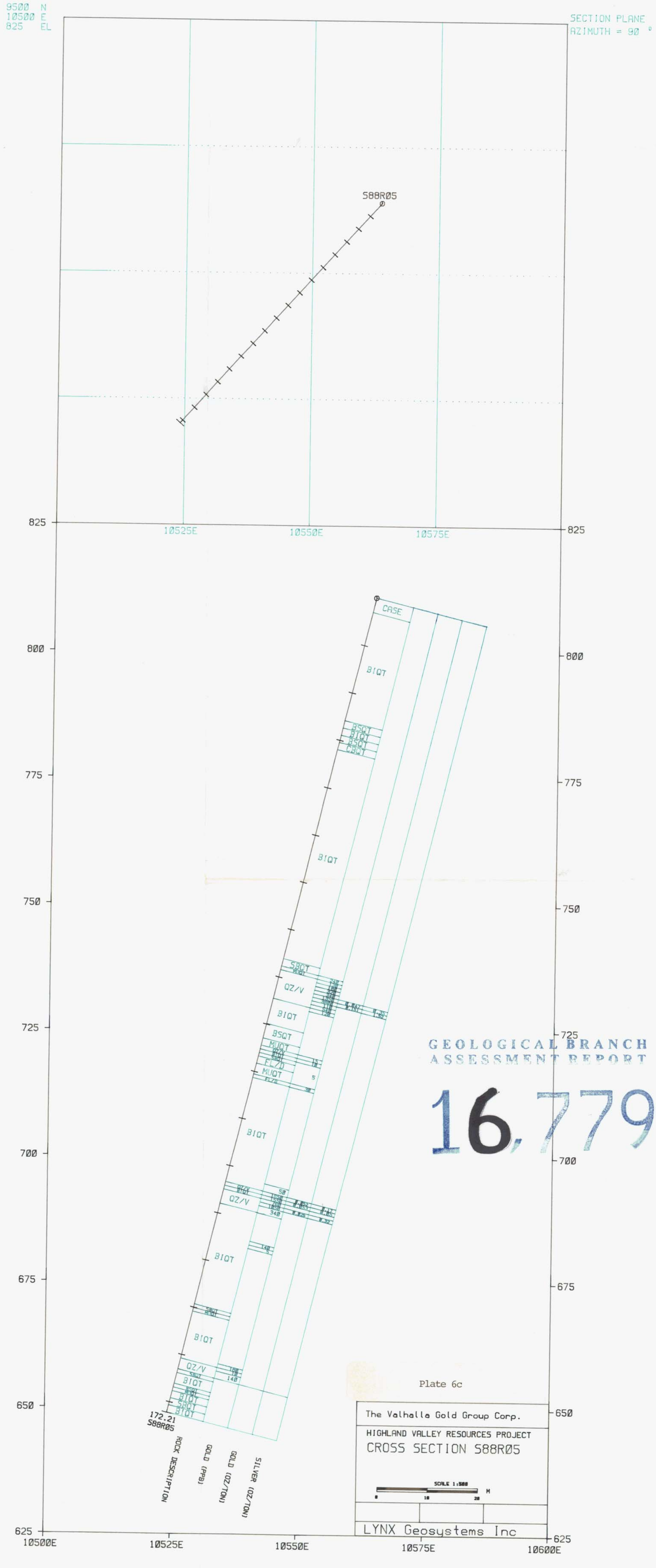
OTHER

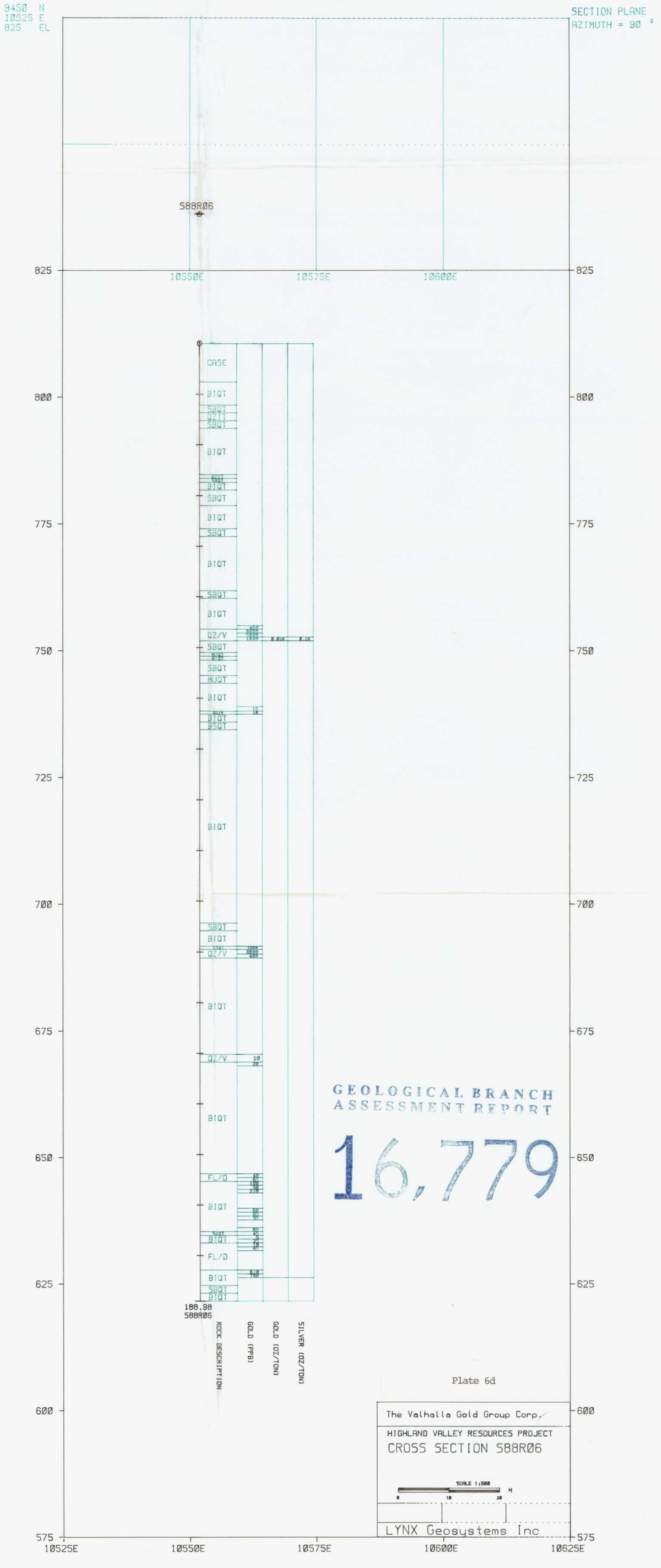
OVER	Overburden
CASE	Casing
FU	in minerals = fucksite (it's an alteration mineral)
GR	Graphite
FAUL	Fault
GOUG	Fault gouge
MISS	Core missing



9850 N
9900 E
925 EL
SECTION PLANE
AZIMUTH = 90 °
S88R02
S88R03
ROCK DESCRIPTION
GOLD (PPB)
GOLD (OZ/TON)
SILVER (OZ/TON)
129.54
S88R02
182.02
S88R03
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
Plate 6a
The Valhalla Gold Group Corp.
HIGHLAND VALLEY RESOURCES PROJECT
CROSS SECTION S88R02 & S88R03
SCALE 1:500
LYNX Geosystems Inc


9800 N
9925 E
925 EL
SECTION PLANE
AZIMUTH = 90 °
S88RØ1
S88RØ4
9950E
9975E
10000E
10025E
10050E
10075E
10100E
10125E
10150E
9925E
925
900
875
850
825
800
775
750
725
700
675
650
143.25
S88RØ1
228.60
S88RØ4
ROCK DESCRIPTION
GOLD (PPB)
GOLD (OZ/TON)
SILVER (OZ/TON)
CASE
BIQT
SBQT
CBQT
BSQT
QZ/V
FL/D
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
Plate 6b
The Valhalla Gold Group Corp.
HIGHLAND VALLEY RESOURCES PROJECT
CROSS SECTION S88RØ1 & S88RØ4
SCALE 1:500
0
10
20
30
40
50
M
LYNX Geosystems Inc


9500 N
10500 E
825 EL
SECTION PLANE
AZIMUTH = 90 °
S88R05
10525E
10550E
10575E
825
800
775
750
725
700
675
650
625
10500E
10525E
10550E
10575E
10600E
CASE
BIQT
BSQT
CBQT
QZ/V
MUQT
FLZD
172.21
S88R05
ROCK DESCRIPTION
GOLD (PPB)
GOLD (OZ/TON)
SILVER (OZ/TON)
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
Plate 6c
The Valhalla Gold Group Corp.
HIGHLAND VALLEY RESOURCES PROJECT
CROSS SECTION S88R05
SCALE 1:500
M
0
10
20
LYNX Geosystems Inc



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,779

Plate 6d

The Valhalla Gold Group Corp.

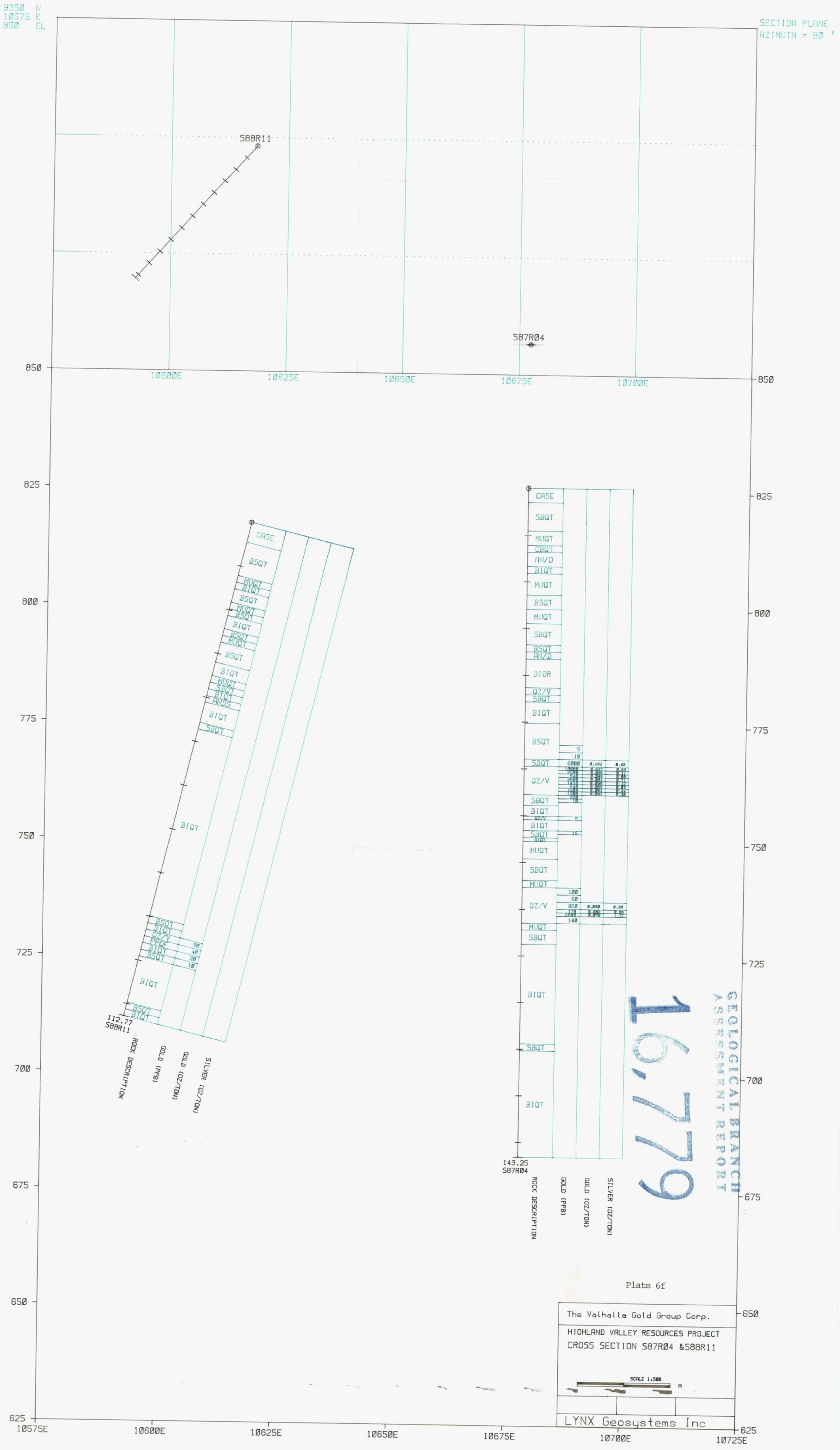
HIGHLAND VALLEY RESOURCES PROJECT

CROSS SECTION S88R06

SCALE 1:500

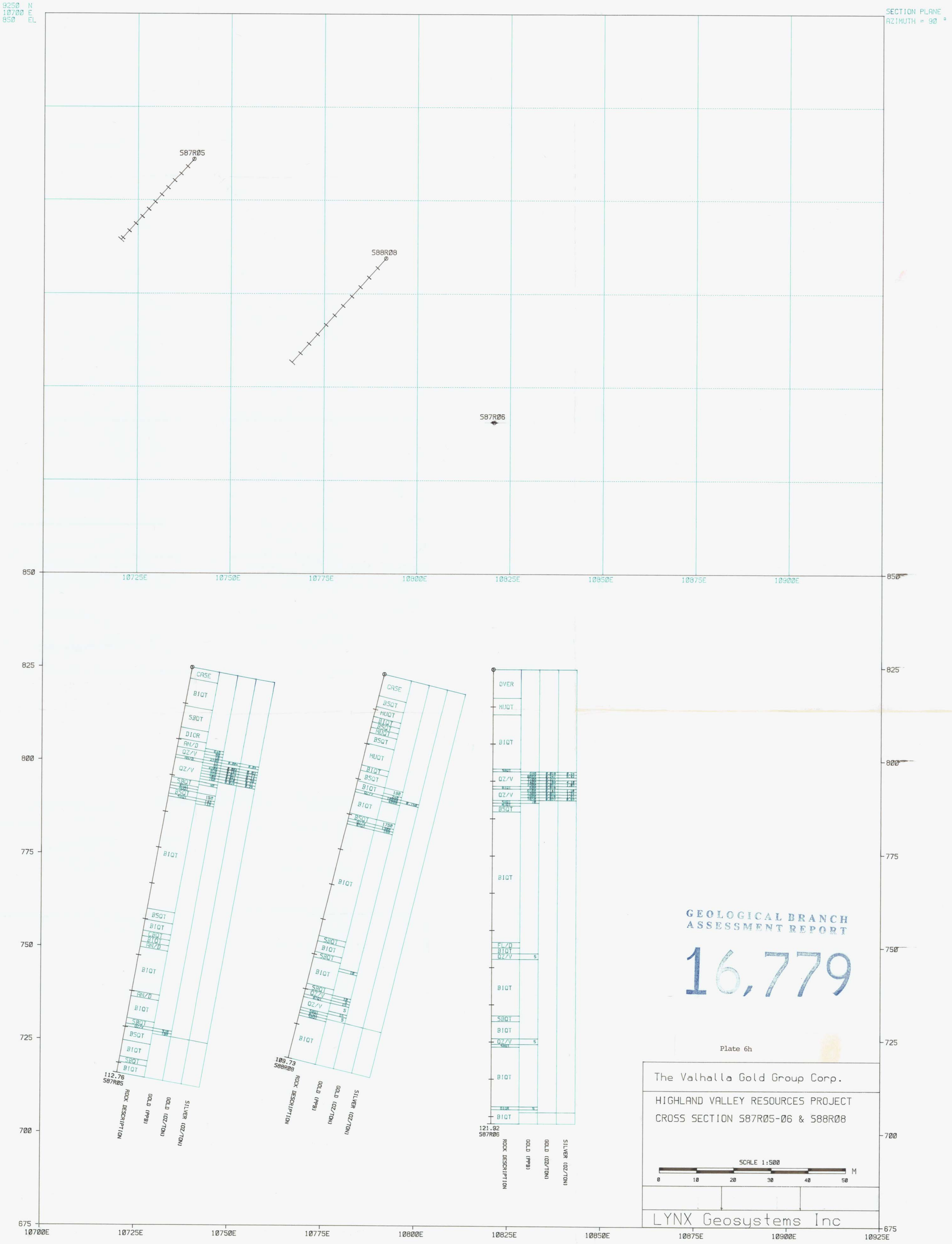
LYNX Geosystems Inc

9400 N
10525 E
825 EL
SECTION PLANE
AZIMUTH = 90 °
S88R07
S87R01
825
800
775
750
725
700
675
650
625
600
10525E
10550E
10575E
10600E
10625E
10650E
10675E
94.48
S87R01
ROCK DESCRIPTION
GOLD (PPB)
GOLD (OZ/TON)
SILVER (OZ/TON)
160.02
S88R07
ROCK DESCRIPTION
GOLD (PPB)
GOLD (OZ/TON)
SILVER (OZ/TON)
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
Plate 6e
The Valhalla Gold Group Corp.
HIGHLAND VALLEY RESOURCES PROJECT
CROSS SECTION S87R01 & S88R07
SCALE 1:500
M
LYNX Geosystems Inc



9350 N
10575 E
850 EL
SECTION PLANE
AZIMUTH = 90 °
S88R11
S87R04
10600E
10625E
10650E
10675E
10700E
10575E
10725E
850
825
800
775
750
725
700
675
650
625
CASE
BSQT
MUQT
BIQT
SBQT
QZ/V
ANDS
CBQT
AN/D
DIOR
112.77
S88R11
143.25
S87R04
ROCK DESCRIPTION
GOLD (PPB)
GOLD (OZ/TON)
SILVER (OZ/TON)
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
Plate 6f
The Valhalla Gold Group Corp.
HIGHLAND VALLEY RESOURCES PROJECT
CROSS SECTION S87R04 &S88R11
SCALE 1:500
M
LYNX Geosystems Inc


9325 N
10625 E
850 EL
SECTION PLANE
AZIMUTH = 90 °
S87R02
S87R03
10650E
10675E
10700E
10725E
10750E
10775E
850
825
800
775
750
725
700
675
650
625
CASE
OVER
MUQT
BSQT
QZIT
BIQT
AN/D
SBQT
QZ/V
DIOR
CBQT
163.06
S87R02
115.82
S87R03
ROCK DESCRIPTION
GOLD (PPB)
GOLD (OZ/TON)
SILVER (OZ/TON)
10625E
10800E
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
Plate 6g
The Valhalla Gold Group Corp.
HIGHLAND VALLEY RESOURCES PROJECT
CROSS SECTION S87R02-03
SCALE 1:500
LYNX Geosystems Inc



9250 N
10700 E
850 EL
SECTION PLANE
AZIMUTH = 90 °
S87R05
S88R08
S87R06
850
825
800
775
750
725
700
675
10700E
10725E
10750E
10775E
10800E
10825E
10850E
10875E
10900E
10925E
ROCK DESCRIPTION
GOLD (PPB)
GOLD (OZ/TON)
SILVER (OZ/TON)
112.76 S87R05
109.73 S88R08
121.92 S87R06
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
Plate 6h
The Valhalla Gold Group Corp.
HIGHLAND VALLEY RESOURCES PROJECT
CROSS SECTION S87R05-06 & S88R08
SCALE 1:500
0 10 20 30 40 50 M
LYNX Geosystems Inc

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,779

Plate 6i

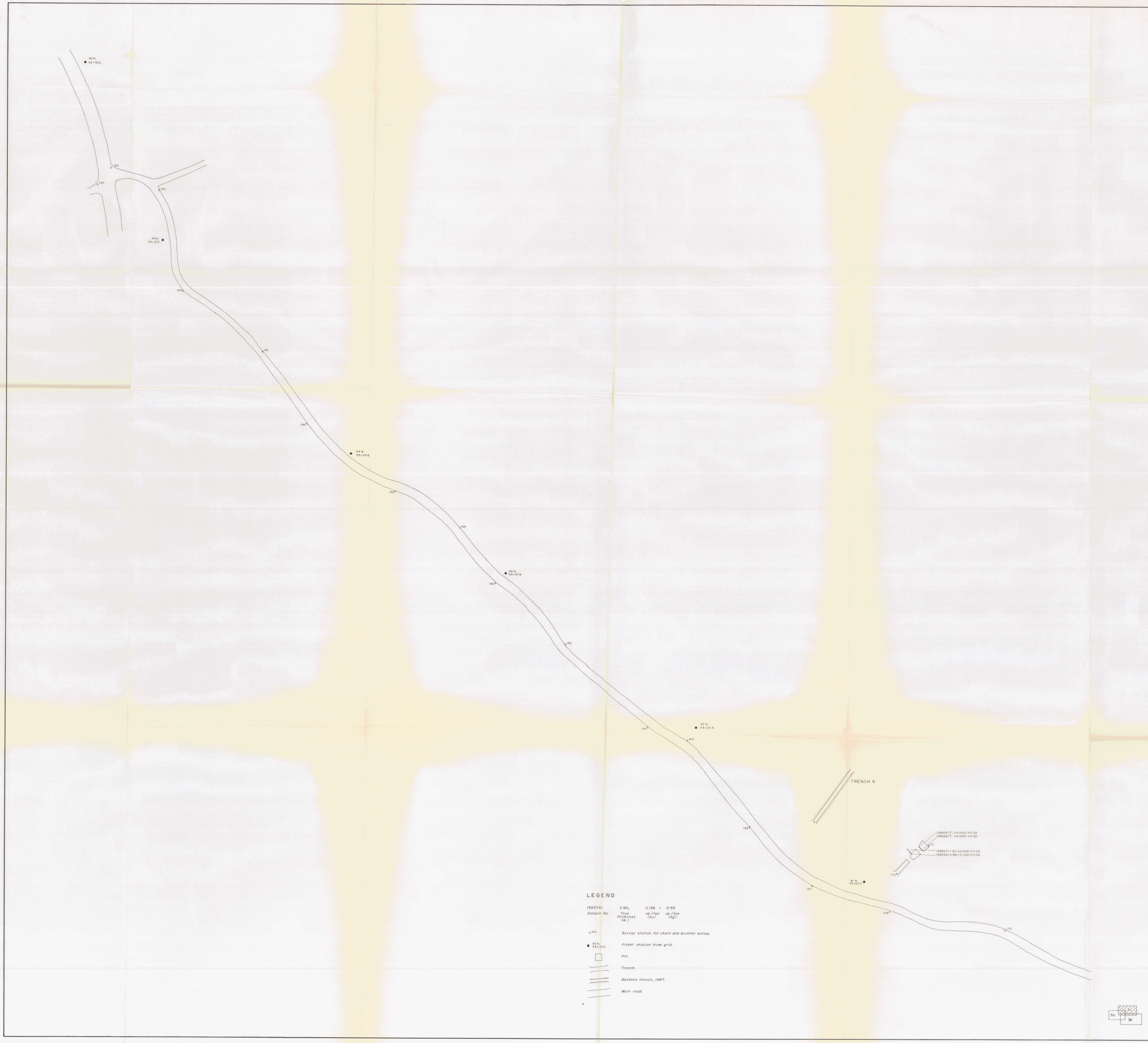
The Valhalla Gold Group Corp.

HIGHLAND VALLEY RESOURCES PROJECT
CROSS SECTION S88R09 & S88R10

SCALE 1:500
0 10 20 30 40 50 M

LYNX Geosystems Inc

OLIVER GOLD CORP.
HVR
HAIRSPRING
(L.2056)
STEMSET Fr.
(L.215)
GUNSITE
(L.255)
WYNNE M.
(L.554)
STEMWINDER
(L.384)
BROWN BEAR
(L.385)
PROPOSED BROWN BEAR DRIFTING
BEGINNING EARLY 1988 (1500 m)
HYDRO LINE
Headframe
Raise
Decline
B.C. TEL
BROWN BEAR PORTAL
CAWSTON ROAD
MINE SECTION REFERENCE LINE
DRILL HOLE INTERSECTIONS PROJECTED TO 757m ASL (BROWN BEAR ADIT/DRIFT LEVEL)
SURFACE/TRENCH SAMPLING
O.P.T. Au / opt Ag
METRE (TRUE WIDTH)
EARLY COMINCO DIAMOND DRILL HOLE
HIGHLAND VALLEY 1987-88 ROTARY R/C PERCUSSION DRILLING
0
50 m
1:1000
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
16779
10962-E140
HIGHLAND VALLEY RESOURCES Ltd.
STEMWINDER PROJECT - OLIVER, B.C.
-DRILL HOLE LOCATION PLAN
-SURFACE CHANNEL SAMPLING
ASARCO CROWN GRANTS.
Drawn by:
Date: Feb. 1988
Scale: 1:1000
Plate: 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779

HIGHLAND VALLEY RESOURCES Ltd.

STEMWINDER PROJECT - OLIVER, B.C.

1987
ROCK SAMPLING OF AREA
NORTH OF STEMWINDER SHAFT

0 10 20 40 m.

Drawn by: D.T.M.	Date: Feb. 1988	Scale: 1:500	Plate: 3c

(63077) 0.98 0.008/0.26 - Sample No. True thickness in metres Oz/Ton Au / Oz/Ton Ag

0 10 20 30 40 50 metres

HIGHLAND VALLEY RESOURCES Ltd.			
SUSIE PROJECT - OLIVER, B.C.			
SURFACE & UNDERGROUND Au /Ag ASSAY PLAN			
B. Emberley	Date: Jan 12, 1988	Scale: 1:500	Plate: 4

GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779

LEGEND

83-8	Diamond drill hole 1982-84 (Cominco).
F87DH-3	Diamond drill hole 1987 (Oliver Gold Corporation). - U.G. = Underground. - R = Rotary.
3 Level (1011.3m)	Portal (Back elevation of first timber set).
	Underground development.
	Raise opening to surface.
	Trench.
10,080	Mine section line.
100 N. 47 E.	Grid picket (1986).
	Crown Grant post, perimeter line (approx. location).
950	Topographic contour (10 m. contour intervals).
	Road.
*	Surface trench/Pit/Outcrop.
0·101 / 1·49 over 1·35	oz./ton Au / oz./ton Ag over Metres (true thickness)

0 10 25 50 100 metres

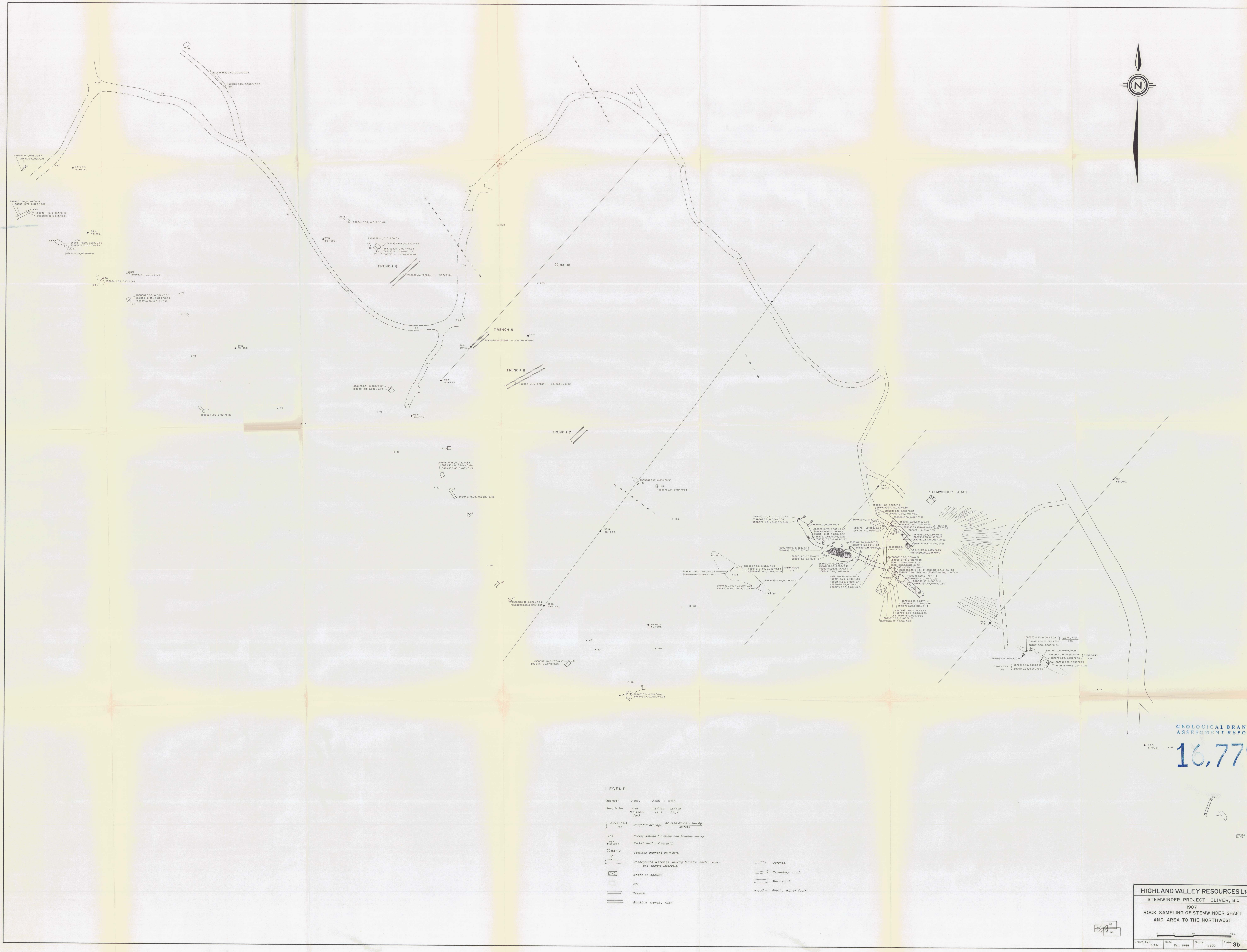
OLIVER GOLD CORPORATION

FAIRVIEW PROPERTY – OLIVER, B.C.

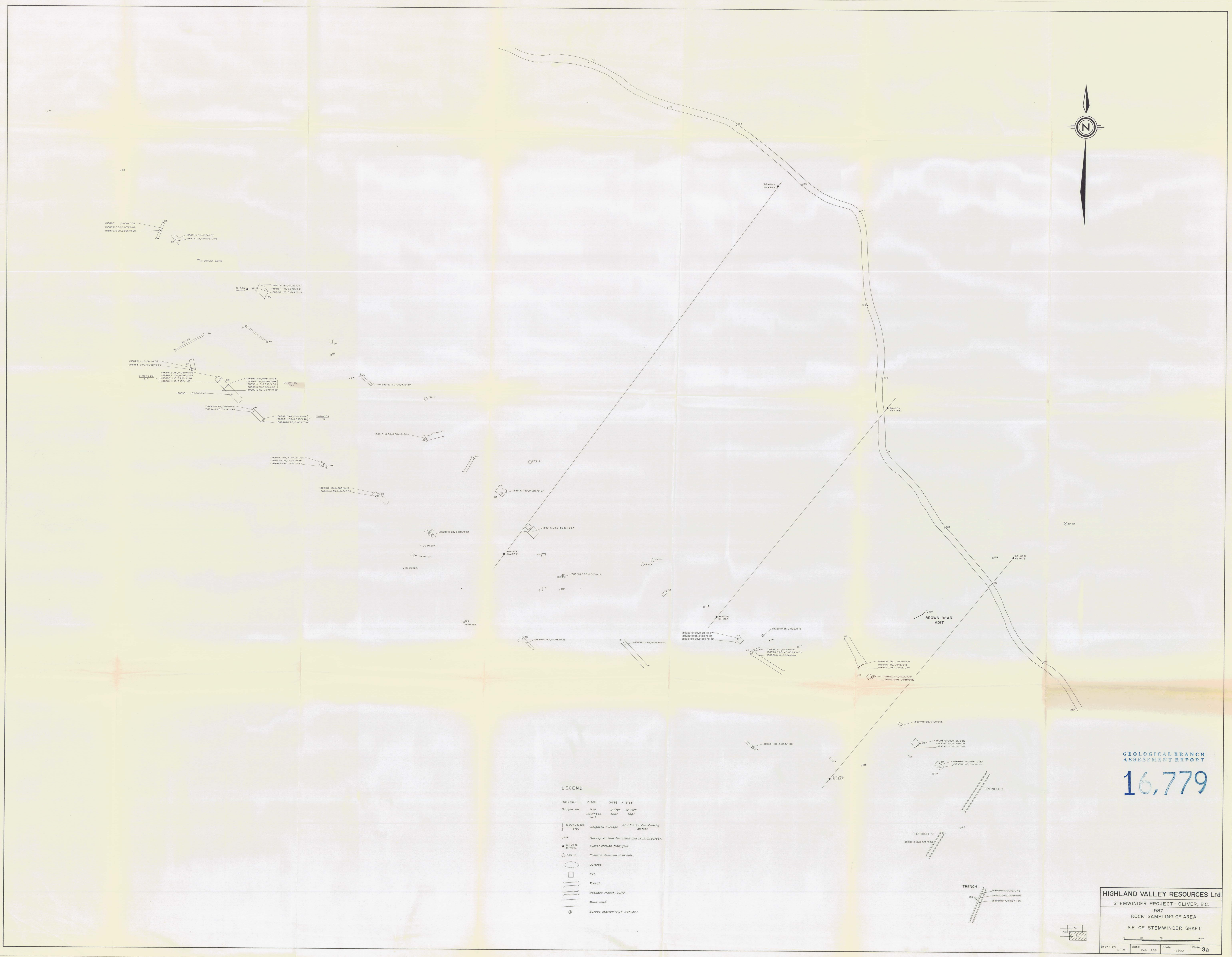
COMPILATION

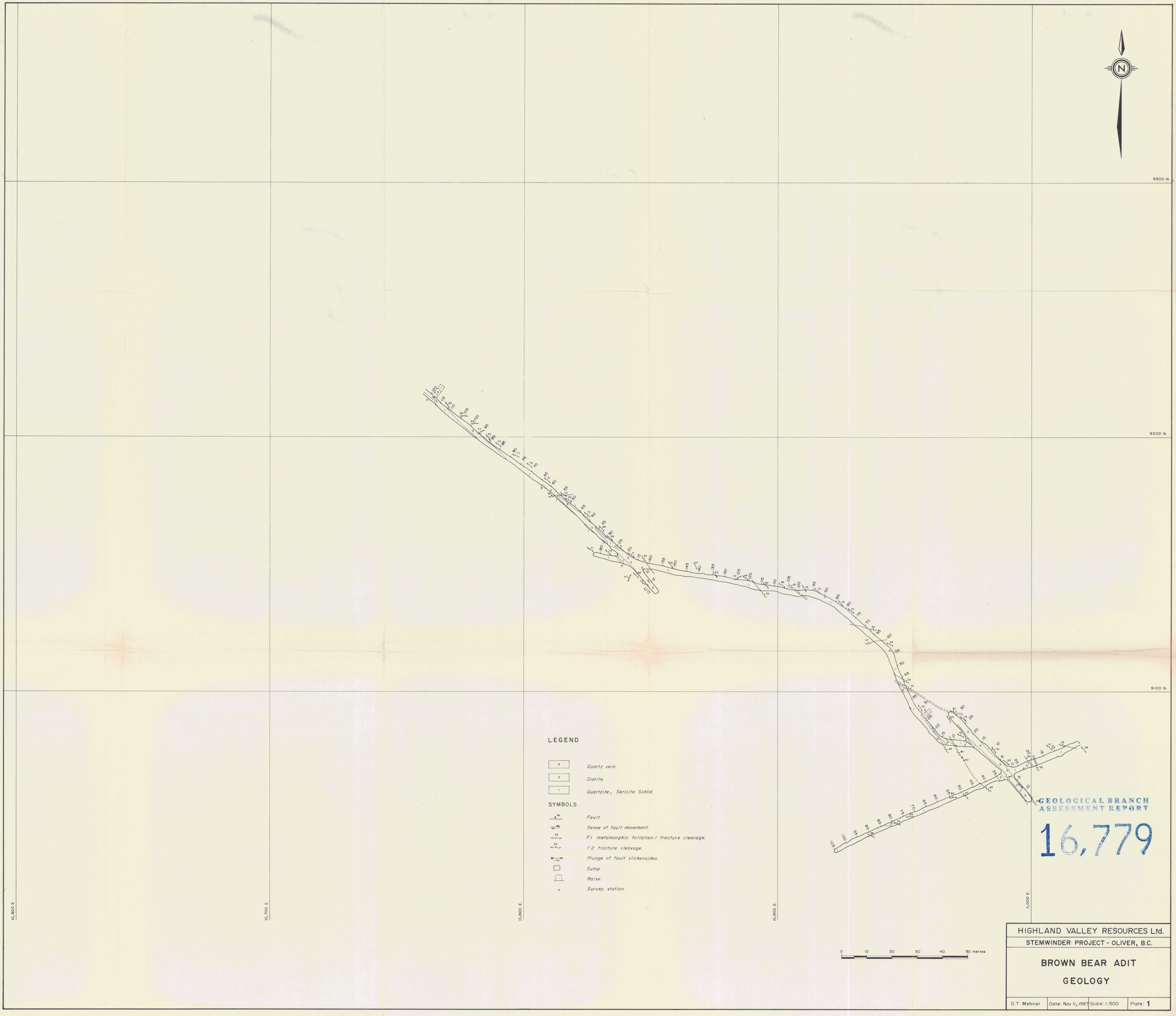
D.T.M. / F.J.F.	Date: Sept. 22, 1987	Scale: 1:1000	Plate: 5a


HAIRSPRING
(L. 2056)
STEMSET Fr.
(L. 215)
GUNSITE
(L. 255)
WYNNE M.
(L. 554)
TENAS
(L. 650)
STEMWINDER
(L. 384)
BROWN BEAR
(L. 385)
B.C. TEL.
CAWSTON ROAD
MINE SECTION REFERENCE LINE
Stemwinder Headframe
Raise
Stemwinder Decline
BROWN BEAR PORTAL
LEGEND
Surface trench/Pit/Outcrop.
0·10 / 1·49
1·35
oz./ton Au / oz./ton Ag
Metres (true thickness)
87+00 N.
53+75 E.
88+00 N
52+75 E
88+00 N
52+50 E
87+00 N
52+75 E
91+00 N
51+50 E
93+00 N
51+50 E
FB2-7 (-62.5°, 117.04m)
FB2-9 (-55.5°, 141.73m)
FB2-8 (-59°, 85.04m)
FB2-10 (-55°, 86.26m)
FB2-11 (-65.5°, 122.83m)
S88R-05
S88R-06
S88R-07
S88R-09
S88R-10
S88R-11
S87R-01
S87R-02
S87R-03
S87R-04
S87R-05
S87R-06
S88R-08
SW-1
SW-2
SW-3
SW-4
SW-5
SW-6
83-1
83-2
83-3
83-4
83-6
83-7
83-9
83-10
83-11
84-2
84-3
84-4
770
790
820
840
850
760
10,000 N.
9750 N.
9500 N.
9250 N.
9000 N.
11,000 E.
11,250 E.
10,750 E.
10,500 E.
10,250 E.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
HIGHLAND VALLEY RESOURCES Ltd.
STEMWINDER PROJECT - OLIVER, B.C.
COMPILATION
Drawn by:
Date: Feb. 1988
Scale: 1:1000
Plate: 5b

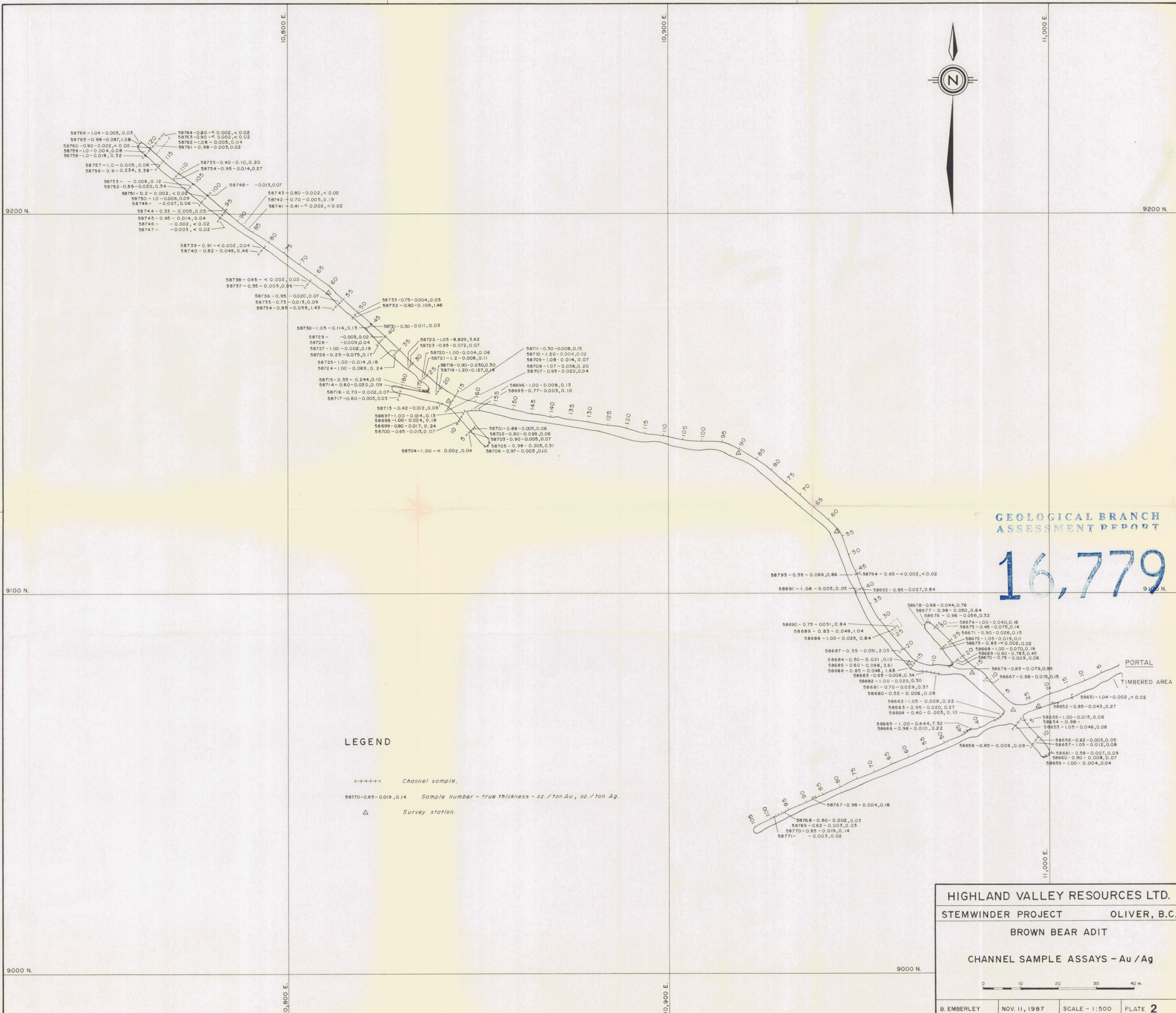


GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779


N
BROWN BEAR ADIT
TRENCH 1
TRENCH 2
TRENCH 3
LEGEND
(58794) 0·90, 0·136 / 2·55
Sample No. true thickness (m.) oz./ton (Au) oz./ton (Ag)
0·274/5·64 / 1·95 Weighted average oz./ton Au / oz./ton Ag / metres
x 134 Survey station for chain and brunton survey.
93+00 N. 51+00 E. Picket station from grid.
F83-10 Cominco diamond drill hole.
Outcrop.
Pit.
Trench.
Backhoe trench, 1987.
Main road.
Survey station (FJF Survey)
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
3c
3b
3a
HIGHLAND VALLEY RESOURCES Ltd.
STEMWINDER PROJECT - OLIVER, B.C.
1987
ROCK SAMPLING OF AREA
S.E. OF STEMWINDER SHAFT
0 10 20 40m.
Drawn by: D.T.M.
Date: Feb. 1988
Scale: 1:500
Plate: 3a



N
9300 N.
9200 N.
9100 N.
10,600 E.
10,700 E.
10,800 E.
10,900 E.
11,000 E.
LEGEND
3 Quartz vein.
2 Diorite.
1 Quartzite, Sericite Schist.
SYMBOLS
Fault.
Sense of fault movement.
F1 metamorphic foliation / fracture cleavage.
F2 fracture cleavage.
Plunge of fault slickensides.
Sump.
Raise.
Survey station.
0 10 20 30 40 50 metres
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
HIGHLAND VALLEY RESOURCES Ltd.
STEMWINDER PROJECT - OLIVER, B.C.
BROWN BEAR ADIT
GEOLOGY
D.T. Mehner
Date: Nov 11, 1987
Scale: 1:500
Plate: 1


10,800 E.
10,900 E.
11,000 E.
9200 N.
9100 N.
9000 N.
N
58766-1.04-0.003, 0.03
58765-0.98-0.087,1.08
58760-0.90-0.002,< 0.02
58759-1.0-0.004,0.08
58758-1.0-0.018, 0.32
58764-0.80-< 0.002,< 0.02
58763-0.90-< 0.002,< 0.02
58762-1.08-0.003,0.04
58761-0.98-0.003,0.02
58757-1.0-0.005,0.08
58756-0.9-0.234, 3.38
58755-0.40-0.10,0.20
58754-0.95-0.014,0.27
58753- -0.006,0.12
58752-0.55-0.020,0.34
58748- -0.013,0.07
58751-0.2-0.002,< 0.02
58750-1.0-0.006,0.09
58749- -0.007,0.06
58743-0.80-0.002,< 0.02
58742-0.70-0.005,0.19
58741-0.41-< 0.002,< 0.02
58744-0.33-0.005,0.05
58745-0.95-0.014,0.04
58746- -0.002,< 0.02
58747- -0.003,< 0.02
58739-0.91-< 0.002,0.04
58740-0.82-0.049,0.46
58738-045-< 0.002, 0.02
58737-0.35-0.005,0.06
58736-0.95-0.020,0.07
58735-0.73-0.013,0.09
58734-0.85-0.055,1.43
58733-0.75-0.004,0.03
58732-0.90-0.109,1.46
58730-1.05-0.114,0.13
58731-0.30-0.011,0.03
58729- -0.003,0.02
58728- -0.009,0.04
58727-1.00-0.002,0.19
58726-0.25-0.075,0.17
58725-1.00-0.014,0.18
58724-1.00-0.069,0.24
58722-1.05-8.829,3.62
58723-0.95-0.072,0.07
58720-1.00-0.004,0.06
58721-1.2-0.008,0.11
58718-0.90-0.030,0.30
58719-1.20-0.127,0.19
58711-0.30-0.008,0.15
58710-1.20-0.004,0.02
58709-1.08-0.014,0.07
58708-1.07-0.038,0.20
58707-0.95-0.020,0.04
58715-0.35-0.244,0.10
58714-0.60-0.020,0.09
58716-0.70-0.002,0.07
58717-0.80-0.003,0.03
58696-1.00-0.008,0.13
58695-0.77-0.003,0.10
58713-0.42-0.012,0.06
58697-1.00-0.014,0.13
58698-1.00-0.024,0.18
58699-0.80-0.017,0.24
58700-0.65-0.013,0.07
58701-0.88-0.005,0.06
58702-0.60-0.026,0.06
58703-0.90-0.005,0.07
58705-0.98-0.205,0.31
58704-1.00-< 0.002,0.04
58706-0.97-0.003,0.10
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,779
58793-0.35-0.069,0.86
58794-0.65-<0.002,<0.02
58691-1.08-0.003,0.05
58692-0.85-0.027,0.84
58678-0.68-0.044,0.76
58677-0.98-0.050,0.64
58676-0.98-0.056,0.32
58690-0.75-0.031,0.84
58689-0.83-0.049,1.04
58688-1.00-0.025, 0.84
58674-1.00-0.040,0.16
58675-0.45-0.075,0.14
58671-0.90-0.026,0.15
58672-1.05-0.019,0.11
58673-0.85-<0.002,0.02
58668-1.00-0.070,0.19
58669-0.90-0.783,0.45
58670-0.75-0.009,0.06
58687-0.55-0.051,2.03
58684-0.50-0.021,0.12
58685-0.60-0.088,3.61
58686-0.85-0.048,1.68
58683-0.65-0.008,0.34
58682-1.00-0.029,0.30
58681-0.70-0.029,0.37
58680-0.52-0.006,0.08
58679-0.85-0.079,0.89
58667-0.58-0.015,0.15
PORTAL
TIMBERED AREA
58651-1.04-0.002,< 0.02
58652-0.85-0.043,0.27
58662-1.05-0.008,0.22
58663-0.95-0.020,0.27
58664-0.40-0.005,0.10
58665-1.00-0.444,7.52
58666-0.98-0.010,0.22
58655-1.00-0.015,0.06
58654-0.98-
58653-1.05-0.046,0.08
58656-0.62-0.003,0.05
58657-1.05-0.012,0.08
58658-0.85-0.006,0.08
58661-0.58-0.007,0.09
58660-0.60-0.008,0.07
58659-1.00-0.004,0.04
58767-0.98-0.004,0.18
58768-0.60-0.002,0.03
58769-0.62-0.003,0.03
58770-0.65-0.019,0.14
58771- -0.003,0.02
LEGEND
Channel sample.
58770-0.65-0.019,0.14 Sample number - true thickness - oz./ton Au, oz./ton Ag.
Survey station.
HIGHLAND VALLEY RESOURCES LTD.
STEMWINDER PROJECT OLIVER, B.C.
BROWN BEAR ADIT
CHANNEL SAMPLE ASSAYS - Au / Ag
0 10 20 30 40 m.
B. EMBERLEY
NOV. 11, 1987
SCALE - 1:500
PLATE 2