87-405 - 15939

ASSESSMENT REPORT

on the

VILLALTA PROPERTY
in the
Nanaimo Mining Division
Latitude 49°08'24"Longitude 124°28'30"
NTS Map# 92F/1W

for

Owner/Operator: CANAMIN RESOURCES LTD.
#220-145 Chadwick Court
North Vancouver, B.C. V7M 3K1

by

T.E. Lisle P. Eng
(T.E. Lisle & Associates)
S.P. Quin B. Sc. ARSM
Southern Gold Resources Ltd.

25 June 1987

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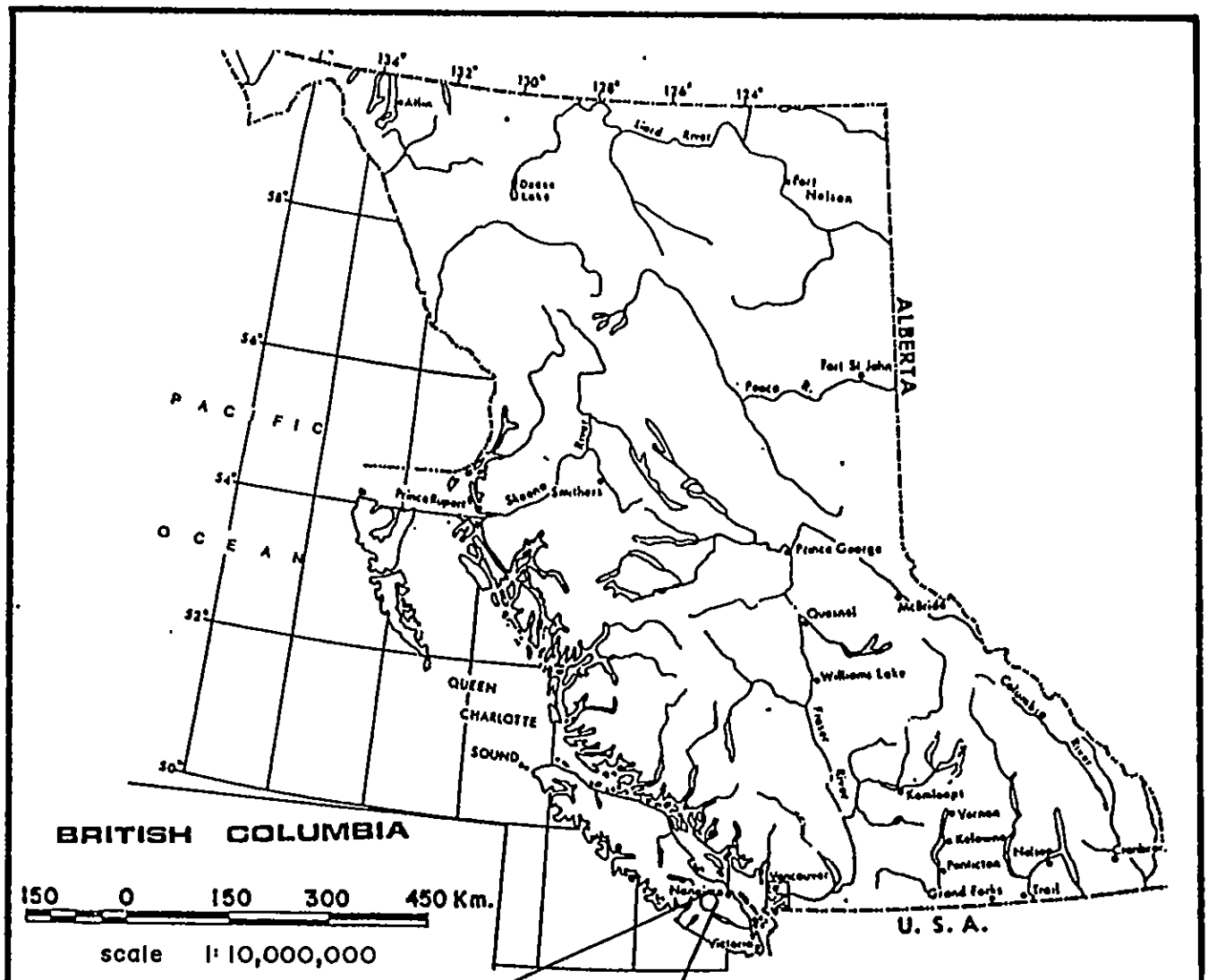


CANAMIN RESOURCES LTD.

VILLALTA PROJECT

LOCATION MAP

GEOLOGIST: S.P QUIN/T.LISLE	BASED ON: SURVEY 1987	
SCALE:		
DRAWN BY:	DATE: JUNE 1987	FIGURE: 1

1. Introduction.

Between May 3 and June 18, 1987. the authors supervised a drilling program on the Villalta mineral claims, Nanaimo Mining Division, for CanaMin Resources Limited. T. Lisle supervised the drilling from 3 May to 10 June 1987 and S. Quin from 10 June to 18 June 1987.

The object of the drilling program was twofold:

a) To outline the size, shape and grade of gold contained in the south exposed end of a hematite horizon and,

b) To investigate the trace of hematite zone beneath the Nanaimo Group sedimentary rocks to the north.

2. Property

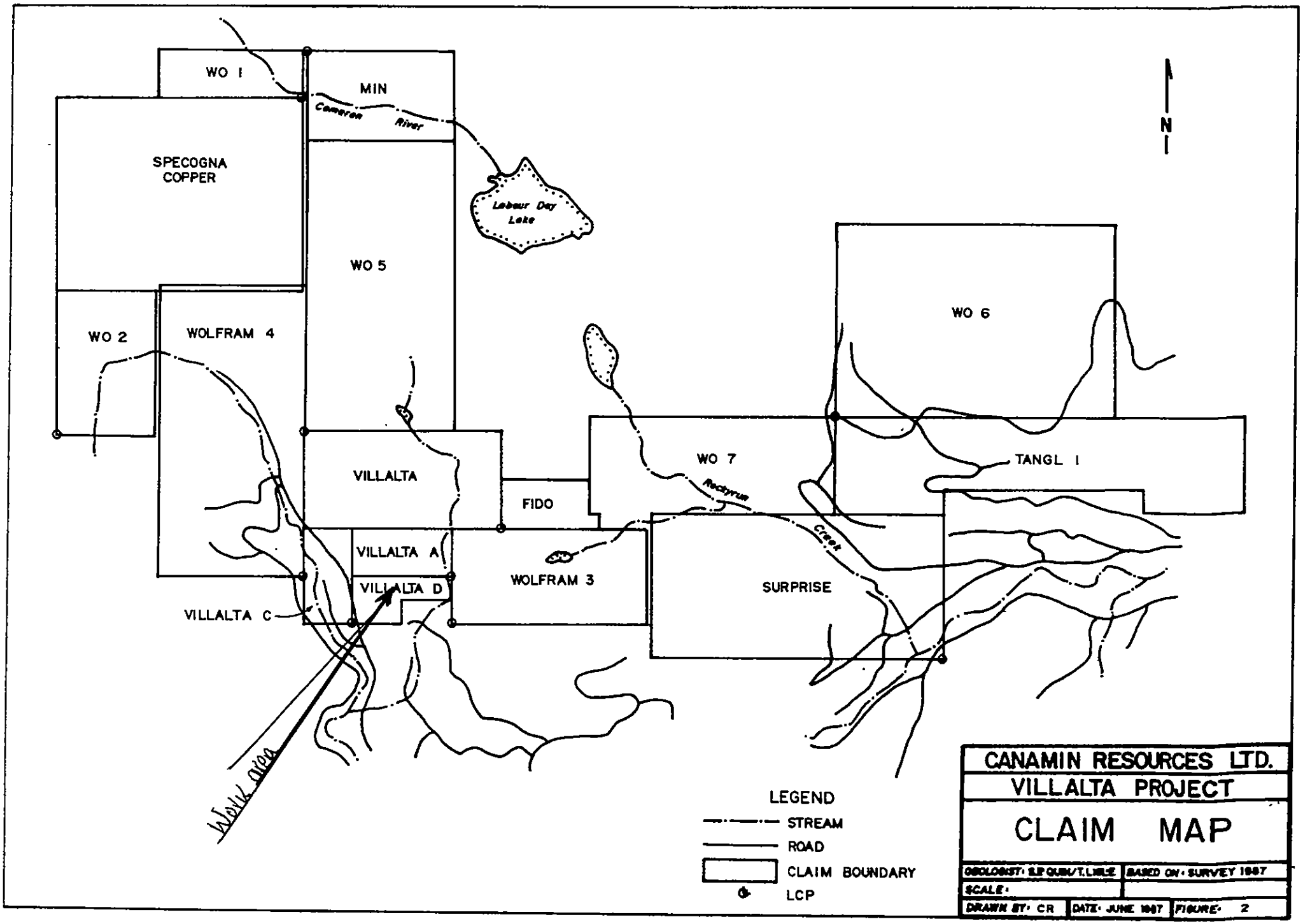
As presently constituted, the property comprises 16 modified grid claims aggregating 159 units as follows.

Claim	Record.	Units	Group	Anniversary
Min.	627 (5)	6	Waterfall	May. 30/95
Specogna Cu.	557 (3)	20	Waterfall	Mar. 17/95
WO 1	626 (5)	3	Waterfall	May. 30/95
WO 2	558 (3)	6	Waterfall	Mar. 17/95
Wolfram 3	344 (3)	8	Tangle	Mar. 9/95
Wolfram 4	1673 (3)	18	Waterfall	Mar. 28/95
WO 5	501 (12)	18	Waterfall	Dec. 31/87
WO 6	499 (12)	20	Tangle	Dec. 31/87
WO 7	500 (12)	10	Tangle	Dec. 31/87
Villalta	105 (9)	8	Waterfall	Sept. 15/87
Villalta A	104 (9)	2	Watterfall	Sept. 15/87
Villalta C	133 (1)	2	Tangle	Jan. 10/95
Villalta D	134 (1)	2	Tangle	Jan. 10/95
Fido	889 (6)	2	Tangle	Jun. 1/95
Tangl 1	786 (2)	16	Tangle	Feb. 25/95
Surprise	1058 (12)	18	Tangle	Dec. 29/87

See Figure 1

3. Location and Access.

The Villalta gold prospect is located about 48 kilometers by road west of Nanaimo on southern Vancouver Island; Latitude 49°06', Longitude 124°28"; NTS 92F/1W. The property is accessed by paved road along the Nanaimo River, then by about five kilometers of logging road to the northwest of Fourth Lake. (see Figure 1.)


WO 1
MIN
Cameron River
SPECOGNA COPPER
Labour Day Lake
WO 5
WO 2
WOLFRAM 4
WO 6
VILLALTA
FIDO
WO 7
TANGL 1
Rockyrun Creek
VILLALTA A
VILLALTA D
VILLALTA C
WOLFRAM 3
SURPRISE
Work area
N
LEGEND
STREAM
ROAD
CLAIM BOUNDARY
LCP
CANAMIN RESOURCES LTD.
VILLALTA PROJECT
CLAIM MAP
GEOLOGIST: S.P.QUIN/T.LIRLE
BASED ON: SURVEY 1987
SCALE:
DRAWN BY: CR
DATE: JUNE 1987
FIGURE: 2

4. Background

The Villalta prospect was staked by E. Specogna in 1976. It was optioned to Asarco in 1982 and subsequently to Falconbridge in 1984. Much of the geological, geochemical and geophysical data relative to the prospect was aquired during this period. Drill testing was also completed as follows:

1979	E. Specogna.	1 Winkie hole.	
1980	Canamin Resources.	6 NQ holes.	398.4 metres.
1981	Canamin Resources.	15 NQ holes.	2,008.2 metres.
1984*	Falconbridge.	4 NQ-BQ holes.	666.1 metres.
1986	Canamin Resources.	9 Winkie holes.	51.3 metres.
		35	3,124.0 metres.

* Three drill holes were completed in other areas of claims.

The results of preliminary test metallurgical work carried out between 1984 and 1986 are as follows.

a) 78% of gold could be recovered from ½ inch sized material; and 65% recovered from 1 inch sized material by cyanide leaching.

b) Gravity concentration yielded poor results. (Bacon Donaldson).

c) There is a free gold component to some of the hematitic mineralization, and refractory sulphide made for locally poor recovery. (Coastech).

d) Best gold recovery in the 80% range was obtained by conventional milling-cyanidation. (Lakefield Research).

At the exposed south end of the hematite zone, drilling suggested a poorly defined reserve in the order of 30,000 to 35,000 short tons grading 0.126 opt gold in a near surface zone averaging 7.3 metres in thickness. (Carter, 1986). Better definition of the reserve and further metallurgical testing on bulk samples was recommended.

5. Geology.

The Villalta prospect occurs near a small exposure of Buttle Lake limestone close to a contact with volcanic and related sedimentary rocks of the Paleozoic Sicker Myra formation. The limestone is crinoidal and is marked by numerous sink holes. The presence of thin andesitic and tuffaceous horizons above the limestone similar to the underlying Myra rocks suggests contemporaneous deposition of carbonate and volcanic units.

Attention to the area was drawn to a hematite 'Iron formation' lying above the limestone and close to an unconformity with the overlying Cretaceous Nanaimo sedimentary group. The hematite layer is thought to have originated in or adjacent to a mafic volcanic centre. Only a small area at its south end is exposed, however its trace through drilling and geochemistry appears to be generally north-northeast. (Figure 2).

6. Mineralization

Two types of mineralization have been encountered and partly investigated:

a) Massive fine to coarse grained pyrite with pyrrhotite and lesser sphalerite, chalcopyrite and galena is evident in steeply dipping discontinuous veins, and as crudely banded conformable lenses in the limestone near the iron formation. These occurrences locally carry important amounts of gold, silver, copper and zinc and tungsten, however they have not attracted detailed exploration.

b) Because of the contained gold and potential size, the Iron formation has received much of the past attention. Belik reports the formation includes a variety of lithological types that form a gradational series from carbonate-rich facies at the base, to a basic to ultrabasic tuff facies at the top. Massive hematite occurs near the middle of the unit interlaminated with basic and calcareous basic tuff. In some areas the gold appears evenly distributed, in other areas better grades occur near the base and may relate to drilling angles relative to the formation. Some of the gold is indicated to be in native form.

Banding in the iron formation in drill holes 80 V2, V3, and V6 over a strike length of about 160 metres is in the order of ±30° to core axis. These holes appear to mark and eastern limit to the hematitic horizon, and areas of alteration, brecciation and shear and fault zones noted in drill holes further to the east may be part of a vent system at or close to the volcanic centre.

If the Iron formation was laid down on a paleoslope close to a volcanic centre; the nature of the surface (karsted limestone), and subsequent deformation would be significant features relative to its present distribution. In view of the apparent dip of the unit, the trace at depth may hold further potential that should be investigated.

7. *1987 Work Program.*

In the 1987 program, forty-one short holes varying from 6.40 to 29.26 metres were completed over the south end of the hematite horizon. A longyear S-38 machine was used and HQ core recovered. Total drilling aggregated 648.60m (2127 feet) of which 581.45m were HQ core size and 67.15m were NQ.

Six holes varying from 54 metres to 96.6 metres were completed in the area further to the north. Total drilling aggregated 393.8 metres (1,292 feet), and NQ core was recovered.

The core from zones of interest were either sawed or split with conventional splitter for assay. A total of 445 core samples were sent for assay. All core samples were analysed for gold and silver by fire assay methods and also for 30 elements by the Induced Coupled Plamsa (ICP) method. Some were checked for free gold by fire assay. All work was conducted by Acme Analytical Laboratories of Vancouver, B.C. A summary of the assay results is given in Appendix A, while the assay certificates are enclosed in Appendix B. The core was logged, and is stored in a core rack that was constructed in the area adjacent to the drilled area.

8. Program Results.

The hematite layer is associated with a green tuff-breccia above the Buttle Lake Limestone. The breccia commonly contains clasts of silicified linestone. In places this unit separates the hematite from the overlying Nanaimo Group conglomerate. In one area, the hematite has been eroded and is in direct contact with the conglomerate.

The hematite varies from black specular to earthy red in masses up to a few metres thick, or as breccia clasts up to 30 cm. in diameter in the surrounding tuff. The near surface material is commonly pitted, weathered and limonitic.

The southern exposure is marked by a strong northwest trend however the drill indicated trend along strike is about 030°.

The drilling program has shown a marked change in the geology of the southern exposure from that to the north. In the vicinity of drill hole 87-V-41 and 42, the limestone has been altered to a white marble, and a number of stringer type alteration and fracture zones, locally with hematite and scattered concentrations of pyritic sulphide, are evident.

At the southern exposure, both crinoidal and fine-grained limestone, and lesser amounts of dark grey rock (argillite ?) have been silicified, subsequently brecciated, and incorporated into highly altered siliceous breccias that underlie the hematite. A number of dark green andesitic? dykes with silicified limestone clasts, and a small intercept of altered feldspar porphyry are also evident.

A larage cut near drill hole 87-V-5 shows a distinct vertical 315° trend to limestone, chert, and the green dyke breccias beneath the relatively flat lying hematite layer at surface. Sink holes approximately 75 metres to the southeast along trend show silicified limestone clasts and dark grey chert clasts in a greenish tuff?.

Because of the proximity to the Tertiary intrusions, it seems possible that the siliceous breccias are related to the intrusions, and their development along a northwest trend conincidentally may have changed the attitude of the existing hematite zone.

All assays received to date are recorded in the logs accompanying appendices to this report. An economic evaluation is not attempted as part of this report.

9. STATEMENT OF COSTS

DRILLING		
Mob/Demol	$1,800.00	
Casing 78ft @ $18/ft.	$1,424.00	
Drilling (3345ft.@$18.75/ft.)	$62,718.00	
Man Hours (46 hours)	$1,137.50	
Cat (82 Hours)	$5,297.50	
Travel time (76 hours)	$1,900.00	
Core bixes (212)	$1,590.00	
Supplies (Additives, bits)	$15,615.80	
	$91,482.80	
Less 1% discount	$914.83	
	$90,567.97	$90,567.97
ASSAYS		$11,796.25
FIELD SUPPLIES		$ 2,365.64
VEHICLE		$ 2,100.00
GEOLOGICAL SUPERVISION		
T. Lisle (38d @ $300/d)	$11,400.00	
T. Lisle (Living expenses)	$ 2,470.39	
S.P. Quin (19d @ $200/d)	$ 3,800.00	
Field Assistants (57 md @ $125/d)	$ 7,125.00	
Living Expenses	$ 4,397.93	
	$29,193.32	$29,193.32
		$136,023.18
REPORT, DRAFTING		4,000.00
	TOTAL	$140,023.18

S.P. QUIN 30 June 1987

10. References.

Carter, N.C.	Report on the Villalta Gold Property, Nanaimo Mining Division, B.C. July 2, 1986.
Belik, Gary,	Geological Report on the Villalta property, Nanaimo Mining Division, NTS 92 F 1 and 2 June 12, 1981
Fletcher, D.	Geology and Geochemistry of the Villalta Claim Group, Nanimo Mining Division, 92F/1W. Asarco Exploration Company of Canada Ltd. Nov. 15/82.
Chandler, T. Runkle, D.	Summary Report with drill logs, Falconbridge Ltd PN 091 - Labour Day Lake, NTS 92F 1 and 2 March, 1985
Bacon & Donaldson.	Table concentration of ore samples, File 6353, April/86.
Lakefield Research.	Cyanidation Test Result, Ref. 8626122, March 7, 1986
Coastech Research Inc.	Preliminary Column Leach Results, Feb. 18,1986
Lisle, T.	Report on the Villalta Prospect, Nanaimo Mining Division, B.C. April 23, 1987

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VILLALTA PROJECT: ASSAY RESULTS (SOUTH AREA)

DDH #	From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE	Block #
79-V-1			19.70	.180			18
80-V-2	2.00	35.98	33.98	.080	.23		29
80-V-3	26.99	39.98	12.99	.007	.25		3
86-V-1	0.00	23.00	23.00	.075			25
86-V-2	2.00	19.00	17.00	.175			24
86-V-3	1.00	6.00	5.00	.146			26
86-V-4	0.00	21.00	21.00	.125			21
86-V-5	0.00	21.50	21.50	.164			33
86-V-6	0.00	34.00	34.00	.125			31
86-V-8	0.00	27.00	27.00	.290			25
86-V-9	0.00	31.00	31.00	.061			29
87-V-1	1.00	13.20	12.20	.747	1.74	29.43	31
87-V-2	0.00	19.20	19.20	.045	.43	23.22	34
87-V-4	0.00	6.00	6.00	.047	.20	34.26	32
87-V-4A	0.00	6.00	6.00	.127	.12	36.31	32
87-V-5	2.00	19.00	17.00	.101	.14	30.22	33
87-V-5A	0.00	7.00	7.00	.082	.01	39.18	33
87-V-7	0.00	9.50	9.50	.016	.02	27.84	30
87-V-10	0.00	17.56	17.56	.265	2.12	26.00	26
87-V-11	0.00	27.60	27.60	.025	.16	34.24	28
87-V-12	4.00	36.10	32.10	.118	.26	38.63	25
87-V-13	0.00	15.00	15.00	.125	.71	33.14	24
87-V-15	0.00	27.80	27.80	.010	.10	25.91	27
87-V-17	0.00	6.00	6.00	.007	.24	35.80	23
87-V-18	0.00	11.60	11.60	.190	.47	27.23	22
87-V-19	4.00	14.50	10.50	.087	.05	22.85	19
87-V-23	0.00	4.00	4.00	.105	.03	10.28	NA
87-V-24	6.00	15.90	9.90	.037	.13	38.36	20
87-V-27	12.00	19.10	7.10	.009	.09	35.64	13
87-V-30	9.00	17.20	8.20	.162	.46	17.55	16
87-V-31	4.00	20.00	16.00	.274	.65	42.50	15
87-V-32	9.70	12.80	3.10	.228	.14	26.41	14
87-V-37	2.00	15.40	13.40	.005	.14	28.17	17
87-V-38	0.00	27.00	27.00	.017	.27	37.17	18
87-V-39	5.20	11.70	6.50	.060	.68	34.02	21
87-V-47	22.50	48.20	25.70	.163	.23	35.91	8
87-V-48	13.30	43.70	30.40	.064	.37	34.12	27
		Average	16.83	.119	.40	32.02	

(File: VILSUM4)

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VILLALTA PROJECT: ASSAY RESULTS (NORTH AREA)

DDH #	From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
80-V-6	165.97	189.91	23.94	.081	.05	
81-V-8	194.96	217.96	23.00	.090		
84-V-24	96.43	107.78	11.35	.038		
84-V-25	103.22	129.63	26.41	.001		
87-V-41	179.00	214.00	35.00	.060	.29	27.89
87-V-42	150.80	156.00	5.20	.028	.10	30.28
87-V-43	99.80	114.20	14.40	.011	.06	29.48
87-V-44	138.70	145.50	6.80	.002	.09	29.45
		Average	18.26	.047	.22	28.64

(File: VILSUM3)

CANAMIN RESOURCES LTD

VILLALTA-PROJECT:-ASSAY-RESULTS

DDH #	Sample #	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-1	8540	1.00	3.50	2.50	.30	1.07	.76	H	.675	2.05	29.46	1.00	13.20	12.20	.747	1.74	29.43
87-V-1	8541	3.50	6.00	2.50	1.07	1.83	.76	H	.592	1.07	29.29						
87-V-1	8542	6.00	9.28	3.28	1.83	2.83	1.00	H	1.644	2.66	23.09						
87-V-1	8543	9.28	13.20	3.92	2.83	4.02	1.20	H	.140	1.19	34.81						
87-V-1	8544	13.20	15.80	2.60	4.02	4.82	.79	C+B	.031	.51	9.06						
87-V-1	91501	15.80	18.00	2.20	4.82	5.49	.67	C+B	.001	.02	5.90						
87-V-1	91502	18.00	21.00	3.00	5.49	6.40	.91	C+B	.001	.04	6.27						
87-V-1	91523	21.00	24.28	3.28	6.40	7.40	1.00	C+B	.001	.69	25.57						
87-V-1	91524	24.28	27.56	3.28	7.40	8.40	1.00	C+B	.001	.53	22.96						
87-V-1	91525	27.56	31.30	3.74	8.40	9.54	1.14	C+B	.001	.38	18.46						
87-V-1	91503	31.30	35.00	3.70	9.54	10.67	1.13	C+B	.001	.29	8.57						
87-V-2	8545	0.00	6.00	6.00	.00	1.83	1.83	H	.005	.24	26.17	0.00	19.20	19.20	.045	.43	23.22
87-V-2	8546	6.00	9.00	3.00	1.83	2.74	.91	H	.027	.36	28.30						
87-V-2	91504	9.00	10.70	1.70	2.74	3.26	.52	C+H	.001	.01	9.40						
87-V-2	8547	10.70	11.20	.50	3.26	3.41	.15	T	.007	.06	32.63						
87-V-2	91505	11.20	16.20	5.00	3.41	4.94	1.52	C	.001	.03	16.70						
87-V-2	8548	16.20	19.20	3.00	4.94	5.85	.91	C	.248	1.86	29.39						
87-V-2	91506	19.20	22.00	2.80	5.85	6.71	.85	T	.001	.15	5.02						
87-V-2	91507	22.00	24.00	2.00	6.71	7.32	.61	T	.001	.07	5.77						
87-V-2	91508	24.00	26.40	2.40	7.32	8.05	.73	T	.001	.31	12.53						
87-V-2	91509	26.40	31.00	4.60	8.05	9.45	1.40	T+C	.001	.70	15.88						
87-V-2	91510	31.00	36.00	5.00	9.45	10.98	1.52	C	.001	.25	4.56						
87-V-2	91511	36.00	41.30	5.30	10.98	12.59	1.62	C	.001	.17	7.28						
87-V-3	91526	0.00	6.00	6.00	.00	1.83	1.83	CB	.001	.14	5.89						
87-V-3	91527	6.00	9.28	3.28	1.83	2.83	1.00	CB	.001	.27	7.55						
87-V-3	91528	9.28	12.56	3.28	2.83	3.83	1.00	CB	.001	.46	5.17						
87-V-3	91529	12.56	15.84	3.28	3.83	4.83	1.00	CB	.001	.33	3.91						
87-V-3	91530	15.84	19.12	3.28	4.83	5.83	1.00	CB	.001	.14	3.60						
87-V-4	8549	0.00	6.00	6.00	.00	1.83	1.83	H+T	.047	.20	34.26	0.00	6.00	6.00	.047	.20	34.26
87-V-4	91531	6.00	9.00	3.00	1.83	2.74	.91	T	.008	.17	30.36						
87-V-4	91532	9.00	12.00	3.00	2.74	3.66	.91	T	.004	.23	28.10						
87-V-4	91533	12.00	15.28	3.28	3.66	4.66	1.00	C	.002	.05	5.32						
87-V-4	91534	15.28	18.56	3.28	4.66	5.66	1.00	C	.001	.01	4.64						
87-V-4	91535	18.56	21.84	3.28	5.66	6.66	1.00	C	.001	.02	3.38						
87-V-4	91536	21.84	25.12	3.28	6.66	7.66	1.00	CB	.001	.02	6.88						
87-V-4	91537	25.12	28.40	3.28	7.66	8.66	1.00	CB	.044	.17	8.33						
87-V-4	91538	28.40	32.40	4.00	8.66	9.88	1.22	CB	.016	.54	12.84						
87-V-4	91539	41.00	46.00	5.00	12.50	14.02	1.52	C+CB	.002	.21	5.63						
87-V-4A	8550	0.00	3.50	3.50	.00	1.07	1.07	H	.212	.19	39.82	0.00	6.00	6.00	.127	.12	36.31
87-V-4A	8551	3.50	6.00	2.50	1.07	1.83	.76	H	.008	.01	31.39						
87-V-5	8554	0.00	2.00	2.00	.00	.61	.61	T	.002	.01	28.10						
87-V-5	8564	2.00	6.00	4.00	.61	1.83	1.22	T	.167	.04	33.30	2.00	19.00	17.00	.101	.14	30.22
87-V-5	8555	6.00	7.00	1.00	1.83	2.13	.30	T	.011	.04	37.63						
87-V-5	8556	7.00	10.70	3.70	2.13	3.26	1.13	T	.097	.11	36.94						
87-V-5	8557	10.70	14.40	3.70	3.26	4.39	1.13	T	.122	.16	38.62						
87-V-5	8558	14.40	16.50	2.10	4.39	5.03	.64	T	.024	.16	17.99						

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VILLALTA PROJECT: ASSAY RESULTS

DDH #	Sample #	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-5	91540	16.50	19.00	2.50	5.03	5.79	.76	C	.068	.33	10.20						
87-V-5	91541	19.00	22.80	3.80	5.79	6.95	1.16	C	.001	.02	7.16						
87-V-5	91542	22.80	26.00	3.20	6.95	7.93	.98	C	.001	.01	7.72						
87-V-5	91543	26.00	30.00	4.00	7.93	9.15	1.22	C	.002	.03	5.73						
87-V-5A	8552	0.00	3.50	3.50	.00	1.07	1.07	TB+H	.128	.01	37.26	0.00	7.00	7.00	.082	.01	39.18
87-V-5A	8553	3.50	7.00	3.50	1.07	2.13	1.07	TB+H	.036	.01	41.09						
87-V-6	8559	0.00	3.00	3.00	.00	.91	.91	CB+C	.004	.04	4.43						
87-V-6	8560	3.00	6.00	3.00	.91	1.83	.91	CB+C	.002	.05	3.55						
87-V-6	91512	6.00	9.28	3.28	1.83	2.83	1.00	CB+C	.001	.07	2.20						
87-V-6	91513	9.28	12.56	3.28	2.83	3.83	1.00	CB+C	.001	.08	1.25						
87-V-6	91514	12.56	15.84	3.28	3.83	4.83	1.00	CB+C	.002	.13	4.75						
87-V-6	91515	15.84	19.12	3.28	4.83	5.83	1.00	CB+C	.001	.07	10.57						
87-V-6	91516	19.12	22.40	3.28	5.83	6.83	1.00	CB+C	.001	.02	3.60						
87-V-6	91517	22.40	25.68	3.28	6.83	7.83	1.00	CB+C	.001	.05	8.51						
87-V-6	91518	25.68	28.96	3.28	7.83	8.83	1.00	CB+C	.001	.11	6.46						
87-V-6	91519	28.96	32.24	3.28	8.83	9.83	1.00	CB+C	.001	.11	6.79						
87-V-6	91520	32.24	35.52	3.28	9.83	10.83	1.00	CB+C	.001	.08	8.21						
87-V-6	91521	35.52	38.80	3.28	10.83	11.83	1.00	CB+C	.001	.13	7.00						
87-V-6	91522	38.80	41.00	2.20	11.83	12.50	.67	CB+C	.001	.06	4.71						
87-V-7	8561	0.00	3.50	3.50	.00	1.07	1.07	TB	.043	.01	12.57	0.00	9.50	9.50	.016	.02	27.84
87-V-7	8562	3.50	5.00	1.50	1.07	1.52	.46	TB	.001	.03	28.94						
87-V-7	8563	5.00	9.50	4.50	1.52	2.90	1.37	H	.001	.02	39.36						
87-V-7	91544	9.50	12.00	2.50	2.90	3.66	.76	TB	.003	.04	26.98						
87-V-7	91545	12.00	15.00	3.00	3.66	4.57	.91	TB	.047	.23	30.58						
87-V-7	8633	15.00	19.20	4.20	4.57	5.85	1.28	C+PY	.007	.27	29.50						
87-V-7	91546	19.20	22.48	3.28	5.85	6.85	1.00	CB	.002	.07	10.92						
87-V-7	91547	22.48	25.76	3.28	6.85	7.85	1.00	CB	.004	.27	9.99						
87-V-7	91548	25.76	29.04	3.28	7.85	8.85	1.00	CB	.011	.23	9.60						
87-V-7	91549	29.04	34.01	4.97	8.85	10.37	1.52	CB	.010	.12	4.13						
87-V-8	8501	0.00	4.00	4.00	.00	1.22	1.22	CB	.004	.22	12.65						
87-V-8	8502	4.00	7.28	3.28	1.22	2.22	1.00	CB	.002	.07	9.48						
87-V-8	8503	7.28	10.56	3.28	2.22	3.22	1.00	CB	.012	.18	7.69						
87-V-8	8504	10.56	13.50	2.94	3.22	4.12	.90	CB	.022	.47	8.54						
87-V-8	8680	13.50	16.78	3.28	4.12	5.12	1.00	L	.002	.01	.32						
87-V-8	8681	16.78	20.06	3.28	5.12	6.12	1.00	L	.001	.01	.19						
87-V-9	8682	0.00	6.00	6.00	.00	1.83	1.83	RUBBLE C?	.015	.18	19.54						
87-V-9	8505	6.00	8.50	2.50	1.83	2.59	.76	C+CB	.011	.09	8.77						
87-V-9	8506	8.50	11.78	3.28	2.59	3.59	1.00	C+CB	.001	.05	3.09						
87-V-9	8507	11.78	15.06	3.28	3.59	4.59	1.00	C+CB	.001	.03	4.85						
87-V-9	8508	15.06	18.34	3.28	4.59	5.59	1.00	C+CB	.001	.04	4.43						
87-V-9	8509	18.34	21.62	3.28	5.59	6.59	1.00	C+CB	.002	.04	1.55						
87-V-9	8510	21.62	24.90	3.28	6.59	7.59	1.00	C+CB	.001	.03	2.15						
87-V-9	8511	24.90	28.00	3.10	7.59	8.54	.95	C+CB	.001	.12	2.59						
87-V-10	8573	0.00	3.50	3.50	.00	1.07	1.07	T+H	.340	6.02	27.94	0.00	17.56	17.56	.265	2.12	26.00
87-V-10	8512	3.50	6.50	3.00	1.07	1.98	.91	TB	.601	3.17	34.02						
87-V-10	8574	6.50	7.50	1.00	1.98	2.29	.30	PY	.120	1.61	31.20						

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VILLALTA PROJECT - ASSAY RESULTS

DDH	Sample	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-10	8575	7.50	11.00	3.50	2.29	3.35	1.07	H	.288	.37	30.77						
87-V-10	8513	11.00	14.28	3.28	3.35	4.35	1.00	TB	.008	.15	8.46						
87-V-10	8514	14.28	17.56	3.28	4.35	5.35	1.00	CB	.154	.99	27.44						
87-V-10	8515	17.56	21.00	3.44	5.35	6.40	1.05	CB	.024	.17	8.91						
87-V-10	8683	21.00	23.50	2.50	6.40	7.16	.76	LB	.002	.03	1.98						
87-V-10	8684	23.50	26.00	2.50	7.16	7.93	.76	LB	.001	.02	.40						
87-V-10	8516	26.00	29.28	3.28	7.93	8.93	1.00	CB	.002	.05	5.56						
87-V-10	8517	29.28	33.60	4.32	8.93	10.24	1.32	CB	.001	.09	4.27						
87-V-11	8565	0.00	5.00	5.00	.00	1.52	1.52	H	.021	.13	37.20	0.00	27.60	27.60	.025	.16	34.24
87-V-11	8566	5.00	9.00	4.00	1.52	2.74	1.22	H	.023	.21	38.34						
87-V-11	8567	9.00	12.28	3.28	2.74	3.74	1.00	H	.104	.43	34.05						
87-V-11	8568	12.28	15.56	3.28	3.74	4.74	1.00	H	.027	.10	35.91						
87-V-11	8569	15.56	18.84	3.28	4.74	5.74	1.00	H	.018	.10	30.29						
87-V-11	8570	18.84	22.12	3.28	5.74	6.74	1.00	H	.001	.07	30.22						
87-V-11	8571	22.12	25.40	3.28	6.74	7.74	1.00	H	.001	.08	32.21						
87-V-11	8572	25.40	27.60	2.20	7.74	8.41	.67	H	.001	.11	32.82						
87-V-11	8518	27.60	31.00	3.40	8.41	9.45	1.04	CB	.012	.20	14.18						
87-V-11	8519	31.00	34.28	3.28	9.45	10.45	1.00	CB	.001	.15	10.13						
87-V-11	8520	34.28	37.56	3.28	10.45	11.45	1.00	CB	.001	.11	7.31						
87-V-11	8521	37.56	40.84	3.28	11.45	12.45	1.00	CB	.001	.15	7.94						
87-V-11	8522	40.84	44.12	3.28	12.45	13.45	1.00	CB	.001	.03	6.13						
87-V-11	8523	44.12	46.60	2.48	13.45	14.21	.76	CB	.002	.10	7.51						
87-V-12	8576	0.00	4.00	4.00	.00	1.22	1.22	TB	.010	.07	33.45						
87-V-12	8577	4.00	7.28	3.28	1.22	2.22	1.00	H	.152	.12	39.32	4.00	36.10	32.10	.118	.26	38.63
87-V-12	8578	7.28	10.56	3.28	2.22	3.22	1.00	H	.228	.23	38.41						
87-V-12	8579	10.56	13.84	3.28	3.22	4.22	1.00	H	.044	.18	38.28						
87-V-12	8580	13.84	17.12	3.28	4.22	5.22	1.00	H	.134	.44	33.51						
87-V-12	8581	17.12	20.40	3.28	5.22	6.22	1.00	H	.376	.49	37.84						
87-V-12	8582	20.40	23.68	3.28	6.22	7.22	1.00	H	.025	.19	35.44						
87-V-12	8583	23.68	26.96	3.28	7.22	8.22	1.00	H	.096	.21	42.81						
87-V-12	8584	26.96	30.24	3.28	8.22	9.22	1.00	H	.095	.10	40.40						
87-V-12	8585	30.24	33.52	3.28	9.22	10.22	1.00	H	.001	.04	42.71						
87-V-12	8586	33.52	36.10	2.58	10.22	11.01	.79	H	.008	.74	37.30						
87-V-12	8524	36.10	39.00	2.90	11.01	11.89	.88	CB	.003	.25	12.85						
87-V-12	8525	39.00	41.00	2.00	11.89	12.50	.61	CB	.001	.11	8.24						
87-V-12	8685	41.00	43.75	2.75	12.50	13.34	.84	L	.004	.02	1.48						
87-V-12	8686	43.75	46.50	2.75	13.34	14.18	.84	L	.001	.01	.56						
87-V-12	8526	46.50	51.00	4.50	14.18	15.55	1.37	LB+CB	.023	.14	7.44						
87-V-12	8527	52.20	55.50	3.30	15.91	16.92	1.01	LB+CB	.011	.07	3.95						
87-V-13	8587	0.00	3.28	3.28	.00	1.00	1.00	H	.023	.08	27.15	0.00	15.00	15.00	.125	.71	33.14
87-V-13	8588	3.28	6.56	3.28	1.00	2.00	1.00	H	.015	.28	25.39						
87-V-13	8589	6.56	9.84	3.28	2.00	3.00	1.00	H+T	.438	.59	33.59						
87-V-13	8590	9.84	13.12	3.28	3.00	4.00	1.00	T+(H)	.087	2.10	42.51						
87-V-13	8591	13.12	15.00	1.88	4.00	4.57	.57	T+(H)	.012	.38	39.95						
87-V-13	8592	15.00	18.28	3.28	4.57	5.57	1.00	CB	.020	.52	20.51						
87-V-13	8593	18.28	21.56	3.28	5.57	6.57	1.00	CB	.002	.11	9.07						

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VILLALTA PROJECT: ASSAY RESULTS

DDH #	Sample #	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-13	8687	21.56	23.20	1.64	6.57	7.07	.50	LB	.002	.05	8.35						
87-V-13	8688	23.20	26.48	3.28	7.07	8.07	1.00	L	.001	.02	.23						
87-V-14	8595	0.00	6.00	6.00	.00	1.83	1.83	RUBBLE	.005	.17	18.98						
87-V-14	8596	6.00	7.00	1.00	1.83	2.13	.30	TB	.010	.31	16.46						
87-V-14	8528	7.00	10.28	3.28	2.13	3.13	1.00	C	.003	.18	15.81						
87-V-14	8529	10.28	13.56	3.28	3.13	4.13	1.00	C	.001	.13	8.19						
87-V-14	8530	13.56	16.84	3.28	4.13	5.13	1.00	C	.003	.74	21.09						
87-V-14	8531	16.84	20.12	3.28	5.13	6.13	1.00	C	.001	.27	11.68						
87-V-14	8532	20.12	23.40	3.28	6.13	7.13	1.00	C	.001	.23	11.90						
87-V-14	8533	23.40	26.68	3.28	7.13	8.13	1.00	C+CB	.001	.05	2.86						
87-V-14	8534	26.68	31.00	4.32	8.13	9.45	1.32	CB	.001	.14	7.59						
87-V-14	8535	31.00	36.00	5.00	9.45	10.98	1.52	CB	.002	.07	6.54						
87-V-15	8603	0.00	3.00	3.00	.00	.91	.91	TB+H	.040	.10	28.70	0.00	27.80	27.80	.010	.10	25.91
87-V-15	8604	3.00	6.00	3.00	.91	1.83	.91	TB+H	.038	.18	22.20						
87-V-15	8536	6.00	10.00	4.00	1.83	3.05	1.22	TB	.004	.16	16.07						
87-V-15	8597	10.00	13.28	3.28	3.05	4.05	1.00	H	.001	.14	37.97						
87-V-15	8598	13.28	16.56	3.28	4.05	5.05	1.00	H	.008	.11	37.73						
87-V-15	8599	16.56	19.84	3.28	5.05	6.05	1.00	H	.001	.03	26.22						
87-V-15	8600	19.84	23.12	3.28	6.05	7.05	1.00	H	.001	.01	22.40						
87-V-15	8601	23.12	26.40	3.28	7.05	8.05	1.00	H	.001	.05	22.25						
87-V-15	8602	26.40	27.80	1.40	8.05	8.48	.43	H	.001	.06	16.08						
87-V-15	8537	27.80	32.80	5.00	8.48	10.00	1.52	CB	.001	.33	10.91						
87-V-15	8605	32.80	36.08	3.28	10.00	11.00	1.00	H	.002	.03	25.28						
87-V-15	8606	36.08	40.50	4.42	11.00	12.35	1.35	H	.001	.03	18.05						
87-V-15	8538	40.50	43.78	3.28	12.35	13.35	1.00	CB	.001	.09	8.86						
87-V-15	8539	43.78	47.00	3.22	13.35	14.33	.98	CB	.003	.08	5.48						
87-V-16	8607	0.00	4.00	4.00	.00	1.22	1.22	T,TB+(H)	.026	.38	21.49	0.00	7.28	7.28	.016	.35	18.71
87-V-16	8608	4.00	7.28	3.28	1.22	2.22	1.00	T,TB+(H)	.004	.31	15.31						
87-V-16	8689	7.28	10.56	3.28	2.22	3.22	1.00	MT	.003	.04	21.34						
87-V-16	8690	10.56	13.84	3.28	3.22	4.22	1.00	MT	.005	.09	16.05						
87-V-16	8691	13.84	15.72	1.88	4.22	4.79	.57	MT	.001	.01	21.33						
87-V-16	8609	15.72	19.00	3.28	4.79	5.79	1.00	CB	.011	.10	16.71						
87-V-16	8610	19.00	22.28	3.28	5.79	6.79	1.00	CB	.004	.04	9.72						
87-V-16	8692	22.28	22.56	.28	6.79	6.88	.09	CB	.002	.09	5.77						
87-V-16	8693	25.56	28.84	3.28	7.79	8.79	1.00	CB	.003	.06	3.66						
87-V-16	8694	28.84	32.12	3.28	8.79	9.79	1.00	CB	.001	.04	2.74						
87-V-16	8695	32.12	34.00	1.88	9.79	10.37	.57	CB	.002	.03	2.52						
87-V-17	8611	0.00	6.00	6.00	.00	1.83	1.83	H	.007	.24	35.80	0.00	6.00	6.00	.007	.24	35.80
87-V-17	8612	6.00	9.28	3.28	1.83	2.83	1.00	CB	.003	.28	9.02						
87-V-17	8613	9.28	12.56	3.28	2.83	3.83	1.00	C	.001	.01	3.19						
87-V-17	8614	12.56	15.84	3.28	3.83	4.83	1.00	C	.001	.02	1.93						
87-V-17	8615	15.84	19.12	3.28	4.83	5.83	1.00	C+T+CB	.004	.10	8.42						
87-V-17	8616	19.12	24.00	4.88	5.83	7.32	1.49	CB	.001	.10	5.12						
87-V-17	8696	24.00	26.50	2.50	7.32	8.08	.76	L	.001	.01	.55						
87-V-17	8697	26.50	28.71	2.21	8.08	8.75	.67	L	.001	.08	5.31						
87-V-18	8617	0.00	2.00	2.00	.00	.61	.61	H	.001	.03	27.15	0.00	11.60	11.60	.190	.47	27.23

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VILLALTA PROJECT: ASSAY RESULTS

DDH	Sample	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-18	8618	2.00	5.28	3.28	.61	1.61	1.00	H	.017	1.34	31.78						
87-V-18	8619	5.28	8.56	3.28	1.61	2.61	1.00	H	.356	.16	25.83						
87-V-18	8620	8.56	11.60	3.04	2.61	3.54	.93	H	.322	.17	23.89						
87-V-18	8621	11.60	14.00	2.40	3.54	4.27	.73	C+LB	.009	.03	5.00						
87-V-18	8622	14.00	16.50	2.50	4.27	5.03	.76	LB	.003	.01	2.21						
87-V-18	8698	16.50	19.78	3.28	5.03	6.03	1.00	L	.001	.03	.29						
87-V-18	8699	19.78	22.00	2.22	6.03	6.71	.68	L	.001	.01	.14						
87-V-19	8623	0.00	4.00	4.00	.00	1.22	1.22	RUBBLE	.001	.01	5.43						
87-V-19	8624	4.00	7.50	3.50	1.22	2.29	1.07	H	.059	.04	21.99	4.00	14.50	10.50	.087	.05	22.85
87-V-19	8625	7.50	11.00	3.50	2.29	3.35	1.07	H	.190	.09	28.47						
87-V-19	8625	11.00	14.50	3.50	3.35	4.42	1.07	TB	.013	.02	18.10						
87-V-19	8627	14.50	18.00	3.50	4.42	5.49	1.07	C+(L)	.006	.01	3.45						
87-V-19	8700	18.00	21.28	3.28	5.49	6.49	1.00	L	.001	.04	2.01						
87-V-20	8628	0.00	4.50	4.50	.00	1.37	1.37	TB	.025	.02	31.17						
87-V-20	8629	4.50	8.00	3.50	1.37	2.44	1.07	TB	.002	.01	4.15						
87-V-20	8630	15.90	19.18	3.28	4.85	5.85	1.00	C	.003	.03	4.51						
87-V-20	8631	19.18	22.46	3.28	5.85	6.85	1.00	C	.001	.05	1.23						
87-V-20	8632	22.46	25.74	3.28	6.85	7.85	1.00	C	.003	.01	1.50						
87-V-21	8659	3.00	6.28	3.28	.91	1.91	1.00	CB	.001	.01	3.85						
87-V-21	8660	6.28	9.56	3.28	1.91	2.91	1.00	CB	.001	.17	12.04						
87-V-21	8661	9.56	12.84	3.28	2.91	3.91	1.00	CB	.001	.12	7.66						
87-V-21	8662	12.84	15.50	2.66	3.91	4.73	.81	CB	.001	.04	1.59						
87-V-22	8663	6.00	10.50	4.50	1.83	3.20	1.37	CB	.004	.01	10.17						
87-V-23	8664	0.00	4.00	4.00	.00	1.22	1.22	RUBBLE	.105	.03	10.28	0.00	4.00	4.00	.105	.03	10.28
87-V-23	8665	4.00	7.00	3.00	1.22	2.13	.91	RUBBLE	.001	.01	9.73						
87-V-23	8666	7.00	10.00	3.00	2.13	3.05	.91	RUBBLE & T	.029	.01	6.24						
87-V-24	8634	6.00	9.28	3.28	1.83	2.83	1.00	H	.004	.11	35.08	6.00	15.90	9.90	.037	.13	38.36
87-V-24	8635	9.28	12.56	3.28	2.83	3.83	1.00	H	.083	.15	40.84						
87-V-24	8636	12.56	14.60	2.04	3.83	4.45	.62	H	.023	.08	44.39						
87-V-24	8637	14.60	15.90	1.30	4.45	4.85	.40	H	.026	.18	30.90						
87-V-24	8638	15.90	19.18	3.28	4.85	5.85	1.00	CB	.001	.04	4.58						
87-V-24	8639	19.18	22.46	3.28	5.85	6.85	1.00	CB	.001	.02	2.74						
87-V-24	8640	22.46	25.74	3.28	6.85	7.85	1.00	CB	.002	.01	3.02						
87-V-24	8641	25.74	29.02	3.28	7.85	8.85	1.00	CB	.002	.01	2.81						
87-V-24	8642	29.02	32.30	3.28	8.85	9.85	1.00	CB	.001	.01	3.15						
87-V-24	8643	32.30	35.58	3.28	9.85	10.85	1.00	CB	.002	.01	2.18						
87-V-24	8644	35.58	40.00	4.42	10.85	12.20	1.35	CB	.001	.03	2.70						
87-V-26	8715	41.00	43.00	2.00	12.50	13.11	.61	TB	.002	.04	21.47						
87-V-26	8716	43.00	45.50	2.50	13.11	13.87	.76	TB	.002	.03	19.14						
87-V-26	8717	45.50	48.00	2.50	13.87	14.63	.76	TTB	.002	.01	22.25						
87-V-26	8718	48.00	52.15	4.15	14.63	15.90	1.27	TB	.009	.05	27.37						
87-V-26	8719	52.15	54.40	2.25	15.90	16.59	.69	TB	.005	.12	25.03						
87-V-26	8720	57.68	60.96	3.28	17.59	18.59	1.00	T&CB	.011	.04	14.77						
87-V-26	8721	60.96	64.24	3.28	18.59	19.59	1.00	CB	.010	.23	8.09						
87-V-26	8722	64.24	67.52	3.28	19.59	20.59	1.00	CB&C	.028	.09	7.90						
87-V-27	8645	12.00	13.30	1.30	3.66	4.05	.40	T	.013	.09	26.91	12.00	19.10	7.10	.009	.09	35.64

CANAMIN RESOURCES LTD

VILLALTA PROJECT: ASSAY RESULTS

DDH #	Sample #	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-27	8646	13.30	16.20	2.90	4.05	4.94	.88	H	.015	.15	37.69						
87-V-27	8647	16.20	19.10	2.90	4.94	5.82	.88	H	.002	.04	37.50						
87-V-27	8648	19.10	22.38	3.28	5.82	6.82	1.00	CB	.002	.02	10.60						
87-V-28	8667	11.00	13.00	2.00	3.35	3.96	.61	TB	.001	.08	17.55						
87-V-28	8668	13.00	16.50	3.50	3.96	5.03	1.07	TB&LB	.001	.05	9.87						
87-V-29	8669	8.00	11.00	3.00	2.44	3.35	.91	LB	.002	.04	4.97						
87-V-29	8670	11.00	13.00	2.00	3.35	3.96	.61	LB	.006	.01	10.56						
87-V-29	8671	13.00	16.28	3.28	3.96	4.96	1.00	L	.001	.01	.33						
87-V-29	8672	16.28	19.56	3.28	4.96	5.96	1.00	L	.001	.03	.44						
87-V-30	8655	9.00	12.80	3.80	2.74	3.90	1.16	CB	.010	.10	10.10	9.00	17.20	8.20	.162	.46	17.55
87-V-30	8656	12.80	15.00	2.20	3.90	4.57	.67	HB	.490	.90	23.89						
87-V-30	8657	15.00	17.20	2.20	4.57	5.24	.67	H	.096	.66	24.09						
87-V-30	8658	17.20	20.48	3.28	5.24	6.24	1.00	CB	.001	.03	4.56						
87-V-30	8673	20.48	23.76	3.28	6.24	7.24	1.00	CB	.001	.07	4.62						
87-V-30	8674	23.76	27.04	3.28	7.24	8.24	1.00	CB	.001	.01	5.58						
87-V-31	8649	0.00	4.00	4.00	.00	1.22	1.22	H	.001	.07	36.08	0.00	20.00	20.00	.198	.53	41.22
87-V-31	8650	4.00	9.28	5.28	1.22	2.83	1.61	H	.042	.15	39.22						
87-V-31	8651	6.28	12.56	6.28	1.91	3.83	1.91	H	.018	.24	37.85						
87-V-31	8652	12.56	15.84	3.28	3.83	4.83	1.00	H	1.056	2.16	38.20						
87-V-31	8653	15.84	20.00	4.16	4.83	6.10	1.27	H	.038	.24	26.42						
87-V-31	8654	20.00	21.42	1.42	6.10	6.53	.43	CB	.010	.13	33.16						
87-V-31	8675	21.42	24.70	3.28	6.53	7.53	1.00	C	.001	.13	11.55						
87-V-31	8676	24.70	27.98	3.28	7.53	8.53	1.00	C	.002	.15	3.78						
87-V-31	8677	27.98	31.26	3.28	8.53	9.53	1.00	C	.002	.09	2.06						
87-V-31	8678	31.26	34.54	3.28	9.53	10.53	1.00	C	.001	.03	1.95						
87-V-31	8679	34.54	37.82	3.28	10.53	11.53	1.00	C	.001	.04	4.09						
87-V-31	8701	37.82	41.10	3.28	11.53	12.53	1.00	C	.001	.01	2.67						
87-V-31	8702	41.10	44.38	3.28	12.53	13.53	1.00	C	.001	.01	2.77						
87-V-31	8703	44.38	47.66	3.28	13.53	14.53	1.00	C (+PY)	.001	.03	3.90						
87-V-31	8704	47.66	50.94	3.28	14.53	15.53	1.00	C (+PY)	.001	.13	4.04						
87-V-31	8705	50.94	54.22	3.28	15.53	16.53	1.00	C (+PY)	.001	.19	5.16						
87-V-31	8706	54.22	56.00	1.78	16.53	17.07	.54	C (+PY)	.001	.14	3.55						
87-V-32	8707	7.00	9.70	2.70	2.13	2.96	.82	TB	.001	.04	18.15						
87-V-32	8708	9.70	12.80	3.10	2.96	3.90	.95	H	.228	.14	26.41	9.70	12.80	3.10	.228	.14	26.41
87-V-32	8709	12.85	16.00	3.15	3.92	4.88	.96	LB	.006	.06	5.89						
87-V-32	8710	16.00	19.28	3.28	4.88	5.88	1.00	LB	.001	.08	2.92						
87-V-32	8711	19.28	22.56	3.28	5.88	6.88	1.00	LB	.001	.05	1.51						
87-V-32	8712	22.56	25.84	3.28	6.88	7.88	1.00	C	.001	.02	1.49						
87-V-32	8713	25.84	30.76	4.92	7.88	9.38	1.50	C	.001	.03	1.35						
87-V-32	8714	30.76	35.30	4.54	9.38	10.76	1.38	C&LB	.001	.01	3.28						
87-V-33	8723	12.90	15.50	2.60	3.93	4.73	.79	TB	.031	.07	20.30						
87-V-33	8724	20.00	23.28	3.28	6.10	7.10	1.00	TB	.001	.06	8.70						
87-V-33	8725	23.28	26.56	3.28	7.10	8.10	1.00	C	.001	.01	2.06						
87-V-33	8726	26.56	29.84	3.28	8.10	9.10	1.00	C	.001	.01	1.22						
87-V-33	8727	29.84	34.10	4.26	9.10	10.40	1.30	C	.001	.01	1.15						
87-V-33	8728	39.94	43.22	3.28	12.18	13.18	1.00	T	.001	.02	3.23						

CANAMIN RESOURCES LTD

VILLALTA PROJECT:- ASSAY- RESULTS

DDH #	Sample #	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-33	8729	43.22	46.50	3.28	13.18	14.18	1.00	T	.001	.06	4.20						
87-V-34	8730	18.52	21.80	3.28	5.65	6.65	1.00	TB	.002	.10	9.07						
87-V-34	8731	21.80	25.08	3.28	6.65	7.65	1.00	C	.001	.02	1.15						
87-V-34	8732	25.08	28.36	3.28	7.65	8.65	1.00	C	.001	.05	.91						
87-V-34	8733	28.36	31.64	3.28	8.65	9.65	1.00	C	.001	.01	1.05						
87-V-34	8734	31.64	34.92	3.28	9.65	10.65	1.00	C	.001	.05	2.23						
87-V-35	8774	0	1.83	1.83	.00	.56	.56	TB	.099	.14	34.07						
87-V-35	8775	3.66	4.57	.91	1.12	1.39	.28	TB	.005	.12	6.61						
87-V-35	8776	4.57	5.57	1.00	1.39	1.70	.30	TB	.001	.04	1.4						
87-V-35	8777	5.57	6.57	1.00	1.70	2.00	.30	TB	.001	.02	1.02						
87-V-35	8778	6.57	7.31	.74	2.00	2.23	.23	TB	.001	.02	.98						
87-V-35	8779	7.31	7.92	.61	2.23	2.41	.19	TB	.001	.07	3.93						
87-V-37	8735	2.00	4.00	2.00	.61	1.22	.61	H	.001	.09	29.83	2.00	15.40	13.40	.005	.14	28.17
87-V-37	8736	4.00	6.00	2.00	1.22	1.83	.61	H	.003	.09	36.36						
87-V-37	8737	6.00	9.28	3.28	1.83	2.83	1.00	H	.004	.19	17.65						
87-V-37	8738	9.28	12.56	3.28	2.83	3.83	1.00	H	.007	.15	31.80						
87-V-37	8739	12.56	15.40	2.84	3.83	4.70	.87	H	.008	.14	29.19						
87-V-37	8766	4.69	5.69	1.00	1.43	1.73	.30	CB	.001	.06	3.3						
87-V-37	8767	5.69	6.4	.71	1.73	1.95	.22	CB	.001	.03	4.76						
87-V-37	8768	6.4	7.16	.76	1.95	2.18	.23	CB	.001	.01	8.66						
87-V-37	8769	7.16	8.16	1.00	2.18	2.49	.30	CB	.001	.02	1.96						
87-V-37	8770	8.16	9.16	1.00	2.49	2.79	.30	CB	.001	.01	1.67						
87-V-37	8771	9.16	10.16	1.00	2.79	3.10	.30	CB	.001	.01	2.37						
87-V-37	8772	10.16	10.97	.81	3.10	3.34	.25	CB	.001	.11	4.35						
87-V-37A	8751	2.00	4.00	2.00	.61	1.22	.61	H	.002	.10	35.14						
87-V-37A	8752	4.00	6.00	2.00	1.22	1.83	.61	H	.002	.16	38.20						
87-V-38	8740	0.00	3.00	3.00	.00	.91	.91	H	.004	.40	29.44	0.00	27.00	27.00	.017	.27	31.17
87-V-38	8741	3.00	6.00	3.00	.91	1.83	.91	H	.061	.08	29.37						
87-V-38	8742	6.00	9.28	3.28	1.83	2.83	1.00	H	.031	.22	31.83						
87-V-38	8743	9.28	12.56	3.28	2.83	3.83	1.00	H	.035	.27	35.88						
87-V-38	8744	12.56	15.84	3.28	3.83	4.83	1.00	H	.007	.43	36.73						
87-V-38	8745	15.84	19.12	3.28	4.83	5.83	1.00	H	.001	.62	36.88						
87-V-38	8746	19.12	22.40	3.28	5.83	6.83	1.00	H	.001	.15	24.36						
87-V-38	8747	22.40	25.68	3.28	6.83	7.83	1.00	H	.001	.06	26.07						
87-V-38	8748	25.68	27.00	1.32	7.83	8.23	.40	H	.001	.04	27.52						
87-V-38	8749	27.00	31.00	4.00	8.23	9.45	1.22	CB	.001	.04	7.27						
87-V-38	8764	31.00	33.50	2.50	9.45	10.21	.76	CB	.001	.19	5.21						
87-V-38	8765	43.50	46.00	2.50	13.26	14.02	.76	L	.001	.03	2.36						
87-V-39	8753	5.20	8.48	3.28	1.59	2.59	1.00	H	.081	.70	35.32	5.20	11.70	6.50	.060	.68	34.02
87-V-39	8754	8.48	11.70	3.22	2.59	3.57	.98	H	.039	.65	32.70						
87-V-39	8755	11.70	14.98	3.28	3.57	4.57	1.00	CB	.001	.05	4.91						
87-V-39	8756	14.98	18.26	3.28	4.57	5.57	1.00	CB	.001	.13	5.07						
87-V-39	8757	18.26	21.54	3.28	5.57	6.57	1.00	CB	.001	.03	2.57						
87-V-39	8758	21.54	24.82	3.28	6.57	7.57	1.00	CB	.001	.10	1.89						
87-V-39	8759	24.82	28.10	3.28	7.57	8.57	1.00	CB	.001	.08	1.82						
87-V-39	8760	28.10	31.38	3.28	8.57	9.57	1.00	CB	.001	.01	2.59						

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VILLALTA PROJECT: ASSAY RESULTS

DDH #	Sample #	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-39	8761	31.38	34.66	3.28	9.57	10.57	1.00	CB	.001	.04	2.13						
87-V-39	8762	34.66	37.30	2.64	10.57	11.37	.80	CB	.001	.13	3.67						
87-V-39	8763	44.80	47.40	2.60	13.66	14.45	.79	L	.001	.03	1.92						
87-V-40	8773	13.00	14.50	1.50	3.96	4.42	.46	L	.001	.01	.58						
87-V-41	8791	175.72	179.00	3.28	53.57	54.57	1.00	TB	.013	.13	15.77						
87-V-41	8792	179.00	182.28	3.28	54.57	55.57	1.00	H	.016	.06	30.01	179.00	214.00	35.00	.060	.29	27.89
87-V-41	8793	182.28	185.56	3.28	55.57	56.57	1.00	H	.046	.09	28.20						
87-V-41	8794	185.56	188.84	3.28	56.57	57.57	1.00	H	.010	.12	29.37						
87-V-41	8795	188.84	192.12	3.28	57.57	58.57	1.00	H	.011	.05	29.43						
87-V-41	8796	192.12	195.40	3.28	58.57	59.57	1.00	H	.089	.07	30.31						
87-V-41	8797	195.40	198.68	3.28	59.57	60.57	1.00	H	.088	.16	26.86						
87-V-41	8798	198.68	201.96	3.28	60.57	61.57	1.00	H	.249	.65	25.50						
87-V-41	8799	201.96	205.24	3.28	61.57	62.57	1.00	H	.045	.55	29.62						
87-V-41	8800	205.24	208.52	3.28	62.57	63.57	1.00	H	.051	.50	23.98						
87-V-41	8801	208.52	211.80	3.28	63.57	64.57	1.00	H	.005	.51	27.93						
87-V-41	8802	211.80	214.00	2.20	64.57	65.24	.67	H	.052	.46	24.51						
87-V-41	8854	214.00	217.00	3.00	65.24	66.16	.91	L	.002	.24	22.21						
87-V-41	8865	245.00	249.00	4.00	74.70	75.91	1.22	T	.003	.05	33.27						
87-V-41	8835	249.00	252.28	3.28	75.91	76.91	1.00	TB	.005	.11	34.65						
87-V-41	8836	252.28	255.56	3.28	76.91	77.91	1.00	TB	.001	.02	29.85						
87-V-41	8837	255.56	258.84	3.28	77.91	78.91	1.00	TB	.002	.16	29.37						
87-V-41	8838	258.84	262.12	3.28	78.91	79.91	1.00	TB	.002	.07	27.05						
87-V-41	8839	262.12	264.50	2.38	79.91	80.64	.73	CB	.004	.01	12.38						
87-V-41	8840	264.50	268.00	3.50	80.64	81.71	1.07	CB	.002	.06	10.83						
87-V-41	8841	268.00	271.70	3.70	81.71	82.84	1.13	B	.009	.11	28.50						
87-V-41	8842	271.70	274.98	3.28	82.84	83.84	1.00	T	.004	.07	31.05						
87-V-41	8843	274.98	278.26	3.28	83.84	84.84	1.00	T	.006	.08	31.90						
87-V-41	8844	278.26	281.54	3.28	84.84	85.84	1.00	T	.007	.09	27.18						
87-V-41	8845	281.54	284.82	3.28	85.84	86.84	1.00	T	.001	.07	26.87						
87-V-41	8846	284.52	288.10	3.58	86.74	87.84	1.09	T	.001	.01	32.31						
87-V-41	8847	288.10	291.35	3.25	87.84	88.83	.99	T	.002	.05	19.79						
87-V-42	8803	147.51	150.80	3.29	44.97	45.98	1.00	TB	.019	.12	18.58						
87-V-42	8804	150.80	154.08	3.28	45.98	46.98	1.00	H	.004	.12	30.91	150.80	156.00	5.20	.028	.10	30.28
87-V-42	8805	154.08	156.00	1.92	46.98	47.56	.59	H	.068	.07	29.21						
87-V-42	8806	156.00	159.28	3.28	47.56	48.56	1.00	L	.020	.02	5.52						
87-V-42	8807	159.28	162.56	3.28	48.56	49.56	1.00	L	.027	.06	9.40						
87-V-42	8808	162.56	165.84	3.28	49.56	50.56	1.00	L	.013	.06	12.38						
87-V-42	8809	165.84	169.12	3.28	50.56	51.56	1.00	L	.001	.01	1.39						
87-V-42	8810	169.12	170.50	1.38	51.56	51.98	.42	L	.002	.03	7.05						
87-V-42	8811	170.50	173.78	3.28	51.98	52.98	1.00	L+PY	.052	.08	27.17						
87-V-42	8812	173.78	177.06	3.28	52.98	53.98	1.00	L+PY	.062	.32	30.76						
87-V-42	8813	177.06	179.70	2.64	53.98	54.79	.80	L+PY+MS	.022	.33	31.00						
87-V-42	8814	179.70	181.50	1.80	54.79	55.34	.55	L+PY	.005	.09	24.27						
87-V-42	8815	181.50	183.50	2.00	55.34	55.95	.61	B+L	.009	.04	13.11						
87-V-42	8816	183.50	186.78	3.28	55.95	56.95	1.00	L+PY	.004	.05	10.76						
87-V-42	8817	186.78	190.06	3.28	56.95	57.95	1.00	L+(PY)	.001	.01	2.77						

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VILLALTA PROJECT: ASSAY RESULTS

												WEIGHTED AVERAGES.....					
DDH #	Sample #	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% FE	From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% FE
87-V-43	8818	99.80	103.08	3.28	30.43	31.43	1.00	B+H	.008	.03	27.56	99.80	114.20	14.40	.011	.06	29.48
87-V-43	8819	103.08	106.00	2.92	31.43	32.32	.89	B+H	.015	.05	24.26						
87-V-43	8820	106.00	109.28	3.28	32.32	33.32	1.00	H	.022	.06	28.08						
87-V-43	8821	109.28	112.56	3.28	33.32	34.32	1.00	H	.005	.05	34.71						
87-V-43	8822	112.56	114.20	1.64	34.32	34.82	.50	H	.002	.12	34.98						
87-V-43	8823	114.20	117.48	3.28	34.82	35.82	1.00	LB	.001	.06	9.05						
87-V-43	8824	117.48	120.76	3.28	35.82	36.82	1.00	LB+H	.005	.40	15.97						
87-V-43	8825	120.76	124.04	3.28	36.82	37.82	1.00	LB+H	.049	.33	17.46						
87-V-43	8826	124.04	127.32	3.28	37.82	38.82	1.00	LB+H	.030	.26	21.39						
87-V-43	8827	127.32	131.50	4.18	38.82	40.09	1.27	LB+H	.115	.17	20.53						
87-V-43	8750	161.67	164.67	3.00	49.29	50.20	.91	L+PY	.012	.15	2.50						
87-V-44	8828	138.70	140.45	1.75	42.29	42.82	.53	H	.002	.05	33.72	138.70	145.50	6.80	.002	.09	29.45
87-V-44	8829	140.45	143.50	3.05	42.82	43.75	.93	H	.001	.11	29.83						
87-V-44	8830	143.50	145.50	2.00	43.75	44.36	.61	H	.002	.08	25.15						
87-V-44	8831	145.50	148.20	2.70	44.36	45.18	.82	CHL+PY	.004	.11	28.04						
87-V-44	8832	148.20	149.45	1.25	45.18	45.56	.38	T	.003	.86	24.65						
87-V-44	8833	149.45	152.78	3.33	45.56	46.58	1.02	L	.001	.02	.55						
87-V-44	8834	165.45	168.25	2.80	50.44	51.30	.85	L+PY	.001	.08	19.49						
87-V-45	8848	119.90	122.90	3.00	36.55	37.47	.91	CB	.012	.06	9.85						
87-V-45	8849	122.90	125.00	2.10	37.47	38.11	.64	CB+H	.037	.05	22.16						
87-V-45	8850	125.00	127.25	2.25	38.11	38.80	.69	CB+H	.001	.02	11.58						
87-V-45	8851	127.25	130.53	3.28	38.80	39.80	1.00	L+H	.005	.02	1.92						
87-V-45	8852	138.75	141.33	2.58	42.30	43.09	.79	CB+H	.007	.21	24.98						
87-V-45	8853	141.33	142.29	.96	43.09	43.38	.29	H	.014	.20	34.39						
87-V-45	8855	142.29	145.67	3.38	43.38	44.41	1.03	CB	.001	.21	28.54						
87-V-45	8856	145.67	148.77	3.10	44.41	45.36	.95	CB	.001	.15	23.68						
87-V-45	8857	148.77	150.10	1.33	45.36	45.76	.41	CB	.001	.08	13.79						
87-V-46	8858	98.70	103.00	4.30	30.09	31.40	1.31	REG	.001	.01	12.85						
87-V-46	8859	103.00	106.28	3.28	31.40	32.40	1.00	T	.001	.01	3.76						
87-V-46	8860	106.28	108.50	2.22	32.40	33.08	.68	T	.001	.10	10.81						
87-V-46	8861	108.50	110.80	2.30	33.08	33.78	.70	LB+H	.002	.05	7.00						
87-V-46	8862	110.80	112.80	2.00	33.78	34.39	.61	LB+H	.005	.15	13.02						
87-V-46	8863	112.80	116.08	3.28	34.39	35.39	1.00	L	.001	.01	.38						
87-V-46	8864	159.40	161.40	2.00	48.60	49.21	.61	L+MS	.005	.42	20.18						
87-V-47	8866	19.22	22.50	3.28	5.86	6.86	1.00	TB	.001	.01	26.44						
87-V-47	8867	22.50	25.78	3.28	6.86	7.86	1.00	H	.003	.12	38.82	22.50	48.20	25.70	.163	.23	35.91
87-V-47	8868	25.78	29.10	3.32	7.86	8.87	1.01	H	.001	.11	43.21						
87-V-47	8869	29.10	32.38	3.28	8.87	9.87	1.00	H	.001	.02	33.67						
87-V-47	8870	32.38	35.66	3.28	9.87	10.87	1.00	H	.039	.07	34.96						
87-V-47	8871	35.66	38.94	3.28	10.87	11.87	1.00	H	.025	.10	33.18						
87-V-47	8872	38.94	42.70	3.76	11.87	13.02	1.15	H	.017	.14	35.84						
87-V-47	8873	42.70	45.98	3.28	13.02	14.02	1.00	H	.640	.21	36.11						
87-V-47	8874	45.98	48.20	2.22	14.02	14.70	.68	H	.808	1.52	29.21						
87-V-47	8875	48.20	51.48	3.28	14.70	15.70	1.00	LB	.007	.38	5.92						
87-V-48	8876	9.00	11.00	2.00	2.74	3.35	.61	TB	.023	.24	35.24						
87-V-48	8877	11.00	13.30	2.30	3.35	4.05	.70	TB	.009	.17	31.30						

CANAMIN RESOURCES LTD

VILLALTA PROJECT: ASSAY RESULTS

DDH	Sample	From(Ft)	To(Ft)	Interval(Ft)	From(m)	To(m)	Interval(m)	Rock	OPT AU	OPT AG	% PB	WEIGHTED AVERAGES From(Ft)	To(Ft)	Interval(Ft)	OPT AU	OPT AG	% PB
87-V-48	8878	13.30	16.56	3.26	4.05	5.05	.99	H	.002	.14	34.64	13.30	43.70	30.40	.064	.37	34.12
87-V-48	8879	16.56	19.84	3.28	5.05	6.05	1.00	H	.009	.14	35.75						
87-V-48	8880	19.84	23.12	3.28	6.05	7.05	1.00	H	.028	.22	31.74						
87-V-48	8881	23.12	26.40	3.28	7.05	8.05	1.00	H	.005	.21	34.75						
87-V-48	8882	26.40	29.68	3.28	8.05	9.05	1.00	H	.001	.25	35.95						
87-V-48	8883	29.68	32.96	3.28	9.05	10.05	1.00	H	.005	.08	38.78						
87-V-48	8884	32.96	36.24	3.28	10.05	11.05	1.00	H	.020	.41	38.18						
87-V-48	8885	36.24	39.52	3.28	11.05	12.05	1.00	H	.192	.57	36.72						
87-V-48	8886	39.52	42.30	2.78	12.05	12.90	.85	H	.292	.94	24.04						
87-V-48	8887	42.30	43.70	1.40	12.90	13.32	.43	CB	.198	1.49	22.32						
87-V-48	8888	43.70	47.00	3.30	13.32	14.33	1.01	CB	.009	.14	9.75						
87-V-48	8889	47.00	51.30	4.30	14.33	15.64	1.31	CB	.008	.16	6.13						
87-V-48	8890	51.30	54.00	2.70	15.64	16.46	.82	CB	.002	.11	5.41						
87-V-48	8891	54.00	57.28	3.28	16.46	17.46	1.00	L	.001	.02	.60						
87-V-48	8892	57.28	60.56	3.28	17.46	18.46	1.00	L	.001	.02	.68						
87-V-48	8893	60.56	63.84	3.28	18.46	19.46	1.00	L+PY	.003	.03	.86						
87-V-48	8894	122.00	125.28	3.28	37.20	38.20	1.00	L+PY	.001	.05	.34						
87-V-48	8895	125.28	128.56	3.28	38.20	39.20	1.00	SST	.001	.19	.64						

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P CR MG BA TI B AL NA K W SI ZR CE SN Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AG** AU** BY FIRE ASSAY.

DATE RECEIVED: MAY 14 1987 DATE REPORT MAILED: May 19/87 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES PROJECT - 87V File # 87-1287

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
91501	2	949	16	808	1.7	22	9	2084	5.90	9	5	ND	1	2	3	2	7	48	.20	.015	3	13	.12	4	.01	4	.09	.01	.02	1	.02	.001
91502	1	1262	8	967	2.7	20	10	1225	6.27	3	5	ND	1	2	2	3	2	65	.12	.012	5	14	.09	5	.01	10	.13	.01	.01	1	.04	.001
91503	2	2742	14	1974	9.0	33	19	1488	8.57	2	5	ND	1	4	5	2	2	106	.37	.033	7	19	.38	4	.01	6	.15	.01	.01	1	.29	.001
91504	3	468	30	1265	1.4	9	13	3304	9.40	18	5	ND	1	4	2	2	10	52	.24	.074	5	27	.08	2	.01	6	.08	.01	.01	4	.01	.001
91505	3	638	27	2518	1.9	19	30	4450	16.70	22	5	ND	2	6	4	2	8	117	.57	.106	9	63	.33	5	.01	5	.14	.01	.01	9	.03	.001
91506	1	5574	25	504	5.3	5	12	1135	5.02	8	5	ND	1	3	1	3	2	266	.17	.072	4	19	.01	4	.01	2	.06	.01	.01	57	.15	.001
91507	2	2076	23	1074	2.4	13	37	4627	5.77	2	5	ND	1	5	4	2	2	89	.19	.059	5	22	.06	7	.01	2	.06	.01	.01	12	.07	.001
91508	3	7336	24	2666	10.9	22	56	5034	12.53	5	5	ND	1	9	6	2	2	228	.58	.169	20	33	.35	9	.01	2	.29	.01	.01	3	.31	.001
91509	4	7792	37	5333	22.4	27	56	2475	15.88	4	5	ND	1	8	3	2	2	156	.40	.072	12	18	.82	9	.01	7	2.27	.01	.01	1	.70	.001
91510	4	2499	18	3668	7.2	23	16	2319	4.56	5	5	ND	1	3	40	2	2	93	.21	.045	11	12	.25	2	.01	5	.15	.01	.01	1	.25	.001
91511	10	2695	363	3702	5.7	43	23	2291	7.28	78	5	ND	1	5	22	3	2	123	.32	.065	18	21	.58	5	.01	2	.75	.01	.01	1	.17	.001
91512	1	71	10	42	2.8	2	2	57	2.20	154	5	ND	1	1	1	2	2	150	.01	.009	3	7	.01	1	.01	3	.08	.01	.01	1	.07	.006
91513	1	185	8	30	1.9	3	3	90	1.25	96	5	ND	1	1	1	2	2	138	.01	.002	4	6	.01	1	.01	2	.04	.01	.01	3	.08	.001
91514	1	592	38	414	4.0	41	39	607	4.75	440	5	ND	1	1	6	5	2	207	.08	.019	7	11	.17	2	.01	6	.11	.01	.01	1	.13	.002
91515	3	166	100	1356	2.1	70	26	1038	10.57	123	5	ND	1	3	10	2	2	131	.29	.049	19	16	.54	4	.01	6	.27	.01	.01	1	.07	.001
91516	6	187	95	800	.6	25	8	558	3.40	92	5	ND	1	89	6	2	2	74	28.72	.055	12	7	.24	5	.01	2	.13	.01	.01	1	.02	.001
91517	8	567	472	3930	2.4	61	33	1247	8.51	397	5	ND	3	9	35	2	2	357	2.90	.059	11	15	.37	2	.01	2	.23	.01	.01	1	.05	.001
91518	2	482	145	4068	2.8	42	23	1440	6.46	360	6	ND	4	24	30	2	2	364	7.94	.069	18	14	.48	2	.01	4	.16	.01	.01	1	.11	.001
91519	1	357	175	2397	3.4	44	32	989	6.79	277	5	ND	1	3	16	2	2	277	.69	.038	6	12	.38	2	.01	5	.18	.01	.01	1	.11	.001
91520	1	190	184	2596	2.3	36	20	1132	8.21	288	5	ND	3	22	17	2	2	320	6.28	.042	13	11	.69	2	.01	5	.10	.01	.01	1	.08	.001
91521	1	857	153	2401	3.2	62	29	881	7.00	291	5	ND	1	10	14	2	2	348	2.34	.091	12	17	.41	2	.01	4	.23	.01	.01	1	.13	.001
91522	1	399	105	1487	1.6	52	16	1256	4.71	128	6	ND	4	39	10	2	2	298	11.41	.048	12	8	.99	4	.01	5	.15	.01	.01	1	.06	.001
91523	3	7539	46	2155	22.2	27	24	4872	27.57	23	5	ND	3	7	3	2	5	348	.31	.130	14	77	.03	11	.02	2	.15	.01	.01	50	.69	.004
91524	3	7248	44	1638	17.1	14	18	1649	22.96	38	5	ND	2	4	3	4	5	213	.18	.114	13	75	.02	14	.01	2	.08	.01	.02	65	.53	.001
91525	3	8124	38	1334	11.7	17	16	1213	18.46	25	5	ND	1	3	3	2	9	281	.22	.101	10	62	.04	10	.01	10	.11	.01	.01	97	.38	.001
91526	1	2051	10	1072	5.0	34	10	1004	5.89	2	5	ND	1	3	1	2	3	96	.20	.048	31	18	.21	5	.01	8	.16	.01	.01	1	.14	.001
91527	1	3091	14	1596	8.6	39	13	1586	7.55	2	5	ND	1	4	4	2	2	129	.21	.062	27	22	.26	8	.01	6	.24	.01	.01	1	.27	.001
91528	1	5866	21	1348	15.9	38	8	1933	5.17	2	5	ND	2	15	4	2	2	86	4.13	.060	23	15	.09	5	.01	5	.17	.01	.01	1	.46	.001
91529	1	3858	12	1139	10.6	31	6	1674	3.91	3	8	ND	4	43	3	2	2	67	15.92	.083	15	15	.19	3	.01	2	.14	.01	.01	1	.33	.001
STD C	19	58	40	134	6.8	65	28	994	3.86	40	18	8	33	47	17	14	18	60	.45	.091	35	59	.91	176	.08	37	1.73	.06	.14	13	-	-

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AG** AND AU** BY FIRE ASSAY.

DATE RECEIVED: MAY 21 1987 DATE REPORT MAILED: May 25/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES File # 87-1367 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
8501	1	368	89	1699	7.4	49	47	1789	12.65	117	5	ND	1	8	7	2	2	191	1.43	.051	13	21	.63	7	.01	2	2.09	.01	.01	1	.22	.004
8502	2	328	190	904	2.9	17	13	1027	9.48	25	5	ND	1	5	1	2	3	70	.45	.015	4	27	.55	8	.01	2	.72	.01	.01	1	.07	.002
8503	2	723	196	1466	6.2	41	9	975	7.69	32	5	ND	1	6	6	2	4	88	.53	.053	13	34	.64	6	.01	2	.50	.01	.01	1	.18	.012
8504	1	1554	334	3816	15.7	85	13	1137	8.54	89	5	ND	1	15	22	2	16	239	2.10	.234	26	80	.90	9	.01	2	.89	.01	.01	1	.47	.022
8505	2	312	64	2500	2.6	26	16	2158	8.77	46	5	ND	1	39	24	2	13	121	9.24	.067	13	13	.27	13	.01	2	.24	.04	.01	1	.09	.011
8506	1	529	220	1097	1.5	29	7	572	3.09	125	5	ND	1	1	12	4	3	27	.08	.005	10	9	.11	5	.01	2	.10	.01	.01	1	.05	.001
8507	1	633	157	663	1.6	24	18	750	4.85	107	5	ND	1	4	3	2	2	55	.43	.009	6	11	.48	2	.01	2	.11	.01	.01	1	.03	.001
8508	4	871	98	670	1.1	32	18	790	4.43	64	5	ND	1	4	3	2	2	84	.36	.003	3	9	.58	2	.01	2	.15	.01	.01	1	.04	.001
8509	1	766	44	545	1.1	23	5	675	1.55	61	5	ND	1	22	4	4	2	55	2.55	.004	11	9	.96	2	.01	2	.09	.01	.01	1	.04	.002
8510	1	1522	27	704	1.3	34	6	869	2.15	25	5	ND	1	25	5	5	2	107	3.56	.005	16	10	1.21	3	.01	2	.21	.02	.01	1	.03	.001
8511	5	2158	167	1043	4.6	61	12	1018	2.59	214	5	ND	1	26	7	7	2	73	3.78	.020	10	18	1.42	3	.01	2	.21	.02	.01	1	.12	.001
8512	1	2471	2130	3468	94.7	36	46	3720	34.02	76	5	16	1	16	51	6	114	248	1.05	.186	11	50	.56	14	.01	2	.56	.01	.01	1	3.17	.401
8513	1	400	1938	1338	4.7	55	52	1648	8.46	59	5	ND	1	4	16	3	3	192	.35	.017	5	10	.18	11	.01	2	.19	.01	.01	1	.15	.008
8514	3	2318	2226	3848	31.9	77	54	3827	27.44	167	5	5	1	18	63	15	43	221	.88	.118	13	28	.52	52	.01	2	.45	.01	.01	8	.99	.154
8515	3	1395	1153	2935	5.7	39	20	1257	8.91	565	5	ND	1	9	37	9	19	142	2.16	.028	6	20	.36	33	.01	2	.16	.01	.01	1	.17	.024
8516	2	1011	124	1451	2.3	66	59	821	5.56	149	5	ND	1	8	7	2	3	78	.99	.062	20	18	.73	22	.01	2	.21	.01	.01	1	.05	.002
8517	2	719	97	1354	3.2	48	31	792	4.27	78	5	ND	1	18	8	2	3	70	2.26	.237	26	18	.71	14	.01	2	.27	.01	.01	1	.09	.001
8518	2	3044	19	2154	6.8	36	71	2216	14.18	21	5	ND	1	5	2	2	2	161	.52	.061	9	32	.42	14	.01	2	.23	.01	.01	10	.20	.012
8519	1	2957	25	1480	5.1	25	42	1626	10.13	39	5	ND	1	3	3	2	3	98	.28	.040	12	17	.30	6	.01	2	.12	.01	.01	1	.15	.001
8520	2	1196	93	2428	4.1	42	45	1053	7.31	17	5	ND	1	3	16	2	2	94	.25	.042	38	18	.47	6	.01	2	.18	.01	.01	1	.11	.001
8521	1	1238	29	4259	4.4	59	19	1340	7.94	12	5	ND	1	6	39	2	2	101	.40	.096	36	20	.58	5	.01	2	.19	.01	.01	1	.15	.001
8522	1	694	110	2734	1.5	31	11	1209	6.13	149	5	ND	1	4	23	6	2	70	.25	.046	31	14	.48	3	.01	2	.15	.01	.01	1	.03	.001
8523	18	1524	841	4891	3.1	72	14	1392	7.51	165	5	ND	1	7	34	5	2	149	.54	.166	22	29	.71	4	.01	2	.63	.01	.01	1	.10	.002
8524	1	3407	738	2816	8.6	27	44	1760	12.85	75	5	ND	1	5	31	5	5	210	.39	.044	5	28	.45	20	.01	4	.30	.01	.01	1	.25	.003
8525	1	807	630	1870	3.7	25	39	1176	8.24	115	5	ND	1	5	20	6	4	77	.28	.026	25	15	.41	9	.01	4	.19	.01	.01	1	.11	.001
8526	2	1299	660	3123	4.6	31	18	1354	7.44	159	5	ND	1	53	27	8	35	125	17.45	.184	18	27	.63	11	.01	2	.61	.04	.01	1	.14	.023
8527	2	649	45	1635	1.9	33	7	713	3.95	101	5	ND	1	57	3	4	11	108	21.40	.134	25	20	.84	9	.01	2	.86	.04	.01	1	.07	.011
8528	1	646	30	6831	6.2	70	24	2296	15.81	16	5	ND	2	7	43	2	3	164	.40	.104	34	12	.55	88	.01	4	.38	.01	.01	1	.18	.003
8529	1	455	276	3654	3.7	32	17	1770	8.19	11	5	ND	1	4	27	2	5	113	.27	.037	28	18	.27	97	.01	4	.22	.01	.01	1	.13	.001
8530	1	5500	42	4344	24.5	61	46	2937	21.09	10	5	ND	2	8	7	2	2	296	.44	.207	122	21	.36	123	.01	2	.27	.01	.01	1	.74	.003
8531	1	2666	438	2836	9.3	33	27	1795	11.68	2	5	ND	1	6	6	2	2	157	.32	.052	53	25	.62	32	.01	2	.26	.01	.01	1	.27	.001
8532	1	2219	87	5571	7.7	40	33	1918	11.90	18	5	ND	1	4	54	2	2	210	.26	.044	20	17	.50	22	.01	2	.18	.01	.01	1	.23	.001
8533	1	481	24	2107	1.7	22	11	630	2.86	5	5	ND	1	2	26	2	2	88	.10	.032	18	10	.14	22	.01	2	.11	.01	.01	1	.05	.001
8534	1	1583	34	5635	4.0	58	47	4895	7.59	28	5	ND	1	10	68	2	2	242	.20	.060	52	21	.31	109	.01	2	.20	.01	.01	1	.14	.001
8535	1	960	68	3104	1.9	39	17	1563	6.54	193	5	ND	1	4	28	10	2	130	.28	.091	36	23	.36	6	.01	2	.17	.01	.01	1	.07	.002
8536	1	738	20	3718	4.9	63	54	1074	16.07	20	5	ND	1	9	4	2	2	235	.47	.054	69	16	.46	20	.02	8	.31	.01	.01	1	.16	.004
STD C	20	57	39	126	6.8	66	27	984	3.94	41	17	7	34	47	17	15	21	62	.48	.098	36	61	.88	177	.08	34	1.73	.07	.13	12	-	-

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
8537	1	7169	13	2330	11.0	35	23	2742	10.91	18	5	ND	1	5	4	2	2	123	.60	.124	9	46	.45	5	.01	2	.19	.01	.01	3	.33	.001
8538	1	607	5	2952	2.9	29	32	1460	8.86	7	5	ND	1	5	16	2	2	99	.34	.038	10	17	.57	4	.01	3	.42	.01	.01	1	.09	.001
8539	1	895	194	2295	2.5	48	35	758	5.48	51	5	ND	1	3	8	2	2	121	.21	.061	32	28	.54	4	.01	2	.95	.01	.01	1	.08	.003
8540	1	6091	23	2040	60.6	13	43	3744	29.46	68	5	15	2	4	5	2	102	558	.28	.197	14	27	.11	4	.01	2	.21	.01	.01	6	2.05	.675
8541	1	3140	17	2119	31.6	10	30	2459	29.29	17	5	17	2	5	4	2	75	510	.40	.163	8	63	.13	3	.01	2	.16	.01	.01	4	1.07	.592
8544	1	3537	11	1187	16.2	26	10	1988	9.06	16	5	ND	1	3	4	2	116	142	.26	.055	10	55	.13	3	.01	2	.16	.01	.01	1	.51	.031
091530	1	1547	7	1199	4.7	32	6	1394	3.60	2	5	ND	1	50	3	2	2	62	17.82	.106	15	17	.17	3	.01	2	.14	.04	.01	1	.14	.001
091531	1	1166	14	3192	5.8	47	42	1908	30.36	6	5	ND	2	11	9	2	3	405	.80	.064	11	38	.66	4	.01	2	.38	.01	.01	1	.17	.008
091532	1	2374	487	3566	6.7	92	33	2167	28.10	29	5	ND	2	8	22	2	6	442	.74	.123	28	31	.72	4	.01	2	.33	.01	.01	1	.23	.004
091533	1	322	789	1016	2.3	42	7	503	5.32	9	5	ND	1	2	6	2	3	72	.13	.023	22	15	.19	2	.01	7	.16	.01	.01	1	.05	.002
091534	1	109	65	1327	.8	39	6	424	4.64	5	5	ND	1	2	18	2	2	58	.12	.039	18	15	.15	5	.01	2	.16	.01	.01	1	.01	.001
091535	1	61	15	948	.3	26	5	575	3.38	5	5	ND	1	2	10	2	4	45	.09	.038	20	7	.06	9	.01	3	.11	.01	.01	1	.02	.001
091536	1	122	37	2316	1.1	39	9	1477	6.98	7	5	ND	1	4	25	2	2	104	.21	.081	20	14	.18	86	.01	6	.17	.01	.01	1	.02	.001
091537	1	221	141	2809	5.5	42	10	1164	8.33	12	5	ND	1	3	32	2	3	167	.27	.054	12	19	.34	10	.01	2	.14	.01	.01	1	.17	.044
091538	1	1990	199	9509	17.5	78	18	2612	12.84	199	5	ND	2	5	162	23	23	400	.49	.076	24	23	.55	7	.01	2	.19	.01	.01	1	.56	.016
091539	1	1362	304	2389	7.4	46	12	1037	5.63	177	5	ND	1	3	16	2	3	108	.25	.051	18	18	.24	5	.01	5	.14	.01	.01	1	.21	.002
091540	1	217	58	493	10.3	13	10	1370	10.20	36	5	2	1	3	4	2	73	131	.29	.041	5	11	.15	6	.01	2	.11	.01	.01	47	.33	.048
091541	1	462	138	1177	1.1	19	15	2366	7.16	41	5	ND	1	2	29	2	2	260	.31	.040	7	6	.24	4	.01	2	.14	.01	.01	1	.02	.001
091542	1	130	7	555	.9	33	15	885	7.72	94	6	ND	1	1	1	2	3	104	.11	.008	3	6	.32	3	.01	2	.11	.01	.01	1	.01	.001
091543	1	344	129	2330	1.7	42	10	967	5.73	85	5	ND	1	2	21	2	2	101	.19	.040	11	17	.43	4	.01	2	.18	.01	.01	1	.03	.002
091544	1	662	2451	1276	1.5	16	14	2095	26.98	101	5	ND	1	14	17	15	4	318	1.10	.177	16	191	.54	19	.02	2	.48	.01	.01	1	.04	.003
091545	1	1860	1059	2699	7.1	22	35	2164	30.58	144	5	ND	1	13	18	2	59	343	.98	.151	14	85	.60	99	.01	2	1.29	.01	.01	1	.23	.047
091546	1	673	150	3592	2.2	33	28	1591	10.92	252	5	ND	1	3	39	2	2	151	.29	.023	6	16	.43	11	.01	2	.27	.01	.01	1	.07	.002
091547	1	1012	514	3094	8.4	28	25	1304	9.99	411	5	ND	1	3	22	2	2	124	.28	.028	16	12	.48	3	.01	2	.21	.01	.01	1	.27	.004
091548	1	1293	142	1678	7.3	32	12	965	9.60	369	6	ND	1	3	8	2	8	141	.33	.044	9	21	.48	3	.01	2	.22	.01	.01	1	.23	.011
091549	1	1403	101	2489	4.4	34	5	856	4.13	321	5	ND	1	31	15	2	8	74	11.73	.072	13	12	.20	5	.01	2	.16	.04	.01	1	.12	.010
STD C	20	56	39	127	6.8	68	27	979	4.02	41	13	7	34	47	17	18	20	63	.46	.098	35	58	.89	177	.08	34	1.73	.07	.13	15	-	-

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED JUNE 5 1987

DATE REPORTS MAILED June 15/87

ASSAY CERTIFICATE

SAMPLE TYPE : REJECT
AU BY FIRE ASSAY
ND=None Detected

ASSAYER _____ DEAN TOYE , CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES LTD. FILE# 87-1367 R

SAMPLE	Sample wt. gm	Au-100 oz/t	Native Au mg	Average oz/t
8512	500	.661	.01	.662
8514	480	.199	ND	.199
8540	560	.466	ND	.466
8541	650	.751	ND	.751

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AG** BY FIRE ASSAY. AU** BY FIRE ASSAY

DATE RECEIVED: JUN 3 1987 DATE REPORT MAILED: June 10/87 ASSAYER. D. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES PROJECT - VA. File # 87-1554A Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
8603	1	306	75	3866	2.7	39	36	2217	28.70	25	5	ND	3	6	4	2	102	342	.1º	.086	7	3º	.28	19	.03	2	1.44	.01	.02	1	.10	.040
8604	1	1957	62	4127	5.4	61	40	1643	22.20	9	5	ND	1	16	7	2	7	372	.90	.234	59	60	.52	10	.02	2	.58	.01	.02	1	.18	.038
8657	1	3151	74	2571	17.1	22	25	3035	24.0º	44	5	ND	6	5º	11	2	38	746	10.40	.129	15	23	.62	6	.01	2	.0º	.01	.01	34	.66	.0º6
8658	1	837	23	1082	1.0	17	13	988	4.56	6	5	ND	1	53	9	2	2	77	3.83	.053	7	10	1.11	2	.01	2	.12	.01	.01	1	.03	.001
8659	1	782	9	981	1.0	24	24	602	3.85	11	5	ND	1	3	1	2	2	59	.13	.024	53	7	.35	4	.01	2	.32	.01	.01	1	.01	.001
8660	1	3076	51	3271	4.1	22	16	1412	12.04	8	5	ND	1	8	4	2	2	251	.49	.083	16	24	.70	8	.01	2	1.32	.01	.01	1	.17	.001
8661	1	1953	106	2366	3.7	16	15	1019	7.66	8	5	ND	1	5	7	2	3	151	.40	.046	12	19	.57	5	.01	2	.75	.01	.02	1	.12	.001
8662	1	315	33	411	1.5	21	4	482	1.59	12	5	ND	1	9	37	2	2	42	2.15	.008	15	10	.67	4	.01	2	.54	.01	.01	1	.04	.001
8663	1	696	15	2134	.4	25	13	535	10.17	25	5	ND	1	5	6	2	14	48	.43	.073	22	7	.08	17	.01	2	.08	.01	.06	1	.01	.004
8664	1	243	93	317	1.0	82	43	480	10.28	35	5	2	1	10	1	3	4	271	.29	.136	37	54	.26	117	.03	2	1.94	.01	.14	8	.03	.105
8665	1	.110	45	400	.2	85	53	673	9.73	8	5	ND	1	7	3	2	2	128	.23	.095	12	26	.23	130	.01	7	2.09	.01	.09	1	.01	.001
8666	1	358	20	312	.4	38	33	587	6.24	4	5	ND	1	14	1	2	2	116	.75	.144	5	7	.21	160	.01	2	1.94	.01	.15	1	.01	.029
8667	1	832	72	7646	1.8	112	41	3032	17.55	21	5	ND	4	31	43	2	2	648	5.91	.208	29	62	.75	61	.01	2	2.26	.01	.01	1	.08	.001
8668	1	292	128	2866	.6	55	18	1761	9.87	17	5	ND	5	70	17	2	3	117	19.46	.128	17	25	.85	17	.01	2	2.28	.01	.01	1	.05	.001
8669	1	436	75	1573	.7	57	37	1450	4.97	11	5	ND	3	77	16	2	2	291	19.38	.096	17	28	.77	15	.18	3	1.50	.03	.01	1	.04	.002
8670	1	134	388	1650	.5	46	18	2055	10.56	16	5	ND	5	44	16	2	2	86	10.45	.114	31	27	1.01	24	.01	3	2.63	.01	.01	1	.01	.006
8671	1	8	8	55	.1	5	3	935	.33	4	5	ND	3	95	2	3	7	5	26.24	.016	6	2	1.13	4	.01	3	.12	.01	.01	1	.01	.001
8672	1	5	17	125	.2	4	1	1373	.44	4	5	ND	1	121	1	2	6	8	33.53	.022	9	3	.62	4	.01	2	.13	.01	.01	1	.03	.001
8673	1	339	23	1208	1.5	21	10	884	4.62	6	5	ND	1	30	5	2	11	33	2.63	.062	6	10	.78	2	.01	2	.11	.01	.01	1	.07	.001
8674	1	209	21	1510	.9	26	12	1097	5.58	5	5	ND	2	56	7	2	4	61	5.47	.071	10	9	1.26	5	.01	2	.16	.01	.01	1	.01	.001
8675	2	2144	22	2193	4.2	21	46	1357	11.55	9	5	ND	2	11	2	2	2	59	.46	.048	4	9	.55	2	.01	2	.09	.01	.02	7	.13	.001
8676	1	1679	20	1231	5.0	23	10	705	3.78	3	5	ND	1	34	5	2	2	29	2.06	.008	5	11	.68	2	.01	6	.0º	.01	.01	1	.15	.002
8677	1	983	253	837	3.8	18	5	.448	2.06	2	5	ND	1	27	6	2	2	47	1.88	.034	13	5	.57	2	.01	7	.07	.01	.01	1	.09	.002
8678	1	166	29	1039	.8	13	4	528	1.95	5	5	ND	1	27	9	2	2	28	3.99	.054	9	7	.64	2	.01	5	.09	.01	.01	1	.03	.001
8679	2	834	79	2227	.7	44	11	685	4.09	65	5	ND	1	13	17	2	7	55	1.13	.044	9	9	.80	2	.01	2	.15	.01	.01	1	.04	.001
8680	1	13	13	88	.4	4	1	661	.32	3	5	ND	1	120	1	2	5	2	38.07	.017	8	1	.14	4	.01	5	.02	.01	.01	1	.01	.002
8681	1	3	11	26	.1	1	1	426	.1º	3	5	ND	1	124	1	2	6	1	38.51	.014	6	1	.14	4	.01	5	.01	.01	.01	2	.01	.001
8682	1	555	38	2146	4.9	85	59	1085	19.54	39	5	ND	1	20	1	2	2	268	.97	.077	26	82	.87	57	.11	6	4.15	.03	.05	1	.18	.015
8683	1	127	55	470	.4	14	7	1005	1.98	36	5	ND	1	85	5	2	6	22	30.64	.064	16	3	.23	10	.01	2	.25	.01	.01	1	.03	.002
8684	1	46	22	64	.4	4	1	515	.40	4	5	ND	1	111	1	2	7	4	36.16	.073	9	1	.17	24	.01	8	.05	.01	.01	1	.02	.001
8685	1	226	117	530	.5	11	4	1138	1.48	68	5	ND	1	97	6	3	10	29	34.70	.055	14	3	.21	10	.01	2	.05	.01	.01	1	.02	.004
8686	1	19	15	120	.2	4	3	765	.56	18	5	ND	1	117	1	2	6	9	37.48	.017	7	1	.22	4	.01	3	.01	.01	.01	2	.01	.001
8687	7	761	853	2864	2.0	73	20	1343	8.35	159	5	ND	5	31	17	2	4	87	7.28	.333	29	19	.62	3	.01	2	.42	.01	.01	1	.05	.002
8688	1	6	23	68	.3	2	1	481	.23	2	5	ND	1	115	1	2	7	1	38.34	.010	8	1	.17	4	.01	2	.01	.01	.01	1	.02	.001
8689	1	241	87	3127	1.*	95	49	1642	21.34	18	5	ND	1	º	1	2	20	348	.32	.078	12	64	.85	32	.01	2	4.50	.01	.02	1	.04	.003
8690	1	133	176	2083	2.3	92	30	1768	16.05	8	5	ND	1	7	2	2	4	196	.42	.035	11	68	.92	71	.01	2	3.8º	.01	.14	1	.09	.005
STD C	19	57	44	129	7.0	69	28	1012	3.88	42	1º	8	33	48	17	18	1º	62	.47	.101	35	57	.83	177	.08	37	1.6*	.07	.13	12	2.94	-

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** OZ/T	AU** OZ/T
8691	1	79	73	2532	.3	101	38	1718	21.33	7	5	ND	1	6	1	2	2	225	.15	.001	23	95	1.14	61	.01	2	5.49	.01	.04	1	.01	.001
8707	1	229	48	1042	.6	48	29	1510	18.15	10	5	ND	3	10	1	2	10	185	.25	.034	9	51	.63	32	.01	18	3.16	.01	.06	2	.04	.001
8708	1	1340	72	1731	4.0	19	22	1264	26.41	51	5	6	4	38	7	2	117	457	2.91	.107	11	32	.33	9	.02	2	.42	.01	.03	34	.14	.228
8709	1	512	30	1064	1.4	16	9	996	5.89	7	5	ND	7	62	4	2	2	76	12.89	.108	11	9	.33	4	.01	2	.15	.01	.01	3	.06	.006
8710	1	656	40	1573	1.3	23	6	1408	2.92	10	5	ND	7	77	11	2	5	87	13.91	.051	12	10	1.07	5	.01	2	.38	.01	.01	4	.08	.001
8711	1	94	35	513	.5	13	4	911	1.51	2	5	ND	6	68	2	2	2	30	20.14	.045	13	11	.48	2	.01	2	.41	.01	.01	1	.05	.001
8712	1	86	29	387	.3	25	3	1136	1.49	5	5	ND	8	47	2	2	2	29	12.08	.054	16	8	.92	5	.01	2	.29	.01	.01	1	.02	.001
8713	1	66	17	439	.2	16	4	739	1.35	6	5	ND	5	32	1	2	2	15	6.37	.030	8	5	.79	6	.01	2	.10	.01	.02	1	.03	.001
8714	1	170	32	951	.7	36	7	937	3.28	36	5	ND	5	80	4	2	2	127	23.20	.117	16	14	.88	7	.01	2	1.20	.01	.01	1	.01	.001
8715	1	671	67	664	1.5	58	23	3071	21.47	43	5	ND	3	32	25	2	86	1374	1.44	.521	20	125	.27	320	.02	2	1.42	.01	.06	14	.04	.002
8716	1	711	34	874	.8	29	24	1238	19.14	15	5	ND	1	9	7	2	11	156	.47	.027	6	54	.65	35	.01	10	1.34	.01	.11	2	.03	.002
8717	1	447	58	1206	.6	51	45	1474	22.25	15	5	ND	3	15	2	2	16	253	.56	.099	10	71	.95	40	.01	7	3.03	.01	.07	1	.01	.002
8718	1	1011	250	1217	1.6	58	29	2936	27.37	21	5	ND	3	26	9	2	6	869	1.58	.324	13	43	.81	13	.01	2	.55	.01	.03	5	.05	.009
8719	1	547	2833	1720	3.4	96	29	1728	25.03	20	5	ND	3	19	13	2	15	886	1.16	.254	13	41	.82	20	.01	9	1.70	.01	.05	4	.12	.005
8720	1	938	29	1016	1.3	39	23	1642	14.77	8	5	ND	1	9	1	2	9	263	.43	.095	30	17	.90	32	.01	6	2.65	.01	.12	1	.04	.011
8721	1	1447	124	2452	4.9	60	19	855	8.09	14	5	ND	4	52	41	2	10	274	7.16	2.350	105	15	.53	14	.01	2	1.20	.01	.01	15	.23	.010
8722	5	532	139	1844	2.2	35	9	682	7.90	51	5	2	1	17	22	2	11	161	1.84	.609	52	13	.60	9	.01	2	.85	.01	.03	6	.09	.028
8735	1	1029	194	824	2.2	10	12	328	29.83	154	5	ND	3	5	3	20	8	409	.13	.072	8	1	.03	27	.01	19	.11	.01	.03	89	.09	.001
8736	1	2845	101	4071	5.9	37	40	2056	36.36	89	5	ND	4	12	11	4	2	376	.52	.062	12	22	.49	20	.05	9	.62	.02	.04	38	.19	.003
8737	2	2306	20	2486	3.8	56	28	2297	17.65	13	5	ND	2	10	6	2	2	203	.49	.084	12	16	.28	5	.01	6	.09	.01	.02	14	.15	.004
8738	1	2313	53	4191	4.5	67	40	2926	31.80	29	5	ND	2	17	9	2	2	408	1.13	.087	21	33	.59	7	.01	2	.20	.01	.03	28	.14	.007
8739	1	3241	66	4085	11.8	45	41	2707	29.19	17	5	ND	4	27	12	2	2	397	2.12	.098	20	18	.93	5	.01	8	.17	.01	.02	23	.40	.008
8740	1	381	99	1186	3.4	10	16	489	29.44	30	5	ND	2	4	10	2	15	750	.13	.181	5	29	.04	18	.01	7	.08	.01	.02	14	.08	.004
8741	1	480	108	1270	6.4	14	21	734	29.37	39	5	ND	3	11	5	2	66	1197	.26	.138	8	26	.16	11	.04	16	.20	.01	.02	16	.22	.061
8742	1	675	111	1621	8.4	12	17	1611	31.83	44	5	ND	3	7	7	2	147	1387	.25	.086	3	16	.17	7	.01	14	.09	.01	.02	26	.27	.031
8743	1	1428	90	3922	9.2	37	28	3148	35.88	39	5	ND	3	21	10	2	328	725	.63	.089	9	28	.70	9	.01	26	.30	.01	.08	16	.43	.035
8744	2	3931	135	4018	18.3	24	22	2982	36.73	46	7	ND	3	28	12	2	31	406	.82	.088	7	22	.47	9	.03	18	.23	.01	.03	38	.62	.007
8745	4	4030	89	5780	4.0	17	19	2509	36.88	45	5	ND	3	24	9	5	2	156	.71	.058	6	10	.74	9	.02	21	.33	.01	.03	64	.15	.001
8746	3	1544	65	2759	2.0	12	20	1776	24.36	37	5	ND	2	12	4	2	3	148	.39	.023	4	13	.56	7	.03	4	.17	.01	.01	38	.06	.001
8747	4	1284	50	6069	1.6	27	33	2941	26.07	21	5	ND	2	22	9	2	2	154	1.11	.027	7	12	1.14	7	.01	11	.12	.01	.03	51	.06	.001
8751	1	2531	332	1802	3.0	7	19	446	35.14	164	5	ND	3	6	7	23	2	582	.04	.056	11	3	.03	37	.05	18	.17	.01	.02	74	.10	.002
8752	1	3229	110	4209	4.1	41	36	2466	38.20	72	5	ND	3	12	15	13	2	471	.63	.064	11	22	.51	16	.02	22	.49	.01	.04	56	.16	.002
8753	1	1551	265	2591	21.7	26	41	3824	35.32	55	5	3	3	14	16	2	226	665	.89	.099	9	21	.34	11	.01	11	.32	.01	.01	21	.70	.081
8754	1	1850	217	1810	19.9	15	29	2770	32.70	74	5	ND	3	16	9	6	42	388	.91	.087	11	24	.46	14	.05	17	.39	.01	.03	44	.65	.039
STD C	20	61	40	140	6.7	68	30	1031	3.92	42	15	8	33	49	18	17	22	64	.45	.096	36	57	.86	181	.08	33	1.75	.07	.14	13	-	-

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AG** BY FIRE ASSAY. AU** BY FIRE ASSAY

DATE RECEIVED: JUN 11 1987 DATE REPORT MAILED: June 15/87 ASSAYER. D. Toye ....DEAN TOYE. CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES File # 87-1704A Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
8692	1	828	532	3191	3.5	91	11	980	5.77	233	5	ND	1	3	19	2	2	96	.12	.008	20	24	.57	5	.01	3	.17	.01	.01	1	.09	.002
8693	1	492	110	1884	1.2	65	8	1221	3.66	162	5	ND	1	8	7	2	2	75	.60	.011	29	18	.74	2	.01	2	.13	.01	.01	1	.06	.003
8694	1	436	17	1672	1.6	59	7	879	2.74	41	5	ND	1	13	10	3	2	73	.86	.179	32	20	.49	8	.01	3	.24	.01	.01	1	.04	.001
8695	1	410	16	1438	2.3	54	6	907	2.52	33	5	ND	1	9	5	16	2	63	.80	.160	32	17	.48	3	.01	2	.32	.01	.01	1	.03	.002
8696	1	291	13	153	.4	11	1	385	.55	3	5	ND	1	113	1	2	9	11	44.93	.160	15	5	.28	3	.01	3	.05	.05	.01	4	.01	.001
8697	1	659	65	1225	2.3	61	12	1137	5.31	66	5	ND	3	44	5	2	2	77	9.71	.363	33	16	1.32	3	.01	2	.48	.07	.01	1	.08	.001
8698	1	13	12	67	.4	3	1	394	.29	5	5	ND	8	112	1	2	7	3	74.54	.032	8	2	.16	3	.01	4	.03	.31	.01	6	.03	.001
8699	1	3	6	24	.3	1	1	328	.14	2	5	ND	6	118	1	2	8	1	74.38	.016	5	1	.15	2	.01	2	.01	.31	.01	6	.01	.001
8700	1	382	12	1471	1.3	55	7	941	2.01	9	5	ND	1	74	4	2	3	4	25.38	.179	24	24	.61	4	.01	2	.79	.03	.01	1	.04	.001
8701	1	226	104	1131	.1	28	5	519	2.67	83	5	ND	1	11	7	2	2	28	1.30	.031	7	6	.75	1	.01	2	.10	.01	.01	1	.01	.001
8702	1	145	55	724	.3	28	5	588	2.77	47	5	ND	1	15	3	2	2	29	1.67	.043	5	14	.87	1	.01	2	.12	.01	.01	1	.01	.001
8703	1	205	101	1253	1.1	36	6	870	3.90	110	5	ND	1	29	8	2	2	35	3.62	.083	8	12	1.21	3	.01	2	.22	.03	.02	1	.03	.001
8704	1	457	110	1873	4.1	48	13	890	4.04	186	5	ND	1	35	9	2	2	341	4.47	.172	11	15	1.28	3	.01	2	.33	.04	.01	1	.13	.001
8705	2	891	48	2512	5.4	82	16	842	5.16	116	5	ND	1	35	10	2	2	320	3.63	.180	14	21	1.19	3	.01	2	.45	.04	.01	1	.19	.001
8706	3	559	78	1442	5.0	53	12	572	3.55	149	5	ND	1	27	7	2	2	13	3.85	.191	9	12	.81	4	.01	2	.27	.03	.03	1	.14	.001
8723	1	1926	100	9216	2.7	156	188	4377	20.30	63	5	ND	2	11	27	2	2	359	.88	.166	32	40	.89	9	.01	2	1.92	.01	.01	1	.07	.031
8724	1	305	255	1476	1.5	80	36	1028	8.70	87	5	ND	1	14	7	2	2	131	.47	.158	29	17	1.14	55	.02	12	3.43	.02	.19	1	.06	.001
8725	1	59	29	544	.7	15	10	566	2.06	18	5	ND	1	4	6	2	2	24	.37	.012	2	5	.27	2	.01	2	.13	.01	.01	1	.01	.001
8726	1	90	30	370	.1	9	7	477	1.22	44	5	ND	1	2	8	2	2	17	.11	.003	2	6	.13	44	.01	2	.13	.01	.01	1	.01	.001
8727	1	37	22	415	.1	10	3	830	1.15	2	5	ND	1	9	6	2	2	16	.87	.003	2	7	.46	4	.01	2	.14	.01	.01	1	.01	.001
8728	1	204	33	917	1.0	8	8	1425	3.23	1977	5	ND	3	49	4	16	2	42	1.55	.155	16	5	1.30	62	.01	8	1.95	.05	.12	1	.02	.001
8729	5	245	30	1037	.8	3	7	1022	4.20	2199	5	ND	2	73	8	2	2	39	10.04	.115	9	4	1.01	62	.01	6	1.54	.11	.08	1	.06	.001
8730	1	355	154	3897	2.5	289	21	1445	9.07	50	5	ND	2	7	4	2	2	269	.33	.130	89	57	1.72	91	.01	4	2.78	.02	.02	1	.10	.002
8731	1	45	26	1016	.6	24	3	690	1.15	25	5	ND	1	15	2	2	2	19	1.81	.039	9	3	.47	9	.01	3	.15	.01	.02	1	.02	.001
8732	1	41	17	478	.4	26	3	526	.91	10	5	ND	1	12	1	2	2	18	1.32	.012	15	8	.41	11	.01	3	.15	.01	.03	1	.05	.001
8733	1	45	17	487	.3	31	4	472	1.05	19	5	ND	1	14	1	2	2	22	1.40	.005	9	10	.64	3	.01	2	.30	.01	.01	1	.01	.001
8734	2	79	21	757	.9	28	5	908	2.23	35	5	ND	1	7	4	2	2	26	.53	.005	10	11	.59	11	.01	2	.72	.01	.01	1	.05	.001
8748	2	672	104	2625	1.3	9	21	1464	27.52	59	5	ND	3	56	8	2	2	121	2.52	.038	9	1	.65	11	.01	2	.10	.02	.01	160	.04	.001
8749	1	830	22	2680	1.9	21	28	2047	7.27	7	5	ND	2	95	10	2	2	90	6.19	.042	12	13	1.35	2	.01	2	.09	.05	.01	2	.04	.001
8755	1	562	724	874	1.7	17	7	834	4.91	8	5	ND	1	3	5	2	3	30	.15	.009	2	7	.28	2	.01	3	.08	.01	.01	1	.05	.001
8756	1	1292	412	2286	2.1	21	8	841	5.07	271	5	ND	1	10	32	8	2	57	.91	.023	25	10	.44	4	.01	3	.12	.01	.01	1	.13	.001
8757	9	1404	615	1371	.6	22	6	657	2.57	320	5	ND	1	10	13	9	2	50	.81	.025	16	10	.29	9	.01	2	.08	.01	.01	1	.03	.001
8758	3	1065	103	482	2.9	26	9	789	1.89	48	5	ND	1	23	3	2	2	58	3.14	.037	11	9	.83	2	.01	2	.14	.02	.01	1	.10	.001
8759	2	763	47	409	1.7	19	4	576	1.82	44	5	ND	1	15	2	2	2	56	1.64	.045	12	8	.60	2	.01	3	.07	.01	.01	1	.08	.001
8760	1	188	43	497	.3	31	3	756	2.59	3	5	ND	1	15	2	2	2	40	1.54	.073	16	11	.81	2	.01	2	.15	.01	.01	1	.01	.001
8761	1	299	29	280	.5	34	3	626	2.13	12	5	ND	1	17	1	2	2	52	1.54	.101	9	10	.82	2	.01	2	.13	.01	.01	1	.04	.001
STD C	20	59	40	142	7.0	71	29	1047	3.94	42	17	7	35	49	18	18	19	66	.47	.105	37	60	.83	185	.09	34	1.72	.07	.13	13	-	-

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
8762	2	1500	42	1427	4.2	75	14	875	3.67	37	5	ND	1	21	5	2	2	200	2.28	.204	21	27	1.25	4	.01	2	.63	.02	.01	1	.13	.001
8763	1	224	2º	947	1.4	30	4	676	1.º2	31	5	NO	2	39	6	2	2	37	10.51	.071	º	7	.8º	3	.01	2	.6º	.07	.01	1	.03	.001
8764	1	1703	25	2073	7.8	22	10	1063	5.21	4	5	.ND	1	24	11	2	2	87	2.44	.103	14	14	.75	2	.01	2	.21	.02	.01	1	.1º	.001
8765	1	31	28	285	1.0	13	3	º91	2.36	118	5	ND	2	147	2	2	2	10	47.70	.030	7	5	.73	4	.01	2	.04	.06	.01	3	.03	.001
8766	1	581	750	799	1.8	20	5	464	3.30	7	5	ND	1	º	5	2	3	42	.71	.012	18	11	.30	1	.01	2	.07	.01	.02	1	.06	.001
8767	1	41º	46	24º6	1.6	41	10	1410	4.76	12	5	ND	1	26	23	2	2	º5	2.53	.039	16	13	.94	1	.01	2	.10	.02	.01	1	.03	.001
8768	1	42º	207	7757	.7	39	19	3300	8.ºº	6º	5	ND	3	244	48	4	2	360	10.5º	.07º	14	15	2.02	4	.01	2	.12	.07	.01	1	.01	.001
876º	1	140	99	849	.1	31	5	78º	1.96	13	5	ND	1	26	4	2	2	43	2.32	.043	9	9	.91	1	.01	2	.10	.02	.01	1	.02	.001
8770	1	180	36	889	.7	33	4	8º1	1.67	4	7	ND	1	24	3	2	2	56	3.25	.0º7	13	11	1.12	1	.01	2	.12	.03	.02	1	.01	.001
8771	1	144	30	901	1.0	29	5	689	2.37	16	5	ND	2	86	4	2	2	32	25.46	.097	12	8	.75	3	.01	2	.12	.04	.01	1	.01	.001
8772	1	238	36	1304	3.6	50	10	1048	4.35	62	5	ND	2	71	5	2	2	50	14.7º	.114	º	15	1.45	3	.01	2	.20	.07	.01	1	.11	.001
8773	1	9	9	47	.5	6	1	335	.58	19	6	ND	1	111	1	2	3	24	23.65	.049	9	7	.52	2	.01	2	.19	.04	.02	2	.01	.001
8774	2	1226	363	2330	5.6	57	131	4354	34.07	128	5	ND	3	27	8	2	80	834	1.40	.309	18	124	.84	1º	.01	2	3.25	.01	.02	1	.14	.099
8775	1	1299	223	3463	3.9	177	2ó	1575	6.61	18	5	ND	1	6	3	2	2	204	.60	.143	31	49	3.00	13	.01	2	2.69	.01	.02	1	.12	.005
8776	1	192	11	1695	1.1	70	4	817	1.40	12	5	ND	1	17	3	2	2	38	3.02	.115	23	14	.75	4	.01	2	.19	.02	.01	1	.04	.001
8777	1	64	8	301	.9	24	2	7º5	1.02	4	5	ND	1	15	1	2	2	19	2.46	.027	34	7	.86	2	.01	2	.11	.01	.01	1	.02	.001
8778	1	6º	3	221	.5	19	2	461	.98	6	5	ND	1	9	1	2	2	21	.97	.021	33	9	.38	3	.01	2	.17	.01	.01	1	.02	.001
8779	1	273	23	2731	2.1	32	10	1543	3.93	21	5	ND	3	49	4	2	2	º2	15.53	.165	32	22	1.84	36	.01	3	2.33	.07	.04	1	.07	.001
8780	1	279	34	1582	.2	64	15	782	25.76	27	5	ND	3	12	1	2	2	308	.47	.061	12	103	.72	6º	.01	11	5.75	.01	.03	1	.01	.001
8781	6	2787	76	5285	6.8	42	47	2193	36.49	51	5	16	3	21	12	2	7	421	.95	.153	17	54	.70	20	.01	2	1.93	.01	.02	5	.11	.231
8782	1	651	49	1626	2.2	39	7	824	5.49	16	5	ND	1	7	10	2	2	103	.92	.134	28	27	.47	18	.01	2	.67	.01	.01	1	.08	.025
8783	1	91	59	527	1.1	21	3	1392	1.41	17	5	ND	3	71	2	2	2	34	18.56	.061	17	10	.52	7	.01	2	.18	.06	.01	1	.01	.001
8784	1	108	42	832	.8	59	6	562	1.80	14	5	ND	1	16	2	2	2	52	2.00	.092	11	11	.53	10	.01	2	.13	.01	.01	1	.03	.001
8785	1	163	26	1542	1.5	82	7	747	2.55	25	5	ND	1	17	4	2	2	58	1.58	.072	10	15	.91	2	.01	2	.14	.01	.01	1	.03	.001
8786	2	198	50	1467	2.6	57	8	803	2.34	24	5	ND	1	28	8	2	2	51	5.12	.199	16	16	.9º	3	.01	2	.18	.04	.01	1	.07	.001
8787	1	90	22	767	1.8	36	5	1250	1.42	14	5	ND	3	60	3	2	2	29	18.11	.136	19	9	1.10	3	.01	2	.23	.06	.01	1	.05	.002
8788	3	158	30	1210	1.4	46	7	552	1.78	24	5	ND	1	27	5	2	2	60	5.88	.196	22	20	1.04	3	.01	2	.90	.05	.01	1	.03	.004
8789	1	1542	7	5346	9.1	64	25	2130	11.54	4	5	ND	1	4	41	2	2	153	.41	.036	15	24	.58	4	.01	3	.15	.01	.02	1	.28	.001
8790	2	1787	170	2946	7.4	71	14	2548	4.86	112	5	ND	1	13	74	2	2	87	3.59	.286	52	19	.55	14	.01	2	.91	.03	.01	1	.20	.002
STD C	20	57	38	138	6.9	71	29	1028	3.95	43	15	7	34	48	18	15	21	65	.47	.102	37	63	.84	181	.09	38	1.72	.07	.14	13	–	–

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AG** BY FIRE ASSAY, AU** BY FIRE ASSAY

DATE RECEIVED: JUNE 15 1987 DATE REPORT MAILED: June 17/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES File # 87-1785

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
8790	2	354	86	343	3.4	1	4	3574	2.50	248	5	ND	1	127	3	2	11	2	34.06	.021	6	2	.28	4	.01	2	.07	.01	.01	1	.15	.012
8791	8	450	47	231	3.2	310	116	700	15.77	2339	5	ND	1	53	2	2	36	433	5.14	.454	25	18	.84	17	.01	3	2.52	.02	.01	4	.13	.013
8792	1	300	52	348	1.3	45	12	1338	30.01	761	5	ND	2	48	6	2	30	443	4.14	.259	9	6	.30	12	.01	2	.43	.01	.02	72	.06	.016
8793	55	229	165	102	2.3	11	12	965	28.20	150	5	ND	3	43	3	2	248	250	5.71	.244	5	2	.16	8	.03	2	.16	.01	.02	35	.09	.046
8794	15	121	116	150	3.2	37	16	1482	29.37	852	5	ND	2	26	3	2	56	409	2.44	.117	4	5	.35	8	.04	2	.37	.01	.02	23	.12	.010
8795	3	230	22	251	1.2	65	19	2613	29.43	245	5	ND	2	21	5	2	126	478	1.74	.177	7	7	.45	10	.04	2	.66	.01	.03	25	.05	.011
8796	8	222	59	262	2.2	12	12	791	30.31	89	5	ND	1	17	5	4	1058	290	1.41	.164	4	3	.24	12	.03	6	.25	.01	.02	79	.07	.089
8797	21	449	147	312	4.8	33	17	985	26.86	164	5	2	2	34	6	2	2627	332	3.58	.214	14	4	.25	6	.03	6	.29	.01	.02	76	.16	.088
8798	1	1666	78	456	15.7	90	28	2484	25.50	269	5	4	2	49	7	2	1264	477	3.74	.187	21	4	.42	93	.02	3	.43	.02	.03	65	.65	.249
8799	1	996	90	908	14.7	70	31	3105	29.62	214	5	ND	2	21	12	2	918	332	1.76	.172	13	4	.45	44	.01	2	.45	.02	.05	78	.55	.045
8800	1	977	300	1079	13.5	74	27	1583	23.98	290	5	ND	2	34	14	2	1114	371	3.26	.169	13	5	.26	16	.01	3	.21	.01	.02	77	.50	.051
8801	1	2153	33	979	13.5	186	101	6240	27.93	682	5	ND	2	38	8	2	30	937	3.34	.148	7	2	.64	14	.01	33	.40	.02	.02	40	.51	.005
8802	1	981	38	948	12.5	242	93	3173	24.51	753	5	ND	3	60	11	2	36	758	7.04	.090	4	2	.49	43	.01	38	.87	.03	.03	33	.46	.052
8805	1	752	31	502	1.7	29	16	1547	29.21	108	5	ND	2	64	6	2	23	553	3.91	.107	7	5	.21	10	.01	3	.21	.01	.02	61	.07	.068
8818	1	143	54	255	1.2	24	15	2222	27.56	96	5	ND	2	70	5	2	13	436	4.06	.130	4	42	.29	31	.06	4	.55	.02	.03	6	.03	.008
8819	3	301	27	374	1.4	10	11	3072	24.26	61	5	ND	2	78	7	2	146	433	5.49	.185	10	15	.21	14	.03	3	.24	.02	.03	4	.05	.015
8820	1	659	33	591	1.6	8	10	511	28.08	95	5	ND	1	26	6	4	202	565	1.96	.150	4	5	.11	12	.01	3	.18	.01	.02	32	.06	.022
8821	1	789	66	898	1.1	10	12	1486	34.71	163	5	ND	2	25	6	6	7	451	1.26	.136	5	9	.16	25	.02	28	.28	.02	.03	27	.05	.005
8822	1	813	63	1717	2.9	25	15	1403	34.98	104	5	ND	2	58	16	2	5	406	2.85	.124	14	12	.26	15	.01	7	.34	.03	.03	23	.12	.002
8827	1	2140	48	972	5.0	14	13	2263	20.53	479	5	ND	2	96	7	2	36	446	8.38	.105	14	8	.36	9	.01	4	.04	.02	.02	4	.17	.115
8834	2	4633	26	3045	1.6	49	44	1559	19.49	129	5	ND	2	57	28	2	7	108	8.63	.043	14	3	.85	6	.01	2	.22	.01	.08	9	.08	.001
8835	1	467	17	1548	3.0	63	31	2040	34.65	322	5	ND	2	29	5	3	3	245	.78	.118	11	4	.46	12	.01	41	.11	.03	.03	27	.11	.005
8836	1	293	24	1244	.9	20	29	2793	29.85	112	5	ND	2	13	7	2	6	175	1.06	.056	6	4	.55	6	.01	6	.01	.01	.03	9	.02	.001
8846	1	182	20	1070	.7	25	20	1368	32.31	47	5	ND	2	95	4	2	5	168	1.52	.091	8	4	.72	10	.01	3	.05	.01	.04	20	.01	.001
STD C	19	58	43	133	6.7	62	29	1007	3.93	43	18	8	33	48	16	17	23	61	.47	.100	36	57	.87	180	.08	35	1.72	.07	.14	14	-	-

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED JUNNE 5 1987

DATE REPORTS MAILED June 24/87

ASSAY CERTIFICATE

SAMPLE TYPE : REJECT
AU BY FIRE ASSAY
ND=NONE DETECTED

ASSAYER D Toye DEAN TOYE . CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES PROJECT VI FILE# 87-1456R

SAMPLE	Sample wt. gm	Au-100 oz/t	Native Au mg	Average oz/t
8542	580	1.680	ND	1.680
8543	520	.144	.02	.145
8548	520	.272	ND	.272
8550	510	.220	.02	.221
8552	470	.108	ND	.108
8557	530	.148	.02	.149
8564	250	.172	ND	.172
8567	500	.146	.03	.147
8573	170	.284	ND	.284
8574	580	.116	.01	.117
8575	620	.277	ND	.277
8577	550	.163	.02	.164
8578	540	.236	.01	.237
8580	580	.165	ND	.165
8581	600	.375	.03	.377
8589	560	.428	.06	.431
8619	480	.332	ND	.332
8620	520	.324	.02	.325
8625	490	.188	ND	.188
8652	450	1.084	ND	1.084
8656	570	.484	.02	.485

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AG# BY FIRE ASSAY. AU# BY FIRE ASSAY

DATE RECEIVED: JUN 18 1987 DATE REPORT MAILED: June 25/87 ASSAYER.. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

CANAMIN RESOURCES File # 87-1867A Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG# OZ/T	AU# OZ/T
8803	21	131	33	190	2.9	114	13	1277	18.58	815	5	ND	2	36	2	2	17	631	1.81	.147	12	20	.82	22	.01	3	3.07	.02	.01	3	.12	.019
8804	1	180	36	250	1.9	26	10	2421	30.91	223	5	ND	2	67	3	2	2	1020	8.51	.139	12	7	.09	54	.02	50	.12	.01	.01	49	.12	.004
8806	1	150	2	178	.5	9	3	632	5.52	104	5	ND	1	137	2	2	2	81	35.91	.034	6	2	.22	4	.01	2	.98	.01	.01	16	.02	.020
8807	1	390	17	294	1.2	22	10	1008	9.40	345	5	ND	1	142	3	2	6	110	29.77	.062	13	4	.39	6	.01	2	.07	.01	.01	6	.06	.027
8808	1	225	7	373	.8	14	5	1371	12.38	36	5	ND	1	111	3	2	13	235	25.46	.070	8	5	.40	27	.01	2	.01	.01	.01	32	.06	.013
8809	1	30	2	60	.1	3	1	869	1.39	13	5	ND	1	151	1	2	2	25	40.14	.030	6	1	.20	2	.01	3	.01	.01	.01	1	.01	.001
8810	1	107	2	131	.4	1	2	2163	7.05	28	5	ND	1	119	1	2	2	39	32.51	.031	6	5	.30	2	.01	2	.01	.01	.01	1	.03	.002
8811	1	1617	30	368	2.3	4	12	4599	27.17	688	5	ND	1	40	4	2	6	357	7.17	.058	9	29	.47	2	.01	3	.01	.01	.01	4	.08	.052
8812	4	2779	106	349	8.2	2	16	4739	30.76	1779	5	ND	3	40	4	2	32	262	4.80	.050	12	22	.49	4	.01	4	.01	.01	.01	4	.32	.062
8813	22	1763	174	750	7.7	5	15	4801	31.00	8295	5	ND	4	29	6	8	9	92	3.22	.033	7	8	.43	3	.01	2	.01	.01	.02	4	.33	.022
8814	1	200	18	922	1.1	36	14	5536	24.27	157	5	ND	2	57	4	2	8	58	6.97	.149	17	12	.89	6	.01	2	.16	.01	.06	2	.09	.005
8815	17	120	9	850	2.1	88	12	3634	13.11	332	5	ND	1	66	3	2	5	36	10.05	.156	12	4	.64	6	.01	4	.27	.02	.07	2	.04	.009
8816	30	34	10	437	.9	3	5	3276	10.76	195	5	ND	1	99	2	2	2	20	22.98	.082	11	5	.45	4	.01	3	.01	.01	.01	2	.05	.004
8817	1	128	6	17	.1	1	1	2194	2.77	152	5	ND	1	145	1	2	2	1	37.52	.029	4	1	.24	4	.01	2	.01	.01	.01	1	.01	.001
8823	1	109	18	757	.8	17	8	1430	9.05	33	5	ND	1	123	6	2	2	61	26.76	.076	9	6	.22	5	.01	5	.08	.02	.01	1	.06	.001
8824	1	2706	114	1984	10.4	34	49	1873	15.97	496	5	ND	1	119	16	2	2	133	18.21	.241	17	10	.28	9	.01	9	.12	.03	.03	6	.40	.005
8825	1	4794	40	1275	8.0	29	43	3259	17.46	550	5	ND	1	135	9	2	2	173	18.42	.279	30	5	.25	56	.01	10	.10	.03	.02	5	.33	.049
8826	1	2033	36	732	6.6	19	19	3017	21.39	296	5	ND	1	127	5	2	25	274	12.73	.089	16	7	.22	71	.01	17	.05	.02	.02	1	.26	.030
8828	1	867	150	1175	1.3	50	13	2171	33.72	240	5	ND	3	122	15	2	2	743	7.43	.172	11	19	.26	28	.03	6	.33	.02	.03	60	.05	.002
8829	1	829	71	568	1.2	12	10	3364	29.83	102	5	ND	3	63	7	2	2	464	5.17	.108	4	9	.23	12	.01	5	.13	.01	.02	33	.11	.001
8830	1	1939	87	787	1.2	19	12	2603	25.15	231	5	ND	2	106	12	2	2	486	8.30	.142	16	18	.24	390	.01	9	.21	.01	.03	45	.08	.002
8831	1	1081	120	1266	2.1	51	14	639	28.04	84	5	ND	4	58	4	2	2	115	1.17	.058	8	10	.49	77	.01	29	4.45	.08	.03	5	.11	.004
8832	1	8101	242	1217	23.8	39	62	2600	24.65	226	5	ND	3	48	19	2	12	1329	5.55	.139	20	8	.30	16	.01	10	.29	.01	.06	12	.86	.003
8833	1	108	6	38	.1	1	1	1213	.55	5	5	ND	1	153	1	2	2	21	37.87	.016	4	1	.21	5	.01	2	.02	.01	.01	1	.02	.001
8837	1	599	29	1298	3.1	19	23	2232	29.37	1081	5	ND	4	20	6	2	9	222	1.89	.057	11	9	.70	5	.01	10	.03	.01	.02	8	.16	.002
8838	1	789	38	833	1.3	29	19	2868	27.05	90	5	ND	2	58	9	2	3	132	5.66	.062	15	8	.74	15	.01	2	.03	.01	.02	5	.07	.002
8839	1	61	7	552	.7	34	13	549	12.38	37	5	ND	2	33	15	2	3	117	1.89	.047	8	8	.83	14	.01	9	.26	.02	.03	3	.01	.004
8840	1	107	18	554	1.1	44	11	853	10.83	36	5	ND	2	34	2	2	5	160	3.36	.103	9	8	.79	8	.01	2	.14	.01	.01	3	.06	.002
8841	13	149	102	926	3.0	71	30	1005	28.50	589	5	ND	3	69	7	2	3	420	6.28	.106	14	14	.88	16	.01	11	.74	.01	.04	5	.11	.009
8842	1	218	37	1451	1.5	39	31	1944	31.05	164	6	ND	3	111	9	2	18	91	6.15	.045	10	8	.57	16	.01	30	.10	.01	.03	18	.07	.004
8843	1	116	27	1806	.6	25	25	1784	31.90	164	5	ND	2	62	7	2	2	161	6.01	.053	11	11	.30	9	.01	106	.10	.01	.01	21	.08	.006
8844	1	113	16	3664	2.2	40	28	1771	27.18	123	5	ND	3	87	26	2	2	160	7.62	.051	12	5	.46	6	.01	4	.04	.01	.06	9	.09	.007
8845	1	81	29	1406	2.1	16	15	1626	26.87	47	5	ND	2	114	7	2	4	147	8.19	.073	18	6	.57	8	.01	6	.02	.01	.04	9	.07	.001
8847	1	104	15	847	1.1	22	15	1309	19.79	42	5	ND	1	140	3	2	2	222	14.50	.064	8	4	.75	12	.01	6	.01	.01	.01	5	.05	.002
8848	1	244	14	1631	2.2	84	29	2760	9.85	31	5	ND	2	20	4	2	2	292	2.95	.157	24	10	.35	5	.01	2	.20	.01	.02	8	.06	.012
8849	1	73	34	1905	2.0	107	33	2458	22.16	81	5	ND	2	42	5	2	2	327	6.76	.165	14	1	.32	6	.01	2	.02	.01	.01	236	.05	.037
STD C	19	60	36	138	7.0	72	28	1022	3.87	43	17	8	34	48	17	17	22	63	.45	.104	36	58	.85	181	.08	39	1.72	.07	.14	12	-	-

CANAMIN RESOURCES FILE # 87-1867A

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG** OZ/T	AU** OZ/T
8850	1	22	15	538	.1	34	14	714	11.58	60	5	ND	3	14	2	2	2	191	2.90	.058	4	5	.09	3	.01	2	.01	.01	.01	142	.02	.001
8851	1	74	9	308	.4	12	4	1061	1.92	20	5	ND	1	101	3	2	2	38	29.65	.038	5	3	.11	4	.01	2	.01	.01	.01	3	.02	.005
8852	16	3577	44	26479✓	6.4	59	41	5420	24.98	121	5	ND	3	14	308	2	5	629	1.33	.102	10	16	.69	11	.01	2	.02	.01	.02	1	.21	.007
8853	1	1660	71	7807	4.4	68	56	2336	34.39	275	5	ND	3	22	55	2	11	1380	2.14	.108	13	8	.59	19	.01	2	.20	.01	.02	202	.20	.014
8854	1	749	35	1320	6.7	81	33	4085	22.21	322	5	ND	1	65	11	2	5	264	11.95	.095	19	5	.86	19	.01	15	.48	.04	.01	1	.24	.002
8855	3	2314	38	6243	5.8	60	54	1015	28.54	53	5	ND	3	29	38	2	2	180	1.00	.050	19	3	1.42	8	.01	4	.63	.01	.04	1	.21	.001
8856	1	1284	24	2128	3.8	98	78	6223	23.68	69	5	ND	3	38	6	2	2	372	4.13	.061	12	6	1.68	4	.01	2	.17	.01	.02	25	.15	.001
8857	1	657	10	1996	2.2	56	67	2701	13.79	47	5	ND	2	23	12	2	3	276	2.30	.052	9	6	1.12	3	.01	2	.14	.01	.01	2	.08	.001
8858	1	106	117	338	.1	103	59	1403	12.85	22	5	ND	2	39	1	2	2	228	1.07	.087	20	110	1.15	201	.05	18	2.88	.02	.39	1	.01	.001
8859	1	105	47	709	.7	52	25	695	3.76	7	5	ND	2	15	1	2	3	158	.36	.030	14	27	.66	137	.01	6	1.65	.01	.31	1	.01	.001
8860	1	135	254	1738	1.9	196	46	815	10.81	7	5	ND	2	16	1	2	4	228	.36	.072	26	32	1.18	253	.03	13	3.41	.01	.45	1	.10	.001
8861	1	264	46	3965	2.4	154	23	2063	7.00	20	5	ND	2	25	30	2	4	1023	3.82	.360	38	19	.30	24	.02	2	.30	.01	.04	1	.05	.002
8862	1	647	34	2277	5.5	146	27	2707	13.02	23	5	ND	1	50	7	2	3	548	10.40	.250	30	10	.39	11	.01	2	.24	.01	.01	3	.15	.005
8863	1	24	33	174	.3	5	1	978	.38	2	5	ND	1	147	1	2	2	14	36.95	.023	5	1	.19	5	.01	2	.01	.01	.01	1	.01	.001
8864	1	689	768	766	12.2	8	21	1397	20.18	11917	5	ND	1	41	6	2	7	19	10.08	.012	3	6	.95	5	.01	7	.10	.01	.01	1	.42	.005
8865	4	370	36	2805	1.0	55	21	2612	33.27	4743	5	ND	4	79	12	2	7	486	4.68	.127	32	6	.77	52	.01	140	.21	.07	.03	1	.05	.003
8866	1	372	42	5147	1.1	44	66	2774	26.44	56	5	ND	3	13	41	2	4	388	.75	.115	20	26	.72	10	.01	3	.99	.01	.07	1	.01	.001
8867	1	967	110	5135	2.9	21	86	2340	38.82	55	5	ND	3	13	16	2	5	661	.75	.164	12	11	.30	7	.01	2	.39	.01	.02	6	.12	.003
8868	1	2396	87	4853	5.1	20	42	2345	43.21	72	5	ND	5	16	13	4	62	771	.63	.097	8	16	.32	16	.01	2	.61	.01	.03	27	.11	.001
8869	2	800	47	6084	1.5	27	54	3658	33.67	58	5	ND	3	26	12	2	17	387	1.64	.081	11	16	.42	6	.01	2	.30	.01	.01	4	.02	.001
8870	2	1386	66	4425	2.7	21	31	3011	34.96	57	5	ND	5	18	5	2	42	480	1.50	.099	8	25	.37	7	.01	2	.26	.01	.03	23	.07	.039
8871	1	1619	50	5209	3.2	28	37	3312	33.18	46	5	ND	5	18	6	2	29	382	1.35	.097	10	19	.59	3	.01	2	.32	.01	.03	1	.10	.025
8872	1	1626	47	5473	4.2	26	45	3472	35.84	53	5	ND	4	13	7	2	89	462	.96	.109	7	22	.66	5	.01	2	.31	.01	.03	10	.14	.017
8873	1	2392	72	4634	7.6	21	67	3026	36.11	64	5	17	4	18	7	2	65	554	1.46	.114	8	36	.73	7	.02	2	.27	.01	.02	35	.21	.640
8874	3	3334	48	4340	49.3	26	39	2566	29.21	40	5	16	4	57	9	2	238	329	3.44	.107	12	13	.96	5	.01	2	.38	.01	.02	52	1.52	.808
8875	1	5538	26	2296	12.9	31	10	1361	5.92	13	5	ND	1	75	18	2	3	56	7.57	.062	12	13	1.24	4	.01	2	.28	.01	.01	1	.38	.007
8876	1	858	54	4426	8.1	41	54	4125	35.24	25	5	ND	3	12	8	2	7	252	.98	.141	17	35	.63	12	.01	2	.60	.01	.01	1	.24	.023
8877	2	1233	43	5393	5.3	47	47	1696	31.30	17	5	ND	2	12	5	2	13	211	.91	.157	176	19	.66	17	.01	2	.58	.01	.02	1	.17	.009
8878	1	985	65	3087	4.3	25	32	5303	34.64	59	5	ND	3	14	5	2	18	774	.47	.153	19	29	.16	112	.01	2	.40	.01	.02	36	.14	.002
8879	1	1129	47	4403	5.4	27	42	4699	35.75	31	5	ND	3	11	7	2	15	431	.82	.169	23	56	.43	161	.01	2	.54	.01	.02	1	.14	.009
8880	1	3941	64	1853	8.0	11	19	4477	31.74	58	5	ND	3	6	4	2	12	934	.55	.218	15	59	.15	115	.02	2	.30	.01	.02	19	.22	.028
8881	1	2048	93	1671	8.6	15	22	2386	34.75	82	5	ND	3	4	2	7	8	420	.43	.155	6	40	.17	62	.03	2	.34	.01	.02	36	.21	.005
8882	2	755	93	1283	7.8	17	23	2893	35.95	84	5	ND	4	5	2	2	13	301	.53	.113	9	48	.22	47	.05	2	.43	.01	.02	24	.25	.001
8883	1	1673	114	1524	2.7	20	31	2907	38.78	83	5	ND	3	6	3	2	48	401	.56	.094	8	52	.27	64	.08	2	.50	.01	.02	19	.08	.005
8884	1	3807	128	1401	14.9	17	40	4857	38.18	86	5	ND	4	8	3	2	49	549	.76	.142	11	43	.33	32	.08	2	.53	.01	.02	38	.41	.020
8885	1	904	155	1828	17.8	16	50	1957	36.72	93	5	3	4	10	5	2	107	510	.81	.180	10	52	.37	35	.12	2	.52	.01	.03	39	.57	.192
STD C	19	42	40	137	6.6	69	28	1014	3.79	44	17	8	33	47	17	17	22	63	.46	.099	35	58	.84	180	.08	38	1.74	.07	.13	13	-	-

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AG## OZ/T	AU# OZ/T
8886	1	753	66	2877	30.4	27	74	5914	24.04	43	5	5	3	9	6	2	7	221	1.02	.124	6	26	.66	13	.01	2	.14	.01	.02	1	.94	.292
8887	1	2838	67	2394	47.7	30	51	5894	22.32	16	5	3	2	10	6	2	14	207	1.07	.119	9	28	.67	11	.01	4	.10	.01	.01	1	1.49	.198
8888	1	1090	169	2183	4.4	36	28	1590	9.75	107	5	ND	1	4	32	7	2	101	.33	.039	16	14	.41	4	.01	2	.08	.01	.01	1	.14	.009
8889	1	1123	142	1900	4.6	40	13	1200	6.13	236	5	ND	1	15	17	3	2	77	3.46	.199	17	11	.34	5	.01	2	.10	.01	.01	1	.16	.008
8890	2	456	394	1609	2.9	34	13	1879	5.41	316	5	ND	1	29	14	2	2	37	10.13	.170	16	9	.14	16	.01	2	.06	.01	.01	1	.11	.002
8891	1	19	9	122	.1	3	1	644	.60	52	5	ND	1	82	1	2	2	3	27.75	.023	9	1	.10	4	.01	2	.01	.01	.01	1	.02	.001
8892	1	25	9	107	.1	1	1	748	.68	79	5	ND	1	102	2	2	2	2	35.21	.010	10	1	.07	5	.01	2	.01	.01	.01	1	.02	.001
8893	1	53	10	95	.5	2	1	522	.86	114	5	ND	1	85	1	2	2	4	34.00	.012	8	1	.07	5	.01	2	.01	.01	.01	1	.03	.003
8894	1	19	802	1911	.9	1	1	606	.34	25	5	ND	1	56	9	2	2	1	26.13	.015	5	1	.05	1	.01	2	.01	.01	.01	1	.05	.001
8895	4	25	3119	4331	4.4	1	1	1943	.64	139	5	ND	1	81	20	2	2	1	33.79	.015	8	1	.09	3	.01	2	.01	.01	.01	1	.19	.001
87-VR-1	1	7	22	274	.1	2	2	290	.25	7	5	ND	1	17	1	2	2	2	15.97	.007	2	1	.77	1	.01	127	.03	.01	.01	1	.01	.001
87-VR-2	1	127	28	226	.8	32	19	611	3.48	33	5	ND	1	9	5	2	2	26	.38	.161	12	1	.73	67	.01	5	1.16	.02	.06	1	.02	.001
87-VR-3	1	391	16	58	1.0	16	21	1018	6.01	7	5	ND	3	9	1	2	16	63	.39	.038	9	14	.04	113	.01	2	.40	.01	.03	1	.05	.001
87-VR-4	1	910	15	101	.5	59	46	818	9.93	8	5	ND	1	9	1	2	2	65	.32	.051	2	32	1.24	22	.01	6	2.08	.04	.04	1	.04	.002
87-VR-5	3	63119✓	1659	305	231.3✓	5	45	280	6.99	417	5	ND	5	3	3	38	3398	105	.18	.082	3	2	.16	18	.01	8	.40	.01	.09	1	8.24	.058
87-VR-6	1	38	2	399	.1	2	4	44	.14	4	5	ND	1	16	1	2	2	1	2.31	.012	2	1	.07	1	.01	670	.05	.01	.01	1	.01	.001
STD C	19	63	42	134	7.0	65	28	1024	3.96	42	19	9	34	49	17	15	22	63	.47	.103	36	60	.86	183	.09	37	1.73	.07	.14	12	-	-

✓ ASSAY REQUIRED FOR CORRECT RESULT -

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No : 87-V-1 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : 90°

DATE BEGUN : May 5 /87

DATE FINISHED : May 6 /87

TOTAL DEPTH 17.37M (57.0')

CORE SIZE : HQ

SHEET No : 1/2

LOGGED BY : T. LISLE

DATE : May 6. 1987

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
0	0.30	No core.									
0.30	4.11	HEMATITE ZONE	8540	0.30	1.07	0.76			.675	2.05	29.46
(1.0'	13.5')	-5% to 60% hematite in tuff breccia.	8541	1.07	1.83	0.76			.592	1.07	29.29
		Porous, pitted and weathered.	8542	1.83	2.83	1.00			1.644	2.66	23.09
		-Hematite is red and black to 2.52, then red.	8543	2.83	4.02	1.19			.140	1.19	34.81
		-2.83 - 35° banding. Local 60°-70° banding	8544	4.02	4.81	0.79			.031	.51	9.06
		in other areas.									
		- Core Recovery = 90%									
4.11	6.40	CHERT, CHERT BRECCIA.									
(13.5'	21.0')	- Patchy hematite. Minor green fault.									
		bands ± 65° to C.A. - Well fractured.									
		- Core Recovery = 90%.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
6.40	9.54	Chert.									
(21.0'	-31.3)	- Section has 10% - 15% hematite locally in	91501	4.81	5.49	0.68			.001	.02	5.90
		irregular limonitic patches.	91502	5.49	6.40	0.91			.001	.04	6.27
		- Traces of malachite - Stony limonite ! Manganese	91523	6.40	7.40	1.00			.001	.69	25.57
		- Section well broken. C.R. ~ 85%	91524	7.40	8.40	1.00	85%		.001	.53	22.96
			91525	8.40	9.54	1.14			.001	.38	18.46
9.54	14.32	Chert Breccia.	91503	9.54	10.67	1.13			.001	.29	8.57
(31.3	47.0')	- Pale grey chert, with darker grey quartz									
		in softer honey-brown matrix									
		- Increasing amounts of green tuff									
		- Pilled from 11.90 M to 14.32.									
		- Trace to 1% pyrite.									
		- Core recovery ~ 85% except 11.88 - 12.80 M = 60%									
14.32	17.37	Limestone. (Crinoidal)									
(47.0'	57.6)	Top contact @ ~ 20°									
		Core Recovery 50% to 15.8M then 95%.									
	17.37	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V- 2 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : 0°

ELEVATION : DIP : -88°

DATE BEGUN : May /87

DATE FINISHED : May 7 /87

TOTAL DEPTH : 1402 (46.0')

CORE SIZE : HQ

SHEET No. : 1/3

LOGGED BY : T. LISLE

DATE : May 7, 1987

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
0	1.83	Overburden. (Casing.)									
1.83	2.74	Hematite Zone									
(6.0')	(9.0')	- Approximately 40% hematite. Local 35° banding	8545	0	1.83	1.83			.005	.24	26.17
		- Hematite appears to be in 10°-15° zone	8546	1.83	2.74	0.91			.027	.36	28.30
		between tuff and underlying chert.	91504	2.74	3.26	0.52			.001	.01	9.40
		- Core Recovery = 95%	8547	3.26	3.41	0.15			.007	.06	32.63
			91505	3.41	4.94	1.53			.001	.03	16.70
2.74	3.29	CHERT.	8548	4.94	5.85	0.91			.248	1.86	29.39
(9.0')	(10.8')	- Well fractured, limonitic, Mn. stained.									
		- Local hematite band @ 75° @ 283 m.									
		- Core Recovery = 95%									
3.26	3.43	TUFF.									
(10.7')	(11.2')	- As in 1.83 to 2.74 - with swirly hematite bands. - Core Recovery = 95%									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
3.43	5.18	CHERT.											
(11.25	17.0')	- Fractured, brecciated, limonitic with 10% pale green tuff bands at ~70°.											
		- Slightly calcareous. - Hematite scattered and in 40° fractures.											
		- Core Recovery = 85%.	91506	5.85'	6.70	0.85'			.001	.15	5.02		
			91507	6.70	7.31	0.61			.001	.07	5.77		
5.18	5.82	TUFF	91508	7.31	8.05	0.74			.001	.31	12.53		
(17.01	19.2')	- 20% hematite.	91509	8.05'	9.45'	1.40			.001	.70	15.88		
		- Grading to chert at bottom.	91510	9.45'	10.97	1.52			.001	.25	4.56		
		- Limonitic + Mn stain.	91511	10.97	12.59	1.62			.001	.17	7.28		
		- Core Recovery 85%											
5.82	7.92	CHERT.											
(19.2'	26.0')	- Strongly fractured, with limonite and manganese stain + malachite.											
		- 10% hematite											
		- 70° banding at bottom.											
		- Core Recovery = 90%											
7.92	8.84	TUFF.											
(26.01	29.0')	- Dark green mottled. Contacts @ 50°. Angular chert clasts near bottom. - Core Recovery = 80%											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	AU OPT	Ag OPT	Fe %		
8.84	10.97	CHERT.											
(29.0'	36.0')	- Grey-white, decreasing limonite											
		- lath? swirly quartz. cf 87-V-1, V-8											
		- 1% dark V.F.G. mineral.											
		- Core Recovery = 80%											
10.97	12.59	CHERT BRECCIA.											
(36.0	41.3')	- DARK GREEN (SHOULD THIS BE CALLED TUFF. Bx)?											
		- Clasts are silicified limestone.											
		- cf to 87-V-1 from 12.8 to 14.3 M.											
		- Core Recovery = 95% to 11.9M Then 60%											
		to 12.59.											
12.59	14.02	LIMESTONE											
(41.3	46.0')	- CRINOIDAL.											
		- Top Contact @ 40°.											
		- Core. Recovery = 85%.											
	14.02	END OF HOLE.											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V- 3 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : 0°

ELEVATION : DIP : -88°

DATE BEGUN : MAY 7 /87 SHEET No. : 1/2

DATE FINISHED : MAY 7 /87 LOGGED BY : T. LISLE

TOTAL DEPTH 12.50 (41.0') DATE : May 7/ 1987

CORE SIZE : HQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0.	3.81	CHERT BRECCIA.											
0	12.5'	-Abundant limonitic and manganese fractures											
		at 0°, 30° and 70°	91526	0	1.83	1.83			.001	.14	5.89		
		-Traces of pyrite and bornite; malachite.	91527	1.83	2.83	1.0			.001	.27	7.55		
		-Limestone fragment at 3.66 M.	91528	2.83	3.83	1.0			.001	.46	5.17		
		-Minor fine hematite.	91529	3.83	4.83	1.0'			.001	.33	3.91		
		-Core Recovery = 40% to 1.83M, then 90%.	91530	4.83	5.83	1.0'			.001	.14	3.60		
3.81	4.27	CHERT BRECCIA.											
(12.5	14.0')	-Green-buff matrix.											
		-Core Recovery = 85%											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
4.27	7.31	LIMESTONE BRECCIA.						
(14.0'	24.0')	- Limonitic.						
		- 30% green shinger chert breccia zones						
		that occur along core i.e. ~0°						
		- Section strongly chloritic where broken.						
		- Core Recovery = 95%						
7.31	8.02	LIMESTONE.						
(24.0	26.3)	- Crinoidal						
		- Contacts @ 30° and 60°-65° (bottom).						
		- Core Recovery = 95%.						
8.02	11.12	LIMESTONE BRECCIA.						
(26.3'	36.5')	- With 30% to 35% green chert breccia						
		as stringers irregular zones. Contacts are limonitic.						
		- Traces to 1% fine pyrite						
		- Core Recovery = 90%.						
11.12	12.50)	LIMESTONE						
(36.5'	41.0')	- Crinoidal Top contact @ 10°.						
		- Traces of pyrite						
		- Core Recovery = 95%						
	12.50	END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V- 4 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : 90°

DATE BEGUN : May 8 /87 SHEET No. : 1 /2.

DATE FINISHED : May 8 /87 LOGGED BY : T. LISLE

TOTAL DEPTH : 17.07 (56.0') DATE : May 8, 1987

CORE SIZE : HQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.83	CASING.											
1.83	3.66	TUFF BRECCIA.	85479	0	1.83	1.83			.047	.20	34.26		
(6.0'	12.0')	- Weathered with limonite & manganese stain.	91531	1.83	2.74	0.91			.008	.17	30.36		
		- 2% hematite as clasts in 15°-20° zones.	91532	2.74	3.66	0.92			.004	.23	28.10		
		- Chloritic. Banding @ 35° & 65°.	91533	3.66	4.66	1.0			.002	.05	5.32		
		- Traces of bornite.	91534	4.66	5.66	1.0			.001	.01	4.64		
		- Core Recovery = 95%.	91535	5.66	6.66	1.0			.001	.02	3.38		
3.66	6.70	CHERT											
(12.0'	22.0')	- Well fractured and limonitic											
		- Traces of pyrite & ufc black mineral.											
		- Core Recovery = 95%											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
670	984	CHERT BRECCIA-									
(22.0'	32.3')	-Strong limonite + manganese stain to 7.62M.	91536	6.66	7.66	1.0			.001	.02	6.88
		-Distinct angular chert clasts in buff-grey	91537	766	8.66	1.0			.044	.17	8.33
		tuffaceous? matrix. cf 87-V-1.	91538	8.66	9.88	1.0'			.016	.54	12.84
		- Core Recovery = 95%.									
984	12.50	LIMESTONE BRECCIA.									
32.3	41.0'	Section has 15% to 20% irregular zones									
		cementing clasts. Traces of pyrite									
		- Core Recovery = 95% to 10.97 then 50%.									
12.50	15.33	CHERT BRECCIA.	91539	12.50	14.02	1.52			.002	.21	5.63
(41.0	50.3')	- Grey-brown with green-chloritic zones									
		near bottom with increased pyrite.									
		- Limonitic after 13.56.									
		- Core Recovery = 88% to 14.02, then 40%.									
15.33	17.07	- LIMESTONE									
(50.3	56.0')	- Crinoidal.									
		- 100% Core Recovery.									
	17.07	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V- 5 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : 90°

DATE BEGUN : MAY 8 /87

DATE FINISHED MAY 9 /87

TOTAL DEPTH : 15.54 (51.0')

CORE SIZE : HQ

SHEET No. : 1/2

LOGGED BY : T. LISLE

DATE : May 9, 1987

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
0	0.61	* TUFF BRECCIA.									
		See 87-V-54.	8554	0	0.61	0.61			.002	.01	28.10
			8564	0.61	1.83	1.22			.167	.04	33.30
			8555	1.83	2.13	0.30			.011	.04	37.63
1.83	4.39	HEMATITE ZONE	8556	2.13	3.26	1.13			.097	.11	36.94
(6.0'	14.4')	- 25% hematite in tuff breccia. Black at	8557	3.26	4.39	1.13			.122	.16	38.62
		top, red towards bottom. Occurs in	8558	4.39	5.03	0.64			.024	.16	17.99
		small clasts or irregular zones.									
		- Zone is weathered. Locally banded @ 70°.									
		- Core Recovery = 95%.									
4.39	5.03	* TUFF BRECCIA.									
(14.4	16.5')	- 20% silicified limestone clast in brown tuff.									
		- Core Recovery as above.									

(METRES)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
5.03	9.14	CHERT.	91540	5.03	5.79	0.76			.068	.33	10.20
(16.5'	30')	-locally grading to breccia. Highly	91541	5.79	6.79	1.00			.001	.02	7.16
		siliceous with ~25% dark grey gouge	91542	6.79	7.92	1.13			.001	.01	7.72
		irregularly scattered.	91543	7.92	9.14	1.22			.002	.03	5.73
		-Mottled, white to bulk pale grey.									
		with local ~30°-60° banding.									
		-6cm hematite @ 5.48M									
		-1%-2% pyrite, finely disseminated									
		and locally in 60° to 80° fracture									
		- Core Recovery: 95% to 7.92M.									
		Then +60% to 9.14.									
9.14	15.54	LIMESTONE									
300	51.0	-Massive, Crinoidal.									
		-Moderately well fractured at									
		0°, and 30° to 40°.									
		-Trace of pyrite.									
		- Core Recovery =									
	15.54	END OF HOLE.									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-5A CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : 192°

ELEVATION : _____ DIP : -86°

DATE BEGUN : May 9/87 SHEET No. : 1/1

DATE FINISHED : May 9/87 LOGGED BY : T. USCE

TOTAL DEPTH : 2.13M (7.0') DATE : May 9/87

CORE SIZE : HQ

METRIC.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	0.61												
(0'	2.0')	Tuff Breccia	8552	0.0	1.07	1.07			.128	.01	37.26		
		- 10%-15% hematite in clasts.	8553	1.07	2.13	1.06			.036	.01	41.09		
		- Core Recovery 58%											
0.61	1.52	Tuff Breccia											
(2.0'	5.0')	- Contact with massive hematite 1.45M											
		@ 60° to C.A.											
		- Core Recovery 58%.											
1.52	2.13	TUFF BRECCIA.											
(5.0	7.0')	- ± 20% Hematite - mainly clasts.											
		- Core Recovery 83%											
	2.13	END											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-6 CLAIM : VILLALTA (2)

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 9/87 SHEET No. : 1/2

DATE FINISHED : May 10/87 LOGGED BY : T. LISLE

TOTAL DEPTH : 16.46 (54') DATE : MAY 10/87

CORE SIZE : HQ

METRES (FEET IN BRACKETS) ← METRES →

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.22	CHERT.	8559	0.0	0.91	0.91			.004	.04	4.43		
(0	4.0')	- Grey, Fractured, limonitic, Trace Hematite	8560	0.91	1.83	0.92			.002	.05	3.55		
		- 1% Pyrite.											
		- Core Recovery 33% - 50%											
1.22	1.83	CHERT BRECCIA.											
		- Porous matrix, limonitic, Trace Pyrite											
		- Core Recovery 20%											
1.83	3.05	CHERT BRECCIA.	91512	1.83	2.83	1.00			.001	.07	2.20		
(6.0'	10.0')	- FRACTURED AND LIMONITIC AS ABOVE	91513	2.83	3.83	1.00			.001	.08	1.25		
		- INCREASING BLUISH-GREY QUARTZ											
		- MINOR PYRITE 1.83 - 2.13 M.											
		CORE RECOVERY 90%	91514	3.83	4.83	1.00			.002	.13	4.75		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	— METRES — FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
3.05	12.34	CHERT BRECCIA.									
(10.0	40.5')	- GRADATIONAL FROM ABOVE TO DISTINCT	91515	4.83	5.83	1.0M			.001	.07	10.57
		grey to buff unit with minor limestone	91516	5.83	6.83	1.0			.001	.02	3.60
		- Section has 1% to locally	91517	6.83	7.83	1.0			.001	.05	8.51
		more than 3% disseminated or	91518	7.83	8.83	1.0			.001	.11	6.46
		fracture controlled pyrite	91519	8.83	9.83	1.0			.001	.11	6.79
		- Core Recovery mainly > 95% locally broken	91520	9.83	10.83	1.0			.001	.08	8.21
		- 6.4-6.83 - Limestone cut by chloritic	91521	10.83	11.83	1.0			.001	.13	7.00
		limonitic breccia + pyrite @ 10°-20°.	91522	11.83	12.83	1.0			.001	.06	4.71
12.34	16.46	LIMESTONE. (Fine grained grading to Cunordered).									
(40.5	54.0)	- Massive, grey, traces of pyrite.									
		- Minor chert breccia at 13.4 M.									
		- Core Recovery 95%									
		- Green chloritic breccia zone @ 13.70 M.									
		- Cherty near bottom.									
	16.46	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA. HOLE No. : 80 V-7 . CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 10/87. SHEET No. : 1/3

DATE FINISHED : MAY 10/87 LOGGED BY : LISLE

TOTAL DEPTH : 154' (51.0!) DATE : May 10/87.

CORE SIZE : HQ.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.07		8561	0.0	1.07	1.07			.043	.01	12.57		
0	3.5'	- Surface debris.											
1.07	1.52	Tuff Breccia	8562	1.07	1.52	0.45			.001	.03	28.94		
(3.5'	5.0')	- Grey, non calcareous. - Hmthly weathered											
		3 cm hematite layer - 60°-80°											
		- Core Recovery. 80%.											
1.52	2.89	Hematite zone.											
(5.0'	9.5')	- Approximately 80% Red: Hematite that	8563	1.52	2.89	1.37			.001	.02	39.36		
		is pitted, vuggy and locally limonitic											
		- Vague banding of ~35°											
		- Soft gouge zone. 1.52 to 1.68 m.											
		- Core Recovery 95%.											

87-V-7.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
2.89	4.57	Tuff Breccia.	91544	2.89	3.66	0.77			.003	.04	26.98
(9.5	15.0')	-Mottled green, chlorite local mauve clasts.	91545	3.66	4.57	0.91			.047	.23	30.58
		- Traces pyrite & fine grained galena.									
		- Core Recovery - 85%-90%									
		Highly broken 4.42 - 4.57 M									
4.57	4.88	* - Pyrite Zone.	8633	4.57	5.85	1.28			.007	.27	29.50
(15.0'	16.0')	- ± 80% Pyrite - Granular. Silt-gouge									
		- Core Recovery ± 80%									
4.88	5.85	Chert									
(16.0'	19.2)	- Bluish-grey, brecciated, ± 10% Pyrite.									
		- locally in steep fractures.									
		- Highly broken to 5.18.									
		- Core Recovery ~ 80%.									
5.85	10.36	Chert Breccia.	91546	5.85	6.85	1.0			.002	.07	10.92
(19.2	34.0')	- Buff to green breccia. Py + Cpy.	91547	6.85	7.85	1.0			.004	.27	9.99
		- 8.49 - 9.20 - limestone fragment	91548	7.85	8.85	1.0			.011	.23	9.60
		- Pebble intrusive (?).	91549	8.85	10.36	1.51			.010	.12	4.13
		* Pyrite zone for sampling purposes is									
		taken to start at 4.57 M. Because of									
		highly broken and crushed nature the									
		zone may start lower, perhaps at 4.72 M. TKL.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES					
		9.35 - 10.36 Rock is a buff-green chert breccia with green andesitic matrix											
		- Contacts uncertain											
10.36	15.54	Limestone											
10.36	51.0	- Carnoidal with local chert zones											
		- Core Recovery ±											
	15.54	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-8 CLAIM : VILLALTA-D.

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 187 SHEET No. : 1/1

DATE FINISHED : May 11/87 LOGGED BY : T. LISLE

TOTAL DEPTH : 15.54M (51.0') DATE : May 16/87

CORE SIZE : HQ

METRES (FEET IN BRACKETS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Mg OPT	Fe %
0	-4.27	- Chert Breccia.					90%		.		
(0	-140)	Commonly green & chloritic with buff.	8501	0	1.22	1.22			.004	.22	12.65
		grey siliceous sections having darker	8502	1.22	2.22	1.00			.002	.07	9.48
		grey second generation quartz	8503	2.22	3.22	1.00			.012	.18	7.69
		- Pale chert fragments, commonly 0.5-2cm	8504	3.22	4.12	0.90			.022	.47	8.54
		of silicified limestone.									
		- Steep 20°-30° bends at top and									
		60° bend at 3.35M. Traces pyrite									
		- Core recovery to 1.22 about 50%.									
		otherwise + 90%.									
		- Bottom Contact with limestone ~ 15°.									
4.27	-15.54	Limestone, recrystallized					95%				
(14.0	51.0'	- Massive, pale grey, Traces of pyrite.									
		Slight increase in black fractures to bottom.									
	15.54	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-9 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 11/87 SHEET No : 1/2

DATE FINISHED : May 12/87 LOGGED BY : LISLE

TOTAL DEPTH (15.54) 51 Feet DATE : May 18/87

CORE SIZE : H-Q

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.83	Casing.											
(0	6.0')	- Approximately 12 inches rubble.											
1.83	8.53	CHERT, ± CHERT BRECCIA.	8505	1.83	2.59	0.76			.011	.09	8.77		
(6.0'	28.0)	- Bottom contact @ 80° to C.A.	8506	2.59	3.59	1.00			.001	.05	3.09		
		- Section more chloritic after 5.79 M	8507	3.59	4.59	1.00			.001	.03	4.85		
		- CHERT AND CHERT BRECCIA GRADES TO	8508	4.59	5.59	1.00			.001	.04	4.43		
		PORCELLANOUS WHITE CHERT at 5.79 Then	8509	5.59	6.59	1.00			.002	.04	1.55		
		to distinct darker breccia at 8.23 M.	8510	6.59	7.59	1.00			.001	.03	2.15		
		- Trace to 1% pyrite. Traces of	8511	7.59	8.53	0.94			.001	.12	2.59		
		bornite? chalcopyrite, and dark											
		black mineral (chalcocite)?.											
		- Core Recovery 75% at top to +90%											

87-U-9 2/2.

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES					
8.53	15.54	LIMESTONE											
28.01	51.0	- Massive grey. Rare trace pyrite											
		- Crinoidal.											
		- Core Recovery = 95%											
	15.54	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : _____ HOLE No. : 87-U-10 CLAIM : _____

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : _____

ELEVATION : _____ DIP : -90°

DATE BEGUN : May 12/87 SHEET No. : 1/3

DATE FINISHED : May 12/87 LOGGED BY : L.I.S.L.G.

TOTAL DEPTH 155.4 (51.0') DATE : MAY 18/87.

CORE SIZE : HQ

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
0	1.07	Surface Rubble.									
0	3.5	Mixed tuff, minor hematite	8573	0.0	1.07	1.07			.340	6.02	27.94
		* Hole - Mainly rounded frags. ± 10% C.R. - gravel cut.									
1.07	2.00	TUFF BRECCIA.	8512	1.07	2.00	0.93			.601	3.17	34.02
(3.5'	6.55')	- Non calcareous, green, chloritic with									
		less than 3% hematite clasts.									
		- Fine grained soft black mineral (Galena?)	[illegible]								
		- Bottom contact is 1 cm hematite band									
		@ ± 80° to CA.									
		- Core Recovery 80%									
2.00	2.30	PYRITE ZONE.	8574	2.00	2.30	0.30			.120	1.61	31.20
(6.55'	7.55')	- 15% coarse pyrite in VFG. pyritic matrix	"								
		- Bottom contact with hematite @ 50°.									
		- Core Recovery 95%									

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
2.30	3.20	HEMATITE ZONE	8575	2.30	3.35	1.05			.288	.37	30.77
(7.55'	10.5')	- BLACK TO RED, NOT BANDED.									
		- BOTTOM CONTACT AT 50°.									
		- CORE RECOVERY + 80%									
3.20	5.18	TUFF BRECCIA									
(10.5'	17.0')	- Less than 5% hematite clasts.									
		-3.35 - 3.90 M - Feldspar porphyry sill?	8513	3.35	4.35	1.00			.008	.15	8.46
		with 15% chert & silicified lst clasts.	8514	4.35	5.35	1.00			.154	.99	27.44
		- 4.52 M - +10 cm hematite band @ 60°	8515	5.35	6.40	1.05			.024	.17	8.91
		- Traces pyrite									
		- Bottom contact @ 45°									
		- Core Recovery 95%									
5.18	6.4	CHERT BRECCIA.									
(17.0	21.0)	- MOTTLED BUFF GREY, Trace to 1%									
		pyrite, traces chalcopyrite and UFG.									
		black sulphide?									
		- Core Recovery 95%.									
6.4	7.92	LIMESTONE BRECCIA.									
(21.0	26.0)	- Limestone fractured by coarse chloritic									
		zones. Trace pyrite									
		- 100% Core Recovery.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
7.92	10.21	CHERT BRECCIA.											
(26.0'	33.5)	- GREY TO BUFF.	8516	7.92	8.92	1.00			.002	.05	5.56		
		- BOTTOM CONTACT @ 75°	8517	8.92	10.24	1.32			.001	.09	4.27		
		- CHLORITIC FRACTURES - FRAGMENTS											
		LOCALLY RESEMBLE SILICIFIED LST											
		- TRACE to 1% pyrite, Trace chalcopyrite,											
		and VFG. black mineral											
		- Core Recovery 100%											
10.21	15.54	LIMESTONE											
33.5	51.0'	Crinoidal.											
		Core Recovery = 95%. Decreasing in											
		Core area from 1402 - 1554 M.											
	15.54	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-11 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : MAY 13 /87

DATE FINISHED : MAY 13 /87

TOTAL DEPTH : 154 (51.0')

CORE SIZE : HQ

SHEET No. : 1/2

LOGGED BY : T. LISLE

DATE : 1987

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	8.41	HEMATITE ZONE											
0	27.6'	(LIKELY STARTED CORING AT 20' to 30') TEL											
		~~0~~ to 1.40 M. Rubble	8565	0.0'	1.52	1.52	17%		.021	.13	37.20		
		-1.40 - 3.35M - 30% hematite in tuff breccia.	8566	152	2.74	1.22	90%		.023	.21	38.34		
		-3.35 - 4.94M - 5% " " " "	8567	274	374	1.00	95%		.104	.43	34.05		
		-4.94 - 6.40 M 60% " Red to black in tuff br.	8568	374	474	1.00	95%		.027	.10	35.91		
		banded at 65° to 75°.	8569	474	5.74	1.00	95%		.018	.10	30.29		
		-6.40 - 8.41 M. 70% black hematite banded 60-70.	8570	5.74	6.74	1.00	95%		.001	.07	30.22		
		- Section weathered and limonitic	8571	6.74	7.74	1.00	95%		.001	.08	32.21		
			8572.	7.74	8.41	0.67	95%		.001	.11	32.82		
8.41	9.75	CHERT BRECCIA.	8518	8.41	9.45	1.04	75%		.012	.20	14.18		
(27.6'	32.0')	-3% hematite to 9.3M. Tuff Matrix.	8519.	9.45	10.45	1.00			.001	.15	10.13		
		-Traces pyrite and bornite.											
		- Core Recovery = 75%											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
9.75	14.2	CHERT BRECCIA.											
(32.0	46.6)	- Grey to buff to slightly green.	8520	10.45	11.45	1.00			.001	.11	7.31		
		- Trace to 1% black mineral	8521	11.45	12.45	1.00			.001	.15	7.94		
		- Traces of pyrite, but up to 2% from	8522	12.45	13.45	1.00			.001	.03	6.13		
		13.4 to 14.20M - Traces bornite.	8523	13.45	14.20	0.75			.002	.10	7.51		
		- Section chloritic - limonitic.											
		- Well broken - Core Recovery = 75%											
14.2	15.54												
(46.6	-51.0)	LIMESTONE (Crinoidal.											
		- Well broken at upper contact											
		- Core Recovery 95%											
	15.54	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-12 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 13/87 SHEET No : 1/2

DATE FINISHED : May 14/87 LOGGED BY : T. USLG

TOTAL DEPTH : 185'9" (61.0') DATE : MAY 19/87

CORE SIZE : HQ

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	0.91	Surface Rubble.	8576	0	1.22	1.22			.010	.07	33.45		
(0	3.0')	Core Recovery = ± 10%											
0.91	1.22	Tuff Breccia (weathered).											
(3.0'	4.0')	Green, Minor limonite, Trace Hematite.											
		- Core Recovery ~ 90%											
1.22	11.00	Hematite Zone.	8577	1.22	2.22	1.00			.152	.12	39.32		
(4.0	36.1')	Porous, pitted, Non-banded, locally limonitic	8578	2.22	3.22	1.00			.228	.23	38.41		
		Core Recovery 93% except at 1.22-1.83 = 50%	8579	3.22	4.22	1.00			.044	.18	38.28		
		- 1.22 - 5.00M - 50%-70% hematite + Tuff	8580	4.22	5.22	1.00			134	.44	33.51		
		- 5.00 - 9.75 M - 25% hematite, mainly as	8581	5.22	6.22	1.00			.376	.49	37.84		
		fragments, Commonly Red, locally black	8582	6.22	7.22	1.00			.025	.19	35.44		
		in Tuff Breccia	8583	7.22	8.22	1.00			.096	.21	42.81		
		- 9.75 - 10.82 - 70% Hematite.	8584	8.22	9.22	1.00			.095	.10	40.40		
		- 10.82 - 11.00 - Hematitic Tuff Breccia.	8585	9.22	10.22	1.00			.001	.04	42.71		
			8586	10.22	11.00	0.78			.008	.74	37.30		

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
11.0	12.50	CHERT BRECCIA.											
(36.1'	41.0')	- Buff-green. Trace VFG dark metallic.	8524	11.0	11.89	0.89			.003	.25	12.85		
		- Trace pyrite, Trace bornite.?	8525	11.89	12.50	0.61			.001	.11	8.24		
		- Core Recovery ~ 90%.											
12.50	14.17	LIMESTONE											
(41.0	46.5')	- Greenish^-buff chloritic cherty zone 12.6–12.9											
		- Core Recovery 95%.											
14.17	17.01	LIMESTONE 50% - CHERT BRECCIA-50%											
(46.5	56.0)	- Dark green, chlorite rich breccia	8526	14.17	15.54	1.37			.023	.14	7.44		
		appears to be fracture controlled											
		andesitic? masses, with 2%-3% pyrite + minor bismuthite.	8527	15.91	16.91	1.00			.011	.07	3.95		
		- Section highly fract. red, chloritic											
		- Traces chalcopyrite											
		- Core Recovery ~ 90%.											
17.01	18.59	LIMESTONE (Crinoidal.).											
(56.0	61.0')	- Local chloritic fractures near top.											
		- Trace to 1% Pyrite											
		- Core Recovery 85%											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-13 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

METRES (FEET IN BRACKETS)

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 14/87 SHEET No. : 1/2

DATE FINISHED : May 14/87 LOGGED BY : LISLE

TOTAL DEPTH : 12.50 M (41.0') DATE : May 14/87

CORE SIZE : HQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
0	2.59	Hematite,					95%				
(0	8.5')	+90% hematite. Minor quartz in vugs.	8587	0.0	1.00	1.00			.023	.08	27.15
		Strongly limonitic and pitted	8588	1.00	2.00	1.00			.015	.28	25.39
		- Core Recovery = 95%	8589	2.00	3.00	1.00			.438	.59	33.59
2.59	5.09	Tuff. Green, chloritic.					+90%				
(8.5'	16.7')	-±15% hematite at top of section, decreasing	8590	3.00	4.00	1.00			.087	2.10	42.51
		to local fragments at bottom. - Ave ±5%	8591	4.00	4.57	0.57			.012	.38	39.95
		- Well broken, locally limonitic	8592	4.57	5.57	1.00			.020	.52	20.51
		- Banded at 50° to 60°.	8593	5.57	6.57	1.00			.002	.11	9.07
		- Core Recovery = +90%									
5.09	6.70	- Chert breccia.					+80%				
(16.7	22.0')	- Tuffaceous and hematitic to 5.64M.									
		- Trace Pyrite. - Locally well broken.									
		- Green alteration - epidote? Trace magnetite?									
		- Core Recovery = +80%									

87-V-13 2/2.

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
6.70	7.01	- LIMESTONE BRECCIA - Pale green tuff + Large (≤5 cm) irregular					100%	
(22.0'	23.0')	shaped limestone clasts						
		- Trace pyrite + VFG black mineral - Hematite?						
		- 2-5 cm grey chert at bottom of						
		section @ 80°. Bluish-grey quartz fragments						
		above.						
7.01	12.50)	Limestone.						
(23.0'	41.0)	— Crinoidal.						
	12.50	End of hole.						
		*Hole stopped due to water loss, strong						
		vibration and excessive bit wear.						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-14 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : - 90°

DATE BEGUN : MAY 14/87 SHEET No. : 1 / 2

DATE FINISHED : MAY 15/87. LOGGED BY : T. LISLE

TOTAL DEPTH 13.41 (44.0') DATE : May 19/87

CORE SIZE : HQ.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.83	RUBBLE - Dark green tuff. 10% C.R.	8595	0.0	1.82	1.82			.005	.17	18.98		
(0	6.0')		8596	1.82	2.13	0.31			.010	.31	16.46		
1.83	2.44	Tuff Breccia.											
(6.0'	8.0')	- layering locally at 40°											
		- Green Fragments in pale green matrix.	8528	2.13	3.13	1.00			.003	.18	15.81		
		- Broken, limonitic - Core Recovery 80%											
2.44	7.31	CHERT.											
(8.0'	24.0')	- Mottled, pale green to buff, limonitic.	8529	3.13	4.13	1.00			.001	.13	8.19		
		- Strong limonitic manganese fractures. 0°-10° to C.A.	8530	4.13	5.13	1.00			.003	.74	21.09		
		- Upper contact with tuff steep.	8531	5.13	6.13	1.00			.001	.27	11.68		
		- Core Recovery = 83%	8532	6.13	7.13	1.00			.001	.23	11.90		
		- 3.9 - 4.78 Tuff. Friable, clay altered?	8533	7.13	8.13	1.00			.001	.05	2.86		
		local chert fragments											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
2.44	7.31	Continued.											
		-5.18 to 5.48. Green tuff + chert and											
		hematitic quartz at 7.16 m.											
		- Section has traces pyrite, bornite, malachite											
		and black UEG. mineral, pyrolusite?.											
7.31	12.40	CHERT BRECCIA.											
(24.0'	40.7')	- Gradation from above at 7.31 m. limonitic											
		- Soft friable clay altered? tuff with											
		trace of sulphide at 9.30 m.											
		- Core Recovery ~90% to 10.97, then 20% to 12.40.	8534	8.13	9.45	1.32			.001	.14	7.59		
			8535	9.45	10.97	1.52			.002	.07	6.54		
12.40	12.71	CHERT BRECCIA.											
(40.7'	41.7')	- Chlorite-rich, 1% pyrite, Core Recovery = 9%											
12.71	13.41	LIMESTONE (Crinoidal)											
(41.0'	44.0')	Last piece of cor in box. Cavity at											
		4170 m. Core Recovery - negligible.											
	13.41	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-15 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : MAY 15/87 SHEET No. : 1/3

DATE FINISHED : May 15/87 LOGGED BY : USLO

TOTAL DEPTH : 15.54 (61.0') DATE : MAY /87

CORE SIZE : NQ.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
C	1.52	CASING - Rubble.	8603	0.0	0.91	0.91			.040	.10	28.70		
(0	5.0')	- Mixed hematite and Tuff Breccia	8604	0.91	1.83	0.92			.038	.18	22.20		
		- (Probably did not core until ~ 3.0' or 4.0' feet) Tot.											
1.52	3.05	TUFF BRECCIA.	8536.	1.83	3.05	1.22			.004	.16	16.07		
(5.0'	10.0')	- 1% small hematite clasts from 1.83 M.											
		- 15% chert clasts to 1.83											
		- Core Recovery = 75% to 1.83, then 90%											
3.05	8.47	HEMATITE ZONE	8597	3.05	4.05	1.00			.001	.14	37.97		
(10.0'	27.8')	- Core Recovery 95%	8598	4.05	5.05	1.00			.008	.11	37.73		
		- 3.05 - 4.88 M - 65% hematite, 35% Tuff Br, 5% slt.	5599	5.05	6.05	1.00			.001	.03	26.22		
		Pi Hed, limonitic, manganiferous with trace Py.	8600	6.05	7.05	1.00			.001	.01	22.40		
		Mud (Red) seam @ 8.47 M.	8601	7.05	8.05	1.00			.001	.05	22.25		
			8602	8.05	8.47	0.42			.001	.06	16.08		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	AU OPT	AG OPT	FE %		
3.05	8.47	Cont.											
		- 4.88 to 8.47 - Approximately 30% chert.											
		Crude banding at 60° to 80°.											
		- Tuffaceous at bottom.											
8.47	10.0	CHERT BRECCIA.	8537	8.47	10.00	1.53			.001	.33	10.91		
(27.8	32.8')	- Chert clasts in tuff matrix											
		- Traces VFG. sulphide?											
		- Hematite at bottom.											
		- Core Recovery ~ 95%											
10.0	12.34	HEMATITE ZONE (As 3.05 - 8.47)	8605	10.00	11.00	1.00			.002	.03	25.28		
(32.8	40.5')	40% Hematite, 55% chert + minor tuff.	8606	11.00	12.34	1.34			.001	.03	18.05		
		Chert occurs as breccia fragments.											
		- 45°-55° crude banding in cherty tuff @ 11.28M											
		- Core Recovery = 95%											
12.34	14.32	CHERT BRECCIA -	8538	12.34	13.34	1.00			.001	.09	8.86		
(40.5'	47.0')	Buff, epidote green grading @ 13.2 M	8539	13.34	14.32	0.98			.003	.08	5.48		
		to dark green chlorite-rich breccia that											
		includes volcanic fragments.											
		- Minor Jasper @ 12.65M, Traces of pyrite											
		- Core Recovery = + 90%											

87-V-15 3/3

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES					
14.32	15.54	LIMESTONE (crinoidal)											
(47.0'	51.0')	- locally well fractured & broken											
		- low recovery = ±90%											
	15.54	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-16 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : .045°

ELEVATION : DIP : -87°

DATE BEGUN : May 15/87 SHEET No. : 1/2

DATE FINISHED : May 16/87 LOGGED BY : T. Lisle

TOTAL DEPTH : 10.36 (34.0') DATE : May 20/87

CORE SIZE : HQ

METRES (FEET IN BRACKETS)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.83	TUFF, TUFF Breccia, 20% Hematite.	8607	0	1.22	1.22			.026	.38	21.49		
(0	6.0')	- Vague banding ± 70°	8608	1.22	2.22	1.00			.004	.31	15.31		
		- Core Recovery = ~25%.	8689	2.22	3.22	1.00			.003	.04	21.34		
			8690	3.22	4.22	1.00			.005	.09	16.05		
1.83	5.18	MAFIC TUFF.	8691	4.22	4.79	0.57			.001	.01	21.33		
(6.0'	17.0')	- Dark green, locally grading to breccia.											
		- Core Recovery = + 90%											
5.18	5.88	Breccia (CHERT).											
(17.0	19.3')	- Dark green, volcanic?											
		- Clasts include 10% white chert and	8609	4.79	5.79	1.00			.011	.10	16.71		
		less dark grey chert. Fragments are	8610	5.79	6.79	1.00			.004	.04	9.72		
		angular to sub-round.											
		- Traces of pyrite.											
		- Core Recovery = 95%											

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
5.88	6.40	BRECCIA -									
(19.3'	21.0')	Transition zone contains ~40%	8697.	6.79	7.79	1.00			.002	.09	5.77
		angular to sub-round ±5 cm clasts of									
		silicified limestone in buff-green	8698	7.79	8.79	1.00			.003	.06	3.66
		cherty-tuff matrix. Small clasts of									
		dark grey chert in surrounding matrix.	8694	8.79	9.79	1.00			.001	.04	2.74
		- Core Recovery = ~100%									
			8695	9.79	10.36	0.57			.002	.03	2.52
6.40	10.36	CHERT BRECCIA.									
(21.0'	34.0')	- Buff, grey, and varies from buff-green									
		at top to dark green (chloritic) at									
		bottom, with minor pyrite.									
		- Clasts include white chert and dark									
		grey chert. - White silicified									
		limestone @ ~75° @ 9.60.									
		- Core Recovery = ~95%									
	10.36	* END OF HOLE									
		Abandoned at 1036 m.									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-17 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 16/87. SHEET No. : 1/2

DATE FINISHED : May 16/87 LOGGED BY : LISLE

TOTAL DEPTH : 10.97 (36.0') DATE : May 21/87.

CORE SIZE : HQ

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.83	HEMATITE ZONE	8611	0.0	1.83	1.83			.007	.24	35.80		
(0	6.0')	-20% hematite, locally as fragments in											
		tuff breccia											
		- Crude banding at 45°											
		- 20% Core Recovery (solid core)											
		- (Hole likely started to core ~4.0') T.C.L.											
1.83	2.28	CHERT BRECCIA	8612	1.83	2.83	1.00			.003	.28	9.02		
(6.0'	7.5)	- CHERT FRAGMENTS (Silicified limestone) in											
		mauve brown tuff. limonitic.											
		- Well defined bottom contact @ 40°											
		- Core Recovery = 100%											
2.28	5.18	CHERT.	8613	2.83	3.83	1.00			.001	.01	3.19		
(7.5	17.0')	-Grey, locally well fractured, brecciated & limonitic	8614	3.83	4.83	1.00			.001	.02	1.93		

METRES FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NO.	METRES FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
2.28	5.18	Cont.	8615	4.83	5.83	1.00			.004	.10	8.42
		-4.87 - 5.03 Green, mottled chloritic breccia	8616	5.83	7.32	1.49			.001	.10	5.12
		with pyrite									
		-Traces of pyrite, chalcopyrite, + VFG									
		black mineral -	8696	7.32	8.08	0.76			.001	.01	.55
		- Core Recovery = 95%.									
			8697	8.08	8.75	0.67			.001	.08	5.31
5.18	5.73	TUFF									
(17.0	18.8')	- Dark, green, chloritic, cherty at top.									
		- Bottom contact at 40°.									
		- 1%-2% pyrite, traces chalcopyrite.									
		- Core Recovery = 100%									
5.73	7.31	CHERT BRECCIA.									
(18.8	24.0')	- Buff Grey to dark green chlorite-rich									
		zones with pyrite & chalcopyrite from									
		6.70 to 7.01 M @ 30°									
		- Core Recovery = 98%.									
7.31	10.97	LIMESTONE. (Crinoidal).									
(24.0	36.0)	- 20% bott breccia as above at 15-20° with									
		limestone fragments plus minor py + cpy.									
		- Core Recovery = 95%									
	10.97	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-18 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 17/87. SHEET No. : 1/2

DATE FINISHED : May 17/87 LOGGED BY : T. LISLE

TOTAL DEPTH : 6.71 (22.0') DATE : MAY 22/87

CORE SIZE : HQ

METRES. (FEET IN BRACKETS)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au oz/T	Ag oz/T	Fe %	Pb %	Zn %
0	3.50	HEMATITE ZONE	8617	0.0	0.61	0.61			.001	.03	27.15		
(0	11.5')	- 85% ± 80% hematite. Vuggy and pitted.	8618	0.61	1.61	1.00			.017	1.34	31.78		
		- Red hematite to 2.13 then black	8619	1.61	2.61	1.00			.356	.16	25.83		
		- Bottom contact @ 40°	8620	2.61	3.54	0.93			.322	.17	23.89		
		- Core Recovery - 0 - 0.61 = ±50%,											
		0.61 - 1.83 = 87%; 1.83 - 3.50M = 100%											
3.50	3.81	SILICEOUS, CHERTY ZONE,	8621	3.54	4.27	0.73			.009	.03	5.00		
(11.5'	12.5')	- Chloritic and limonitic.											
		- C.R. = ~95%											
3.81	5.03	LIMESTONE BRECCIA											
(12.5'	16.5')	- Bottom contact @ 70°	8622	4.27	5.03	0.76			.003	.01	2.21		
		- Section is limestone that has been	8698	5.03	6.03	1.00			.001	.03	.29		
		fractured and altered by a) chlorite or b) pale, epidote green garnet-rich breccia stringers.	8699	6.03	6.71	0.66			.001	.01	.14		

87-V-18 2/2

METRES FOOTAGE FROM	TO	DESCRIPTION	SAMPLE NO.	METRES FROM	TO	WIDTH	RECOV.	SULPHIDES
3.81	5.03	Continued.						
		- Traces of pyrite.						
		- 50° limonitic fractures.						
		- Core Recovery = + 90%						
5.03	6.71	LIMESTONE						
(16.5'	22.0')	- Massive, grey, Crinoidal.						
		- Core Recovery = 95%						
	6.71	END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-19 CLAIM : VILLALTA D.

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : _____

ELEVATION : _____ DIP : -90°

DATE BEGUN : May 17/87 SHEET No. : 1/2

DATE FINISHED : May 17/87. LOGGED BY : LISLE

TOTAL DEPTH 12.5 M (41.01) DATE : May 25/87.

CORE SIZE : HQ.

METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.22	Rubble.	8623	0.0	1.22	1.22			.001	.01	5.43		
(0	4.0')	(includes feldspar porphyry, andesite, tuff). <45° C.R											
1.22	3.35	HEMATITE ZONE.	8624	1.22	2.29	1.05			.059	.04	21.99		
(4.0'	11.0')	- Approximately 80% hematite, black to	8625	2.29	3.35	1.06			.190	.09	28.47		
		dark red, non-banded.											
		- Lower contact area has 0° ± 30° Immobile Fr.											
		- Core Recovery - mainly + 90%.											
3.35	4.42	Tuff Breccia,	8626	3.35	4.42	1.07			.013	.02	18.10		
(11.0'	14.5')	- Dark green; mafic. CL to hole 87-V-20.											
		- Cherty towards bottom.											
		- Lower contact @ ~50°, marked by 50°-70° lim. Fr.											
		± 5 cm irregular hematite.											
		- Core Recovery = 95%.											

(METRES.)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
4.42	5.42	CHERT.	8627	4.42	5.49	1.07			.006	.01	3.45
(14.5	17.8)	- Brecciated, limonitic.									
		- Bottom contact @ - 50°.	8700	5.49	6.45	1.00			.001	.04	2.01
		- Core Recovery = 95%.									-
5.42	12.50	LIMESTONE									
(17.8'	41.0')	- Massive, Crinoidal, with chloritic limestone breccia from 5.42 - 5.70, and dark green andesitic limestone chert breccia from. 6.16 to 6.49M.									-
		- Trace of pyrite.									
		- Core Recovery = 95%.									
	12.50	END OF HOLE.									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-20 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : 115°

ELEVATION : DIP : -88°

DATE BEGUN : May 17/87 SHEET No. : 1/2

DATE FINISHED : MAY 19/87 LOGGED BY : T. USLS

TOTAL DEPTH : 1707 (56.0') DATE : May 23/87.

CORE SIZE : HQ

METRES (FEET IN BRACKETS) METRES.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
0	4.85	Tuff Breccia-									
(0	15.9)	- Dark green. Clasts are pale angular	8628	0	1.37	1.37			.025	.02	31.17
		chert frags; Dark grey chert and blackish	8629	1.37	2.44	1.07			.002	.01	4.15
		lapilli-sized volcanics?. Vague.									
		banding at ± 60°.									
		~~-1.74-2.09M - Grey-white chert. (limonitic)~~									
		- Core Recovery = 0-1.83M = 50%	8630	4.85	5.85	1.00			.003	.03	4.51
		- 1.83M - 4.85M = 95%	8631	5.85	6.85	1.00			.001	.05	1.23
			8632	6.85	7.85	1.00			.003	.01	1.50
4.85	7.77	CHERT.									
(15.9	25.5')	- whitish-grey, grading to breccia									
		- 5.18-5.33M Green volcanic? inclusion.									
		- 5.94M - Dark grey silicified tuff fragments									
		in 35° zone. Bottom contact @ 75°									
		- Trace pyrite. Limonitic									
		- Core Recovery = 94%									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
7.77	1036	TRANSITION ZONE :						
(25.5'	34.0)	- 7.77 - 8.14 M, - Cherty Breccia, Dark Green.						
		- 8.14 - 9.33 M, - Chert Breccia, Grey to grey-green mottled. Limonitic & broken.						
		- 9.33 - 9.91 M, - Limestone Breccia.						
		- 9.91 - 10.36 M - Andesite-Tuff Breccia Trace to 05% pyrite						
		- Core Recovery = 95%.						
(10.36	17.01)							
(34.0'	56.0')	LIMESTONE (Crinoidal)						
		- 5% coarse silicified crinoidal zones						
		- Local dark green chlorite-rich zones + pyrite.						
		- Core Recovery = 98%						
	17.01	END OF HOLE.						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-21 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 19/87 SHEET No. : 1/2

DATE FINISHED : May 19/87 LOGGED BY : J. LISLE

TOTAL DEPTH : 7-92 (26.0') DATE : May 27/87.

CORE SIZE : HQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	4.72.	CHERT BRECCIA -											
(0	15.5')	- 60% silicified limestone, as clasts or											
		large irregular masses up to 1/3 metre, in	8659	0.91	1.91	1.00			.001	.01	3.85		
		siliceous matrix.											
		- 40% dark green chloritic zones with	8660	1.91	2.91	1.00			.001	.17	12.04		
		similar fragments & up to 1% py + cpy, and											
		locally cut by late carbonate fractures.	8661	2.91	3.91	1.00			.001	.12	7.66		
		Core Recovery = 0'-1.22M = 60%; then +90%.											
			8662	3.91	4.72	0.81			.001	.04	1.59		
4.72	6.64	LIMESTONE.											
(15.5'	21.8')	FINE GRAINED, NON CRINOIDAL.											
		- 5.79 - 6.09 M Cherty breccia with chloritic											
		fractures.											
		- Core Recovery = 90%.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES					
6-64	792	CHERT BRECCIA.											
(21-8'	26-0)	-Chloritic, minor pyrite, steep 10°-40° fractures. Limonitic.											
		-Bottom contact at ~50° with fault.?											
		-Core Recovery = 55%											
	7-92.	* END OF HOLE											
		*(Hole abandoned, equipment lost.)											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA- HOLE No. : 87-V-22 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 20/87 SHEET No. : 1/1

DATE FINISHED : May 20/87. LOGGED BY T. Lisle

TOTAL DEPTH : 6.40 (21.0') DATE : May 27/87

CORE SIZE : HQ

(METRES) (FEET IN BRACKETS) METRES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
0	1.83	Over burden									
(0'	6.0')										
1.83	3.20	CHERT BRECCIA -									
(6.0'	10.5')	- Highly weathered, limonitic, Hematite stain	8663	1.83	3.20	1.37			.004	.01	10.17
		near bottom.									
		- Well broken, Core Recovery = 50%.									
3.20	6.40	LIMESTONE.									
(10.5'	21.0')	- Transition from fine-grained, local chert.									
		- Section cut by a few 50°-60° hematite									
		stained buff fractures + pyrite + chalcopyrite.									
		One fracture zone has grey quartz selvedge.									
		- Core Recovery = 95%									
	6.40	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : _____ HOLE No. : 87-V-23 CLAIM : _____

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : _____

ELEVATION : _____ DIP : - 90°

DATE BEGUN : May 20/87. SHEET No. : 1/2

DATE FINISHED : May 20/87 LOGGED BY : T. LISLE

TOTAL DEPTH : 15.54 (51.0') DATE : May 27/87.

CORE SIZE : HQ.

METRES (FEET IN BRACKETS)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	2.44	Rubble.. (overburden).											
			8664	0	1.22	1.22			.105	.03	10.28		
2.44	11.70	To ff.											
(8.0'	38.4')	- Grading to tuff breccia.	8665	1.22	2.13	0.91			.001	.01	9.73		
		- Section altered to a soft crumbly pale											
		green chlorite-clay mass.	8666	2.13	3.05	0.92.			.029	.01	6.24		
		- Shony shear/fractures - common directions											
		are 0°, ±35°, locally 60°-80°.											
		- 11.12 - 11.70m, sub-rounded 1 to 5cm pale											
		(bleached)? volcanic clasts in 35° shear zone.											
		- Core Recovery ± 90%											
11.70	12.65	- Breccia											
(38.4'	41.5')	- Dark green (chloritic) 15% pale siliceous limestone											
		as clasts of irregular masses. Trace hematite.											
		- Bo Horn contact ≈ 35°											
		- Core Recovery ≈ 100%											

(METRES)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
12.65	15.54	LIMESTONE:						
(41.5'	51.0')	- Fine to med-vin. grained						
		-14.57 M. 3 cm. silicified crinoidal						
		limestone layer?						
		- Core Recovery = 95%						
	15.54	END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V-24 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : MAY 21/87 SHEET No. : 1/2.

DATE FINISHED : MAY 21/87 LOGGED BY : T. LISLE

TOTAL DEPTH 15.54 (51.0') DATE : MAY 28/1987

CORE SIZE : HQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.83	OVERBURDEN											
			8634	1.83	2.83	1.00			.004	.11	35.08		
1.83	4.82	HEMATITE ZONE	8635	2.83	3.83	1.00			.083	.15	40.84		
		- Commonly pitted, fuliaceous, limonitic.	8636	3.83	4.45	0.62			.023	.08	44.39		
		Grades from black at 2.74 to red.	8637	4.45	485	0.40			.026	.18	30.90		
		- 1.83 - 4.48 M. Est. 80% hematite.	8638	4.85	5.85	1.00			.001	.04	4.58		
		- 4.48 - 4.82 M " 10% " . in fill.	8639	5.85	6.85	1.00			.001	.02	2.74		
		- Bottom contact irregular about 50° and	8640	6.85	7.85	1.00			.002	.01	3.02		
		partly marked by 80° limonitic fracture.	8641	7.85	8.85	1.00			.002	.01	2.81		
		- Zone is non-banded	8642	8.85	9.85	1.00			.001	.01	3.15		
		- Core Recovery = 90%.	8643	9.85	10.85	1.00			.002	.01	2.18		
			8644	10.85	12.19	1.34			.001	.03	2.70		
4.82	12.19	CHERT BRECCIA.											
(15.8'	40.0')	Distinct unit as in 87-V-6.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES
4.82	12.19	Chert Breccia zone (Cont.)						
		- Massive, more chert rather than Breccia near top with trace hematite.						
		- Bottom contact irregular ~ 30°.						
		- 15 cm. limestone clast @ 8.84m.						
		- Trace to 1% disseminated pyrite. More evident at bottom. - Traces V.F.G. black mineral.						
		- Core Recovery = ±95%						
12.19	15.54	LIMESTONE						
(Add	51.0')	- Crinoidal, with narrow 45° breccia zone @ 14.32 m.						
		- Traces pyrite -						
		- Low Recovery = ~100%.						
	15.54	END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-25 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : 270°

ELEVATION : _____ DIP : -88°

DATE BEGUN : MAY 21 /87 SHEET No. : 1/2.

DATE FINISHED : MAY 22/87 LOGGED BY : T. LISLE

TOTAL DEPTH : _____ DATE : MAY 28, 1987

CORE SIZE : HQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
0	14.26	CONGLOMERATE (NANAIMO GROUP.)									
0	46.8	-Dark green with three hematized									
		mudstone layers at: 7.92 to 8.23; 13.11									
		to 13.29 and 13.78 to 14.26									
		-Volcanic clasts locally replaced or									
		bordered with hematite.									
		- Core Recovery = 95%									
14.26	18.23	TUFF BRECCIA (SICKER)?									
		- Soft, friable, chloritic with silicified limestone									
		clasts to 15.54m. Darker more competent rock.									
		17.98 to 18.23 with pyrite & locally strong chalcopyrite									
		- Soft gouge limonitic zone, 70°, at 16.28 m (0.3m)									
		- 70° & 40° limonitic fractures, Bottom contact = 32°									
		- Core Recovery = 90%									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
18.23	25.60	CHERT BRECCIA.						
60.0	84.0'	- Commonly green with up to 25% clasts of mainly silicified limestone in green locally andesitic-chloritic matrix.						
		- Bottom contact sharp at 60°						
		- Cherty sections 18.4 – 19.05 & 19.81 – 20.91.						
		- 19.05 – 19.81 Chloritic tuff well banded at 60° to 65°. Traces to 1% pyrite, Trace Cpy.						
		Core Recovery = 95%						
25.60	29.26	LIMESTONE:						
84.0	96.0'	- Fine to medium grained						
		- 27.4M – 12 cm highly silicified fossiliferous limestone band @ 50° plus local irregular fragments.						
		- Traces V.F.G. pyrite ± chalcopyrite.						
		- Core Recovery = 95%						
	29.26	END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-26 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 22/87 SHEET No. : 1/3

DATE FINISHED : May 23/87. LOGGED BY : LISLE

TOTAL DEPTH : 27.74 (910') DATE : May 31/87

CORE SIZE : HQ

(FEET IN ARNCLIFFS)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
0	12.50	CONGLOMERATE (KANAINIO)									
(0	41.0)	-Gritty & limonitic fractures towards bottom									
		- Volcanic fragments locally replaced or bordered by hematite.									
		- 11.00 - 11.37 m - Hematized mudstone.									
12.50	16.58	BRECCIA.									
(41.0'	54.4)	- Green, partly intrusive? into dark	8715	12.50	13.11	0.61			.002	.04	21.47
		green tuff. Sectwin marked by	8716	13.11	13.87	0.76			.002	.03	19.14
		angular silicified limestone clasts and	8717	13.87	14.63	0.76			.002	.01	22.25
		minor dark grey chert	8718	14.63	15.90	1.27			.009	.05	27.37
		- ±10% Hematite @ 12.50 to 12.95 locally banded ~28°.	8719	15.90	16.58	0.68			.005	.12	25.03
		- ±10% " @ 14.63 to 15.54, banded ~@ 38° and									
		locally as clasts									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
1250	1658	Cont.											
		-Gougy limonitic zone @ 45°, 13.4 to 13.72 M.											
		- Core Recovery = 92%.	8720	17.58	18.58	1.00			.011	.04	14.77		
16.58	17.98		8721	18.58	19.58	1.00			.010	.23	8.09		
(54.4	59.0')	Tuff.											
		-Dark green. Few fragments of chert @ bottom.	8722	19.58	20.58	1.00			.028	.09	7.90		
		- Core Recovery = 95%.											
17.98	20.12	CHERT BRECCIA.											
(59.0	66.0')	- Section varies from dark green to buff											
		- Contorted banding c. 18.4 to 19.8 M											
		with sweity quartz zones with traces											
		to 0.5% chalcopyrite, minor pyrite.											
		(Intrusive)											
		Core Recovery = 95%											
20.12	21.76	CHERT.											
(66.0'	71.40)	- Locally grading to breccia											
		- Pale grey. Traces pyrite, chalcopyrite + Malachite.											
		- Section is largely silicified Ls.											
		- Traces chalcopyrite and pyrite											
		- Core Recovery = 100%											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
21.76	24.38	TUFF.						
(71.4	80.0')	- Dark green grading to CHERT BRECCIA.						
		- 22.65M - Tuff band or fragment @ 45°.						
		- 23.77 - 24.23M. Green tuff grading to breccia						
		- Core Recovery = 95%						
24.38	25.69	CHERT BRECCIA.						
(80.0'	84.31)	- Green grading to grey.						
		- Traces to locally 1% pyrite.						
		- Core Recovery = 100%						
25.69	27.74	LIMESTONE.						
(84.3	91.0')	- Crinoidal; Pale and mottled.						
		- Rare traces pyrite						
		- Core Recovery = 95%						
	27.74	END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA. HOLE No. : 87-V-27. CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : MAY 24/87. SHEET No. : 1/2.

DATE FINISHED : MAY 24/87 LOGGED BY : LISLE

TOTAL DEPTH : 14.6M (480') DATE : MAY 25/87.

CORE SIZE : HQ.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
0	3.66	OVERBURDEN.									
(0	12.0')										
3.66	4.05	TUFF BRECCIA.									
(12.0'	13.3')	- Green, weathered. Poor 70° banding.	8645	3.66	4.05	0.39			.013	.09	26.91
4.05	5.82	HEMATITE ZONE.									
(13.3'	19.1')	- Approximately 65% hematite, 35% calcareous tuff. Non-banded. Swirly, contorted and locally as fragments.	8646	4.05	4.94	0.89			.015	.15	37.69
			8647	4.94	5.82	0.88			.002	.04	37.50
		- Core Recovery = 95%	8648	5.82	6.82	1.00			.002	.02	10.60
5.82	6.71	LIMESTONE BRECCIA.									
(19.1	22.0')	- Fragments of limestone, siliciclivid lst & cherty quartz in dark green tuff.?									
		- Core Recovery = 100%.									

87-V-27 2/2.

(METRES)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	— METRES.— FROM	TO	WIDTH	RECOV	SULPHIDES					
6.71	14.63	LIMESTONE.											
(22.0'	48.0')	- Very fine grained. with 10% coarse-											
		grained silicified limestone											
		- Thin 60°-70° green tuff laminations											
		from 7.31 to 7.92 metres.											
		- Core Recovery = 95%.											
	1463	END OF HOLE.											

87-V-28

CANAMIN RESOURCES LTD.

DIAMOND · DRILL LOG

PROPERTY : VILLALTA. HOLE No. : 87-V-28 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP
/		
1		

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : MAY 24/87 SHEET No. : 1/2.

DATE FINISHED : MAY 25/87. LOGGED BY : T. LISLE.

TOTAL DEPTH : 7.92 (260') DATE : May 29/87

CORE SIZE : HQ.

METRES (FEET IN BRACKETS)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
0	1.83	Over burden.									
(0'	6.0')										
1.83	3.35	large boulders of feldspar porphyry									
(6.0'	11.0')	separated by well cored mud + rock flour	8667	3.35	3.96	1.02			.001	.08	17.55
3.35	5.03	Mixed Breccia.									
(11.0'	16.5')	- Cherty tuff breccia grading at 3.66	8668	3.96	5.03	1.07			.001	.05	9.87
		to limestone breccia. (Lst. fragments									
		in green chloritic matrix.)									
		- Section has ± 5% hematite near top									
		and associated with sandy white carbonate.									
		- Core Recovery = 95%									

87-V-28 2/2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
5.03	7.92	LIMESTONE.						
(16.5	26.0')	- Grey, fine grained with 10% silicified fossiliferous limestone in zones up to 15 cm. wide bedding at 50° to 70°						
		- local strong limonitic fractures						
		- Slight pink colour:						
		- Chloritic fractures.						
		- Core Recovery = 95%.						
	7.92	END OF HOLE						

87-V-29

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : _____ HOLE No. : 87-V-29 CLAIM : _____

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : _____

ELEVATION : _____ DIP : -90°

DATE BEGUN : May 24/87 SHEET No : 1/1

DATE FINISHED : May 24/87 LOGGED BY : T. LISLE

TOTAL DEPTH : 9.45' (31.0') DATE : May 29/87

CORE SIZE : HQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	2.44												
(0	8.0')	Overburden											
2.44	3.96	Limestone Breccia.											
(8.0'	13.0')	- Cherty siliceous zone at top.	8669	2.44	3.35	0.91			.002	.04	4.97		
		- 3.50 - 3.66m. Strong chloritic band @ 60°.	8670	3.35	3.96	0.61			.006	.01	10.56		
		- Tuff breccia (dark green) at top.	8671	3.96	4.96	1.00			.001	.01	.33		
		- Core Recovery = 65%.	8672	4.96	5.96	1.00			.001	.03	.44		
3.96	9.45	Limestone											
(13.0'	31.0')	- Fine grained with 15% silicified fossiliferous limestone layers to 25cm locally @ 60°-70°.											
		- Section fractured, locally pink stained (Hem)?. Fractures are also dark grey.											
		- Core Recovery = 95%.											
	9.45	End of Hole											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA. HOLE No. : 87-V-30 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 26/87 SHEET No. : 1/2

DATE FINISHED : May 26/87. LOGGED BY : T. LISCE.

TOTAL DEPTH : 10.97 (36.0') DATE : May 29/87

CORE SIZE : HO.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	2.74	OVERBURDEN.											
10	9.0')												
2.74	3.90	TUFF BRECCIA.											
(9.0'	12.8')	- Fragments mainly pale silicified limestone?	8655	2.74	3.90	1.16			.010	.10	10.10		
		minor dark grey chert. Tuffaceous matrix	8656	3.90	4.57	0.67			.490	.90	23.89		
		green and altered (chlorite, epidote?).											
		- Core Recovery = 95%											
3.90	5.24	HEMATITE ZONE											
(12.8'	17.2')	- Well broken and pitted. Limestone clasts	8657	4.57	5.24	0.67			.096	.66	24.09		
		from 4.57 to 4.88 M. with local / coarse 70° banding	8658	5.24	6.24	1.00			.001	.03	4.56		
		- Approximately 70% hematite.											
		- Core Recovery to 4.57 = 75%.	"										
		4.57 to 4.88 = 100%; 4.88 to 5.24 = 50%.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	METRES. FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
5.24	9.23	CHERT BRECCIA.									
(17.2	30.3)	- Breccia grades to fine grained and-	8673	6.24	7.24	1.00			.001	.07	4.62
		silicified fossiliferous limestone @ 8.23 M.	8674	7.24	8.24	1.00			.001	.01	5.58
		- Local chloritic sections.									
		- 5.24 - 5.79 well broken - 50% Core Recovery									
		- 5.79 to 9.23 = ± 90% Core Recovery.									
9.23	10.97	LIMESTONE									
(30.3'	36.0')	- 10% cherty silicified fossiliferous limestone.									
		- Limestone is fine-grained, slightly argillaceous.									
		- Section cut by 30° white carbonate									
		fractures.									
		- Increasingly chloritic with traces of									
		pyrite and chalcopyrite									
		- Core Recovery, ± 95%.									
	10.97	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA. HOLE No. : 87-V-31 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : 020°

ELEVATION : DIP : -88°

DATE BEGUN : May 26/87 SHEET No. : 1/2.

DATE FINISHED : May 26/87 LOGGED BY T. LISLE

TOTAL DEPTH : 20.12 (66') DATE : May 27/87

CORE SIZE : HQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0'	6.09	HEMATITE ZONE	8649	0	1.22	1.22			.001	.07	36.08		
(0'	20')	- Approximately 75% hematite with fuch.	8650	1.22	2.83	1.61			.042	.15	39.22		
		- Varies from deep red to black.	8651	2.83	3.83	1.00			.018	.24	37.85		
		- bottom contact @ 70°	8652	3.83	4.83	1.00			1.056	2.16	38.20		
		- Core Recovery = 0 - 1.83 = 50%	8653	4.83	6.09	1.26			.038	.24	26.42		
		1.83m - 3.35 = 65% ; 3.35 - 6.09 = + 90%.											
6.09	6.53	Tuff breccia.	8654	6.09	6.53	0.44			.010	.13	33.16		
(20')	(21.42)	- Bedding @ ±65°; minor hematite at top.	8675	6.53	7.53	1.00			.001	.13	11.55		
		- Bottom contact @ 65°.	8676	7.53	8.53	1.00			.002	.15	3.78		
		- Core Recovery = 95%	8677	8.53	9.53	1.00			.002	.09	2.06		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	METRES FROM	METRES TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
6.52	9.26	CHERT.									
(21.42'	30.4')	- Grey with minor green Tuff.									
		- Breccia developed Dany 20° chloritic Fracture.									
		- 7.01 - 15cm. hematite - tuff zone.	8678	9.53	10.53	1.00			.001	.03	1.95
		- Core Recovery = ± 90%.									
9.26	17.07										
30.4	56.0'	CHERT.									
		- Unit is silicified fine-grained limestone.	8679	10.53	11.53	1.00			.001	.04	4.09
		and darker, coarser crinoidal? limestone									
		locally well banded at 60° to C.A.	8701	11.53	12.53	1.00			.001	.01	2.67
		- Locally form breccia.	8702	12.53	13.53	1.00			.001	.01	2.77
		- Darker segment more common after 11.58 M.	8703	13.53	14.53	1.00			.001	.03	3.90
		- 14.02 - 17.07 M - Strong chloritic fracture + pyrite.	8704	14.53	15.53	1.00			.001	.13	4.04
		- 15.24 - Banded tuff: @ ± 70°, broken & chloritic.	8705	15.53	16.53	1.00			.001	.19	5.16
		- Core Recovery = ± 90%.	8706	16.53	17.07	0.54			.001	.14	3.55
17.07	20.12	LIMESTONE.									
(56.0'	66.0')	- Massive. locally darker grey and chloritic.									
		- Core Recovery = 95%.									
	20.12	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA. HOLE No. : 87-V-32 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 27/87

DATE FINISHED : May 27/87

TOTAL DEPTH 15.54 (51.0')

CORE SIZE : HQ

SHEET No. : 1/1

LOGGED BY T. USLE

DATE : May 31/87

METRES (FEET IN BRACKETS)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
0'	2.13	Overburden.											
(0'	7.0')												
2.13	2.99	Tuff Breccia.	8707	2.13	2.96	0.83			.001	.04	18.15		
(7.0'	9.8')	- Dark green. 15% pale silicified limestone	8708	2.96	3.92	0.96			.228	.14	26.41		
		clasts mainly at top.	8709	3.92	4.88	0.96			.006	.06	5.89		
		- Minor hematite at bottom.	8710	4.88	5.88	1.00			.001	.08	2.92		
		- Core Recovery = ± 90%	8711	5.88	6.88	1.00			.001	.05	1.51		
			8712	6.88	7.88	1.00			.001	.02	1.49		
2.99	3.92	Hematite zone											
(9.8'	12.85')	- Approximately 70% red hematite in altered											
		tuff breccia. Non-banded.											
		- Core Recovery = 95%.	8713	7.88	9.37	1.49			.001	.03	1.35		
			8714	9.37	10.76	1.39			.001	.01	3.28		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
3.92	7.01	LIMESTONE BRECCIA.						
(12.85'	23.0')	- Large irregular clasts of crinoidal lst.						
		and fine-grained limestone cut by green to						
		buff-green chlorite-rich zones that are						
		locally cherty. (Intrusive)?						
		- limestone more argillaceous to 7.01 M.						
		- Core Recovery = ±95%						
7.01	9.57	CHERT.						
(23.0'	31.4')	- Pale grey silicified crinoidal limestone?						
		- Darker sections banded at ±55° to C.A.						
		- Core Recovery = ±95%						
9.57	10.67	LIMESTONE BRECCIA						
(31.4	35.0')	- As above 7.01. - Bottom contact chloritic						
		with pyrite @ 15° to C.A. = Minor cherty zone.						
10.67	15.54	LIMESTONE.						
(35.0	51.0')	- Massive crinoidal. Stylolitic seams.						
		- Core Recovery = ±95%						
	15.54	END OF HOLE						

87-V-33

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA. HOLE No. : 87-V-33 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 27/87 SHEET No. : 1/3

DATE FINISHED : May 28/87 LOGGED BY : LISLE

TOTAL DEPTH : 1707 (560') DATE : June 1/87.

CORE SIZE : H-9

METRES (FEET IN BRACKETS)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
0	1.83	Overburden.									
(0'	6.0')										
1.83	7.07	Tuff Breccia.	8723	3.93	4.72	0.79			.031	.07	20.30
(6.0	23.2')	- Dark green, Non Calcareous									
		- 10% - 20% silicified limestone clasts									
		- Local dark grey chert and green volcanic									
		clasts also present.	8724	6.10	7.10	1.00			.001	.06	8.70
		- Section locally resembles andesite.	8725	7.10	8.10	1.00			.001	.01	2.06
		- 3.96 - 4.72m - Chloritic; minor hematite	8726	8.10	9.10	1.00			.001	.01	1.22
		- 6.10 - 7.07m - Strong chloritic section,	8727	9.10	10.39	1.29			.001	.01	1.15
		pale green with pyrite.									
		- Trace pyrite									
		- Core Recovery = 95%, Badly broken	8728	12.17	13.17	1.00			.001	.02	3.23
		in places.	8729	13.17	14.17	1.00			.001	.06	4.20

METRES (FOOT IN BRACKETS.)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
7.07	10.39	CHERT.						
(23.2'	34.1')	- Pale grey, locally vuggy with pyrite and strongly limonitic.						
		- Mottled dark & pale grey (sil. lst.)?						
		- Pale green chloritic zones near 10.39m						
		- Core Recovery = 87%						
10.39	14.08	TUFF ?						
(34.1'	46.2')	- Rock is soft, chloritic, and not unlike hole 87-V-33 - varies to greywacke.						
		- Sections are speckled and resemble altered feldspar porphyry with feldspar altered to soft white clay.						
		- Pyrite more common in chloritic fracture zone, and in semi-massive amounts over ± 2cm at bottom - irregular 45° contact.						
		- Section 10.39 to 10.97 is a soft chlorite mud equivalent to 20% recovery. - Balance of Section: the core recovery is ~ 90%.						

87-V-33 3/3

(METRES) (FEET IN BRACKETS)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES					
14.08	17.07	LIMESTONE											
(46.2'	56.5')	- Massive, grey, crinoidal.											
		- Top contact @ 45°, irregular.											
		- Traces vf. pyrite											
		- Core Recovery ± 98%											
	17.07	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : _____ HOLE No. : 87-V-34 CLAIM : _____

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : _____

ELEVATION : _____ DIP : -90°

DATE BEGUN : MAY 28/87 SHEET No. : 1/2

DATE FINISHED : MAY 28/87 LOGGED BY : USLE

TOTAL DEPTH : 1463 (480') DATE : JUNE 1, 1987

CORE SIZE : HQ

METRES (FEET IN BRACKETS.)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.83	SURFACE RUBBLE											
(0'	6.0')	(INCLUDES conglomerate & feldspar porphyry)											
1.83	6.64	TUFF BRECCIA.											
6.0'	21.8'	- Dark green, as in 87-V-33 and											
		includes black to dark green chloritic	8730	5.64	6.64	1.00			.002	.10	9.07		
		tuff clasts	8731	6.64	7.64	1.00			.001	.02	1.15		
		- 5.79 - 6.64 Paler green chloritic zone	8732	7.64	8.64	1.00			.001	.05	.91		
		weathered with traces of pyrite.											
		- Core Recovery = ± 95%.											
6.64	10.67	CHERT.	8733	8.64	9.64	1.00			.001	.01	1.05		
(21.8	35.0')	- Pale grey, partly limonitic & vuggy.	8734	9.64	10.64	1.00			.001	.05	2.23		
		- 9.64 - 10.67, Pale green chloritic chert											
		with up to 1% disseminated pyrite.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
6.64	10.67	Continued.						
		- Traces of pyrite throughout.						
		- Core Recovery = ~87%.						
10.67	12.50							
(35.0	41.0')	CHERT.						
~~10.67~~		- Green, may be continuation of above.						
		- Section highly broken. 0° limonite						
		fractures.						
		- Rock grades locally to breccia.						
		- Core Recovery = 30%.						
12.50	14.63	ANDESITE TUFF ?						
(41.0'	48.0')	- Grey, may be same rock as noted						
		in 87-U-33. Locally grades to						
		breccia? - One piece with V.F.G. pyrite -						
		Core Recovery approximately 10%						
	14.63	Hole lost at very large cavity						
		END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V-35 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : 025°

ELEVATION : DIP : -85°

DATE BEGUN : May 29 /87 SHEET No. : 1/2

DATE FINISHED : May 29 /87 LOGGED BY : T. LISLE

TOTAL DEPTH : 9.75 (32.0') DATE : June 3, 1987

CORE SIZE : HQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0-	4.42.	TUFF Breccia.											
(0	14.5')	- Dark green with black chlorite clasts.	8774	0	1.83	1.83			.099	.14	34.07		
		- Weak banding at 45° at 3.66M Then increase of silicified limestone clasts.											
		- 3.96 - 4.27 - Pale-green to white silicified jas	8775	3.66	4.57	0.91			.005	.12	6.61		
		- 4.27 - 4.42 M, Banded at 50°.	8776	4.57	5.57	1.00			.001	.04	1.4		
		- Top piece of core - well-banded hematite-	8777	5.57	6.57	1.00			.001	.02	1.02		
		at 60° to C.A. over 10 cm.	8778	6.57	7.31	0.74			.001	.02	.98		
		- Core Recovery: 0-1.83 = 30%; 1.83-2.44 = 75%.	8779	7.31	7.92	0.61			.001	.07	3.93		
		Then 95% to bottom.											
4.42	7.32.	CHERT.											
(14.5'	24.0')	- Grading locally to breccia. Locally limonitic and chloritic. Trace to 1% VFG. Pyrite + black mineral.											
		- Core Recovery = 85%.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES					
7.32	7.92	LIMESTONE BRECCIA											
(24.0'	26.0')	- Grading to chert breccia with green											
		chloritic tuff matrix. Minor pyrite,											
		- Bottom contact at 32°.											
		- Core well broken - Recovery = 85%.											
7.92	9.75	LIMESTONE											
(26.0'	32.0')	- Medium grained, locally crinoidal.											
		- Minor pyrite on 0° fractures.											
		- Core Recovery = 95%.											
	9.75	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V- 36 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : May 29 /87 SHEET No : 1/2

DATE FINISHED May 31 /87 LOGGED BY : T. LISLE

TOTAL DEPTH : 15-54 (51.0') DATE : June 4, 1987

CORE SIZE : HQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0'	7.0'	Overburden.											
2.13	3.66	Tuff Breccia.											
(7.0'	12.0)	Highly broken, limonitic, increasingly altered with epidote, chlorite + hematite. Core Recovery = 85%.											
3.66	4.72	HEMATITE - LIMONITE ZONE.											
(12.0	15.5'	Broken, limonitic, Hematite bands 3.66 to 3.96 - Core Recovery = 50%											
4.72	5.18	LIMESTONE.											
15.5'	17.0' / 51.0'	- Fine grained. Top Contact - 15° - CR = 95%.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
5.18	9.54	CHERT Breccia.						
(17.0	31.3)	- Silicified dark & light fine-grained limestone to 5.42.						
		- Bottom contact sharp cut 45°						
		- 8.38 to 9.45 - Silicified limestone clasts core suggesting V. steep contact.						
		- Trace to 1% UFG pyrite ± chalcopyrite						
		- Core Recovery ± 90% ?						
9.54	15.54	LIMESTONE.						
(31.3	51.0)	Commonly massive, locally convoluted						
		-10.42 - 11.0 M - Green siliceous breccia						
		Bottom contact @ 40° with irregular green chloritic breccia from 10 to 10.42m.						
		- Trace to locally 1% UFG. pyrite.						
		- Core Recovery = +95%						
	15.54	END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V-37 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : 090°

ELEVATION : DIP : -88

DATE BEGUN : May 31/87

DATE FINISHED May 31/87

TOTAL DEPTH : 15.54 (51.01)

CORE SIZE : HQ

SHEET No. : 1

LOGGED BY : T. LISLE

DATE : JUNE 3, 1987

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
0	0.61	Overburden.									
0.61	4.69	HEMATITE ZONE	8735	0.61	1.22	0.61			.001	.09	29.83
(2.01	15.4')	- SOFT, FRIABLE, LOCALLY crumbly & gouge	8736	1.22	1.83	0.61M			.003	.09	36.36
		- 20% - 25% hematite as clasts or irregular zones	8737	1.83	2.83	1.00'			.004	.19	17.65
		in tuff breccia. 40° cherty zone @ 1.83M,	8738	2.83	3.83	1.00			.007	.15	31.80
		and cherty at bottom.	8739	3.83	4.69	0.87			.008	.14	29.19
		- Core Recovery: 25% to 1.83; 75% from 1.83 - 3.35 &	8766	4.69	5.69	1.00			.001	.06	3.3
		80% From 3.35 to 4.69M.	8767	5.69	6.40	0.71			.001	.03	4.76
			8768	6.40	7.16	0.76			.001	.01	8.66
4.69	10.97	CHERT BRECCIA:	8769	7.16	8.16	1.00			.001	.02	1.96
		- Green altered zone with large clots of	8770	8.16	9.16	1.00			.001	.01	1.67
		hematite, minor chalcopyrite 6.4 to 6.86 M.	8771	9.16	10.16	1.00			001	.01	2.37
		- Pyritic breccia @ 5° zone in limestone	8772	10.16	10.97	0.81			.001	.11	4.35
		- Vuggy & limonitic 4.69 - 5.79.									
		- Trace to 1% pyrite (VFG); Trace chalcopyrite. - Core Recovery c 90%.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES					
10.97	15.54	LIMESTONE.											
		-Massive, crinoidal with rare traces											
		of pyrite											
		-Core Recovery = 95%											
	15.54	END OF HOLE											

87-V-37 A. 1/1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
	0-61										
0	2.0'	Over burden.									
061	1.22	Hematite.									
(2.0'	4.0')	- Massive red hematite.	8751	0-61	1.22	0-61			.002	.10	35.14
		- 50% core recovery.	8752.	1.22	1.83	0-61			.002	.16	38.20
1.22	1.83	Turf Breccia.									
(4.0'	6.0')	- 15% hematite as clasts!									
		- Several loose fragments of varying lithology.									
		- Core Recovery = 40%.									
	1.83	END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : _____ HOLE No. : 87-U-38 CLAIM : _____

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : 090°

ELEVATION : _____ DIP : - 87°

DATE BEGUN : May 31/87 SHEET No. : 1/2

DATE FINISHED : June 1/87 LOGGED BY : T. LISLE.

TOTAL DEPTH : 15.54 (51.0') DATE : June 2/87

CORE SIZE : HQ.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	8.23	HEMATITE ZONE											
(0	27.0')	- 0 - 2.96M - Black hematite, pitted, limonitic,											
		strongly weathered. Est. ≈ 75% Hem.	8740	0.46	0.91	0.45			.004	.40	29.44		
		- 2.96 - 5.56M 40% red hematite in grey-	8741	0.91	1.83	0.91			.061	.08	29.37		
		green weathered tuff breccia with chert	8742	1.83	2.83	1.00			.031	.22	31.83		
		fragments. Hematite locally as clasts	8743	2.83	3.83	1.00			.035	.27	35.88		
		- Banding, where evident, at 60° to 70° to C.A.	8744	3.83	4.83	1.00			.007	.43	36.73		
		- 5.56 - 8.23M. ≠ 15% hematite, commonly	8745	4.83	5.83	1.00			.001	.62	36.88		
		as clasts or irregular zones in chert	8746	5.83	6.83	1.00			.001	.15	24.36		
		or chert breccia. Bottom section vuggy	8747	6.83	7.83	1.00			.001	.06	26.07		
		and chloritic.	8748	7.83	8.23	0.40			.001	.04	27.52		
		- Core Recovery: 0 - 0.91M = 20%; 0.91 - 1.83 = 45%	8749	8.23	9.45	1.22			.001	.04	7.27		
		1.83 - 8.23 = 90%.	8764	9.45	10.21	0.76			.001	.19	5.21		
		- * Bottom of hematite zone taken as 8.23M.											
		Core loss assumed to be from 8.69 to 9.30M.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
8.23	10.12	CHERT BRECCIA.											
27.0	33.2	- Green chloritic fractures + minor hematite at top. Bottom contact chloritic. Dip.?											
		- Trace to 1% V.F.G. pyrite? or ?											
		- Core Recovery = ~70% with core loss assumed to be from 8.69 to 9.14 M.											
10.12	15.54	LIMESTONE											
33.2	51.0)	- Crinoidal.											
		- 10.12 - 10.36 M - Chlorite in fractures and in irregular zones.	8765	13.26	14.02	0.76			.001	.03	2.36		
		- 13.41 to 13.72 - Clay-pyrite fracture zone with minor hematite @ 15° to C.A.											
		- Core Recovery = 95%											
	15.54	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-39 CLAIM :

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : 135°

ELEVATION : DIP : -87°

DATE BEGUN : JUNE 1/87 SHEET No : 1/2

DATE FINISHED : JUNE 2/87. LOGGED BY : T. LISLE

TOTAL DEPTH 15.54M (51.0') DATE : JUNE /87.

CORE SIZE : HQ

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	1.22	Overburden.											
1.22	1.58	Rubble. Mainly feldspar porphyry.											
(4.0'	5.2')												
1.58	3.53	HEMATITE ZONE	8753	1.58	2.58	1.00			.081	.70	35.32		
(5.2	11.6')	- Mainly red hematite. Approx. 35%	8754	2.58	3.57	0.98			.039	.65	32.70		
		in grey-green tuff breccia.	8755	3.57	4.57	1.00			.001	.05	4.91		
		- Section locally well banded @ 50° to 60°	8756	4.57	5.57	1.00			.001	.13	5.07		
		Steeper at bottom.	8757	5.57	6.57	1.00			.001	.03	2.57		
		- Bottom contact at 33°	8758	6.37	7.37	1.00			.001	.10	1.89		
		- Core Recovery = ± 95%.	8759	7.37	8.37	1.00			.001	.08	1.82		
			8760	8.37	9.37	1.00			.001	.01	259		
			8761	9.37	10.37	1.00			.001	.04	2.13		
			8762.	10.37	11.17.	0.80			.001	.13	3.67		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
3.53	11.37	CHERT BRECCIA. (SIL. LST.)											
(11.6'	37.3')	- Commonly pale grey. Top section not											
		as well brecciated.											
		- Bottom contact at 50° to C.A.											
		- Trace to locally 1% pyrite and chalcopyrite.											
		- 5.49 - 5.79 limonitic minor pyrite + malachite											
		- 8.99 - 9.20 and 10.67 - 11.37 Chloritic + chalcopyrite											
		- Trace VEG. bulusk mineral. Hematite? Beryl?											
		- Core Recovery = 95%.											
11.37	15.54	LIMESTONE											
(37.3'	51.0')	- Grey, crinoidal..											
		- 13.71 - 14.54 - Chert Breccia with up to 1% pyrite	8763	13.65	14.45	0.80			.001	.03	1.92		
		and chalcopyrite. Top contact irregular but											
		steep; Bottom contact at ~65° slightly limonitic											
		12.71 - 12.86 Green chloritic zone @ 20°											
		and/or 50° to C.A.											
		- Core Recovery = 95%											
	15.54	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-40 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : - 90°

DATE BEGUN : June 2 /87

DATE FINISHED : June 2 /87

TOTAL DEPTH : 6.40 M.

CORE SIZE : HQ

SHEET No. : 1/1

LOGGED BY : T. LISLE

DATE : 1987

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	6.40	LIMESTONE.											
(0	21.01)	- Grey, fine-grained, increasingly darker grey towards bottom											
		- 15% Silicified crinoidal layers up to 0.20 metres wide, locally 70° to C.A.											
		- 4.11 to 4.27 M Brecciated silicified limestone with pyrite in 40° dark-grey zones.	8773	3.96	4.42	0.46			.001	.01	.58		
		- Core Recovery = 96%											
	6.40	END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V- 41 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : 095°

ELEVATION : DIP : -64°

DATE BEGUN : June 3 /87 SHEET No. : 1/6

DATE FINISHED : June 6 /87 LOGGED BY : T. LISLE

TOTAL DEPTH : 96.62 (317.0') DATE : June 7, 1987

CORE SIZE : HQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	3.35												
(0	11.0')	Casing.											
3.35	39.32												
(11.0'	129.0)	Nanaimo Group sedimentary rocks											
		3.35-4.72. - Rubble											
		4.72-5.64 - Argillite, calcareous, dark grey.											
		5.64-8.08 - Sandstone. 10% argillite. Bedding ±45°											
		- Dark grey, calcareous.											
		8.08-10.36 - Polylithic conglomerate. Gritty											
		- sandstone matrix. 20% clasts.											
		- Calcareous.											
		10.36-13.12 - Volcanic Sandstone, Calcareous.											
		- Grey-green, 50° bedding. Few											
		clasts near top. Bottom contact.											
		unbroken but well marked.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
3.35	39.32	Continued.						
		13.12 to 36.39 - Conglomerate -						
		Polylithic calcareous. Section cut						
		by numerous white carbonate veinlets						
		- Brown bentonitic mudstone layers at:						
		18.59 to 18.90; 19.8 to 21.03; 25.30 to 25.91						
		20.65 to 29.26; 33.53 to 33.83 M. and						
		36.39 to 39.32 M.						
39.32	41.76	Fault Zone						
(129.0'	137.0')	Soft, green, googy, chloritic tuff?						
		20% Core Recovery.						
41.76	48.16	Tuff and Volcanic Sandstone (GREEN)						
(137.0'	158.0')	- Coarse grained, and increasingly cherty						
		towards bottom.						
		- Strongly sheared and altered to 42.82 M.						
		- Hematized Fractures to 44.19 M.						
		- Banding at ~60°, locally to 45°						
		- Section well broken, Core Recovery = 90%						

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
48.16	54.56	TUFF BRECCIA and CHERT BRECCIA.									
(158.0'	179.0')	-Increasing chert as clasts and irregular									
		zones towards 54.56M.									
		- 30° banding preserved at 48.77M.									
		-10% hematite, 52.3 to 52.6 M -									
		- Local Sericity-green alteration.	8791	53.56	54.56	1.00			.013	.13	15.77
54.56	65.23	HEMATITE ZONE.	8792	54.56	55.56	1.00			.016	.06	30.01
(179.0'	214.0')	- Top contact at ± 30°; bottom contact unsure.	8793	55.56	56.56	1.00			.046	.09	28.20
		- Section is largely a breccia, with evidence	8794	56.56	57.56	1.00			.010	.12	29.37
		of banding at 56.08 = 25°; and at	8795	57.56	58.56	1.00			.011	.05	29.43
		64.0 M at ± 30°	8796	58.56	59.56	1.00			.089	.07	30.31
		- 54.56 to 58.83 ~ 25% hematite.	8797	59.56	60.56	1.00			.088	.16	26.86
		-58.83 to 63.40 ~ 60% " .	8798	60.56	61.56	1.00			.249	.65	25.50
		- 63.40 to 65.23 ~ 10% to 15% hematite.	8799	61.56	62.56	1.00			.045	.55	29.62
		- Approximately 5% occurs as red hematite	8800	62.56	63.56	1.00			.051	.50	23.98
		Remainder is dark-blue dense, VFG	8801	63.56	64.56	1.00			.005	.51	27.93
		specularite that is locally magnetic.	8802	64.56	65.23	0.67			.052	.46	24.51
		- Other clasts include chlorite.	8854	65.23	66.08	0.85			.002	.24	22.21
		- Abundant carbonate as small clots or fracture									
		- 56.23 to 56.68 Hematite-carbonate zone									
		associated with jet-black mineral.									
		- Core Recovery = 95%.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES
65.23	66.08	Marble / Limestone.						
(214.6	216.8)	-50% of Section is dark green						
		chloritic tuff + hematite at ~10° to C.A.						
		- C.R. = +95%						
66.08	66.54	- Dark Green to black Chloritic Tuff.						
216.8	218.3	- Bottom contact at 70°. C.R. as above.						
66.54	66.93	Limestone						
(218.3	219.6)	- With 2cm chert above a 30°						
		black chloritic tuff with hematite.						
66.93	71.41	Marble / Limestone						
219.6	234.3	- Massive, Bottom Contact @ 60°.						
71.41	72.47	Chert (Silicified Limestone)						
234.3	237.75	- Grading at 71.93 to mottled green.						
		breccia (Intrusive)? Minor limestone.						
		- Core Recovery = 95%						
72.47	74.52	- Tuff						
237.75	244.5	- Dark green, locally cherty; speckled						
		with carbonate specks at 10° to C.A.						
		- Minor Pyrite, hematite - C.R. = 95%						

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au oPT	Ag oPT	Fe %
74.52	76.14	TUFF.									
244.5'	249.8'	- Dark green. Bottom contact @ 10°	8865	74.68	75.90	1.22			.003	.05	33.27
		and hematitic.									
		- Strong 20° banding. Abundant									
		secondary carbonate. Minor hematite									
		- Fine grained silvery sulphide @ 75.59 m.									
		- Core Recovery = 95%.	8835	75.90	76.90	1.0			.005	.11	34.65
			8836								
76.14	79.77	TUFF BRECCIA. ?									
249.8	261.7'	- Highly altered to a yellow-green	8836	76.90	77.90	1.0			.001	.02	29.85
		calcareous rock with siderite, local	8837	77.90	78.90	1.0			.002	.16	29.37
		limestone fragments and 10% hematite	8838	78.90	79.90	1.0					
		irregularly distributed. Traces of									
		pyrite and chalcopyrite.									
		- Core Recovery = 95%.									
79.77	81.69	CHERT BRECCIA.									
261.7	268.0'	- Large clasts of silicified limestone	8839	79.90	80.90	1.0			.004	.01	12.38
		and grey infill in green altered matrix.	8840	80.90	81.69	0.59			.002	.06	10.83
		Core Recovery ~95%.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
81.69	82.81										
268.0	271.7	BRECCIA.									
		-Dark multilithic breccia with 5%	8841	81.69	82.81	1.12			.009	.11	28.50
		VFG. pyrite that locally appears at 10°-15°.									
		-Sulphide includes clasts of dark tuff									
		to ± 5cm + silic. lst. clasts									
		- Core Recovery = 95%									
82.81	88.39	TUFF (?)	8842	82.81	83.81	1.00			.004	.07	31.05
(271.7	290)	-Highly altered zone as 76.14 to 79.77	8843	83.81	84.81	1.00			.006	.08	31.90
		Slightly finer grained, + Siderite	8844	84.81	85.81	1.00			.007	.09	27.18
		-Dark altered tuff laced with	8845	85.81	86.81	1.00			.001	.07	26.87
		white carbonate fractures make	8846	86.81	87.81	1.00			.001	.01	32.31
		up ~ 15% of section -	8847	87.81	88.81	1.00			.002	.05	19.79
		- Core Recovery = ± 95%.									
88.39	96.62	LIMESTONE - MASSIVE									
(290	317)	-Not as crystalline as above.									
		-Well fractured to 30° with local									
		brown-grey shrungens. Fractures chloritic									
		with pyrite. Local chert zone (Sil. Lst) parallel									
		bedding									
		-Core Recovery = 95%									
	96.62	END OF HOLE.									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V-42 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

(Feet in Brackets)

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : ~ 095°

ELEVATION : DIP : -74°

DIP TEST @ 9.19 ~ 75°.....METRES.....CORE

DATE BEGUN : June 6 /87

DATE FINISHED : June 8 /87

TOTAL DEPTH : 72.24 (237')

CORE SIZE : HQ

SHEET No. : 1/4

LOGGED BY : T. LISLE

DATE : June 8, 1987

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	6.10	Casing..											
6.10	38.40	Nanaimo Group Sedimentary Rocks											
(20.0'	126.0')*	- Core Recovery = ± 95%											
		- 6.10 - 9.30M Conglomerate.											
		- 9.30 - 11.46M Volcanic sandstone, local clasts,											
		minor argillite at 60° to C.A.											
		- 11.46M - 38.40 - Multilithic conglomerate											
		Hematitic mudstone layers											
		scattered near bottom of section.											
		- Strong (locally) carbonate fractures.											
	*	Contact area may be at 37.92 (124.4').											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
38.40	41.45	TUFF.									
126.0	136.0	- Hematized, Non-calcareous.									
		- Shear Zone? Well broken 40%-50% C.R									
41.45	45.96	TUFF									
136.0'	150.8	- Grading to Breccia with increase									
		in chert (silicified limestone) content.									
		- Host rock changes at 43.59 from									
		a coarse grained volcanic sandstone									
		with pink rhodonite? or hematite									
		stained layers at 50°; to a dark									
		green fine grained chloritic tuff.									
		- Bottom contact area highly silicious									
		- Core Recovery ± 80%.	8803	46.96	115.96	1.00			.019	.12	18.58
45.96	47.55	HEMATITE ZONE									
150.8	156.0	- Hematite occurs in dark green tuff	8804	45.96	46.96	1.00			.004	.12	30.91
		breccia similar to 87-V-41	8805	46.96	47.55	0.59			.068	.07	29.21
		- Estimate ± 30% hematite - Dk Black Red.									
		- Core Recovery = ± 95%									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
47.55	51.97	LIMESTONE - MARBLE									
(156.0	170.5)	Section has ~ 10% green altered	8806	47.55	48.55	1.00			.020	.02	5.52
		breccias as shingens, or as irreg-	8807	48.55	49.55	1.00			.027	.06	9.40
		ular clots to 0.15 M with up to	8808	49.55	50.55	1.00			.013	.06	12.38
		15% small hematite clasts + pink rhodonite?	8809	50.55	51.55	1.00			.001	.01	1.39
		47.55 M altered hematitic zone	8810	51.55	51.97	0.42			.002	.03	7.05
		has replaced 1/2 of limestone for									
		~ 18 cm along core with bottom									
		contact ~ ±90°. Minor pyrite.									
		- Core Recovery = ± 98%									
51.97	55.32	CARBONATE-SILICATE SULPHIDE ZONE	8811	51.97	52.97	1.00			.052	.08	27.17
(170.5	181.5)	- Mottled and highly altered to	8812	52.97	53.97	1.00			.062	.32	30.76
		greenish-yellow-pale brown-sedevite?	8813	53.97	54.77	0.80			.022	.33	31.00
		- Rock is locally porous, vuggy,	8814	54.77	55.32	0.35			.005	.09	24.27
		with crystalline quartz, and contains									
		about 10% sulphide, mainly pyrite									
		pyrrhotite and minor chalcopyrite.									
		Concentrated at: 52.27 - 52.42; 53.03 -									
		53.49 and banded @ 20°; 53.95 - 54.16;									
		and 54.41 to 54.72 That fracture 40°									
		banding in rock. Bottom contact ~ 20°									
		- Core Recovery = +95%.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
55·32	55·93	Breccia.									
181·5'	-183·5)	Fragments angular quartz, Chlorite ± sulphur buff - Zone at ±20° and in lower part	8815	55·32	55·93	0·61			.009	.04	13.11
		of alteration zone noted above.	8816	55·93	56·93	1·00			.004	.05	10.76
		C.R. = 95%	8817	56·93	57·93	1·00			.001	.01	2.77
55·93	72·24	LIMESTONE, locally oxidized?									
183·5'	237')	- Mainly altered to white marble									
		with ~5% Blue-white chert zones									
		locally at ±50°.									
		- local 5° to 10° chloritic fractures									
		mainly between 57.3 and 63.1 M.									
		contain fillings and local blebs ±5 cm.									
		of pyrrhotite, sphalerite and									
		pyrite. Minor pyrite also occurs									
		in dark grey discoloured zones									
		and cubic pyrite noted on some									
		fractures.									
		- Core Recovery = +95%									
		- Rare hematite on fractures.									
	72·24	END OF HOLE									
		DID TEST AT 69.19 ~75°.									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V-43 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : June 8/87 SHEET No. : 1/3

DATE FINISHED : June 9/87 LOGGED BY : T. LISLE

TOTAL DEPTH : 56.99 (187.0') DATE : June 9, 1987

CORE SIZE : HQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	3.05	Casing.											
0	10.0												
3.05	30.42	Conglomerate (Nanaimo Group).											
10.0'	99.8'	- Commonly dark green multilithic											
		fragments and dark hematitic											
		mudstone horizons at: 3.35-3.66 M;											
		6.70 to 6.86; 10.24-10.55; 11.22 to 11.67											
		18.23 to 18.59 and 21.94 to 22.71 M.											
		- Mudstone tends to form matrix to											
		green clasts more at this site.											
		- 13.12 to 15.24 Section contains up to											
		5% small hematitic clasts											
		- Poor bedding at 70° and 80° at 14.6											
		and 28.34 M. respectively.											
		- Core Recovery 70% to 5.18 then +95%.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
30.42	30.55	- Boundary between conglomerate	8818	30.42	31.42	1.00			.008	.03	27.56
(99.8'	100.25)	and Hematite. Limonitic - Assume contact.									
30.55	34.81	HEMATITE Zone.									
(100.25	114.2)	- 30.55 - 32.31 = 20% med. hematite in tuff breccia	8819	31.42	32.31	0.89			.015	.05	24.26
		with limestone clasts.	8820	32.31	33.31	1.00			.022	.06	28.08
		- 32.31 - 34.20, ~70% black and red hematite	8821	33.31	34.31	1.00			.005	.05	34.71
		Crude banding at 75°.	8822	34.31	34.81	0.50			.002	.12	34.98
		- 34.20 - 34.81 Approx 30% Red hematite									
		with very strong 5 cm chloritic									
		zone at 35° at 34.29 m.									
		chloritic to bottom.									
		- Core Recovery = 95%.									
34.81	40.08	LIMESTONE Breccia									
114.2	131.5	- Large irregular clasts of limestone	8823	34.81	35.81	1.00			.001	.06	9.05
		in yellowish-green alteration zones	8824	35.81	36.81	1.00			.005	.40	15.97
		with local strong concentrations of	8825	36.81	37.81	1.00			.049	.33	17.46
		hematite with traces of chalcopyrite. Zones are apparently related	8826	37.81	38.81	1.00			.030	.26	21.39
		to steep 0° - 15° fracture system.	8827	38.81	40.08	1.27			.115	.17	20.53
		Bottom Contact chloritic at 20°									
		- Core Recovery = 95%.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES
40.08	41.33	Crinoidal Limestone, silicified limestone						
(131.5'	135.6')	and two small dark grey tuff zones with						
		quartz clasts						
		- Core Recovery = 95%.						
41.33	50.99	CRINOIDAL LIMESTONE						
(135.6'	167.3')	- With local concentrations of pyrite/pyrrhotite						
		and trace sphalerite, related to steep						
		fractures and 40° zones. Best at. 49.68 to 50.02						
		- Core Recovery = 95%.						
50.99	56.99	FINE GRAINED LIMESTONE						
(167.3'	187.0')	- 15% silicified limestone (Crinoidal) layers.						
		- 1 cm 35° pyritic zone at. 51.14 M.						
		- Local clots and minor fracture						
		controlled pyrite.						
		- Core Recovery = +95%						
	56.99	END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V- 44 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : VERTICAL

DATE BEGUN : 11/6/87

DATE FINISHED 12/6/87

TOTAL DEPTH : 60.05

CORE SIZE : HQ

SHEET No. : 1

LOGGED BY : ~~T. LISLE~~

DATE : 1987

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0	3.05	Casing											
(0.0'	10.0')	V											
3.05	42.28	Nanaimo Group Sedimentary Rocks											
(10.0	138.7')	3.05 - 21.87 Conglomerate: Multi-lithic dark											
		green but with zones of haematitic											
		mudstone matrix at: ~~23~~ 7.01 - 8.84, 10.42 - 10.61,											
		13.87 - 14.17, 15.33 - 15.45, 17.50 - 17.56, 18.29 - 18.49,											
		20.10 - 20.21, 24.28 - 24.38, 26.98 - 27.13, 27.25 - 27.43											
		21.87 - 26.52(?) Unit of above conglomerate but with											
		more varied fragments including 5-10% haematitic											
		clasts. Locally clear evidence of selective alt'n of											
		certain clasts.											
		26.52(?) - 29.18 single graded unit of the congl. with											
		clasts graded to base in much finer matrix.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES
		29.18 - 31.24 Poorly consolidated haematitic mudstone with 5-10% lithic clasts < 0.60cm.						
31.24 (102.5')	32.49 (106.6')	BRECCIA:- Fractured & altered breccia with silicified Lst. clasts upto 2-3". However unit intensely fractured with haematite alt'n along fractures replacing edges of clasts. Fractures have slickensides of haematite ± calcite - related to shear @ 32.61m.						
32.49 (106.6'	35.97 - 118')	TUFF: Green & fractured more intensely than above but less haematite alt'n. Slickensides are chlorite ± calcite & Talc. Evidence for 1cm displacement of bands (banding @ 45°) by fractures @ 35° to CA (i.e. 80° to banding)						
35.97 (118 -	40.54 133')	TUFF & VOLCANIC SANDSTONE: Green mostly fine grained with pervasive chloritic & talcy green alteration. Locally coarser bands with clasts ≤ 0.1", heterolithic, @ 65° CA.						
40.54 (133' -	42.28 138.7')	CONGLOMERATE: Heterolithic with 20-25% chert clasts (silicified Lst.). Locally intensely silicified.						

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
		eq. 40·84 – 41·07. Lower contact irregular											
		but clear @ 75-90° to CA.											
42·28	44·35	HAEMATITE ZONE Overall 50-60% Haematite	8828	42·28	42·81	0·53			.002	.05	33.72		
(138·7 – 145·5)		locally very massive & banded @ 65° to CA.	8829	42·81	43·74	0·93			.001	.11	29.83		
		42·28 – 42·81 red haematite, 30-40%, as matrix	8830	43·74	44·35	0·61			.002	.08	25.15		
		with clasts of cst frags upto 0·5" (unsilicified)											
		with rare Galena ? (<0·5%)											
		42·81 – 43·74 Massive grey specular haematite,											
		very fine grained, locally magnetic (pyrrh?) 1-2%)											
		Rare blebs of pyrite <0·1%. Matrix filling											
		of 4-5% calcite blebs. Local banding @											
		45-60° to CA.											
		43·74 – 44·35 Haematite breccia with upto 1cm											
		frags of reddish haem. in buffaceous matrix.											
		Banding @ 45-55° to CA. 1-2% fine pyrite											
		No pyrrhotite. Matrix haematitic. Total											
		haematite 20-25%.											
44·35	45·17	Chlorite - Siliceous shear zone.	8831	44·35	45·17	0·82			.004	.11	28.04		
(145·5 –		Intensely chloritized with cherty zones @	8832	45·17	45·55	0·38			.003	.86	24.65		
		44·65 – 44·81 & 44·96 – 45·17. Rest is 80-90% chlorite	8833	45·55	46·55	1·00			·001	.02	·55		
		intensely sheared with chalcopyrite smeared											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
		along slickensides, plus a rare grey metallic sulphide. Shearing @ 20° to CA.											
		44.65 - 44.81 silicified & cherty nature, possibly a wedge faulted in shearing in chert @ 75°.											
		44.81 - 45.17 Manure cherty section as above. Some fracturing @ 20° to CA.											
45.17	60.05	LIMESTONE											
(149.5 - 197.0)													
		45.17 - 55.35 Manure crinoidal Lst. Locally 5cm cherty bands (eg 48.01, 55.35, 56.18') Sharply defined bands @ 60° to CA.	8834	50.43	51.28	0.85			.001	.08	19.49		
		@ 50.43m - 51.28 Green altered Lst with pervasive lime green epidote alt'n, brecciation of Lst, locally chloritization of interstitial matrix. Minor fine disem. pyrite (<1%). Locally banding @ 45-60° to CA.											
		55.35 - 56.7 Lst finer grained, rare crinoids?											
		60.05 END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V- 45 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : -90°

DATE BEGUN : 11/6/87 SHEET No. : 1/4

DATE FINISHED : 13/6/87 LOGGED BY : S.P. Quin

TOTAL DEPTH : 53.95 DATE : 13 JUNE 1987

CORE SIZE : NQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0.0	1.83	Casing											
(0.0	6.0)												
1.83	33.28	Nanaimo Group sedimentary Rocks											
(6.0'	96.67')	Conglomerate. Heterolithic, generally green with moderately rounded to sub angular clasts. Locally sections of haematitic mudstone: often fine grained, few clasts grading into matrix to conglomerate. Represent fine haematized tops to graded depositional events. Haematized sections @ 2.74 - 4.27, 4.88 - 5.49, 5.94 - 6.17, 7.25 - 7.56, 8.06 - 8.16, 8.67 - 8.77, 9.78 - 10.06, 10.7 - 10.85, 11.79 - 11.97											
		@ 13.79 - 14.97 Single graded depositional event with selective haematization of certain clasts (cf 87-V-44 21.87 - 26.52)											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %		
		@ 14.97 - 17.07 Conglomerate with rare haematite partings in matrix + minor alteration of selected clasts.											
		@ 21.84 - 22.23 Unconsolidated haematite mudstone band (cf hole 87-V-44 @ 29.16 - 31.24)									-		
		@ 24.89 - 29.46 Rare haematite alt'n of matrix + selected clasts, possibly related to fractures.									-		
29.46 (96.67	33.28 109.28)	SANDSTONE - upper section highly altered + sheared. Heterolithic clasts <0.1 cm, rarely upto 3cm cherty clasts, rounded. Banding @ 50° to CA. Pervasive chlorite alt'n giving green colour.											
		29.46 - 29.87 Intensely silicified cherty section											
		29.87 - 30.14 Shear zone or highly altered mudstone, sericitic alteration.											
		30.14 - 33.28 Pervasive irregular chlorite alt'n of matrix.											
33.28 (109.28	37.46 122.9)	CONGLOMERATE: heterolithic but with preponderance of angular cherty clasts (relict crinoidal cst?) upto 3cm.											
		36.54 - 37.46 Matrix pervasively altered to siderite + calcite. Lower contact @ 10° to CA.	8848	36.54	37.46	0.92			.012	.06	9.85		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES	Au OPT	Ag OPT	Fe %
37.46	38.79	CHERT BRECCIA : silicified top of brecciated									
(122.9	-127.25)	LSE with silicified fragments, haematization	8849	37.46	38.10	0.64			.037	.05	22.16
		+ silicification of matrix. Haematite 10-20%,	8850	38.10	38.79	0.69			.001	.02	11.58
		locally upto 60%, generally dusty red with									
		local disseminations of pyrite									
		Zone of brecciation narrows downward to									
		single 1cm vertical silica filled fracture									
		which splays out at top									
38.79	42.29	LIMESTONE	8851	38.79	39.79	1.00			.005	.02	1.92
(127.25	-138.75)	Coarse crystalline massive white to light grey									
		limestone. Generally fractured often with									
		associated alteration including silicification +									
		haematization. Locally clasts completely altered									
		to chert. Fractures mainly @ 10° to CA.									
		Locally intensely fractured to brecciated 41-42m.									
42.29	45.75	CHERT BRECCIA	8852	42.29	43.08	0.79			.007	.21	24.98
(138.75	-150.1)	Possibly intensely silicified LSE, clasts entirely	8853	43.08	43.37	0.29			.014	.20	34.39
		silicified, matrix generally siliceous, locally haem	8855	43.37	44.40	1.03			.001	.21	28.54
		locally some near massive haematite (reddish).	8856	44.40	45.34	0.94			.001	.15	23.68
		Locally minor py + cpy.	8857	45.34	45.75	0.41			.001	.08	13.79
		43.08 - 43.37 nearly massive red haematite.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV	SULPHIDES
		43.37 - 44.40 cherty clasts in pervasively chloritized matrix, locally minor pyrite.						
		44.40 - 44.78 Dominantly siliceous clast, rare haem						
		44.78 - 45.35 chlorite altered cherty breccia, increasing haematite to 45-50% Lower contact @ 40° to CA.						
		45.35 - 45.75 clast dominant cherty breccia with minor interstitial haematite. Lower contact @ 85° to CA. clear & sharp. No shearing or alteration.						
45.75 (150.1')	53.95 (177.0')	LIMESTONE Namiro fine grained limestone, locally minor fracturing with mm. haematite + fine pyrite on fracture planes. Locally brecciated, clasts creamy white compared to light grey Lst. Locally banded @ 60° to CA.						
		53.95 (177.0') END OF HOLE						

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V-46 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP
167'		-73°

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING : WEST (270°)

ELEVATION : DIP : -70°

DATE BEGUN : 13/6/87 SHEET No. : 1 / 3

DATE FINISHED : 15/6/87 LOGGED BY : T. LISLE

TOTAL DEPTH : 53.95m DATE : 14 JUN 1987

CORE SIZE : N'Q

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0.0	1.83	Casing											
(0-60')													
1.83	30.08	Nanaimo Group Sediments											
(60-98'		1.83-30.08m Conglomerate: Generally green matrix											
		supported heterolithic conglomerate with											
		sub angular clasts upto 10cm, generally <6cm.											
		clasts principally green volcanic tuffs, minor chert											
		+ granitic. Locally haematitic mudstone bands											
		with minor clastic input. Represent tops of graded											
		units Bands @ 3.05-3.50, 4.88-5.33, 5.79-5.87,											
		7.52-7.60, 10.44-10.52, 17.46-17.80, 21.31-21.68.											
		Locally haematization of coarse conglomerate matrix											
		(cv @ 9.45-9.75, 10.52-10.87, 16.55-16.89.											
		Banding generally @ 80-90° to ca.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
		@ 23.97 - 26.21 Irregular calcite filled fractures (<1cm width) @ 10° to CA. with localized patches of silicification.											
		@ 28.19 - 30.08 Section of conglomerate with selective haematitic alteration of certain clasts + patches of matrix (cf. holes 87-V-45, 44)											
		Lower contact @ 95.7' @ 70° to CA, weathered + not recovered intact.											
30.08-31.39 (98.7-103.0')		REGOLITH ZONE, weathered + haematized	8858	30.08	31.39	1.31			.001	.01	12.85		
		Lower contact @ 80° to CA.											
		30.08 - 31.00 Haematized Nanaimo conglomerate, upper 12" only partially haematized, rest completely reddish brown sandstone matrix, clasts relatively unaltered.											
		31.00 - 31.39 Fine grained brown sandstone, relatively competent. Banding @ 80° to CA.											
31.39 (103.0'	33.07 108.5')	TUFF + TUFF BRECCIA. Unaltered clast supported green tuff breccia, fragments upto 2cm.	8859	31.39	32.39	1.00			.001	.01	3.76		
			8860	32.39	33.07	0.68			.001	.10	10.81		
		31.62 - 33.07 Green chloritic tuffaceous sandstone. Grain size <0.1cm. Some banding @ 60° to CA. Lower contact indistinct, possibly @ 80° to CA?											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
33.07	34.38	LIMESTONE BRECCIA; Partially silicified. Subangular	8861	33.07	33.77	0.60			.002	.05	7.00
(108.5	112.8')	to rounded limestone clasts in a locally	8862	33.77	34.38	0.61			.005	.15	13.02
		haematitic matrix. Clasts respond to HCl slow									
		slowly & are partially silicified. Selective buff									
		alteration of some clasts - ankerite. <5% haem.									
		overall. 33.92 - 34.15 30% Haem. <0.1% diseem Pyrite.									
34.38	39.04	LIMESTONE: Massive crystalline lst, possibly oncolitic.									
(112.8	128.1')	@34.38 - 34.44 brecciated, with haematite matrix.	8863	34.38	35.38	1.00			.001	.01	.38
		@ 35.20 - 35.81 brecciated, minor interstitial matrix.									
		@ 38.56 - 38.71 Breccia zone with 30% chlorite as									
		matrix. Limestone clasts angular & moderately									
		to intensely silicified. Minor disem. pyrite (<1%)									
39.04	53.95	LIMESTONE: Fine grained with partially silicified									
(128.1	177.0')	bands of white cherty material as compared to									
		light grey lst. Responds slowly to HCl. Silicification									
		locally fracture related but mostly distinct									
		upto 0.3m bands @ 45-50° to CA.									
		48.58 - 48.86 Massive sulphides, 30% coarse Py + Pyrh.	8864	48.58	49.20	0.62			.005	.42	20.18
		Contacts @ 70-80° to CA., banding 30-70°.									
		48.86 - 49.47 Minor fracture related pyrite @ 10° to CA.									
		53.95 END OF HOLE									

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No.: 87-V-47 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : SECTION :

DEPARTURE : BEARING :

ELEVATION : DIP : VERTICAL

DATE BEGUN : 15/6/87 SHEET No. : 1 /3

DATE FINISHED : 15/6/87 LOGGED BY : S.P QUIN

TOTAL DEPTH : 23.47M DATE : 16 JUNE 1987

CORE SIZE : NQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
0.0'	2.13	CASING											
(0.0	7.0')												
2.13	3.35	NANAIMO GROUP SEDIMENTARY ROCKS											
(7.0	11.0)	Conglomerate: Green, heterolithic, dominated by											
		tuffaceous clasts in a poorly sorted sandy matrix.											
		Banding @ 80° to CA.											
3.35	5.33	REGOLITH, <20% recovery											
(11.0	17.5)												
5.33	6.86	TUFF, TUFF BRECCIA, green locally intensely silicified	8866	5.86	6.86	1.00			.001	.01	26.44		
(17.5	22.5')	5.33-6.10 Tuff Breccia, locally silicified, locally	"										
		matrix altered to siderite/ankerite.											
		6.10-6.86 Fine tuff, generally chloritic, locally minor											
		haematite bands (<1cm) @ 45° to CA.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
6.86	14.69	HAEMATITE ZONE											
(22.5	48.2')	Haematite content 30% overall, locally massive	8867	6.86	7.86	1.00			.003	.12	38.82		
		bands of brick red haematite + occasionally	8868	7.86	8.87	1.01			.001	.11	43.21		
		specular haematite bands @ 60-75° to CA.	8869	8.87	9.87	1.00			.001	.02	33.67		
		6.86-8.87 Fairly massive reddish haematite, locally	8870	9.87	10.87	1.00			.039	.07	34.96		
		as matrix to fine breccia (eg. 7.62-8.23). Clasts	8871	10.87	11.87	1.00			.025	.10	33.18		
		are limestone. Minor calcite as interstitial	8872	11.87	13.02	1.15			.017	.14	35.84		
		blebs (<5%) locally weathered out.	8873	13.02	14.01	1.00			.640	.21	36.11		
		8.87-13.02 Haematized tuffaceous sandstone.	8874	14.01	14.69	0.78			.808	1.52	29.21		
		Irregular + highly contorted bands of haematite											
		upto 10cm @ 65° to CA Fine dissem. haem											
		+ clasts throughout. Base of unit sheared											
		+ fragmented											
		13.02-13.66 50% brick red incompetent haematite											
		bands in tuffaceous sandstone.											
		13.66-13.99 Relatively unaltered chloritic tuff											
		Minor sideritic alteration											
		13.99-14.33 40% dark grey + brick red haematite,											
		very fine grained as matrix to tuffaceous breccia.											
		5-10% Calcite as irregular blebs. Banding @ 55°.											
		14.33-14.69 60-70% Massive fine grained, dense haem.											
		Locally appears brecciated. Numerous fine carbonate											
		filled fractures @ 35-40° to CA + as blebs. Lower											
		contact sharp @ 80° to CA.											

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au opt	Ag opt	Fe %		
14.69	15.70	LIMESTONE BRECCIA: locally intensely	8875	14.69	15.69	1.00			.007	.38	5.92		
(48.2	51.5)	silicified angular to subangular clasts											
		upto 5cm in locally chloritic matrix.											
		clasts generally pervasively silicified to chert,											
		locally still carbonate.											
15.70	23.47	LIMESTONE - variably banded fine grained limestone.											
(51.5	77.0)	locally banding @ 60° to cc with 2-5cm chloritic											
		bands. Limestone locally moderately brecciated											
		with interstitial chlorite ± siderite. Where brecciating											
		is more intense, silicification is pervasive over											
		30-40cm lengths.											
		23.47 END OF HOLE											

CANAMIN RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY : VILLALTA HOLE No. : 87-V- 48 CLAIM : VILLALTA D

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : _____ SECTION : _____

DEPARTURE : _____ BEARING : EAST (090°)

ELEVATION : _____ DIP : -50°

DATE BEGUN : 16/6/87 SHEET No : 1/3

DATE FINISHED : /87 LOGGED BY : S.P. Quin

TOTAL DEPTH : 43.68 DATE : 17/6/1987

CORE SIZE : NQ

(Feet in Brackets) .....METRES.....CORE

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %		
00	2.13	CASING											
(0.0	7.0')												
2.13	4.05	TUFF, TUFF BRECCIA, weathered light green.					60%						
(7.0	13.3')	Pervasive white alteration - barite (?) Minor	8876	2.74	3.35	0.61			.023	.24	35.24		
		disseminated pyrite (1-2%) + minor galena veinlets	8877	3.35	4.05	0.70			.009	.17	31.30		
		Lower contact @ 80° to CA.											
4.05	12.89	HAEMATITE ZONE Massive brecciated haematite	8878	4.05	5.05	1.00			.002	.14	34.64		
(13.3	42.3')	& haematite breccia. Overall 50% Haematite	8879	5.05	6.05	1.00			.009	.14	35.75		
		4.05 - 7.62 Pitted & weathered, baleine intact.	8880	6.05	7.05	1.00			.028	.22	31.74		
		Minor bands of haematite free green tuff @ 4.85 - 5.18	8881	7.05	8.05	1.00			.005	.21	34.75		
		+ 5.67 - 6.16 with blotchy white altn as 2.13 - 4.05.	8882	8.05	9.05	1.00			.001	.25	35.95		
		Angular fragments of haematite upto 5cm in a fine	8883	9.05	10.05	1.00			.005	.08	38.78		
		diffuseous sst. matrix. Matrix ≤20% overall, Locally upto 50%. Minor rounded cherty clasts, especially	8884	10.05	11.05	1.00			.020	.41	38.18		

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
		Lower 0.6m. Possible banding @ 45° to CA.	8885	11.05	12.05	1.00			.192	.57	36.72
			8886	12.05	12.89	0.84			.292	.94	24.04
12.89 (42.3'	16.46 54.0')	CHERT BRECCIA. Clast supported breccia of angular cherty clasts.									
		12.89 - 13.32 weathered breccia, clasts (<2cm) less cherty but not carbonate. Matrix fine dissem haematite + white carbonate alteration noted at surface. Minor haematite clasts. Silicification increases with depth. Some evidence for banding @ 30° to CA. Fine disseminated sulphides throughout, 1-2% Pyrite ± <0.1% Galena.	8887	12.89	13.32	0.43			.198	1.49	22.32
			8888	13.32	14.32	1.00			.009	.14	9.75
			8889	14.32	15.64	1.32			.008	.16	6.13
			8890	15.64	16.46	0.81			.002	.11	5.41
		15.64 - 16.46 Less intensely silicified. Some clasts respond to HCl. 3-5% disseminated sulphides 2-3% pyrite, minor Galena + possible minor bornite.									
16.46 (54.0'	43.68 143.3')	LIMESTONE: Crinoidal, massive light grey Lst., locally well preserved crinoids especially in partially silicified sections + below 30.5m.	8891	16.46	17.46	1.00			.001	.02	.60
			8892	17.46	18.46	1.00			.001	.02	.68
			8893	18.46	19.46	1.00			.003	.03	.86
		16.46 - 18.90 Lst. fractured with minor associated pyrite (1-2%) + limonitic staining. Partial silicification related to fracturing + in bands upto 30cm @ 45° to CA 16.25m (1cm), 28.96 - 29.14 21.47 - 21.87, 30.24 (3cm), 30.75 - 30.88 etc.									

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Au OPT	Ag OPT	Fe %
		25.72–26.52 Solution cavity (25.66–25.72) translucent calcite with lower edge water worn. 26.52–26.61 Solution cavities in Lst with siderite crystals in cavities.									
		37.19–39.93 Crinoidal Lst, fractured & partially silicified with very clear crinoidal fragments. Fractures have associated sulphides: 1–2% Pyrite, <1% Galena. Sulphides decrease below ~~13~~ 39.01 to <1%	8894	37.19	38.19	1.00			.001	.05	.34
			8895	38.19	39.19	1.00			.001	.19	.64
		43.68 END OF HOLE Hole stopped due to excessive vibration, no circulation & broken ground.									

I, Stephen Paul Quin, of #207 - 1455 Robson Street, Vancouver, British Columbia, do certify that:

I am a geologist with Southern Gold Resources Ltd. and have practised my profession for the past 6 years.

I am a member in good standing of the Canadian Institute of Mining and Metallurgy.

I supervised the drill program described in this report on the Villalta Property, Nanaimo Mining Division, between
10 June and 18 June, 1987.

I prepared the drill logs of drill holes 87-V-44 to 87-V-48 that accompany this report.

I am a director and shareholder of Southern Gold Resources Ltd.
Which owns approximatly 25% of the issued capital of CanaMin Resources Ltd. and that I am a director and shareholder of CanaMin Resources Ltd.

Dated this 25 day of June 1987

Stephen P. Quin B.S.C.

T.E. LISLE & ASSOCIATES LTD.

GEOLOGICAL SERVICES

145 West Rockland Road, North Vancouver, B.C. V7N 2V8 Telephone 604-987-0821

I, Thomas, E. Lisle, of the above address in the District of North Vancouver, British Columbia, Canada do hereby declare:

1) That I am a geologist with business at the above address.

2) That I am a member in good standing of the Geological Association of Canada, and the Association of Professional Engineers of British Columbia.

3) That I supervised the drilling program described in this report on the Villalta Mining Property, Nanaimo Mining Division, between May 3 and June 10, 1987.

4) That I prepared the drill logs of drill holes 87-V-1 to 87-V-43 that accompany this report

5) That I have no interest in the property described in this report, or in the securities of Canamin Resources Limited or related companies.

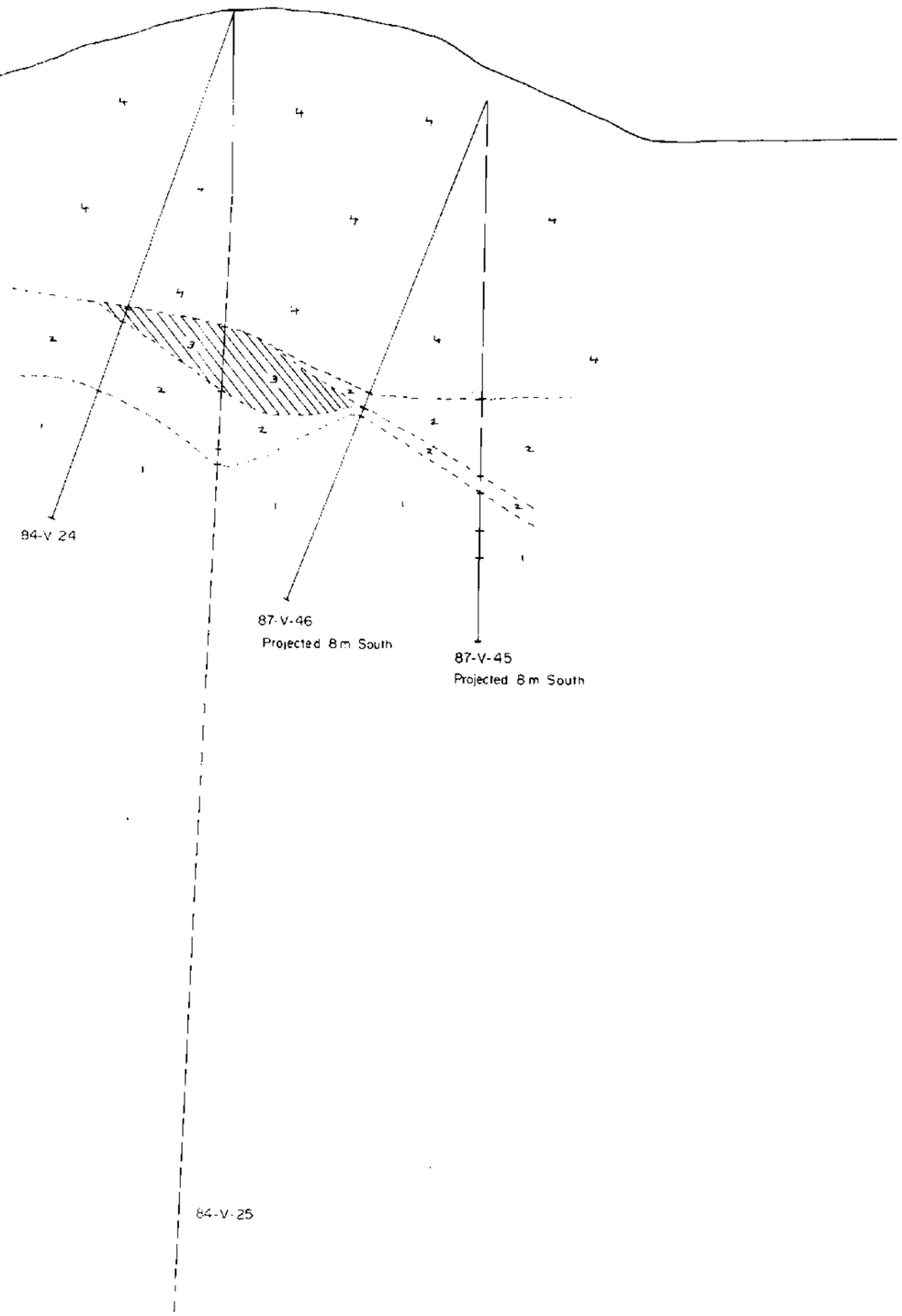
Dated this day of June, 1987.

T.E.LIsle, P.Eng.

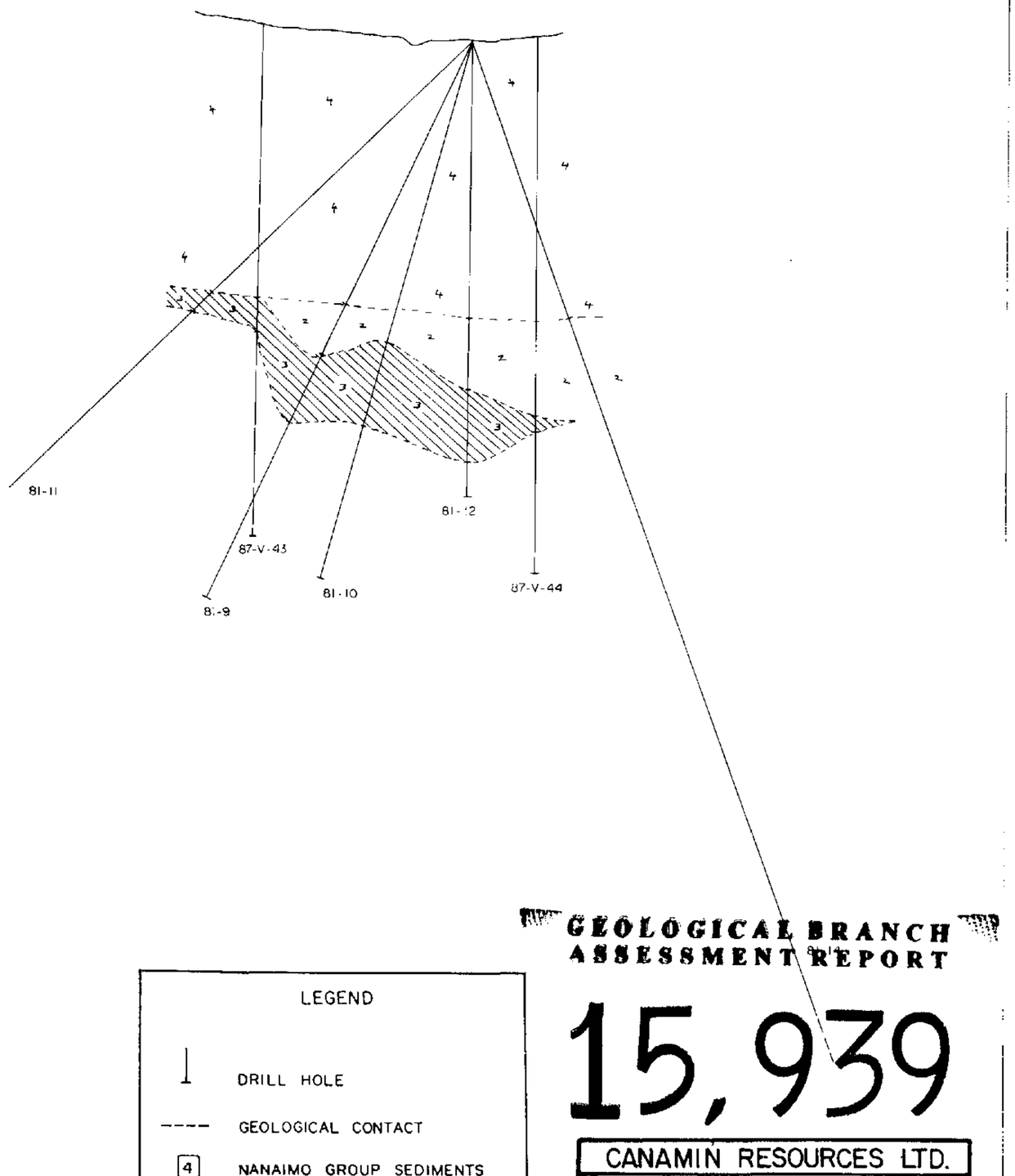
L-L'

W

E



M-M'



LEGEND

- DRILL HOLE
- GEOLOGICAL CONTACT
- [4] NANAIMO GROUP SEDIMENTS
- [3] HAEMATITE ZONE
- [2] TUFFS & BRECCIAS
- [1] BUTTLE LAKE LIMESTONE

CANAMIN RESOURCES LTD.

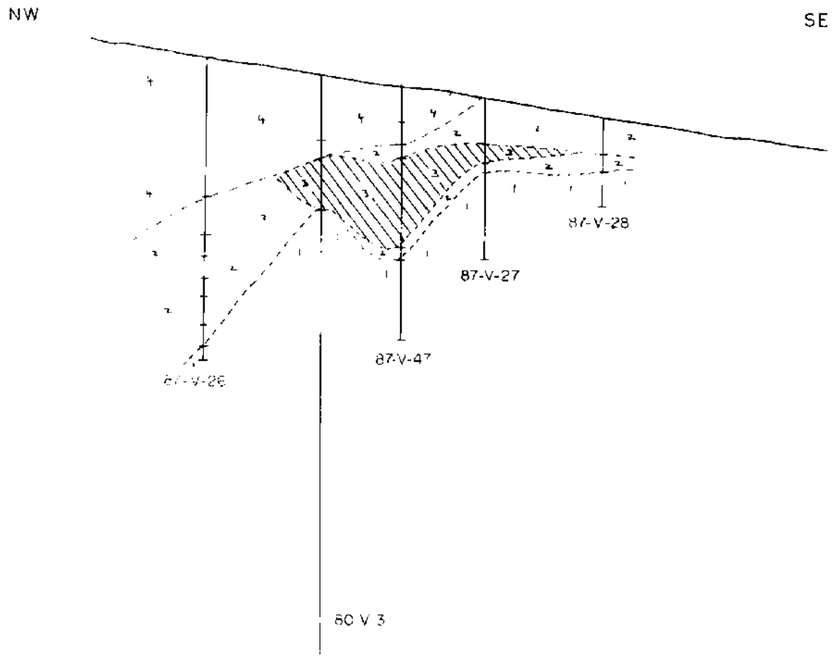
VILLALTA PROJECT

CROSS SECTIONS

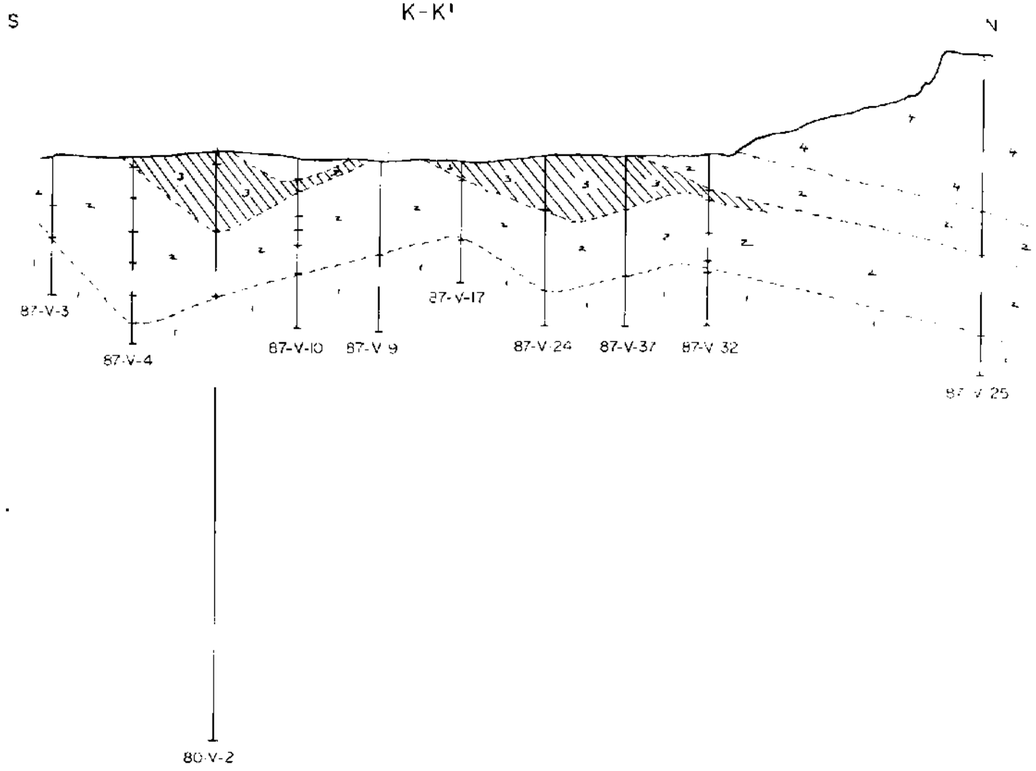
L-L' , M-M'

GEOLOGIST: S.P.QUIN/T.LISLE	BASED ON SURVEY 1987	
SCALE: 1:500		0 5 10 20
DRAWN BY: D.R	DATE: JUNE 1987	FIGURE: 6

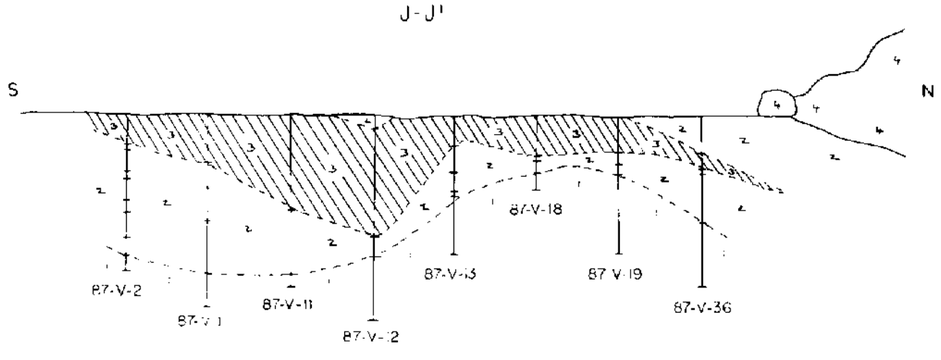
I - I'



K - K'



J - J'



LEGEND

- DRILL HOLE
- GEOLOGICAL CONTACT
- [4] NANAIMO GROUP SEDIMENTS
- [3] HAEMATITE ZONE
- [2] TUFFS & BRECCIAS
- [1] BUTTLE LAKE LIMESTONE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,939

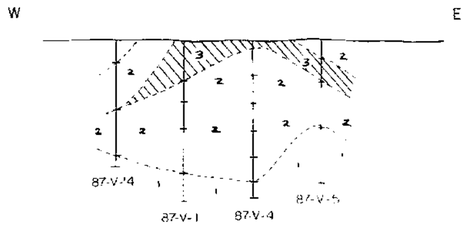
CANAMIN RESOURCES LTD.

VILLALTA PROJECT

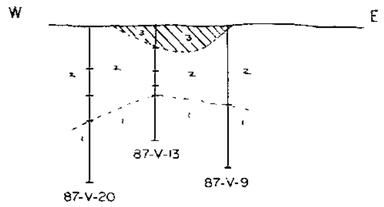
CROSS SECTIONS
I-I' to K-K'

GEOLOGIST: S.P QUIN/T.LISLE	BASED ON: SURVEY 1987
SCALE: 1:500	0 5 10 20
DRAWN BY: D.R	DATE: JUNE 1987 FIGURE: 5

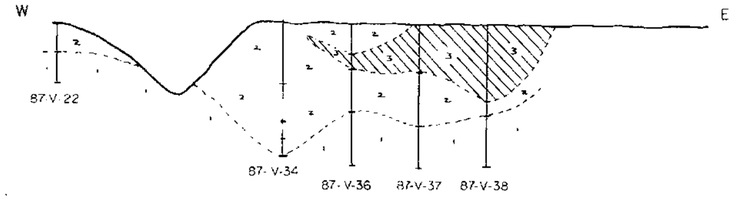
A - A'



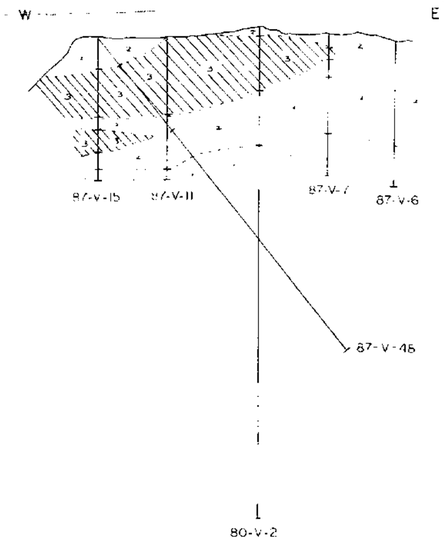
D - D'



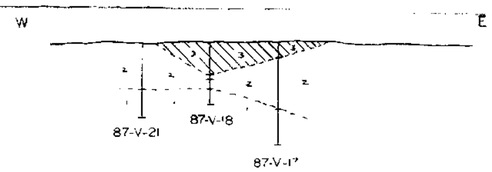
G - G'



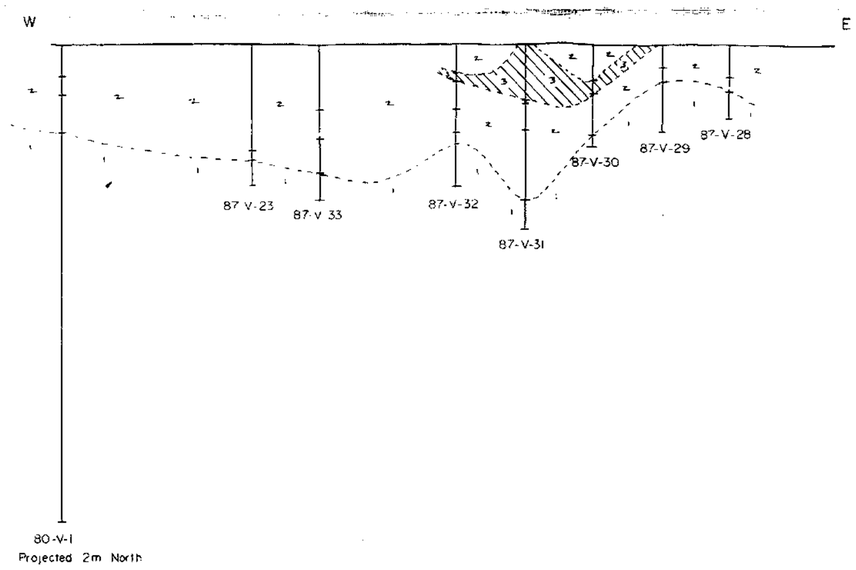
B - B'



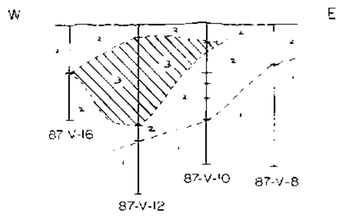
E - E'



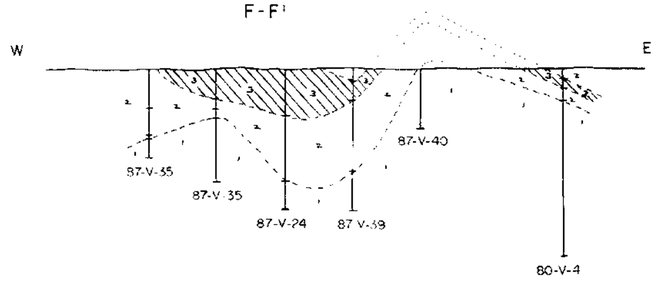
H - H'



C - C'



F - F'



LEGEND

- DRILL HOLE
- GEOLOGICAL CONTACT
- [4] NANAIMO GROUP SEDIMENTS
- [3] HAEMATITE ZONE
- [2] TUFFS & BRECCIAS
- [1] BUTTLE LAKE LIMESTONE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,939

CANAMIN RESOURCES LTD.

VILLALTA PROJECT

CROSS SECTIONS

A-A' to H-H'

GEOLOGIST: S.P. QUIN/T. LISLE	BASED ON: SURVEY 1987	
SCALE: 1:500	0 5 10 20	
DRAWN BY: DR	DATE: JUNE 1987	FIGURE: 4

N

81V21
81V15
87V41/42
80V6
81V3?
81V4?
81V1?
81V9-14
87V44
81V5?
81V7
87V43
87V45/46
81V6
80V5
87V26
87V25
80V3
87V47
87V27
87V33
87V31
87V30
87V29
87V28
80V1?
87V32
87V36
87V37
87V38
87V22
79V1
87V40
87V35
87V19
87V24
87V39
86V4
87V21
87V18
87V17
80V4
87V20
87V13
87V9
86V1
86V3
87V16
87V12
87V10
87V8
86V8
86V7
86V9
87V15
87V11
87V7
87V6
80V2
87V14
86V6
86V5
87V4
87V1
87V5
87V2
87V3

LEGEND

- DRILL HOLE COLLAR
- ROADS
- AREAS OF OUTCROP
- STREAMS
- [4] NANAIMO GROUP SEDIMENTS
- [3] HAEMATITE ZONE
- [2] TUFFS & CHERTY BRECCIAS
- [1] BUTTLE LAKE LIMESTONE
- GEOLOGICAL CONTACT

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,939

CANAMIN RESOURCES LTD.	
VILLALTA PROJECT	
DRILL HOLE PLAN SURVEYED AND GEOLOGY	
GEOLOGIST: S.P QUIN/T. LISLE	BASED ON: SURVEY 1987
SCALE: 1:500	0 5 10 20
DRAWN BY: C.R	DATE: JUNE 1987 FIGURE: 3