DIAMOND DRILLING REPORT

ON THE

WAR EAGLE MINERAL CLAIM

VANCOUVER MINING DIVISION

49°39' N., 123°02' W.
N.T.S. 92 G 11 E

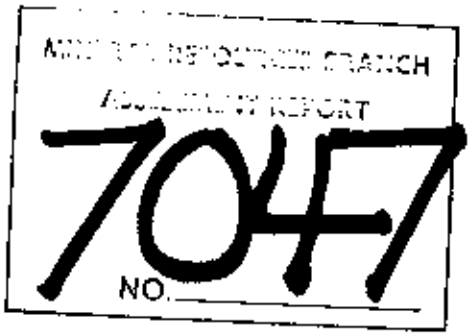
Owned by: Maggie Mines Limited (N.P.L.)

Operated by: Placer Development Limited

By: A. D. Clendenan P.Geol. (Alta.)

Supervised by: D. A. Howard, M.Sc., P.Eng. (B.C.)

December, 1978



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Appendix

Diamond Drill Logs

Maps (in pocket)

STATEMENT OF EXPENDITURES

The following are the expenditures incurred for diamond drilling on the War Eagle mineral claim from 12 September to 3 November, 1978:

Drilling

(1)	Access & site preparation - D8 @ $78.00/hr. Forsythe Equipment Ltd. (12 Sept. to 15 Sept. 1978)	-	$2,000
(2)	Tractor for moving drill, Case 750 @ $31.00/hr. Faro City Const. Ltd.	-	992
(3)	2950' BQWL by Canadian Longyear Ltd.	-	54,276
(4)	Drillers' board & room - 4 men for 29 days @ $25/man/day (6 Oct. to 4 Nov. 1978)	-	2,900

Supervision

	30 days @ $150/day (includes board & room) (5 Oct. to 4 Nov. 1978)	-	4,500
			$ 64,668

INTRODUCTION

This report covers a diamond drilling program on the War Eagle mineral claim which is located in the Vancouver Mining Division at the headwaters of the Indian River approximately 10 kilometers southeast of Squamish, B. C. and 40 kilometers north of Vancouver. The area is accessible by a logging road from Squamish which follows up the Stawamus River and into the Indian River watershed.

The War Eagle claim consists of 9 units and is owned by Maggie Mines Limited. It is presently held under option by Placer Development Limited. The claim was located in 1976 following prospecting which found copper, lead and zinc mineralization in place. A short tunnel was driven at that time to further explore the find.

The present diamond drilling program, consisting of 900 meters of BQWL drilling in 7 holes, was aimed at finding similar mineralization in commercial quantities.

The diamond drill core is stored at the Placer Development Limited Research Laboratory in Vancouver where it is presently being split and geochemically analyzed.

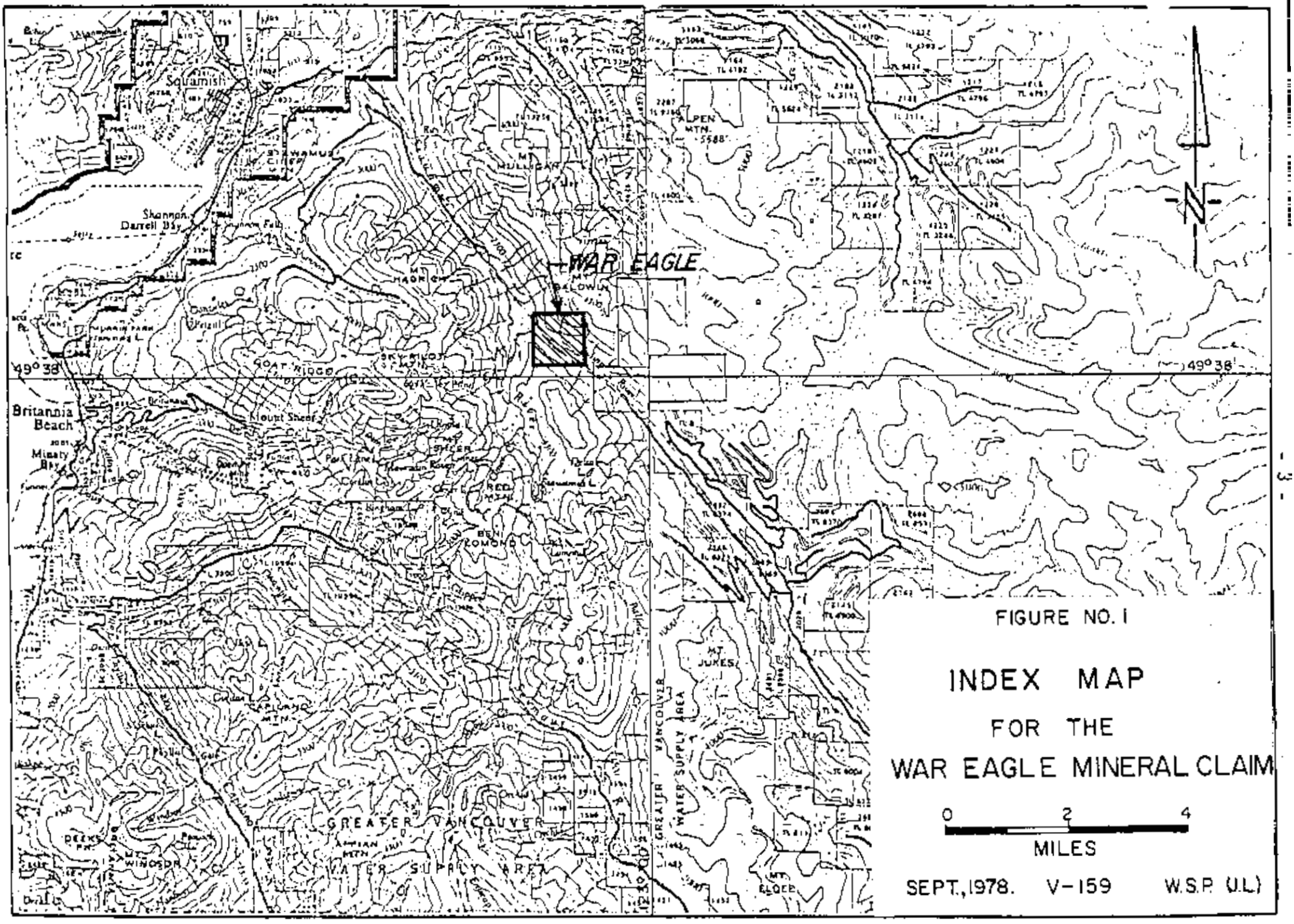

FIGURE NO. 1

INDEX MAP

FOR THE

WAR EAGLE MINERAL CLAIM

SEPT., 1978. V-159 W.S.P. (U.L.)

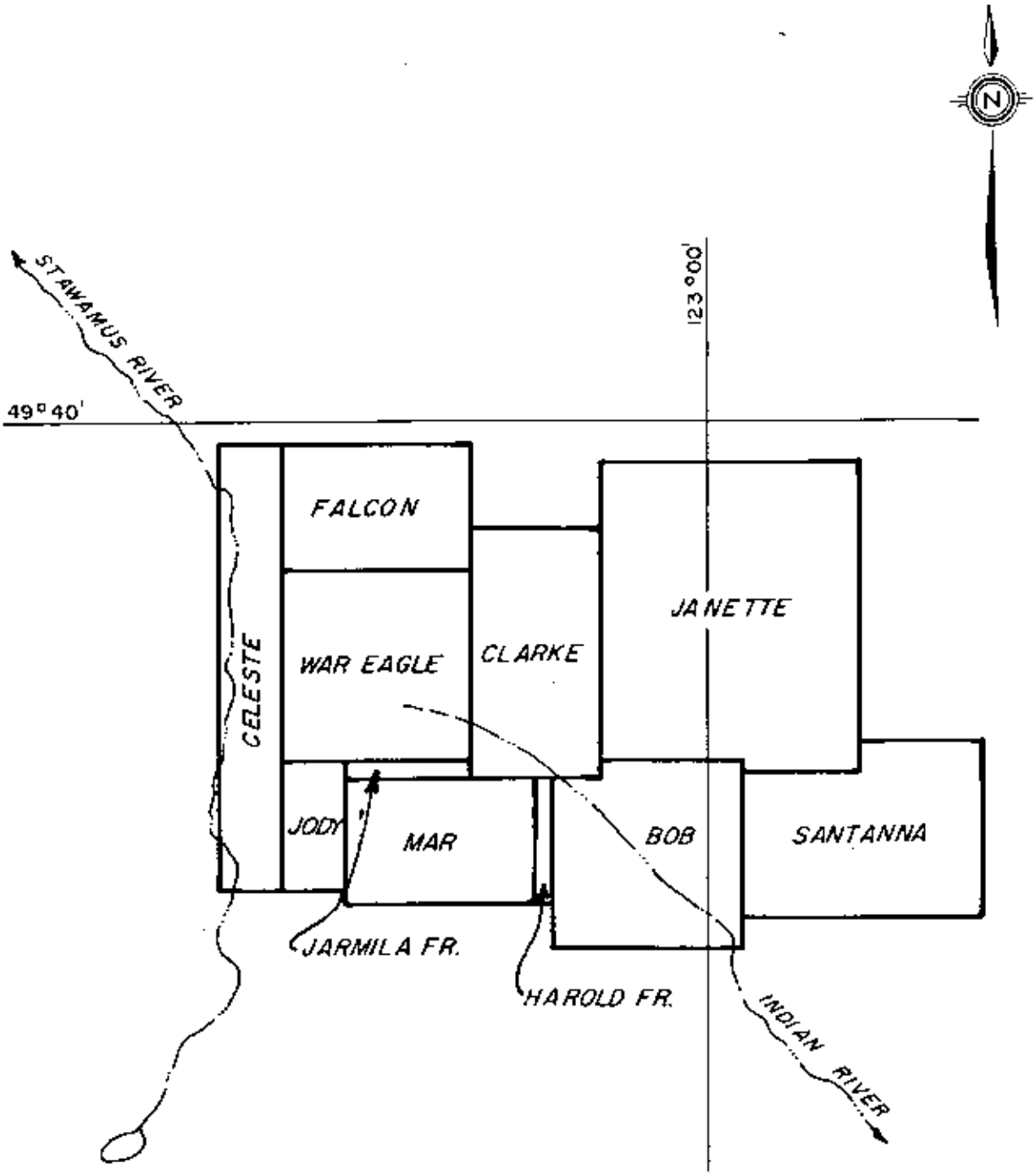

FIGURE NO. 2

PLACER DEVELOPMENT LIMITED

MAGGIE MINES LIMITED

VANCOUVER MINING DIVISION

CLAIMS MAP

0 500 1000 2000 3000

METRES

NOV., 1978. V-159 W.P. (J.L.)

GEOLOGY AND DRILLING

The 1978 diamond drilling program was carried out in the central portion of the War Eagle Claim. (See location maps figures 1, 2 and 3).

The claim is underlain to the northeast by granitic to quartz dioritic phase rocks which intruded volcanoclastic sediments predominantly of rhyolitic composition, volcanic black shales, rhyolite tuffs and rhyolite flows. The volcanic rocks on the claim strike northwesterly and dip moderately to steeply to the southwest with the exception of a vent zone which appears to strike west and dip to the northeast at 45^{o}.

The volcanoclastic sequence of rocks appears from surface mapping to be overlain to the northeast by rhyolite tuffs and rhyolite flows which contain 1% to 10% sub angular to sub rounded 2 mm quartz grains in an aphanitic pale green matrix which is probably feldspar with a slight chloritic alteration.

The granitic-volcanic contact was observed 500 meters northeast of the portal where it exhibits a steeply dipping irregular (in plan view) cross-cutting relationship with the now overlying rhyolites.

It should be noted that the correlation between drill holes is generalized or idealized and that the units are probably discontinuous and show some degree of lateral variation. (See cross-sections figures 4, 5, 6 and 7).

The volcanoclastic sequence of rocks encountered in drilling represent a stratigraphic thickness of greater than 300 meters which appear to span 14 cycles of deposition. One complete

idealized deposition cycle would encompass the following units:

1. agglomerate (volcanic lapilli-bomb breccia according to Moorhouse) containing 10-30% 1-4 cm acid volcanic, quartz and lithic angular to sub-angular clasts in a tuffaceous rhyolitic fine grained matrix.

2. micro agglomerate (volcanic ash-lapilli breccia according to Moorhouse) containing 10-40% 1-3 mm and 0 to 10% 3-5 mm acid volcanic, quartz and lithic, angular to sub-rounded clasts in a tuffaceous rhyolitic fine grained matrix.

3. tuffaceous rhyolitic sediment or volcanic greywacke (rhyolite ash tuff according to Moorhouse) containing 0-10% 1-2 mm sub-angular to sub-rounded quartz and minor feldspar in a fine grained matrix.

4. black siliceous argillaceous mudstone which probably represents high carbon ash beds.

The deposition cycle from agglomerate to mudstone is rarely complete as a result of gradational changes in lithology, proximity to the vent or selective erosion. There are also units with lithologic characteristics of more than one of the idealized units.

Low grade mineralization was encountered in drill holes 1, 2 and 3. The results of the available geochemical analyses are listed in the appended diamond drill logs.

The better mineralized intercepts in hole No. 1 are as follows:

Feet	% Lead	% Zinc	% Copper	gm Gold	gm Silver
304-309	0.16	0.5	0.24	0.10	10
375-380	0.06	0.73	0.08	0.02-	4
380-385	0.20	0.97	0.08	0.06	7
385-395	0.25	0.91	0.15	0.04	6
395-400	0.08	0.11	0.13	0.10	14
375-400 (avge.)	0.16	0.72	0.11	0.05	7.4

The better mineralized intercepts in hole No. 2 are as follows:

Feet	% Lead	% Zinc	% Copper	gm Gold	gm Silver
24-34	0.008	0.02	0.01	0.02-	1.47
34-40	0.10	0.79	0.08	0.05-	5.0
40-50	0.01	0.11	0.01	0.02-	0.72

The better mineralized intercepts in hole No. 3 are as follows:

Feet	% Lead	% Zinc	% Copper	gm Gold	gm Silver
20-26	0.005	0.05	0.01	0.02-	1.07
26-30	0.02	0.50	0.06	0.02-	2.80
30-40	0.03	0.07	0.005	0.02-	1.35

Analyses of the core from drill holes 1 to 4 are being carried out at this time and drill holes 5 and 6 are being split.

Respectfully submitted,

A. D. Clendenan, P.Geol. (Alta.)

LOCATIONS OF 1978 DIAMOND DRILL HOLES ON MAGGIE MINES LIMITED PROPERTY
NEAR SQUAMISH, B. C.

Drill Hole	Latitude	Departure	Elevation	Dip	Length Meters	Bearing
DDH1	5 498 899N	497 353E	825 meters	-35° -20°	at collar est. 154 end	045°
DDH2	5 498 785.5N	497 447E	805 meters	-45° -14°	at collar 114.3 116.4 end	045° 045°
DDH3	5 498 750N	497 446.5E	805 meters	-70° -52°	at collar 90.8 93.3 end	045° 051°
DDH4	5 498 701N	497 389E	798 meters	-55° -44° -38°	at collar 76.2 152.4 154 end	045° 052° 055°
DDH5	5 499 064N	497 227E	802 meters	-45° -30° -27°	at collar 121.9 243.8 264 end	045° 043° -
DDH6	5 498 756N	497 656E	818 meters	-45° -36°	at collar 103.6 105 end	045° -
DDH7	5 498 571N	497 497E	820 meters	-45°	at collar 12.4 end	045°

STATEMENT OF QUALIFICATIONS

I, A. D. Clendenan, with a business address at 800-1030 West Georgia Street, Vancouver, British Columbia, V6E 3A8, DO HEREBY CERTIFY THAT:

1. I am a Professional Geologist registered in the Province of Alberta;

2. I am a graduate of the University of Alberta, Edmonton, Alberta with a B.Sc. (Geology) in 1973;

3. I have engaged in mineral exploration since graduation;

4. I personally carried out or supervised the work and have assessed the results of the work.

Respectfully submitted,

A. D. Clendenan, P.Geol. (Alta.)

DATED this 14th day of December, 1978

Vancouver, British Columbia

CERTIFICATION

I, D. A. Howard, with a business address at 800 - 1030 West Georgia Street, Vancouver, British Columbia, DO HEREBY CERTIFY THAT:

1. I am a Professional Engineer registered in the Province of British Columbia;

2. I have examined the report by A. D. Clendenan on work done in 1978 on the War Eagle claim, 49° 39'N 123° 02'W, Vancouver Mining Division;

3. To the best of my knowledge the acquisition of the data and expenditure claimed for the performance of work is correct.

Respectfully submitted,

D. A. Howard, M.Sc., P.Eng.

DATED this 15th day of November, 1978,
Vancouver, British Columbia

Appendix

CANEX PLACER LIMITED

N.T.S. MAP GRID: 94 G 11 E
LOCATION: Stevens/Indian R.
DATE COLLARED: Sat 7 Oct 1978
DATE COMPLETED: Sat 14 Oct 1978

BEARING: 045° T
LENGTH: 505 ft = 154 Meters
DIP: collar -35°; est 20° @ surface

LATITUDE: 5498899 N (Metric)
DEPARTURE: 497853 E (Metric)
ELEVATION: 825 Meters

PROPERTY: V159 Hopkins
CORE SIZE: BQ WL (Mark 12 drill)
SCALE OF LOG: 1 inch = 10 feet

HOLE No.: DDH 1
SHEET No.: 1 of 5
LOGGED BY: H. J. Clendenan
DATE: 7 Oct / 10 Oct 1978

Box (margin)	ROCK TYPE AND TEXTURES	Carbon (3)	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG: Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	SAMPLE No.	Pb ppm G.C.	Zn ppm G.C.	Ag ppm G.C.	Cu ppm G.C.	Pb + Zn	Au ppm G.C.
	Note: lithologic boundaries converted to meters + footages crossed out.			1 / 2 / 3	Rock / Rock / Rock	much / slightly / harder			soft / soft / chl			nail			0-5 feet casing	5 casing									
5	5-~~5.0~~ feet. Volcanic greywacke. Medium grey. CI 25	1		2							10				5 to 15 feet	11	95		56351	4	134	0.17	38		
Box 1	1 mm grain size, generally massive, locally qtz and lithic fragments to 2-3 mm.	1		2	Volcanic grey wacke				55		20		No		Brass rubbings from core tube stabilizer	21	97		56352	4	133	0.15	9		
29.5		1		2							30		No			31	98		56353	9	102	0.43	60		
Box	Bedding @ ~~35~~ 70° 40% to core; clv appears to be about 55-60° but very weak	1		2	CI 25			70	50 / 55 ?		40		No			37	97		56354	3	94	0.23	13		
2	13.7m - 14.6m ~~45-48~~ 3 mm lt (CI15) and dark (CI25) irreg bands; 5° maybe 1 bedd rotated into clv 2 3 flow bands from top of flow	1		2	grey			(5)			50		No		45-48 - Brass from tube	45	98		56355	2-	70	0.42	14		0.02-
62	3 flow bands rotated by clv.	1		2	Medium						60		No			55	99		56356	2	91	1.73	50		

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CANEX PLACER LIMITED

V159 HOLE No.: DDH 2 SHEET No.: 2 of 8

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm Zn/Pb Au G.C. RATIO
~~68'~~ Volc grey wacke 15M-20.7M	1		2	45 / 15						60 – 70		Nil			65	99		56357	3	84	0.24	10		
~~68-81'~~ - Micro agglomerate 20.7M-24.7M sub rnd and sub angular qtz, rhyolite and lithic fragments to 8 mm average 3-4 mm	1		2	Micro agglom 3-4 mm frags			60 to bp	40		80		Nil		bedding not well defined cleavage very weak no apparent preferred orientation of clasts bldg from grn frag bed.	75	99		56358	4	81	0.22	10		
24.7M - 34.1M ~~81-112'~~ - Volcanic grey wacke similar to 5-68' but 15% 1-2 mm qtz-lithic subrnded frags.	1		2	frags				45		90		Nil		Note. ~~5'-112'~~ 1.5M - 34.1M is generally	85	99		56359	4	75	0.15	20		
CI 25, Color - darker medium grey. locally 4-6 mm fragments qtz + lithic,	1		2	grey wacke locally 4-6 frags						100		Nil		Volc greywacke locally with some 1-2 mm & some 4-6 mm frags.	95	99		56360	14	112	0.17	10		0.02-
	1		2	Volcanic frags 1-2 mm				46		110				~~112'-146'~~ 34.1M - 44.5M is agglomerate coarse frags 3-8 cm 44.5M - 56.1M ~~146-184'~~ is	105	97		56361	4	129	0.08	7		
34.1M - 44.5M ~~112-146'~~ Volcanic agglomerate 3-8 cm frags. Clapilli tuff	1		2+	agglomerate						120				Volc greyw. 56.1M-61.1M ~~184-200'~~ is agglom ie 3-5 cm frags.	115	97		56362	12	130	0.09	14		
to Bomb tuff 15% 2-3 mm frags 30% 4-30 mm " 20% 8-10 cm " predominantly rhyolitic	1		2+	Volc agglom 3-8 cm						130				~~200'-216'~~ 61M - 65.8M Volc grey wacke 65.8M - 67.7M ~~216-222'~~ - Qtz frag chloritic breccia zone	123 missing	98 rock!		56363	10	116	12	170		

Box 3

Box 4

Box 5

CANEX PLACER LIMITED

HOLE No.: [illegible] 1 SHEET No.: 3 of [illegible]

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm Zn/Pb Au RATIO G.C.
~~[illegible]~~ Volc aggl 39.1m 40.5m	1		2+	Volc aggl 5-8cm frags (?)						140				67.7m - 73.2m ~~222 - 240 ft~~ Volc greywacke (slightly schistose) 73.2m - 83.4m ~~242 - 272 ft~~	135	98		56364	8	85	0.46	96		
	1		2+	Volc greywacke (?)						150				Volc greywacke to micro aggl. 67.8m - 84.9m ~~222 - 278.5 ft~~ Biotite alt of Volc greywacke	145	99		56365	7	111	0.10	9		0.02-
41.5 - 51.1 m ~~[illegible]~~ Volcanic greywacke																								
	1		2							160				to micro aggl.	155	99		56366	7	104	0.80	31		
	.		2	Volcanic grey wacke (?)						170					165	99		56367	9	199	0.07	13		
	1		2							180					175	99		56368	22	187	0.12	115		
56.1m - 60.96m ~~184 - 200 ft~~ Volcanic aggl with 3-5 cm frags (Lapilli tuff)	1		2	aggl (?)						190					185	99		56369	2	99	0.28	72		
frags 4-32 mm qtz-chlorite alt of Rx (?); frags 2-4 mm [illegible] of Rx Qtz chlorite (?)	1		2	Volc 4-32mm frags (?)				45		200					195	99		56370	2-	94	0.06	6		0.02-

CANEX PLACER LIMITED

Visa

HOLE No.: 2W-1 SHEET No.: 2 of 6

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG (Rock Type Structure / Footage / Mineralization Type (6))	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb ppm G.C	Zn ppm G.C	Ag ppm G.C	Cu ppm G.C	Pb + Zn	~~Zn/Pb~~ Ag RATIO ppm G.C
~~211-216~~ Volcanic 61M-61.6M greywacke	1		2	greywacke					210				205	99		56371	3	120	0.07	6		
65.6M-67.7M ~~216-222~~ Qtz frag chloritic zone breccia	1		2	Vein		Alteration			220				215	99		56372	2	130	0.06	11		
~~222-240 ft~~ Volcanic greywacke 67.7M-73.2M slightly schistose	1		2	greywacke schistose					230				225	99		56373						
	1		2	Volcanic greywacke slightly					240			Biotite	235	99		56374	4	500	0.15	185		0.02
73.2M-82.3M ~~240-270 ft~~ Volcanic greywacke to Micro agglomerate			2					60	250				243	75		56375						
	1		2	greywacke Micro agglom.				X	260				253	99		56376						
	1		2	Volcanic Micro					270				263	99		56377	40	1700	0.45	92		0.02

Left margin: Box 9; 220; Box 10; 245; Box 11; 265'

CANEX PLACER LIMITED

Visy   **HOLE No.:** DDH 1   **SHEET No.:** 5 of 6

Margin	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Graphic Log Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb ppm G.C	Zn ppm G.C	Ag G.C	Cu ppm G.C.	Pb + Zn	Zn/Pb Au ppm RATIO
	62.9M – 84.9M ~~272–278 ft~~ Biotite alteration of Volcanic greywacke to micro aggl. contact ~~278.5' to 292'~~ Med grey granular 84.9M Foliated Volc. sed	2 ~~1~~		2'	[illegible]		20° 30°		Fol 40		280		disseminated		84.9M – 278.5–292' Surface micro agglom?	274	95		~~270~~ 56378 ~~278.5~~ 56379	40	187	0.40	44		0.02-
Box 12	87M – 89.5M	1		2'	sulphide						290		pyrrhotite 1% pyrite 1% chalcopyrite <.5% sphalerite <1% also blebs to 3mm		bleached zone 84.9M – 126.3M 278.5' to 414.5 ft contains sulphides but also sulphides above & below.	284	97		283.5 ~~284~~ 56326 ~~289~~	50	220	7	140		0.02-
292	~~290–292 ft~~ Contact zone 89.5M – 92.7M ~~292–304 ft~~ Rhyolite or Dacite tuff contains 10% 1mm sulfide blebs May be flows, aphanitic light grey, CI 10	1		2'	55	30° 60 55°		55' 80?	Fol		300		293.5–304, 1mm blebs qtz 2&3mm blebs, micro fractures of pyrrh, pyr, chalco, sphal (rare)	Total 6%		294	97 99		56327 ~~294~~ 56328 ~~299~~	860 310 ~~440~~	230 2?0	6 0.38	450 140 ~~2?0~~		0.02- 0.02-
Box 13	92.7M – 95.6M ~~304–313 ft~~ Rhyolite Tuff Very fine grained, light grey, CI 15 (Andesite?)	1		2'		51°		80? fol ?	50 Fol		310		304–313.5 qtz veinlets & blebs pyrrhotite 1% dissem sphal 2 pyrite .5 chalco .5% 302.5 to 302.7 Qtz 20% sulphides 10%.		304 to 313.5 More granular & sedimentary in appearance than 293.5 to 304	304	99		56329 ~~304~~ 56330 ~~309~~	200 ~~[illegible]~~ .16% 1580	220 .50% 5000	18 10	620 ~~[illegible]~~ .24% 2430		0.18 0.10
315	95.6M – 100.4M ~~313.5–329.5 ft~~ Rhyolite tuff fine grained; 2mm dark dissem bands with sulfides @30°–50° 1 band/cm.	1		2	To	30 x 30		80 fol 80	fol 50 50 30°		320		313.5–329.5 (4%) 2mm dissem blebs with pyr, pyrrh, chalc minor galena also dissem pyr, pyrrh, chalco, 2%	Sulfides 5-8% 2%	326 / 326.5 / 328.5 } 2cm qtz veinlets continuous with pyr, pyr, chalc blebs 2 bands/cm	314	99		56331 ~~314~~ 56380	290	1000 990	3	940		0.02-
Box 14	Color Index CI = 15 color 100.4M – 103M	1		2	Rhyolite				✓ 30 50		330		as above	5-8% as above	↓ 99.4M 99.5M 100.1M	324	92		~~324~~ 56381 ~~329.5~~	22	95	0.42	31		0.05
339	~~329.5–338~~ Brown Biotite alteration of Tuffaceous Sediments, May be rexcal Rhy Tuff, grain size ≤ 3mm. Qtz Stock work 8% of Rock ~~338–344 ft~~ Weaker Biotite alt.	1		2	Biotite	Qtz 60 x 60 Qtz	T		60		340		refgol fault? 333–333.5 Qtz biotite alt 30% Chalc to sph 15 pyr pyrrh 5% dissem sulphides 2%	2% sulphide	Clv 60 // 4⊥60° Vein CI 25 Color Lt Brn-Red	335			56382 335 56383 340	62	0.62%	0.88	1120		0.02-

CANEX PLACER LIMITED V159

HOLE No.: V159 SHEET No.: 4 of 8

Margin	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Footage	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	SAMPLE No.	PPM Pb G.C.	PPM Zn G.C.	PPM Ag G.C.	PPM Cu G.C.	Pb + Zn	PPM Au
	103M-104 9M ~~338-344 ft~~ Weak biotite alteration of rexted tuffaceous rhyolite cal. Color lt brown grey, CI 20-25 Some green chlorite. ~~344-355.5 ft~~ agglomerate, clasts 5×30 cm which show grading/foliation into clay.	1		2	Biotite	—			60 15 45	340–350	339-340 - 40% Qtz stockwork zone minor sulfides 341.5 4cm qtz vn chlorite & trace sulphide; dissem sulph 344 ...	3% sulphide	343-344 - Biotite alteration as 329.5-338.	345 351	95 99		56384 345 56385	18 75	157 290	0.40 1.26	57 46		0.02 0.02
BOX 15	Matrix looks like rhyolite or rhyolite ... 126.2 ft ~~355.5 to 444 ft~~ Tuffaceous sediment, Rhyolitic, ... grain	1		2	sulphide	65			35	350–360	355.5 5% pyrr minor pyrite and cal. rotated in clay.	6% sulphide <1%	economic Pb, Zn, Cu	355	98		↓ 355 56386	↓ 240	↓ 1700	↓ 0.62	↓ 330		0.16
363	size Color light grey CI 10-15, locally bleached to CI 10 near veins. Probably called a Volcanic greywacke on surface	1		2	with	70	Broken		70	360–370	dissem pyr, pyrr, sphal, chalc } ±1%	<1%	"Rhyolite or breccia" by Sorophin economic 112 1M 117M ~~368 to 384~~ May Be rehealed	365	99		↓ 365 56387	↓ 37	↓ 192	↓ 0.24	↓ 30		↓ 0.02
BOX 16	chloritic alteration	1		2		70	Broken Broken		70	370–380	↓ (Qcr→) 378, 8" Qtz rehal sphal 8% chalc 2% pyr pyrr 2%	8% Barren 3% economic	fault zone high qtz + sulphide	375	97	114.3M	↓ 375 56332 380	↓ 630	↓ 0.73% 7300	↓ 4	↓ 840		↓ 0.02
386	Many qtz rehealed and sulfide areas ~~[illegible]~~ + ~~383-384~~ 115.2M - 115.8M 116.2M - 117M	1		2		70	Broken	1	60	380–390	380 8cm fault rehealed sphal 3% chalc 2% 383-389 irreg sphal 3% chalc 1% qtz	4% 2%	economic economic	385	98		56333 385 56334	.20% 2060 .25% 2500	0.97% 9700 0.91% 9100	7 6	750 1510		0.06 0.04
BOX	Note 1-2 cm clasts	1		2	Rhyolite	40		80 1 80	50	390–400	discontinuous beds/bands 1/2 cm with trace sulphide locally 393', 396', 398'. 3cm irreg veins sphal 2-4% chalc 1% pyrr 1%	2% 2%	economic economic	395	99	121.9M	395 56335 400	780	~~1440~~ 1120	14	1330 1350 1340		0.10
17 409		1		2					65	400–410	traces dissem pyrrhotite chalc pyrite sphal (minor)	<1%	economic	405	99		56388 405 56389	90 76	150 120	1.99 0.24	780 33		0.13 0.02

Remarks bracket (380–400): Bee...? thin ... along sulphide

CANEX PLACER LIMITED

V157 **HOLE No.:** ODH-[illegible] **SHEET No.:** 2 of 6

	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb ppm G.C.	Zn ppm G.C.	Ag ppm G.C.	Cu ppm G.C.	Pb + Zn	Zn/Pb Ag RATIO G.C.
B O X 18	~~[illegible]~~ Rhy tuff 84.9M to 126.2M Rhyolitic tuff with sulphides 126.2M - 135M ~~[illegible]~~ - Dark grey black very fine grained siliceous mudstone. Similar to Upper Siliceous	1		2		20			70 Frac ture		410 - 420		Qtz vein 5mm 20° with 2-4mm blebs along vein pyrr sphal, galena chalc. dissem sulphide throughout.	2% sulfides 1-2% sulfides	<1% economic contact over 5cm broken core.	415	99		410 56390 420	52	96	0.29	32		0.02
	Mudstone at Howards Pass. Surface name may be WSP argillite CI 60	2+		2+				70 70			430		dissem sulphide throughout mudstone. locally to 2-5% average 1%			424	90		56391						
434	131.4M - 131.6M 431'-431.8' greywacke clasts 433-433.3' 5mm grains 132M - 132.1M may be firing beds graded bedding? 133.5M - 133.8M 437-438' - clasts 5mm to greywacke clasts dragged into foliation	2+		2+	Black siliceous Mudstone			70			440		mostly pyrrhotite			434.5	95		56392	6	80	0.40	35		0.37
B O X 19	135M - 141.7M ~~443-463'~~ Rhyolite tuff very fine grained may be vfgr sediment	1.5 1		2	65			70	70		450		No		contact gradational over 6" broken core 135M - 147.8 443' to 485'	445	95		56393	26	122	0.27	61		0.02
458		1		2	Rhyolite Tuff			60 70			460		No		+ maybe to 500' is intercalated greywacke and micro agglom.	455	99		56394	2	113	0.16	35		0.02
B O X	141.7M 142.6M ~~463 468~~ - 4mm rounded micro agglom. CI 20 Color med grey	1		2	greywacke			60 70			470		No			465	99		56395	2	97	0.23	61		0.02
20	~~468-474~~ V.f.gr. Volc greywacke 142.6 144.5M Color med gry CI 18-20 144.5M 144.8M ~~474 475~~ as ~~463~~ 468 144.8M - 147.8M ~~475 485~~ as 468-474	1		2	Lapilli [illegible] greywacke			55 ?	55 ?		480		No			475	99.99		56396						

CANEX PLACER LIMITED

Vis 9 **HOLE No.:** [illegible] **SHEET No.:** 8 of 8

ROCK TYPE AND TEXTURES	Carb (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	GRAPHIC LOG Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm Au RATIO G.C.
481' 144.8 – 147.8 M ~~475–485 ft~~ as 468–474 ft																								
147.8 M – 149.4 M ~~485–490 ft~~ – Chert like, aphanitic but too soft. BOX	1		2	Cherty			80	80		490					485	97		56397	2	119	0.17	67		0.02
149.4 M – 152.4 M ~~490–500 ft~~ Rhyolite probably flow – Whispy flow bands @ 70–80° may be mix of flow below + sed above 20	1		2	Rhyolite			70 to 80	80		500		1% dissem. mostly pyrrh. 498 – 1 cm pyrrhotite chlorite irregular vein			495	98		56398	2 –	107	0.06	32		0.02
152.4 M – 153.9 ~~500–505 ft~~ Rhyolite, soft flow bands 70–80°			1	Rh			70 80					1% dissem. pyr			505	97		500 56399 505						
505'										510				END OF HOLE 505' M										
														RODS BENDING DIP / BRG EQUIP NOT AVAILABLE ESTIMATE DIP 15° OFF COLLAR BY BUILDING IN 2.1? gear on Markis										
														+ RUNNING OUT OF POWER ∴ DIP 35 – 15 = <u>20°</u> DIP Average Dip Deviation holes 2-6 incl 0.0477°/ft										
														× 505 ft = 24° – 35° = <u>11°</u> DIP Average Dip Deviation holes 4, 5, 6 0.0318°/ft										
														× 505 ft = 16° – 35° = <u>19°</u> DIP										
														THEREFORE DIP ASSUMED TO BE ~20° @ 505 ft										

CANEX PLACER LIMITED

N.T.S. MAP GRID: 94 G 11 E
LOCATION: Sitawamis / Indian R.
DATE COLLARED: 15 Oct 1978
DATE COMPLETED: 17 Oct 1978

BEARING: 095° collar; 095° @ 375 ft
LENGTH: 382 ft   116.4 Meters
DIP: -45 collar; 014° @ 375 ft

LATITUDE: 5498785.5N (0+965N (Metric))
DEPARTURE: 497447E (0+18W (Metric))
ELEVATION: 805 Meters

PROPERTY: V159 HOPKINS
CORE SIZE: BQ wl (Markie drill)
SCALE OF LOG: 1 inch = 10 feet

HOLE No.: DDH 2
SHEET No.: 1 of 6
LOGGED BY: JTBC
DATE: 21/10/78

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	GRAPHIC LOG Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	ASSAY SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm ~~Zn/Pb~~ Au RATIO G.C.
Note Lithologic boundaries converted to meters and footages crossed out.										10														
										20				0-20' Casing	Casing 20			20'						
20 Box 1 6.1M-7.3M ~~20-24'~~ Granular Volc sediment and banded/lmld. (70°) Volc sed- approach chert. med. grey. Cl 25 7.3M-10.5M ~~24-34'~~ Dark grey black aphan Mudstone (Remc of MP). Cl 50	H 3>		3	Mixed Volc Sed Mudstone			70			30		Trace pyrrhotite pyrite	TR		26	99		56431 ~~24'~~ 56432	62 82	155 250	1.50 1.47	1130 148		0.02- 0.02-
10.5M - 11.1M, ~~34-36'~~ Arz re heal fault zone. 11.1M-12.5M grey aphanitic rhyolite appearing tuff/flow/sed. Cl 18	3 1		3	Black Rhyolite Cf tuff		⊏				40		10cm-11cm ~~...~~ -Sphal 5% chalc-1% pyrrhotite% 36.5-41 Trace sulfide	<1%	34.5' contact gradational over 20 cm. 34.5-36.5' Out of Vent + tubbled No chear; Brecciated	36	99		34' 56433 40'	1020	0.79%	5	800		0.05-
42 Box 2 12.5M-13.5M ~~41-44'~~ Lt to med grey Volc sed'ts (greywacke) Cl 20 14.9M-15.8M ~~49-52'~~ qtz reheal zone. 5% sulfide	1		3	Greywacke			2			50		14.0m-15.5m ~~44-52'~~ <1% sulfide made up of	<1%	41' contact grad 41' to 42' 46' flow banding ∥ring ∥ core	46	99		56434 50'	127	1100	0.72	102		0.02-
7047	1		3	Volcanic sed		⊏				60		4% pyrrhotite ½% sph ½ pyr.	TR		56	97		56435 60'	27	157	1.52	102		0.02-

SEDIMENTARY Pb/Zn Drill Log Form # 575 (Page 1)

CANEX PLACER LIMITED

V159 HOLE No.: [illegible] SHEET No.: 2 of 6

ROCK TYPE AND TEXTURES	Carb (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm Ag RATIO G.C.
91-77 ft greywacke	1		1	greywacke			30			70		73' 2cm Qtz vein ½ 2% [illegible]			66	99		56436						
~~77~~ [illegible] ft Weak Brown Biotite	1		1				30			80					76	99		56437						
Alteration of Volc greywacke same as 91-77 / [illegible] ft ~~(86-90)~~ Minor stockwork 2-5% fine qtz veins	1		2							90		[illegible] ~~[illegible]~~ 2% galena			86	99		56438						
[illegible]	1		2				50			100					96	99		56439						
~~100-131'~~ Volc grey wacke similar to 91-77' slightly coarser grain size not as densely packed med grey CI 25	1		2	slightly coarser				50		110					106	99		56440						
			2?	grey wacke			75			120					116	99		56441						
			2?	Volcanic						130					~~123~~	~~99~~		56442						

SEDIMENTARY Pb/Zn Drill Log Form X575 (Page 2)

CANEX PLACER LIMITED

V15 9 **HOLE No.:** [illegible] **SHEET No.:** 3 of 6

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG (Rock Type Structure / Footage 130 / Mineralization Type (6))	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm ~~Zn/Pb~~ Au RATIO G.C.
136 39.9M-47.2M ~~131-155~~ Micro agglomerate Color 30% 2-3mm qtz subang white Matrix faint brown tint on grey.	1		2	[illegible] 30%			60		140				133	97		56443						
	1		2	[illegible]					150				143	97		56444						
47.2M-48.6M ~~155-159.5~~ Bleached & textural to fine grained light grey Cl 15 by	1		2	[illegible]				45	160				154	97		56445						
164 15cm qtz vein zone at 156.5 to 157' Rock type likely same as 131-155 and 159.5 to 162' 49.4M 56.4M 162- ~~185~~- fine grained	1+		2	[illegible] Cl 25			40		170			Contact at 162' gradational from 160 to 164'	164	97		56446						
banded irregularly Volc agglomerate. clasts 2-3cm < 10%. dragged into foliation which gives banding approximate ~~162-185~~ Start Cl 25 end Cl 20 49.4M-56.4M	1+ / 1		2	agglomerate Cl 20				75	180				174	97		56447						
185 61.4M-62.5M ~~185-205~~ Start Cl 20 end Cl 18 interbedded micro aggl & greywacke [illegible]	1		2	aggl | greyw					190	185-185.2 8% pyrite py			185	95		56448						
[illegible] large clasts microaggl & grey 6% 201-203- 15% irreg qtz stock	1		2+	inter banded micro-aggl and greyw			55		200			19? = 60.? M	195	97		56449						

SEDIMENTARY Pb/Zn Drill Log Form X575 (Page 2)

CANEX PLACER LIMITED

V 159 **HOLE No.:** DDH 7 **SHEET No.:** 4 of 6

	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm ~~Zn/Pb RATIO~~ Au G.C
209	202-209 Fault Breccia rehealed 61.5M 74.8M ~~205 245.5~~ Light to med gray CI 15	1		3			40				200–210		No			205	99		56450						
Box 9	Volcanic agglomerate locally 4cm patches of 2-3mm qtz rich micro agglom.	1		3	4cm clasts agglom			60			210–220					215	99		56451						
		1		3	Micro Micro / Volcanic agglomerate			60			220–230				225 = 68.6 M	226	95		56452						
233		1		3							230–240					234 ~~246~~	99		56453						
Box 10	74.5M - 78.M ~~245.5 - 256~~ - Micro agglom 25% 2-4mm qtz white/lithic	1		3							240–250					246 ~~256~~	99		56454						
256	15% 2-4mm lithic clasts Color light to med grey CI 18. 78M 107.3M ~~256 352~~ - Light grey	1		3	Micro agglom			60 60			250–260				Bed rotate into clv. 252' = 76.8 M	256 ~~266~~	99		56455						
Box 11	aphanitic generally Volcanic sediment probably greywacke CI 10-15	1		3	aphanitic Volcanic greywacke						260–270					266	99		56456						

CANEX PLACER LIMITED

V-57 **HOLE No.:** [illegible] **SHEET No.:** 5 of 6

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Graphic Log Footage	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	SAMPLE No.	PPM Pb G.C.	PPM Zn G.C.	PPM Ag G.C.	PPM Cu G.C.	Pb + Zn	Ppm Au RATIO G.C.
75 - 157.39 ~~250 - 350~~ aphanitic Volcanic greywacke.	1		3	15			55		275–280				275	99		56457						
	1		3	12					280–290				285	99		56458						
	1		3				60		290–300				295.5	96		56459						
	1		3					58	300–310				306	96		56460						
	1		3						310–320				316	99		56461						
334-336 15% avg darker (More Basic Rhyolite) [illegible]	1		3				60		320–330				326	99		56462						
	1		2+						330–340				336	99		56463						

(Written vertically in the Contacts column: greywacke … Volcanic … aphanitic)

CANEX PLACER LIMITED

V159 **HOLE No.:** VDH 2 **SHEET No.:** 6 of 6

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm ~~Zn/Pb~~ Au ~~RATIO~~ G.C.
104.7M - 106.1M ~~342~~ - ~~348~~ - Cl 20 - gradational color change in rock, greywacke and pyr as 256-352	1 1		2	greywacke						340 – 350					346	99		56464						
350 — Box 15 — 107.3M - 111.5M ~~352~~ - ~~366~~ - aphanitic light grey almost chert in appearance but no choncoidal fracture. Likely rhyolite but may	1		3	Vole				45		350 – 360		Traces sphal pyrr pyr		352 Contact @ 4 and rock is change between and almost aphan	356	99		56465						
correspond to WSP chert on Line 000 on Surface. 111.5M - 115.5M ~~366~~ - ~~379~~ ft Rhyolite	1		3	chert	45			45		360 – 370		chalc 364 - 5cm may run 3% sulphide in 40% shear & minor qtz		Rhyolite above 352 to aphan Rhyolite below	366	99		56466						
372 — Box 16 — 115.5M - 116.4M ~~379~~ - ~~382~~ Rhyolite + sheared rhyolite (microbreccia)	1		3	rhyolite microbreccia	45		45			370 – 380		366.5 - 2cm 1% sulfide 371 - 5cm 1% sulfide Generally only trace sulfide this area		379 - 382 Microbreccia	376 382	99 79		56467 56467						
										380 – 390				END HOLE RODS TOO TIGHT DUE TO BENT TUBE & OUTERSHOE WONT GO DOWN										
										390 – 400				planned length was 2500' +										
										400 – 410														

CANEX PLACER LIMITED

N.T.S. MAP GRID: 94 G 11 E
LOCATION: STAWBANKS/INDIAN R.
BEARING: 045° collar; 051° @ 298 ft
LATITUDE: 5498785 N (0+96.0 N (Metric))
DEPARTURE: 447446 E (0+18 W (Metric))
PROPERTY: V159 HOPKINS
HOLE No.: DDH 3
SHEET No.: 1 of 5
DATE COLLARED: 17 Oct 1978
LENGTH: 306 feet 93.3 m.
CORE SIZE: BQ WL (Hardie drill)
LOGGED BY: [illegible]
DATE COMPLETED: 19 Oct 1978
DIP: -70 collar; -52° @ 298 ft
ELEVATION: 805 Meters
SCALE OF LOG: 1 inch = 10 feet
DATE: 21 10/78

7047

Rock Type and Textures	Carb. (1)	Silica-Ind (3)	Contacts	Veins	Bedding / Cleavage	Footage	Sulphide Mineralization	Est. Grade	Remarks	Footage Blocks	Est. Core Rec	Sample No.	Pb ppm G.C.	Zn ppm G.C.	Ag ppm G.C.	Cu ppm G.C.	Au ppm G.C.
Note Lithologic boundaries converted to meters and footages crossed out.						10											
									0-18 casing	casing 18							
18 — 5.5M–6.1M ~~18-20'~~ – as 6.1–7.3M DDH2 Granular Banded Volc sed	2	2	[illegible]		20	20				18		56401 (18–20)	9	73	0.28	64	0.02-
6.1–7.4M ~~20–26~~ as 7.5–10.5M DDH2 Dark grey Black aphanitic mudstone.	3	3	Black Mudstone				26-40.5' Stringers & blebs in qtz of sphalerite			26	99	56402	53	500	1.07	121	0.02-
7.4M – 12.34M ~~26–40.5~~ as 10.5M–12.3M DDH2 fault 26' to 27' DDH3	1			90		30						56403 (26–30)	250	0.50%	2.80	630	0.02-
Rhyolite tuff – bleached CI 10-15 Light grey (38)	1	3	Rhyolite tuff CI 10-15	40, 40, 45, 40, 40		40	in qtz vein rich (15%) bleached zone i.e. 15% of bleach zone is quartz veins	1-2% Zn est	~~40.5~~ DDH2 2nd bleach zone not in DDH3	36	99	56404 (30–40)	340	700	1.35	52	0.02-
12.3M – 15.2M ~~40.5–50 ft~~ Rhyolite ash 1mm grain size	1+	3	Rhyolite ash			50			Biotite brown ... 23.8M ~~[illegible]~~ and ~~40.5' ... 45'~~ 33.7M – 34M	46	99	56405 (40–)	63	520	0.23	87	0.02-
15.2M – 34.1M ~~50–112~~ Ash Rhyolitic tuff Grain size 2mm 30% qtz-feld in < 1mm matrix. See Remarks Dark matrix micro agglomerate.	1+	3	Dark Micro agglomerate	50	50	60			23/11/78, ~~50–112~~ 15.2M–34M Micro agg. Dark matrix as DDH4	56	99	56406	52	290	0.43	150	0.02-

Box 1
Box 2

SEDIMENTARY Pb/Zn Drill log form X 575 (Page 1)

CANEX PLACER LIMITED

Y' 5 7 **HOLE No.:** 66H3 **SHEET No.:** 2 of 5

ROCK TYPE AND TEXTURES	Carb (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Footage	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	SAMPLE No.	PPM Pb G.C.	PPM Zn G.C.	PPM Ag G.C.	PPM Cu G.C.	Pb + Zn	PPM Zn/Pb Au RATIO G.C.
62 15.2-34.1 Meters ~~Tonalite~~ Dark Matrix Microagglom.	11		>	matrix			60		60–70				66	99		56407	48	330	0.38	173		0.07
	1+		>	in 1 mm qtz-feld					70–80				76	99		56408	27	178	18	370		0.02
85	11		>	30% mm grains				55	80–90			155-162 in 66H2 is Bleach zone not in ddh 3	86	99		56409	15	330	0.10	50		0.02
	1+		>	micro agglom				•	90–100				96	99		56410						
109	1+		>	Dark matrix					100–110				106	99		56411						
34.1 M 45.7 M ~~112-150'~~ Rhyolite Ash tuff 1mm grain size (Rhyolite microaggl) med dark gray Cl 30	1+		>	micro agglom	30				110–120	35.7 M 36.5 M 117'-120' Qtz Vein with 4% pyrite + chlorite	2%	Brown Biotite? alteration 118.5'-119' & 120'-120.2' 36 M	116	99		56412	16	200	0.42	70		0.02
	1+		>	matrix 1 mm; dark Cl 30			80		120–150				126	99		56413	12	970	0.75	450		0.02

Left margin: Box 3; Box 4; Box 5

CANEX PLACER LIMITED

9157 **HOLE No.:** LP-3 **SHEET No.:** 3 of 5

Depth	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG (Rock Type Structure / Footage / Mineralization Type (6))	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm Au RATIO G.C.
133	~~133–133.5~~ Lapilli ash bed. 25% ash tuffs frags sub ang. 3mm to 12x15mm average 10x8mm	1+		3	20			65 / 65	30	130–140	1 pyrite blob vein 1mm thick			136	99		56414	9	220	0.95	97		0.02
	[illegible]	1-2		3						140–150				146	99		56415	23	370	0.15	98		0.02
156	~~150–180~~ Rhyolite ash matrix 1 25% 2mm sub rnd qtz-rhyolite clasts. CI 25-30 Med-dark grey	1 / 2		3				80	T	150–160			158–180' similar to 4474 dark matrix [illegible]	156	99		56416	18	203	0.11	58		0.02
	155–180 + 180–194 3-d [illegible] look are essentially same	2		3					T	160–170				166	99		56417						
179	[illegible]	2		3				75	T	170–180				176	99		56418						
	~~180–194~~ Rhyolite ash locally 2-3% 4x2 mm clasts sub rnded rhyolite med-dk gry	2		3				70		180–190			205–206 [illegible] agg' zone [illegible]	186	99		56419						
		1		3						190–200				196	99		56420						

CANEX PLACER LIMITED

vi 5 G — HOLE No.: DDH 3 — SHEET No.: 4 of 5

Margin	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb ppm G.C.	Zn ppm G.C.	Ag ppm G.C.	Cu ppm G.C.	Pb + Zn	Zn/Pb RATIO
	59.1M - 82.6M										200								200						
203 208 9	~~194-271'~~ - Rhyolite ash or (Rhyolite flow) incorporating 1/2 mm - 2 mm ang frags 'Black Mudstone + collapse pumice	1		2 / 3	pumice frags			60			210					206	99		56421	8	66	2.22	59		0.02-
Box	frags	1		3	also Black Mudstone			60			220					216	99		56422						
227		1		3	frags Black			65			230					226	99		56423	4	55	0.21	10		0.07-
Box 10		1		3	1-2 mm angular			70	65		240					236	99		56424						
250		1		3	with 10% 5?	30					251		246 - 248 → 2cm of dissem & chalco in shear.			246	99		56425						
Box 11		1		3	ash			65			260					256	99		56426						
		1		3	Rhyolite			60 / 60			270					266	99		56427						

CANEX PLACER LIMITED

V.59 **HOLE No.:** 88-13 **SHEET No.:** 5 **of** 5

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm ~~Zn/Pb~~ Au ~~RATIO~~ G.C.
Box 12 82.6M 85.5M ~~271-274~~ - Sheared Rhyolite 83.5M - 93.3M ~~274-306~~ (Micro aggl) Lapilli tuff 80 B.C. 30% subrnd Qtz. Rhyolite	1+		3	Rhyolite				30		270 – 280					276	99		56428						
frags 2-3 mm. - Ash by size defn. in Moorhouse	1+		3	Qtz. Rhyolite			? 45 ?			280 – 290					286	99		56429						
278	14		3	[illegible] contact 93.3 m [illegible]				30		290 – 300				Biotite alteration weak 274-296	296	99		56430						
Box 13	14		3	306 [illegible]						300 – 310		Trace pyrrhotite			306	99		300 56400 306	2-	107	0.06	32		0.02-
														END HOLE 306'										
										310 – 320														
										320 –														

CANEX PLACER LIMITED

N.T.S. MAP GRID: 94 G11 E
LOCATION: STAWAMUS / INDIAN R.
BEARING: 045° to 5 ft; 052° to 250 ft; 055° to 500 ft
LATITUDE: (0705 S (Metric)) 5498701 N
DEPARTURE: (0100 (Metric)) 4913896
PROPERTY: HOPKINS V159
DATE COLLARED: 20 Oct 1978
LENGTH: 506 feet, 154 meters
CORE SIZE: BQ WL (38 mm)
DATE COMPLETED: 21 Oct 1978
DIP: -55° at 5 ft; -44° at 250 ft; -38° at 500 feet
ELEVATION: 798 Meters
SCALE OF LOG: 1 inch = 10 feet
HOLE No.: DDH 4
SHEET No.: 1 of 8
LOGGED BY: H.D. Clendenan
DATE: 25 Oct 1978

ROCK TYPE AND TEXTURES	Carb. (1)	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (4)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb ppm G.C.	Zn ppm G.C.	Ag ppm G.C.	Cu ppm G.C.	Pb + Zn	Zn/Pb Ag RATIO G.C.
Note Lithologic boundaries converted to meters and footages crossed out. 1.5m-6.4M (altered) ~~5'-21'~~ Recrystallized Rhyolite lapilli tuff and Rhyolite ash tuff.	1		3	tuff		Clast?		45		10		Trace pyrite pyrrhotite		Casing 5 feet. Stoz' almost	5			5' 56468						
6.4m-8.8m	1		3	recrystallized Rhyolite lapilli-ash tuff				45		20				diorite in appearance but definitely sed. origin	15	(4.5ft) 40%		10' 56469						
~~21'-29'~~ Rhyolite ash tuff. <1mm grain. 7.3m-7.9m ~~24'-26'~~ Biotite alteration ~~29'-60'~~ Rhyolite tuff	1		3	Microagg / Rhyolite ash tuff				40		30				21'-66' Microaggl 2nd look.	26	98fr		20' 56470						
8.8m-18.3m ash - 1-3mm 35% lapilli - 4-15mm 10% Cl 20 med. lt gray	1		3	4-15mm Cl 20			65			40					36	99		56471						
6.4m-18.3m ~~21'-60'~~ Microagglomerate on 2nd inspection	1		3	1-3mm Microagglomerate						50					46	99		56472						
7047	1		2	35% 1-3mm Microagglomerate		45	60			60				Fault vein 11.?m	56	99		56473						

CANEX PLACER LIMITED

Vis 9 **HOLE No.:** DDH 4 **SHEET No.:** 2 of 8

	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	ppm Pb G.C.	ppm Zn G.C.	ppm Ag G.C.	ppm Cu G.C.	Pb + Zn	ppm Zn/Pb Au RATIO G.C.
	18.3M - 21.9M										60														
Box 3	~~60-72'~~ Rhyolite lapilli Tuff 80% clasts 15% 1-4mm 65% 4-20mm Cl 18. Clasts qtz+Rhy. Mottled.	1		3	lapilli tuff				110		70		<1% pyrrhotite Lapilli		60-72' & 76-79' similar to 5-21' unit. (over) Looks like core reversed	66	99		56474						
	21.9M - 23.2M ~~72-76~~ Biotite alteration of Ash Tuff 23.2M - 24.1M ~~76-79'~~ as 60-72	1		3	ash tuff Bt alt.						80				Section now 72-76 looks like it should be where 76-79 core is &	76	99		56475						
82	24.1M - 40.5M ~~79'-133'~~ Rhyolite ash Tuff. <10% 1-2mm qtz sub ang. Cl 25-30. ~~79'-82'~~ Very weak Biotite 24.1M-25M Brown Alt.	1		2					50 Wk		90				76-79 core looks like it should be in 72-76 location.	86	99		56476						
Box 4		1		2	qtz 2mm						100		trace dissem pyrrhotite			96	99		56477						
106	32.3M - 33.7M ~~106-110~~ Biotite alt.	1		2	tuff <10% 1-						110					106	99		56478						
	33.7M - 37.7M ~~110-124~~ Cl 20 - bleached due to ‖ vein. 2mm grain size qtz	1		2	ash	35 / 30					120				Vein Chlorite/cumm	116	99		56479						
Box 5	37.8M - 38.1M ~~124-125~~ Cl 20 Bleach. 38.4M - 40.5M ~~126-133'~~ Weak biotite brown alt.	1		2	Rhyolite						130					126	99		56480						
129																									

CANEX PLACER LIMITED

V134 HOLE No.: 11?? SHEET No.: 3 of 8

Margin	ROCK TYPE AND TEXTURES	Carb (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
	41.5m – 42.4m																								
150?	~~135-162~~ Lapilli Rhy Tuff 60% clasts avg 15x15 mm, Max 30x30 mm 10%, min ... 20%; Cl 15-20	2		3							145					136	99		56481						
		1		3	[illegible]				50		150					146	99		56482						
151		1		3	[illegible]				65		160		46.3m – 46.9m 152-154-2-3% Sulphides mostly pyrite some chalco.			156	99		56483						
	42.4m – 53.6m ~~162-176~~ Rhyolite Micro Sheared – Mica-sericite approaching schistose	1		2 1 2	Micro sheared Rhyolite				75		170				"Rhyolite" w.b. ...	166	99		56484						
176	53.6m – 112.4m ~~176-384~~ Micro agglom.	2		2					71		180				536 – 1120m ~~176-384~~ 2nd flow	176	99		56485						
	20-30% subang- feld slightly altered to chlorite; dark gray with green tinge; feld- 3 2-3mm	2		2	[illegible]			30 7/	30		190				Porphyroclast Volcanic sed Same as other Micro aggl but matrix darker.	186	99		56486						
199	is this the same as ? rock under Power line ...	2		2	Micro agglom			30 ?	34		200					196	99		56487						

CANEX PLACER LIMITED

7-39 **HOLE No.:** 6604 **SHEET No.:** 4 of 8

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
~~174-384~~ 536-117m Dark Matrix Microagglom	2		3	slight chloritic alteration						210					206	99		56488						
	2		3	3-4mm feldspar			45 / 45			220					216	99		56489						
	2		3	20-30%			//			230				// = parallel	226	99		56490						
~~234~~ 45.7m 2cm chlorite bleach around Vein qtz 2mm 80	2		3	matrix	80					240				Chlorite bleach zones pistachio or cream color	236	99		56491						
	2		3	dark			45 / 55			250					246	99		56492						
~~257~~ 78.3m 1cm chlorite Bleach	2		3	agglomerate	80					260					256	99		56493						
~~265~~ 81.? 6cm chlorite Bleach zone ⊥ 90°	2		3	Micro	90					270					266	99		56494						

Depth	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
270	270-317.4 Microagglom dark matrix; 272-272.6 3 chlorite bleach zones [illegible]	2		3	Slightly chloritic	80			60		270 / 280		82.3 - 96 m 270'-315' 2-5% pyrite pyrrhotite		270-384 [illegible] dark matrix microagg 2-3 mm subrd qtz 30% [illegible] vary from 10-40%	276	99		56495						
		2		3	feldspar						290					286	99		56496						
293		2		3	2-3 mm 30%			60 ?	//		300		300-303' 30° 5 cm 30° qtz veins (blebs) ½ 5-10% pyrite			296	99		56497						
		2		3	in dark matrix				60		310		93.9 m 94.2 m 308-309' 5% dissem pyrite			306	97		56498						
317		2		3					60		320					316	99		56499						
		2		3	microagglomerate						332					326	99		56500						
340		2		3				60 //	60		340					336	99								

CANEX PLACER LIMITED

V157 **HOLE No.:** 33114 **SHEET No.:** 6 of 8

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
340 ~~176-384'~~ 53.6-117M Microagglom. dark matrix	2		3	2-3 mm feld.						340 / 350		No		Dall hole	346	99								
	2		3	28-30% 2-3			55	55		360					356	99								
364	2		3	dark matrix				50		370					366	99								
	2		3	Microagglom.			50			380					376	99								
117.M – 121.9 M ~~384'-400'~~ Same as 176-384 but < 1% clasts (feldspar) + no chlorite alteration 389	2		3	Micro / dark / no chlorite alt.				50		390		118.6M-119.2M 389'-391' 10% dissem. pyrite pyrrhotite			386	99								
121.9M-154.2 M	2		3	Micro agglom. < 1% feldspar no chlorite alt.			50			400					396	99								
~~400-506'~~ Same as 176-384 20% 2-3 mm sub ang. feld. no chlorite alteration	2		3	Microaggl. dark						410					406	99								

Box 15 / Box 16 / Box 17

CANEX PLACER LIMITED

V-59 HOLE No.: GDH-1 SHEET No.: 7 of 9

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
121.9M - 154.2M 400-500' Micro agglomerate dark matrix 20% 2-3 mm sub angular feldspar which does not show any chloritic alteration	2		3							420					416	90								
	2		3							430					426	99								
436	2		3							440					436	99								
	2		3							450		450-455.5 1% 2MM Py-Po Xnls			446	99								
	2		3							460					456	99								
466	2		3							470					466	99								
	3		3							480					476	99								

SEDIMENTARY Pb/Zn Drill Log Form 2573 (Page 2)

CANEX PLACER LIMITED

Visq **HOLE No.:** DbH4 **SHEET No.:** 5 of 8

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG: Rock Type Structure	GRAPHIC LOG: Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY: SAMPLE No.	ASSAY: Pb	ASSAY: Zn	ASSAY: Ag	ASSAY:	ASSAY: Pb + Zn	ASSAY: Zn/Pb RATIO
487	2		3							480 – 490		486 - 35° Shear 1cm pyrite dissem Hoqtz		Micro aggl (25/inch) dark Matrix	486	99								
	2		3							490 – 500		1-2% dissem pyrite ↓			496	99								
506	2		3							500 – 510		↓		End hole 506ft	506	99								

CANEX PLACER LIMITED

N.T.S. MAP GRID: 94 G 11 E
LOCATION: STAWAMUS / INDIAN R.
DATE COLLARED: 23 Oct 1978
DATE COMPLETED: 27 Oct 1978

BEARING: 045° collar; 043° 1 grade; 3 grade
LENGTH: 866 feet 264 meters
DIP: 045° collar, 030° @ 440', 027° @ grade

LATITUDE: 5499064 N (1435 N (Metric))
DEPARTURE: 492227 E (3475 W (Metric))
ELEVATION: 802 Meters

PROPERTY: HOPKINS V159
CORE SIZE: BQ WL (38 Drill)
SCALE OF LOG: 1 inch = 10 feet

HOLE No.: DDH 5
SHEET No.: 1 of 13
LOGGED BY: M.D. Clendenan
DATE: 1 NOVEMBER 1978

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
NOTE Lithologic boundaries converted to meters and footages crossed out.										10														
4.6 M – 15.5 M ~~15 – 51 ft~~ Porphyroblastic texture Volcanic lithic greywacke, ground mass (C125)	1-2		3+	Volcanic Lithic greywacke						20		10-20% 5x10 mm frags with 3% pyrite		0 – 15 feet casing / mixed aggl / 15-51 ft. same	casing 15	—								
with clasts angular 1x3 cm to 4x6 cm, of similar material to matrix but slightly darker (C1 30) average clastsize 2x3 cm. Porphyroclasts are quartz	1-2		3+				1	30 fol. 40		30				Rock at surface shows 350 W dip, 700 W 1800 N ... similar to drill rock. 15-51 ft. Volc aggl. 40% clasts 2x3 cm	26	17 ft 109%								
subangular 1-3 mm + comprise 30% of matrix + 30% of clasts. clasts are 40% of rock. 8.2 M – 8.8 M ~~27 – 29~~ Slight bleaching	1-2		3+		15					40		< ½ % dissem. pyrite + minor pyrrhotite (15-51) 11.6 M ~~38~~ – 2 cm rusty shear, irreg. qtz		average, angular, porphyroblastic texture clasts + matrix.	36	99								
due to qtz bleb at 28'. ~~36 – 43'~~ bleach zone due 11.1 – 13.1 M qtz sulfide zone 41-42'	1-2		3+	Porphyroblastic	5			60		50		12.6 M – 12.8 M ~~41.5 – 42~~ sphal pyrr, py irreg. lens 10 cm long	< 1%	Cu+Pb+Zn+Ag over 5 cm over 6 inches — equivalent to surface showing ?	46	99								
15.5 M – 18.3 M ~~51 – 60 feet~~ transition to fine grained rock of 60-150' interval. locally sheared 40° porphyroblast clast zones, to 30 cm < 20% of interval	1-2		2+	transition			65	40		60		2 cm chlor. mag. tapers to 1 mm irreg. stockwork		15.5 M – 18.3 M ~~51 – 60~~ Moderately ~~color~~ brown biotized + biotized 4x6 cm frags.	56	99								

7047

SEDIMENTARY Pb/Zn Drill Log Form X 575 (Page 1)

CANEX PLACER LIMITED

V159 HOLE No.: DDH 5 SHEET No.: 2 of 13

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
18.3m - 45.7m ~~60'-150ft~~ fine grained tuffaceous rhyolitic to dacitic sediment Medium grey / Cl 20	1+ 1-2		1							70		None		2nd look Rhyolitic tuff possibly bordering on dacitic tuff	64	99								
18.3m-27.4m 60'-90' Weak biotite brown alteration Cl 20	1+ 1-2		1	CT 70			0 3	4 5		80		as listed			74	98								
	1 1-2		1	Sediment			/	P		90					84	99								
28.5m - 30.5m ~~95-100~~ 30cm fault zone	1+ 1-2		1	Dacitic			60	6		100		Trace pyrite			94	99								
with bleaching around 2cm qtz vein 32m. ~~105~~ 40cm qtz rich zone with 30cm biotite alteration	1+ 1-2		1	Rhyolitic	45°		4 30	L		110		with qtz fault. 32m. ~~105~~ Trace pyrite			106	85								
above & below. weak 34.4m-35m ~~112-115~~ Patchy biotite brown alteration.	1+ 1-2		1+	Rh			5	N		120		biotite Traces pyrite <1% <0.5mm		37.2-39.6 ~~122-130ft~~ Qtz stockwork 5% of intervals	114	55								
Biotite banding becomes apparent at 36.6m ~~120~~ & becomes prominent at ~~120-130~~ 36.6m-39.6m then becomes less evident ~~130-150~~ 39.6m - 45.7m	1+ 1-2		2	fine grained	40 40 40		45			130		↓		Contains 1-2% disseminated pyrite porphyritic + trace sphal	124	99								

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG: Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY: SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
18.3M – 45.7M 132 60–150 Rhyolite tuff. CI 20° Medium Brown	1+ 1-2		2	Rhyolitic tuff fine						130					136	12' 99%								
46.7M – 48.8M	1-2 1+		1+	Rhyolitic Sediment			7			140				150 ft contact	146	97								
~~150–160~~ – Volcanic Lithic greywacke – 60% 2.5mm clasts subrounded mostly granite sand rhy tuff. 157 locally (2%) black argillaceous clasts (2–5mm)	1		2	Volc. Lithic greywacke				60		150				gradational, over 146' to 152 ft 46.3M 150–160 – see hole 4, equivalent unit. 48.8M	156	98								
48.8M – 51.2M ~~160–168~~ Aphan. blk argillaceous (USMS of H.P. Mudstone) CI 50° 51.2M – 53.6M ~~168–176~~ Aphan. (< ½ mm)	3		2	Shale Mudstone			80 55			160				160 contact irregular but definite as is 168 contact 51.2M	166	98								
~~Tuffaceous~~ Rhyolite Tuff CI 25 53.6M – 57M ~~176–187~~ mix of 160–168 USMS of HP + 168–176 Tuffaceous Rhyolite	1		3	Rhyolitic Tuff				30		170				Note 168'–249' (51.2M – 75.9M) intercalated Volc sed. < ½mm grain to 2mm grain size locally	176	98								
180 CI 35° Dark grey to Black patchy 57M – 61M ~~187–200'~~ Tuffaceous	1	.	3	Interbedded Volc. Sed.			7			180				weak biotite alteration. 176 – R.C. soft sed. folding	186	98								
Rhyolite CI 30° Dark grey, patchy. (gradational change of ea. from 176–187') i.e. 176'–200' (53.6M – 61M) is a gradational change from USMS to Tuff Rhyolite	1		3			7				190 200				Possible fault zone 189.5'–201' (57.8M – 61.3M)	196	96								

Box 6 · Box 7 · Box 8

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
61M - 61.5M 45.7M - 48.8M										200														
204 ~~200-202~~ - as ~~[illegible]~~ Lichie Vale greywacke, 2mm qtz 40% 61.6M - 75.4M 53.5M - 57M ~~202-244~~ - as ~~[illegible]~~ Volcanic sediments. generally fine grained locally co 2mm qtz	1+		2				7	55		210		201-204 - 4% dissem pyrite pyrrhotite			206	98								
porphyroblasts in clasts 1.5-2.0cm long. 1% of interval, contact ∠'s 30°-80° 211-212' - black ~~[illegible]~~ (and 3) siliceous argillaceous Mudstone	3) 1+		2+		30					220		218ft - 5mm qtz Vein ½ 1% Pyrite, pyrrhotite			214	98								
22[illegible]	1+		3							230					224	98								
232-237 Very siliceous	1+		2							240					236	11.5' 96%								
245-246ft - Shear zone high siliceous - approaching chert. CI 40-15. 248	1+		2					70		250					246	92								
75.9M - 77.1M ~~247-257~~ Chlorite rich zone - CI 40 Color dull dark green. Rhyolite tuff that has been chloritized	1+ 1		2							260				262' = 79.9 M	256	97								
~~257-258~~ Biotite alteration 77.1M ~~ft~~ 77.7M tuff Rhyolite CI35 77.7M - 82.4M ~~258-272~~ - Rhyolite tuff grading to porphyroblast Rhyolite tuff. CI20	1		2		50			60		270		260 - Vein 2-3cm each over 10cm with up to 10% pyrite pyrrhotite 210-266ft 2% pyrite in (micro aggl) rhy tuff		Note porphyroblast Rhy tuff called Micro aggl on surface + in other ddh's	266	98								

Contacts column (vertical): Volcanic sed. generally fine with Mudstone beds. intercalated; Chlor. Rhy tuff to porphyroblast; Bio. [illegible]

Box 9

Box 10

Box 11

CANEX PLACER LIMITED Vis 7

HOLE No.: DDH 5 **SHEET No.:** 5 of 13

Margin	ROCK TYPE AND TEXTURES	Core (3)	Carbonate %	Silica-ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
271 Box 12	82.9M - 86M ~~272' - 282'~~ - Porphyroclastic (2-3 mm 40% subang qtz) Volc lithic greywacke. ≈ 10% 1cm sub rnd qtz-rhyolite clasts.	1		3	to Lithic Tuff			70	45		280				Bdg - from bands of 3mm sub rnd qtz 275' = 83.8M	276	99								
	86M - 86.9M ~~282'-285'~~ Qtz rich rehealed fault zone, some biotized frags 86.9M - 104.2M ~~285' - 342'~~ Tuffaceous Rhyolitic sediment	1		1-3 / 2	hole		60		50		290		@286 2% dissem pyr rotated into clv.			286	97								
294	becoming coarser down hole. < 2mm at top interval to 1mm at end interval CI 20 Color lt to med	1		1 / 3	down				65		300		< 1% dissem pyrite in clv			296	99								
Box 13	grey.	1		3	Carrier						310					306	97								
316		1		3	Sediment			80			320		97.5M 105M		315' = 96.0M	316	97								
Box 14		1		2	Rhyolitic				60		330		320'-345' - 2% < 1mm pyrite rotated into cleavage			324	99								
	101.2M - 101.5M 332'-333' - Silica rich zone	1		2	Tuffaceous			80	65		340					335	96								

	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY: SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
341 Box 15	104.2M - 104.9M ~~342-344~~ Biotite alteration of 2mm qtz 25% porphyroblastic tuffaceous grey wacke 104.9M - 115.2M ~~344-378~~ Agglomerate. 10% ovoid clasts 2x3cm	1		2				80	61		340–350				342-344 – No sulfides in Biotite zone.	345	99								
	in tuffaceous greywacke matrix like 342-344 but not biotized Cl 30 color med grey with 25% white qtz	1		2	Agglomerate 10% 2x3cm ovoid clasts			80			350–360					355	99								
365	~~363-364'~~ - fault zone. 110.6 110.9	1		1-2 / 2		10 70	?? 70	80	70 / 70		360–370				370' = 112.8M	366	99								
Box 16	115.2M - 115.8M ~~378-380'~~ - Gradational	1		2	N				70		370–380					376	99								
388	Contact 115.8M - 145.7M ~~380-478'~~ Dark grey to black. Volcanic sediment generally aphanitic matrix with 10-15% 1-2mm qtz grains. locally	2		2-3	Dark grey-black Volc sed. 10-15% 1-2mm qtz			90			380–390				380-478 fr May be andesite type porph flow.	386	99			-					
Box 17	no qtz grains. Cl 35 (argillaceous greywacke) 118.8M - 245.1M ~~390-414~~ - Chloritic bleached patches around	2		2-3							390–400				120.1M - 120.4M. 394-395' Biotite alt. 398-399' Biotite alt. 121.3M - 121.6M	396	99								
	fault breccia. Faults at 121.3M - 121.5M ~~397.5-398.5~~ 123.2M 123.5M ~~401-402~~ ~~404-405~~ 123.1M - 123.7M	2		2-3							400–410				400' = 121.9M 405' = 123	406	99								

CANEX PLACER LIMITED

V15-9 HOLE No.: DDH 5 SHEET No.: 7 of 13

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
380-476 See page 6 412 ft 1 cm vein qtz 418 ft 5 cm qtz vein, bleached ... above.	2		2-3		30 35					410 420		418 ft bleb pyrite ... vein			416	99								
	2		2-3	(Dark Matrix/ ...)						430		[illegible]			426	99								
436 - 1 cm qtz crack + bleaching 436' 1 cm qtz vein	2		2-3		25					440		[illegible]			436	99								
	2		2-3	10-15% 1-2 mm qtz						450		[illegible]			446	99								
	2		2-3							460		[illegible]			456	99								
470' 5 mm qtz vein	2		2-3	black shale sed						470		[illegible]			466	98								
	2 2		2-3 2-3	Dark grey						480		[illegible]			476	99								

Box 18 Box 19 Box 20

Margin	ROCK TYPE AND TEXTURES 145.7M – 153.9M	Carb (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage 480	Mineralization Type (4)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
480 Box 41	~~478-505~~ C125 Rhyolite tuff color Mod-grey. generally aphanitic but locally (5%) with faint bedding	1			Mod grey Rhyolite Tuff			70	70		490		No			486	99								
	491 – 5cm fault gouge; 495 – 5cm fault gouge; 152.1m – 152.4m ~~499-500~~ 20% ½ to 2mm Vesicular pumice collapsed shards.	1						80	75		500		↓			496	99								
50[?]	5 153.9M – 168.2 ~~505'-552'~~ as 380-478 argill. greywacke but with 20%	1 / 2		2		60					510		↓		505 – 552' See 380-478 Note, and. porph.?	506	99								
Box 22	1-2mm qtz 507-509 – 4mm weakly bleached zones @ 60% dark matrix microaggl	2		2-3					60		520		↓			516	99								
528		2		2-3	dark matrix microagglom.						530		↓			526	99								
Box 23		2		3							540		↓			536	99								
		2		3					70		550		↓			546	99								

CANEX PLACER LIMITED V15?

HOLE No.: DDH 5 SHEET No.: 9 of 12

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG (Rock Type / Structure / Footage / Mineralization Type (6))	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
552 168.2 M - 172.8 M ~~552 - 567'~~ - CI 15-20 Rhyolite tuff Light - med grey locally slightly darker	1		2-3				80	60	550 - 560	1/2			556	99								
shards (pumice?) + bands 565 - 1 cm qtz-silica rich fault healed; 172.8 M - 182 M ~~567 - 592~~ Porph andesite dyke	1 / 2		2-3 / 2-3		45				570			567' contact 567' to 568' gradational	566	99								
1 mm - 2 mm sub ang qtz porphyroclasts, slightly darker matrix than possible	2		2-3						580			567-592' May be tuff and + qtz clasts / purple and mela crysts.	576	99								
porph andesite above + 45° hbl? sed. CI 45 Dark grey - black with green tint	2		2-3						590				586	99								
182 M - ~~[illegible]~~ 198.4 M ~~592'~~ - Rhyolite	2		2-3 / 2						600				596	99								
598 lt - med grey tuff CI 15-20; 592 - 598' 20% 2-3 mm subang qtz + feld. 15% 1 x 3 mm collapsed pumice? shards	1		1-2		60	60 / 70		60	610	←		602' - 2 cm qtz vein with traces pyrite 602.5' fault 3 cm	606	99								
599 - 655 - sub aphanitic generally	1		1-2	Rhyolite			75 / 85		620	615 - 621' trace pyrite dissem.		615' = 187.4 M	616	95								

Left margin: Box 34, Box 35, Box 36

SEDIMENTARY Pb/Zn Drill Log Form 3575 (Page 2)

Margin	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
627		1		1-2					60		630		No			626	97								
Box 27	638'-656' weak biotite brown.	1		1-2	Tuff			80	80		640		~~No~~ Trace dissem pyrite			636	99								
647	649'-70° 2cm qtz vein 198.4M - 199.9M	1		1-2	Rhyolite	70			75		650		No			646	97								
Box 28	~~651-656'~~ Chloritic intermed 1mm grain size argill. wacke 199.9M-?M ~~656-666'~~ (Micro aggl) grey wacke 1-2mm	1		1	chloritic argillite?			40			660		656-748ft 2-3% pyrite			656	98								
	qtz - 10-15% 2B clasts to 1cm	1		1	Micro agglomerate (1-2mm qtz 2B clasts)			7	60		670					666	98								
670 Box 29		1		1				7	60		680					676	95								
	209.8M-228M ~~685-748'~~ agglomerate 5-10% 2x4cm clasts	1		1							690				685 contact is arbitrary + 666-748 is likely same unit which fines upward.	686	98								

	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG (Rock Type Structure / Footage / Mineralization Type (6))	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY: SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
694	in matrix similar to unit above (656-685) clasts as matrix and as ~~USMS~~ (748-756)	1		2-3	10% clasts					690 – 700	1-2% dissem pyrite			696	99								
Box 30	Black Mudstone	1		3				55	60	700 – 710	↓			706	99								
717		1		3						710 – 720	↓			716	97								
Box 31		1		3				75	60	720 – 730	↓			726	99								
		1		3				70		730 – 740	↓			736	97								
741	742-743' fault zone.	1		3			17°	80	70	740 – 750	↓			746	97								
Box 32	Black Mudstone 228M - 230.4M ~~748 756~~ ~~USMS~~ - Sheared	3			65				70		747 - 3cm qtz vein 5% pyrite, pyrrhotite		USMS = Black argillaceous Mudstone										
	inter unit Sed. 230.4M - 251.2M ~~756 824'~~ ~~Mass~~ aggl (porphyroclast qtz zone 40%.) 10% 2x3cm clasts	3 / 1		3	Black Mudstone			80	70	750 – 760				756	95								

CANEX PLACER LIMITED V159 **HOLE No.:** DDH 5 **SHEET No.:** 12 of 13

Margin	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
764	756-820' aggl	1		2+				60	60		770				Micro aggl / 40% qtz 2-5mm / 10% 2x3cm clasts as matrix	766	97								
Box 33		1		2+	clasts			60	60		780					776	98								
788		1		2+	10% 2x3 cm				70		790					786	99								
Box 34		1		2+	2mm qtz				(45)		800					796	99								
		1		2-	10%						810					806	99								
812		1		3	Agglomerate				60		820					816	99								
Box 35	251.2 m – 257.7 m ~~824–852~~ Rhyolite Tuff Cl 15 Lt-Med grey	1		3							830					826	99								

CANEX PLACER LIMITED

V15 9 HOLE No.: 66-5 SHEET No.: 13 of 13

ROCK TYPE AND TEXTURES	Carb (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
835 824'–852' Rhy tuff fine banding becoming stronger down hole to 25° at 850'	1–2		2↑ 1	Fine banded	0		80			830 840					836	96								
Box 36	2		1	Rhyolite Tuff			80 85	75		850					846	99								
259.70–264 m. 852–866' aggl (micro) 853–853.5' qtz vein 853.5'–856' Brown micro qtz aggl 2% 2mm qtz 858	2		1 2	Microagglomerate	50	?				860					856	99								
862–866 ft Micro qtz aggl – similar to porphyritic rhyolite possibility	2		2												866	99								
										870				END HOLE 866 feet.										

CANEX PLACER LIMITED

N.T.S. MAP GRID: 94 G 11 E
LOCATION: Stanahus/Indian R.
DATE COLLARED: 29 Oct 1978
DATE COMPLETED: 30 Oct 1978

BEARING: 045° @ collar; ? @ 340 ft
LENGTH: 345 ft 105 Meters
DIP: 045° @ collar; 036° @ 340 ft

LATITUDE: 2+20 N (metric) 5498756N
DEPARTURE: (1+50 E metric) 497654E
ELEVATION: 818 Meters

PROPERTY: HOPKINS V159
CORE SIZE: BQ WL
SCALE OF LOG: 1 inch = 10 feet

HOLE No.: ADH 6
SHEET No.: 1 of 6
LOGGED BY: H.D. CLENDENAN
DATE: 2 NOVEMBER 1978

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
														casing 5 feet	casing 5.0									
1.5M - 12.2M ~~Casing~~ Greywacke Volcanic feldspathic 30% angular feldspar 2-3 mm slightly	1		1+							10		No		Grade Rhyolitic to dacitic in composition										
altered to chlorite in very fine slightly chloritic matrix. Color: medium to (dark) grey with green tint CI 30.	1		1+	20% 2-3 mm feldspar						20		↓		This section this interval at 40 ft selected for Representative sample. (Brecciated?)	15	45								
% of feldspar 2-3 mm grains decreases down hole to 15% at 25-28 ft (7.62M-8.5M) (10.7M-12.2M) 25-28 ft. slightly more chloritic alteration. CI 25 Color med green-grey	1		1+	Volcanic greywacke				40		30				cleavage not strong.	25	98								
May be due to possible micro shear at 27 feet. 8.2 M	1		1+							40		Traces pyrite pyrrhotite galena?	Tr	Gradational	35	97								
12.2M - 68.6M ~~40-225~~ Tuffaceous Volcanic sediment Probably dacitic by color. Color ~~40-80~~ 12.2M-24.4M Med to (dark) grey CI 25-30	1 / 1		1	Tuffaceous Sediment (basic)	45					50		40-225 ft 2-5% 12.2-68.6 m extremely fine (< 1 mm) disseminated plates galena? and generally pyrite. 50' 4% dissem pyrite 1 mm xtals (15.2 m)	2-5% to 225 ft	contact 40' very tenuous) qtz vein @ 50' 40 cm (15.2 m) fine dissem. sulfide Not visible when wet or dry (17.7 m)	44	97								
24.4M-27.4M Color ~~pyrite~~ Transition between 70-80 ft, + 90-225 ft. Color ~~40-225~~ 27.4M-68.6M Med to (dark) grey with brown biotite alteration	1		1		30 / 60	? 30 / ?		40 / 45		60		1 mm above + below qtz vein. Trace pyrite associated with veins 55'		qtz vein @ 58 ft 2 cm with angular clasts Tuff sediment. Minor faults	54	99								

Box 1

34*

Box 2

C6

7047

SEDIMENTARY Pb/Zn Drill Log Form X 575 (Page 1)

CANEX PLACER LIMITED V159

HOLE No.: DDH6 **SHEET No.:** 2 of 6

Box (margin)	ROCK TYPE AND TEXTURES (12.2M – 68.6 M)	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG: Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY: SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
Box 3	~~40-225~~ Tuffaceous Volcanic Sediment - generally aphanitic locally 2 mm qtz + feldspar grains angular.	1+		1	Tuffaceous Volcanic Sediment (Dacitic?) Trace Sulphides		? 15	70	35		60–70			TR	This section in Box 5 area for 40-225 Rock. ∂63-64 ft 3 + 4 cm clots of matrix, clasts? in agg? Strong fol 15°	64	99								
79	Note biotite alteration zones.	1+		1							70–80			↓		74	98								
2	25.3 M ~~83'~~ 10 cm qtz vein zone no bleaching around it biotite alteration same	1+		1		60			45		80–90		Trace dissem pyrite 10 cm above + below 83' vein	↓		84	98								
Box	30.2 M ~~99'~~ qtz zone irreg 10 cm No alteration	1+		1		33			35		90–100			↓		95	90								
103		1+		1				50			100–110			↓		105	99+								
Box 5	37.2 M	1+		1							110–120		37.2 M	↓		115	99+								
126	~~122~~ ft - qtz veins 2 only 1 cm thick, + 1 cm apart these veins causes bleaching (ie no biotite brown) of Rock from 36.9M – 37.6M ~~121' – 123.5 ft~~	1+		1		60 60			49 41		120–130		122.1 ft 10° 2 mm discontinuous pyrite "vein"	↓		125	99								

CANEX PLACER LIMITED V159

HOLE No.: DDH 6 SHEET No.: 3 of 6

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG: Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY: SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
										130						114								
43M - 44.5M	-		1	Trans.						140			TR		136	99								
~~141 - 146~~ - Minor qtz stock-work 1mm joints all angles predom 20-30°	1		1	Sulphide	25			50		150		Pyrite rotated into cleavage			146	99								
	-		N	(Dacitic?)											156	98								
164 10 cm fault gouge grey sand. 49.1M.	1		1	Sediment		*		50		160					166	99								
179.5-175.5 - Possible fault.	1		1	Volcanic		?		55		170					176	99								
57.9 M. ~~190~~ 8mm qtz vein No alteration	1		1	Tuffaceous	20					180					186	99								
59.1M, ~~196~~ 1cm qtz vein No alteration	1		1		85			55		190					196	95								
										200														

Box 6 — 150 — Box 7 — 173 — Box 8 — 191

Box / depth	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
Box 9	63.4M-63.7M ~~208-209~~ Qtz Vein zone	1+		Sed (Quartzite?)	1						200-210			TR		206	99								
	1 per 2 cm 5mm thick @ 30° predom but also 85°. Biotite alteration more intense 192' to ~~218~~ 66.4M; may be due to veins or may be	1+		Volcanic	1				55		210-220			↓		216	99								
220 / Box 10	more porous rock 222'. 68.6M - 74.7M ~~225-245~~ Rhyolitic composition Volcanic	1		Volcanic	1+ / 2				55		220-230		40-225 ft 2-3% dissem galena <0.1mm; 225-245 ft 2-6% 68.6-74.7m dissem sulfides - pyrrhotite 1-4%	↓	Cleavage very weak 225-245' good place	226	90								
	Sediment (Volc greywacke) 30-35% 2-3mm dark sub ang irregular grains — may be irregular hornblende.	1		greywacke	2				50 / 55		230-240		galena <0.1mm 1-2%.	↓	for Thin Section for rock type. 73.1M 239.1ft 3cm gouge 240-242 - fault	236	99								
244	Color Medium grey CI 20-25. 74.7M-105.2M ~~245-345~~ Dark grey black generally aphanitic	2+		Volcanic	2 / 2-			80°	50		240-250		245-345 ft 74.7m-105.2m 5-8% 1mm pyrite in clu locally includes	↓	breccia 73.15M-73.8M. Note contact gradational 242' to 245 ft. 73.8M 74.7M	246	99								
Box 11	Massive Mudstone. Similar to Upper Siliceous Mudstone of Howards Pass with interbeds of	2+		Mudstone	2-				50		250-260		1-2% pyrrhotite.	↓	Note Silica 3 in this log equivalent to Silica 2 HP.	255	95								
268	[illegible] carbon areas as noted	2+		Black	2-				56		260-270			↓		265	99								

CANEX PLACER LIMITED V159

HOLE No.: MH6 SHEET No.: 5 of 6

	ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - Ind. (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
Box 12		2+		2+				70	45		270–280					275	99								
		2+		2+					? 60		280–290					285	99								
290 Box 13		2+		2+	Mud Stone			70	50		290–300					295	99								
	92.4M - 92.8M ~~303'-304.5'~~ Light [(12e)] band - shot gun texture 93.9M - 96M ~~308'-315'~~ ½ of interval	1 2 1		2+				70 70			300–310				Note ~~303'-328'~~ 94.2m - 100.3m May be interunit bed between 245'-303' unit USMSq + 329-345' unit	306	10.5' 95								
314	is light colored beds (low carbon) intercalated with ~~USMS~~ Black Mudstone black rx	1 2 1		2				70			310–320					315	99								
Box 14	100.M - 100.3M ~~328-329'~~ Low carbon bed.	2+		3	Rock			75	60		320–330					325	99								
	~~329'-345'~~ 100.3m - 105 m similar to 245'-303' unit ~~(USMS)~~ Blk mudstone but also with ½-2.5mm angular clasts qtz-feldspar - and low	2+		3	B				50		330–340				Bedding rotated into clv locally (ie no ls-clv interference)	336	=10ft 95								

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica-Ind.(3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Footage	Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	SAMPLE No.	Pb	Zn	Ag		Pb + Zn	Zn/Pb RATIO
also contains few carbon [illegible] units similar to 30[illegible]'-32[illegible]' section.	2[illegible]		3[illegible]	[illegible]						340		dissem pyrite in Black BSMS equivalent but in low carbon sections	3[illegible]	pyrite [illegible] rock. END HOLE 345'	345	40% [illegible]								
										350				DIP TAKEN IN RODS WITH [illegible] TEST -- NO READING										
										360														
										370														
										380														
										390														
										400														
										410														

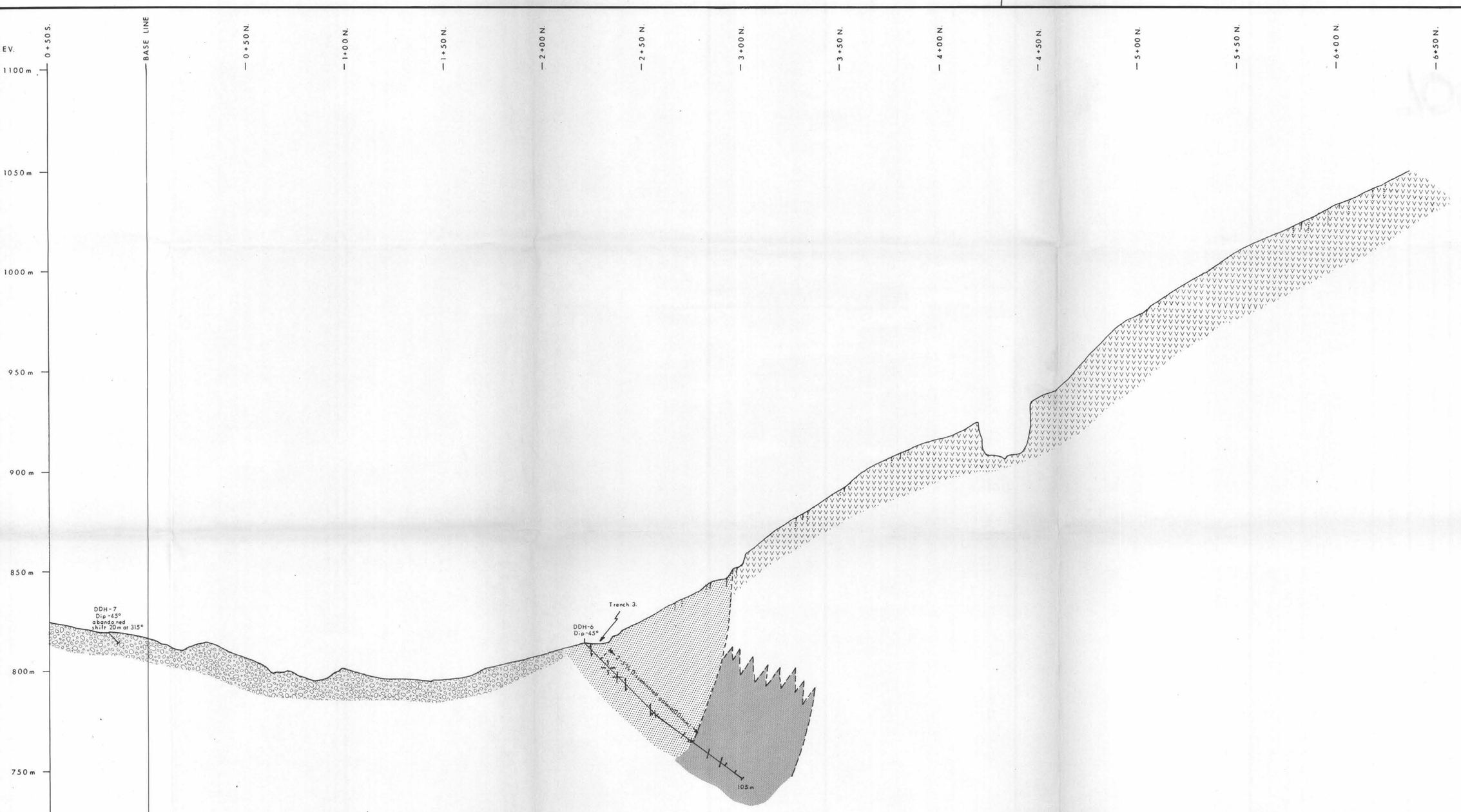
CANEX PLACER LIMITED

N.T.S. MAP GRID: 94 G 11 E
LOCATION: STANAMUS/INDIAN R. BEARING: 045° collar; LATITUDE: 5498 571 N 04155 (Metric) PROPERTY: HOPKINS V159 HOLE No.: DDH 7
DATE COLLARED: 2 NOVEMBER 1978 LENGTH: 41 feet 12.4 Meters DEPARTURE: 497 497 E (14655 Metric) CORE SIZE: BQ WL SHEET No.: 1 of 1
DATE COMPLETED: 3 NOVEMBER 1978 DIP: 045 @ collar; ELEVATION: 820 Meters. SCALE OF LOG: 1 inch = 10 feet LOGGED BY: A. B. CLENDENAN
DATE: 3 NOVEMBER 1978

ROCK TYPE AND TEXTURES	Carb. (3)	Carbonate %	Silica - ind (3)	Cements	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG: Rock Type Structure	GRAPHIC LOG: Footage	GRAPHIC LOG: Mineralization Type (6)	SULPHIDE MINERALIZATION	Est. Grade	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY: SAMPLE No.	ASSAY: Pb	ASSAY: Zn	ASSAY: Ag	ASSAY:	ASSAY: Pb + Zn	ASSAY: Zn/Pb RATIO
No bedrock. Casing 0 – 41 feet. Drilled ahead encountering caving conditions. Winter Snow Started										10														
3 November 1978.										20														
										30														
										40														
										50				END HOLE 41 feet. 12.4 Meters										
										60														

7047

DDH-5
DDH-1
PORTAL
DDH-2,3
DDH-6
DDH-4
DDH-7
WAR EAGLE
Road
RIVER
STAWAMUS
INDIAN
0 100 200 300 400 500
METRES
NOTE: WAR EAGLE CLAIM BOUNDARY ESTABLISHED BY B.C.L.S. SURVEY.
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7047
NO.
FIGURE NO. 3
DRAWN: A. D. C.
TRACED: J. L.
N.T.S. 92 G 11 E W
PLACER DEVELOPMENT LIMITED
HOPKINS
WAR EAGLE CLAIM MAP AND DIAMOND DRILL HOLE LOCATIONS
FILE NO. 78-12-V-159-1B-0022
DEC., 1978.



Legend

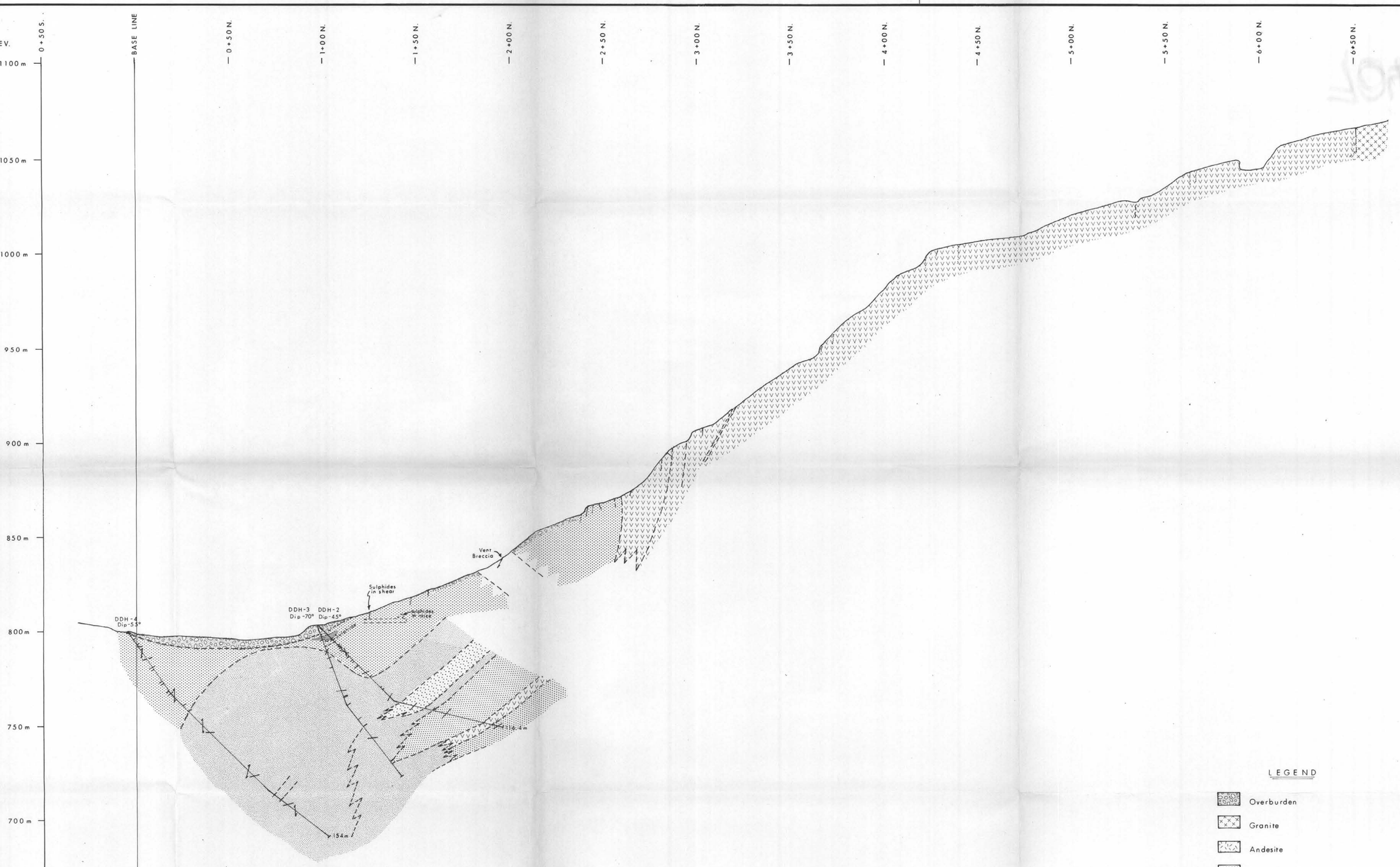
- Bedding; both possible angles
- Cleavage; both possible angles
- Fault; both possible angles
- Assumed correct orientation
- Assumed correct orientation
- Assumed correct orientation
- Contact
- Outcrop

LEGEND

- Overburden
- Granite
- Andesite
- Rhyolite (tuff/flow)
- Black siliceous argillaceous mudstone
- Tuffaceous Rhyolitic Sediments
- Micro agglomerate
- Agglomerate

Figure 4

DRAWN: A.C.	SCALE: 1:1000 metric	PLACER DEVELOPMENT LIMITED	CROSS-SECTION 1+50 E.
TRACED: A.K.	DATE: NOV., 1978	HOPKINS V-159	LOOKING N.E. (315° T.)
APPROVED:	REVISED:		FILE REF. No.: 78-12-V-159-2B-0027



DRAWN: A.C.	SCALE: 1:1000 metric	PLACER DEVELOPMENT LIMITED	CROSS-SECTION 0+10W.
TRACED: A.K.	DATE: NOV., 1978	HOPKINS V-159	LOOKING N.E. (315° T.)
APPROVED:	REVISED:		FILE REF. No.: 78-12-V-159-2B-0026

ELEV.

1100 m

1050 m

1000 m

950 m

900 m

850 m

800 m

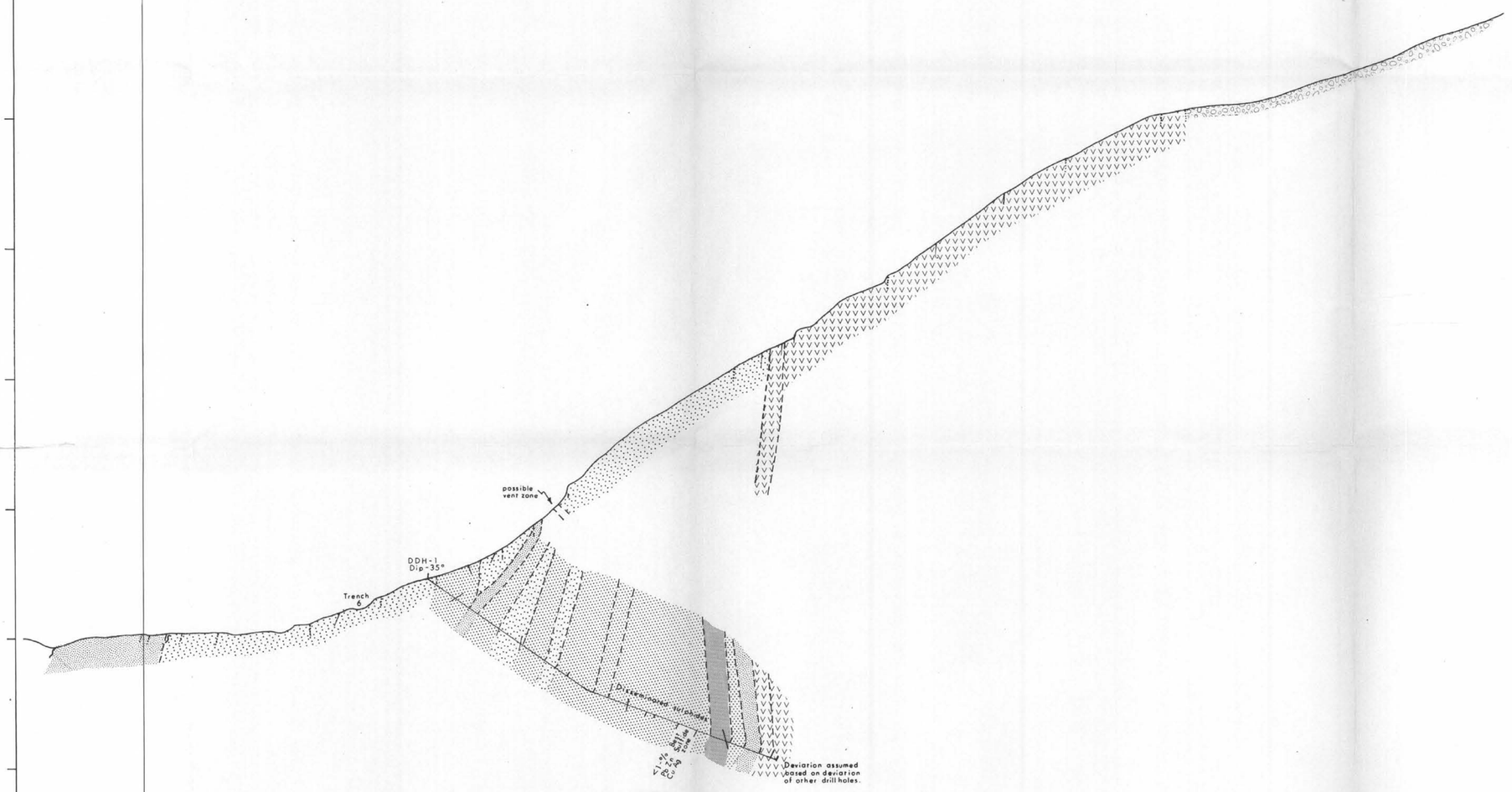
750 m

700 m

650 m

600 m

0+50S. | BASE LINE | 0+50N. | 1+00N. | 1+50N. | 2+00N. | 2+50N. | 3+00N. | 3+50N. | 4+00N. | 4+50N. | 5+00N. | 5+50N. | 6+00N. | 6+50N. | 7+00N. | ELEV.



Legend

- Bedding; both possible angles — Assumed correct orientation
- Cleavage; both possible angles — Assumed correct orientation
- Fault; both possible angles — Assumed correct orientation
- Contact
- Outcrop

LEGEND

- Overburden
- Granite
- Andesite
- Rhyolite (tuff/flow)
- Black siliceous argillaceous mudstone
- Tuffaceous Rhyolitic Sediments
- Micro agglomerate
- Agglomerate

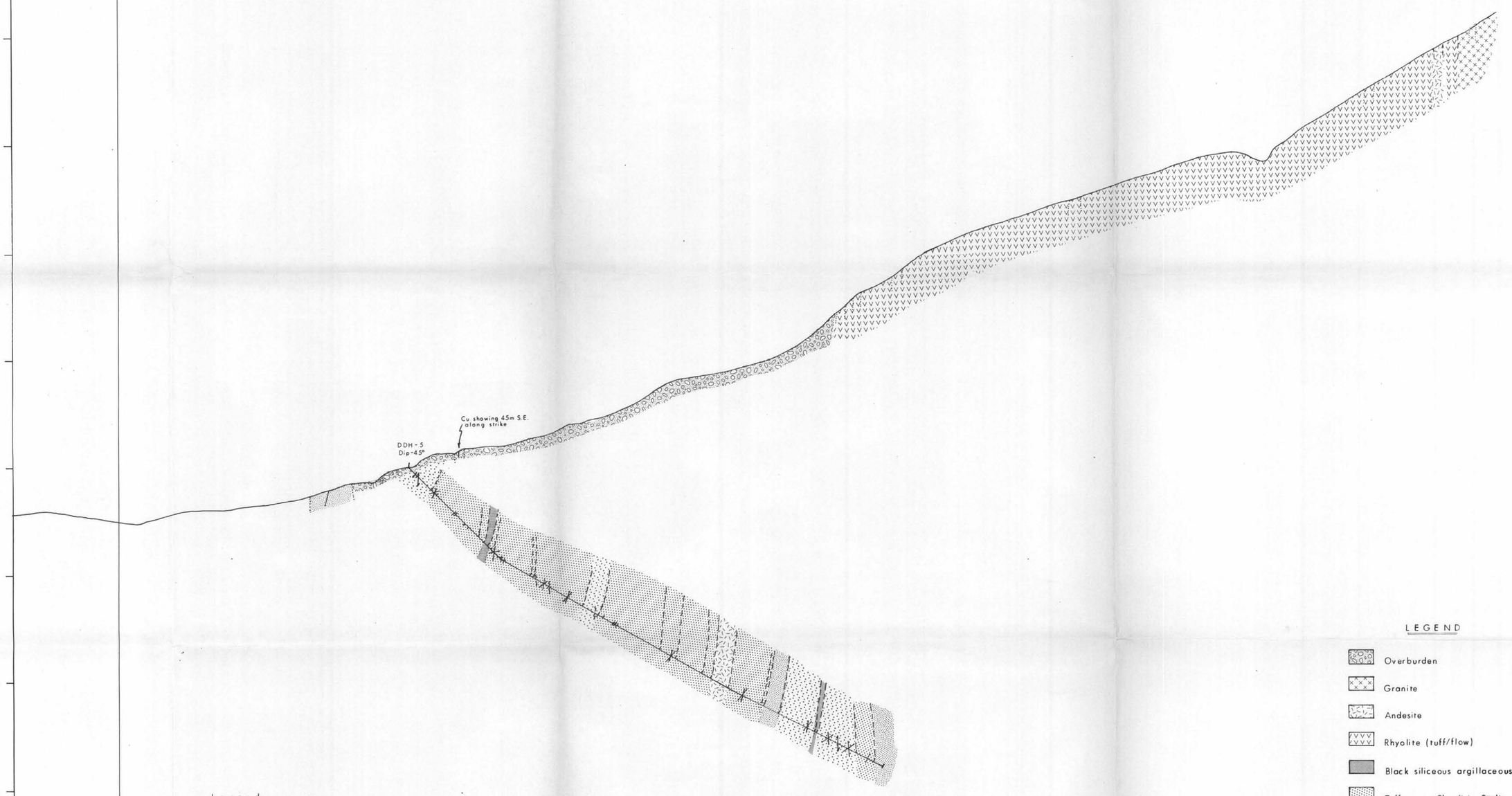
Figure 6

DRAWN: A.C.	SCALE: 1:1000 metric	PLACER DEVELOPMENT LIMITED	CROSS-SECTION 1+65 W.
TRACED: A.K.	DATE: NOV., 1978	HOPKINS V-159	LOOKING N.E. (315° T.)
APPROVED:	REVISED:		FILE REF. No.: 78-12-V-159-2B-0025

ELEV.

0+50 S. | BASE LINE | 0+50 N. | 1+00 N. | 1+50 N. | 2+00 N. | 2+50 N. | 3+00 N. | 3+50 N. | 4+00 N. | 4+50 N. | 5+00 N. | 5+50 N. | 6+00 N. | 6+50 N. | 7+00 N.

1100 m
1050 m
1000 m
950 m
900 m
850 m
800 m
750 m
700 m
650 m
600 m



Legend

- Bedding; both possible angles — Assumed correct orientation
- Cleavage; both possible angles — Assumed correct orientation
- Fault; both possible angles — Assumed correct orientation
- Contact
- Outcrop

LEGEND

- Overburden
- Granite
- Andesite
- Rhyolite (tuff/flow)
- Black siliceous argillaceous mudstone
- Tuffaceous Rhyolitic Sediments
- Micro agglomerate
- Agglomerate

Figure 7

DRAWN: A.C.	SCALE: 1:1000 metric	PLACER DEVELOPMENT LIMITED	CROSS-SECTION 3+75 W.
TRACED: A.K.	DATE: NOV., 1978	HOPKINS V-159	LOOKING N.E. (315° T.)
APPROVED:	REVISED:		FILE REF. No.: 78-12-V-159-2B-0024