MAP NO: 106C\13

ASSESSMENT REPORT: X

DOCUMENT NO: 093222

PROSPECTUS:

MINING DISTRICT: MAYO

CONFIDENTIAL: X

TYPE OF WORK: DIAMOND DRILLING

OPEN FILE:

REPORT FILED UNDER: PAMICON DEVELOPMENTS

DATE PERFORMED: JUNE 29-JULY 2, 1994

DATE FILED: OCTOBER 21, 1994

LATITUDE: UTM 7192315N

AREA: FAIRCHILD LAKE

LONGITUDE: UTM 553769E

VALUE:

CLAIM NAME AND #: OLYMPIC 42,45 AND 60

WORK DONE BY: DAVE CAULFIELD

WORK DONE FOR: PAMICON/NEWMONT/WESTMIN JOINT VENTURE

DATE TO GOOD STANDING	

REMARKS: DIAMOND DRILL LOG FOR HOLES # OY94-1,2,3,4 ON THE OLYMPIC 42,45 AND 60 CLAIM. ASSAYED FOR CU,CO,AU,AG AND MEASURED FOR MAGNETIC SUSCEPTIBILITY (SI UNITS * 10^{-5}) AND COUNTS PER SECOND WITH A SCINTELOMETER. NO VALUES OVER 1% CU INTERSECTED IN WERNECKE BRECCIAS.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 3 Nov. 94

TRANSMITTAL FORM

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS NOV 08 1994 WHITEHORSE YUKON TERRITORY

From ▶ Mining Recorder at: Mayo

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☑ DIAMOND DRILL LOGS — Claims: Olympic Group. — Claim sheet no.: 106-C-13
- ☐ QUARTZ ASSESSMENT REPORT — Claims — Claim sheet no.

Type of report — Submitted by

Cls. work performed on — $ req. for ren. application

Please return one copy of numbered report and Index card for our files. Thank you.

Graham
Signature

Date returned

REPLY ACTION

Signature

802-37 (7-88)

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: OLYMPIC	GROUND ELEV.: 1360 m
HOLE NO.: OY94-1	BEARING: 270°
LOCATION: ATHENS GRID 5745N, 14922E; CLAIM OLYMPIC 45; UTM 7,192,315N, 553768E	DIP: -47°
	TOTAL LENGTH: 154.8 m
LOGGED BY: D. A. CAULFIELD	HORIZONTAL PROJECT
DATE: JULY 2-5, 1994	VERTICAL PROJECT
CONTRACTOR: FALCON DRILLING.	
CORE SIZE: NTW	
DATE STARTED: JUNE 29, 1994	
DATE COMPLETED: JULY 2, 1994	
DIP TESTS: 4.6m B ∠ 286° D ∠ -48°; 152.4m B ∠ 282° D ∠ -47.5°	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

Drilled to test bornite mineralization in heterolithic breccia → Bht6 phase intense KF, CB alteration. Hole collared in dolomite homolithic breccia; contact of Bhm flatten and was not penetrated before hole shut down. Hole was collared in rock face – no casing.

Sperry Sun bearing is not consistent with hole alignment (270°). Problems with Sperry Sun? Dip is okay.

All core is stored at Copper Point air strip on the Slab 153 mineral claim (106D/16).

LEGEND

ABBREVIATIONS

Rock TYPES

Bhm - Homolithic breccia

ALTERATION MINERALS

CB - Iron carbonate
KF - Potassium feldspar
HS - Specular hematite
SE - Sericite
CA - calcite

SULPHIDE MINERALS

CP - Chalcopyrite
BO - Bornite
PY - Pyrite

PAGE 1 OF 8 ± 3% conv. error | PROJECT: OLYMPIC | HOLE NO. OY 94 - 1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
0			FeCB rhombs 0 – 154.8	Homolithic breccia (Bhm) – light grey to								
2.4	92		0° Qz-CB x-cut 85°	pink (frags) colour; framework supported,								75
	97			variable fragment size – 5mm – 30cm, rotated,								87
5	5.5	Bhm	45° CB-Qz-HS v.	very angular to angular – silty thinly (1-5mm) laminated calcareous (breakdown of FeCB) dolomitic; light pink								
	100			KF alt^n of coarser horizons; box-folding,								70
8.5				microfracturing, warping of laminae; FeCB,								
10	100			DD?; CA alt^n of matrix (finely brecciated (2mm) DL frags.); vuggs; microveinlets of								97
11.6				FeCB; Qz; HS & m KF (>5 veinlets (1cm)								
	100		60° CB, NE	brown FeCB staining bleeding out from water courses, FeCB rhombs in								100
14.6				areas of higher % matrix; finely								
15				disseminated HS in coarse DL horizons								
	97		45° ½cm CB v. CA	w/ coarser flaky HS in Qz-CB matrix,								90
17.7				veinlets; earthy HE coatings in vuggs.								
	100		BO Zone tr.-0.5% Bo tr. MC, NE CC?, HE	14.6 – 25.2 – BO zone – weak KF, CB								97
20				alt^n; pitted vuggy texture; MC, NE,								
20.7			1-2% HS w. KF, CB.	HE coatings in vuggs / fracture								
	94			surfaces.; stronger brecciat^n, rotation								90
23.8				of fragments. – matrix supported in								
25				sections, KF alt^n of clasts & matrix								
	100		tr. digs. CB, MC Az, NE	secondary earthy red HE after Cu. coating								90
26.8				vuggs								
	97	Bhm		25.2 – decrease in KF alt^n, light grey to								87
29.9				green colouration – pervasive SE?, spotted								
30				KF alt^n & preferentially alt^d in coarse laminae								
				28.9 → decrease in calcareous content								
	100		45° CB-Qz v.	of Bhm downhole.								90
32.9			60° 1cm Qz-CB									
	97		60°									90
35			50% 1cm - Qz-CB v. crackle CB veining									
36.0												
	100		10° CB v.									100
39.0			40° CB v.									
40	97		10° CB v.									93
42.1												
	97											90
45	45.1		45° CB.									

PAGE 2 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	Co ppm	Au ppb	Ag ppb	MAG. SUS. SI units X10⁻⁵	SCINT CPS
		0.0	1.0	1.0	936351	2	25	65	<0.2		
		1.0	2.5	1.5	352	3	23	<5	<0.2		
		2.5	4.0	1.5	353	30	25	<5	<0.2		
		4.0	5.5	1.5	354	4	23	<5	<0.2		
										15-20	60-70
		5.5	7.0	1.5	355	31	17	<5	<0.2		
		7.0	8.5	1.5	356	48	10	<5	<0.2		
		8.5	10.0	1.5	357	7	15	<5	<0.2		
		10.0	11.5	1.5	358	12	18	<5	<0.2		
		11.5	13.0	1.5	359	4	19	<5	<0.2		
		13.0	14.6	1.6	936360	12	21	<5	<0.2		
											70-80
		14.6	16.4	1.8	61	998	21	<5	0.2		
14.6-16.4, 17.2-18.2, 21.0-25.2 - 0.5% Bo											
disseminated in matrix of bx, ; in		16.4	17.2	0.8	62	1090	18	<5	<0.2		
x-cutting CA, CB veinlets, assoc. w/ KF, CB.		17.2	18.2	1.0	63	379	16	<5	<0.2		
Bo → NE, MC → HE		18.2	19.7	1.5	64	74	21	<5	<0.2		
tr. Bo, MC in intervening runs.		19.7	21.0	1.3	65	20	21	<5	<0.2		
		21.0	22.5	1.5	66	258	18	<5	<0.2		
		22.5	24.0	1.5	67	505	24	<5	<0.2		
		24.0	25.2	1.2	68	592	22	<5	<0.2		
25.5 CP, MC in CB veinlet		25.2	26.7	1.5	69	261	27	<5	<0.2		
25.7 diss. CP (tr.), spots MC, NE on fractures.		26.7	28.2	1.5	936370	98	24	<5	<0.2		
26.0 tr. CP, MC, NE		Newmont Standard			SB210	936371	37	14	40	1.2	
32.1 tr. Mc		28.2	29.7	1.5	72	291	30	<5	<0.2		
32.7 tr. CP		29.7	31.2	1.5	73	10	28	<5	<0.2		
		31.2	32.7	1.5	74	22	26	<5	<0.2		
		32.7	34.2	1.5	75	17	27	<5	<0.2		
		34.2	35.7	1.5	76	9	24	<5	<0.2		
		35.7	37.2	1.5	77	1	25	<5	<0.2		
		37.2	38.7	1.5	78	2	25	<5	<0.2		
		38.7	39.2	0.5	79	2	22	<5	<0.2		
		39.2	40.7	1.5	936380	4	23	<5	<0.2		
		40.7	42.2	1.5	81	2	21	<5	<0.2		
		42.2	43.7	1.5	82	3	21	<5	<0.2		
		43.7	45.2	1.5	83	1	19	<5	<0.2		

PAGE 3 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
45.1		Bhm	70° CB v.									
	100		45° Bx-CB matrix									94
48.2			40° CA fracture w cat bx.									
			45° CA v.									
50	97			50.1 - 52.6 - large laminated silty DL frag.								87
51.2				preferential microfracturing in coarse-grained								
	94			laminae, KF alt^n in some horizons.								94
			55° QZ-CB									
54.3				54.5 - 61.0 - series of QZ-CB±CA								
55	100		6cm QZ-CB 75°	veins/veinlets, some of which								93
57.3				contain CP, MC, most are barren.								
	94		3 QZ-CB-CP v. 60°-70°	40°-70° to c.a., minor bleeding of								94
			QZ-CB±BA±HC,CP	increase SE ↓ veining into DL laminae								
60			45° QZ-CB v.+ CP	59.5 - vuggy QZ-CB-BA$_{ht}$, CP, MC								
60.4			68° QZ-CB v.	60.2 - 10.0cm xtalline QZ-CB vein @ 68°								
			60° " "	to c.a.								
	100		90° " "	60.5 5.0 " " " " " " 60°								100
63.4				to c.a.								
65	100			61.0 8.0 " " " " " " 40°-60°								87
			CB matrix	to c.a.								
66.4			0° CB v.	61.0-65.5 darker grey colour due to								
	94		incr. bxtn, HS, fr. SV	increase HS 1-3%, stronger brecciat^n,								81
69.5				more CB-bearing matrix, fr. CP≥PY>>BO.								
70				65.5 to 69.2 - zone of stronger brecciat^n;								
	100			CB alt^n, brecciat^n weakens down								93
72.5				to 75.2 m.								
	97											90
75												
75.6			45° CB	75.2 - 81.2 dark grey colouration - HS ↑								
	100			grain size of HS related to grain								100
78.6			40-45° CB v.	size of sedimentary laminae, diss.								
80	94			PY, CP (0.5%); irregular but sharp								
			70° CB, CA v.	lower contact, low % of matrix.								81
81.1			60° QZ-CB-CA v.	81.2 - 91.3. zone of increased brecciation,								
	97			KF alt^n → imparts light pinkish								81
84.1				cast, 5" core center of KF alt^n								
85			40 1cm CB v.	spots; KF strongest in coarser laminae								
	100		20°	in DL.								90
			45°									
87.8			incr. bxtn									
	100											97
90												
90.8												

PAGE 4 OF 8	PROJECT: OLYMPIC	HOLE NO. OY94-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG Sus. SIunits X10-5	SCINT CPS
		45.2	46.7	1.5	936384	1	20	<5	<0.2		
		46.7	48.2	1.5	85	1	19	<5	<0.2	15-20	70-80
		48.2	49.7	1.5	86	3	20	<5	<0.2		
		49.7	51.2	1.5	87	3	21	<5	<0.2		
		51.2	52.7	1.5	88	2	22	<5	<0.2		
		52.7	54.2	1.5	89	17	92	<5	<0.2		
		54.2	55.7	1.5	936390	57	18	<5	<0.2		
		55.7	57.2	1.5	91	100	24	<5	<0.2		
		57.2	58.7	1.5	92	544	20	<5	<0.2		
58.0 - tr. CP in QZ-CA veinlets		58.7	60.2	1.5	93	676	20	<5	<0.2		
59.5 - CP, MC, in CB QZ, CA vug / vein											
		60.2	61.7	1.5	94	479	21	<5	<0.2		
61.0 - 64.7 tr. - 0.5% disseminated CP > PY, one grain BO noted, 1-3% HS.		61.7	63.2	1.5	95	490	36	<5	<0.2		
		63.2	64.7	1.5	96	193	38	<5	<0.2		
64.7 - 79.7 tr. - 0.5% disseminated PY >> CP		64.7	66.2	1.5	97	171	29	<5	<0.2		
		66.2	67.7	1.5	98	234	28	<5	<0.2		
		67.7	69.2	1.5	99	24	17	<5	<0.2		
		69.2	70.7	1.5	936400	99	18	<5	<0.2		
		70.7	72.2	1.5	01	106	44	<5	<0.2		
		72.2	73.7	1.5	02	209	52	<5	<0.2		
		73.7	75.2	1.5	03	45	57	<5	<0.2		
		75.2	76.7	1.5	04	340	53	<5	<0.2		
76.5 - 1% CP in CB a 1+2 = 8cm		76.7	78.2	1.5	05	32	64	<5	<0.2	10-15	
		78.2	79.7	1.5	06	139	65	<5	<0.2		
79.7 - 90.3 tr. - 0.5% disseminated CP > PY, 5" core KF spots individual grains		79.7	81.2	1.5	07	632	33	<5	<0.2		
		81.2	82.7	1.5	08	144	19	<5	<0.2		
		82.7	84.2	1.5	09	56	17	<5	<0.2		
		84.2	85.7	1.5	936410	37	18	<5	<0.2		
		85.7	87.2	1.5	11	323	19	<5	<0.2		
		87.2	88.7	1.5	12	353	18	<5	<0.2		
		88.7	90.2	1.5	13	45	17	<5	<0.2		

PAGE 5 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	RQD
90.8–93.9	97	Bhm	spotted KF (1-2mm) alt^n; 40° CB-CL v.	90
93.9–96.0	95	weak 6xt^n		84
96.0–96.9	89			71
96.9–100.0	94		70°; 45° water course QZ-CB-weathered CA	81
100.0–103.0	100	strong 6xt^n	SE+trCP; 80° QZ-CB v.'s; 40° " "; 50° " " v., 1cm.	103
103.0–106.0	97			90
106.0–109.1	94	1cm CB SE-HE	crackled water course-CA; 45° CB v.; 10°; 40°; crackled m. KF zone, CB on fracts.	82
109.1–112.2	97		15° CB, SE v.; CB-QZ dilational fracts.	86
112.2–114.3	100			93
114.3–117.3	100		50-60° QZ-CB v.; 40° 1cm QZ-CB-HE; 55° CB-QZ	87
117.3–118.9	92		15° QZ-CB; 55° QZ-CB v.	92
118.9–121.3	100		10° CB-HE; 40° CB v.	100
121.3–124.4	97		35° dil. CB; 70° 2-1cm QZ-CB	97
124.4–127.4	100		45°-50° dil. CB v.	98
127.4–130.5	N/A	incr. 6xt^n	80° sheared QZ-CB-CL	93
130.5–133.5	N/A		60° 1.0cm CB-QZ	78
133.5–	N/A			

SPLIT CORE BOX 31

GEOLOGICAL DESCRIPTION

91.3-97.8 - weak brecciat^n, weak KF alt^n as spotted diffuse grains, clasts, light pinkish grey colouration, thinly laminat^d silty DL clasts, close packing of fragments - angular; internal micro-offsets of laminae within fragments. lower contact @ 70° to c.a., upper - irregular.

97.8-105.0 - stronger brecciat^n with greater rotation of clasts, slightly greater rounding with higher %age matrix - with KF↑ CB↑; abdt. finely crushed fragments; pinkish grey colour. QZ-CB veinlets cut zone @ 40°-70° to c.a., average clast size 2-3 cm., CA development on weathered fractures. → Breakdown of CB. 97.8 → dk. green SE (CL?) development (coarse-grained) in 6x. matrix

105.0-127.1 - pale grey-green Bhm, overall weaker 6xt^n although short sect^ns. of matrix-supported 6xt^n; matrix consists of dk. green, flaky SE? QZ: CB, KF alt^n more restricted to clasts except for sect^n 107.7-110.3

127.1-130.7 - slightly increased 6xt^n QZ-CB-SE (dk. greenish colour, possibly CL?) matrix w/. 1-3% HS (coarse flakes)

129.7-134.1 - Box 31 - core spilt in core carrier, probably 30-40cm lost core

PAGE 6 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG sus SI units X10^{-5}	SCINT CPS
90.3- 135.1 - very rare PY grain		90.2	91.7	1.5	936414	26	17	<5	<0.2	10-15	60-70
*91.9- tr. CP w/ QZ/CB veinlet.		91.7	93.2	1.5	15	16	16	<5	<0.2		
		Newmont Std.		G02	936416	123	6	425	1.6		
		93.2	94.7	1.5	17	12	12	<5	<0.2		
		94.7	96.2	1.5	18	26	17	<5	<0.2		
		96.2	97.7	1.5	19	33	17	<5	<0.2		
		97.7	99.2	1.5	936420	37	15	<5	<0.2		
		99.2	100.7	1.5	21	19	15	<5	<0.2		
		100.7	102.2	1.5	22	13	16	<5	<0.2		
		102.2	103.7	1.5	23	18	15	<5	<0.2		July 5
		103.7	105.2	1.5	24	22	15	<5	<0.2		70-80
		105.2	106.7	1.5	25	29	14	<5	<0.2		
		106.7	107.7	1.0	26	59	13	<5	<0.2		
		107.7	109.6	1.8	27	41	14	<5	<0.2		
		109.6	110.3	0.7	28	35	12	<5	<0.2		
		110.3	111.8	1.5	29	36	21	<5	<0.2		
		111.8	113.3	1.5	936430	9	18	<5	<0.2		
		113.3	114.8	1.5	31	1	15	<5	<0.2		
		114.8	116.3	1.5	32	2	22	<5	<0.2		
		116.3	117.8	1.5	33	2	16	<5	<0.2		
		117.8	119.3	1.5	34	2	21	<5	<0.2		
		119.3	120.8	1.5	35	1	19	<5	<0.2		
		120.8	122.3	1.5	36	2	24	<5	<0.2		
		122.3	123.8	1.5	37	1	18	<5	<0.2		
		123.8	125.3	1.5	38	1	18	<5	<0.2		
		125.3	126.8	1.5	39	<1	21	<5	<0.2		
		126.8	128.3	1.5	936440	1	19	<5	<0.2		
		128.3	129.7	1.4	41	6	15	<5	<0.2		
129.7 - 134.1 - Split core		129.7*	131.9*	2.2*	42	1	17	<5	<0.2		
		131.9*	134.1*	2.2*	43	1	17	<5	<0.2		

PAGE 7 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-1

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
	N/A	Bhm		130.7 - 152.4 - weaker brecciated Bhm, low % HS, wk. KF, some clasts > 1.0m., typical CB>QZ veins/veinlets as found throughout hole.								
136.6			3° CB									62
	100		80°-60° QZ-CB v.									90
			40° CB-CL v.									
140 139.6												
	100		60° 1cm QZ-CB v.									97
			70° 60° 1cm QZ-CB v.									
142.6			70° QZ-CB v.									
	97		50° 5cm QZ-CB									94
			50° 2-1cm QZ-CB									
145 145.7												
	97			149.1, 152.2, 154.3 - CB>QZ veins +/-								94
148.7			60° 27cm QZ-CB-HE-CA-GE v. wide course CA.	CB weathering → GE, CA. dark chocolate brown colour.								
150	97											87
151.8			70° 45° zone 15cm QZ-CB-GE v. wide course CA	152.4 - 154.3 moderate KF, SE alt°, mod. CB veining, pinkish-green cast to core								
	100		65° 6cm QZ-CB-GE-CA wide course	154.3 - 154.8 EOH - slight increase in HS, KF, CB↓								80
154.8 EOH												

PAGE 8 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG SUS. SIunits X10⁻⁵	SCINT. CPS
		134.1	135.6	1.5	936444	1	20	<5	<0.2	10-15	60-80
131.5 - 152.4 vcnyware. 5" - PY		135.6	137.1	1.5	45	1	20	<5	<0.2		
grain		137.1	138.6	1.5	46	2	19	<5	<0.2		
		138.6	140.1	1.5	47	1	17	<5	<0.2		
		140.1	141.6	1.5	48	4	13	<5	<0.2		
		141.6	143.1	1.5	49	12	15	<5	<0.2		
		Newmont	Standard.	SOT11	936450	32	11	290	0.4		
		143.1	144.6	1.5	51	18	16	<5	<0.2		
		144.6	146.1	1.5	52	7	16	<5	<0.2		
		146.1	147.6	1.5	53	22	16	<5	<0.2		
		147.6	149.1	1.5	54	41	17	<5	<0.2		
		149.1	150.6	1.5	55	56	16	<5	<0.2		
		150.6	152.4	1.8	56	90	17	<5	<0.2		
153.5 - tr. CP, BO.		152.4	154.3	1.9	57	100	15	<5	<0.2		
154.5 - tr. CP											
		154.3	154.8	0.5	936458	55	17	<5	<0.2		

PAMICON DEVELOPMENTS LIMITED

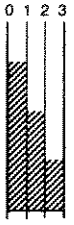
DRILL LOG

PROJECT: OLYMPIC	GROUND ELEV.: 1280
HOLE NO.: OY94-2	BEARING: 270°
LOCATION: ATHENS GRID 5872N, 1521OE; CLAIM OLYMPIC 60; UTM 7192260N 554069E	DIP: -47°
	TOTAL LENGTH: 200.6 m
LOGGED BY: D. A. CAULFIELD	HORIZONTAL PROJECT:
DATE: JULY 5- ,1994	VERTICAL PROJECT:
CONTRACTOR: FALCON DRILLING.	
CORE SIZE: NTW	
DATE STARTED: JULY 2, 1994	
DATE COMPLETED: JULY 4, 1994	

DIP TESTS

19.8m	B∠ 281°	D∠ -46.25°
99.1m	B∠ 282°	D∠ -46.5°
199.6m	B∠ 282°	D∠ -45.25°

ALTERATION SCALE



absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

Hole drilled to test 1993 I.P. target @ L59+00N, 151+50E and Bhta/Bhm/DL contacts. I.P anomaly caused by thinly laminated graphitic SLST/MDST. Drillers started coring @ 8.5m, casing drilled to 12.2m.

Bearing of collar 270° which is not consistent with Sperry Sun — problems with S.S? Dip is okay.

Kelly Owenko recorded core recovery % and RQD from 162.5 to EOH.

All core is stored at Copper Point air strip on the Slab 153 mineral claim (106D/16)

LEGEND

ABBREVIATIONS

ROCK TYPES

SLST - Siltstone
MDST - Mudstone
Bhm - Homolithic breccia
$Bhta_1$ - Heterolithic breccia variable clast type
$Bhta_2$ - Heterolithic breccia dominant clast type
Bhtb - Heterolithic microbreccia
DL - Dolomite

ALTERATION MINERALS

CB - Ironcarbonate
KF - Potassium feldspar
SE - Sericite
CA - Calcite
MG - Magnetite
HS - Specular hematite

SULPHIDE MINERALS

CP - chalcopyrite, PY - Pyrite
BO - bornite

PAGE 1 OF 10	PROJECT: OLYMPIC	HOLE NO. OY94-2

Depth (m)	% Core Rec	RQD
0 – 8.5		
8.5 – 9.1	83	17
9.1 – 11.6	52	20
11.6 – 12.5	78	0
12.5 – 14.6	95	62
14.6 – 16.5	52	11
16.5 – 19.5	87	33
19.5 – 20.7	58	17
20.7 – 23.7	87	60
23.7 – 26.8	97	65
26.8 – 29.9	97	94
29.9 – 32.9	103	100
32.9 – 36.0	100	81
36.0 – 39.0	100	87
39.0 – 42	98	87
42 – 45.1	95	77

Lithology: DL; MDST/SLST

Structure:
- 45° CB-CP v.
- 30°-40° 0.5-1.0 cm QZ-CB
- 65° S_0
- s. CB weathering.
- crush zone
- fault zone / extremely broken weathered, gouged zone.
- crackle breccia
- 85° fault gouge
- 85° S_0
- 45°
- 6x^{td} graphite
- 90° 2.0 cm band of CP>PY
- 40° in graphitic/CB slip.
- graphitic shears
- 45° CB v.
- 20° CB-PY v.
- 80° S_0
- 30° CB microfault.
- S_0
- str. graphite.
- 6x^{td} (8mm) crackled
- 70° S_0
- 75° 1cm CB v.
- Overall. CB infill matrix. tr. PY
- 70° CB
- 60° S_0

GEOLOGICAL DESCRIPTION

0 - 8.5 ØVB

8.5 - 23.7 intensely crackled darkish grey dolomite, fractures healed by CB veinlets; CB → GE, CA in well broken areas, multitude of CB fracture directions, dominant QZ-CB v. → 30°-40° to c.a.; degree of fault gouge, crushing, crackling from 16.9 - 23.7. DL is mostly massive with several brownish-grey silty horizon; QZ-CB cut more abdt. CB veinlets / fracture fillings; muddy sect^{ns} are extremely calcareous.

19.5 - 23.7 - fault zone

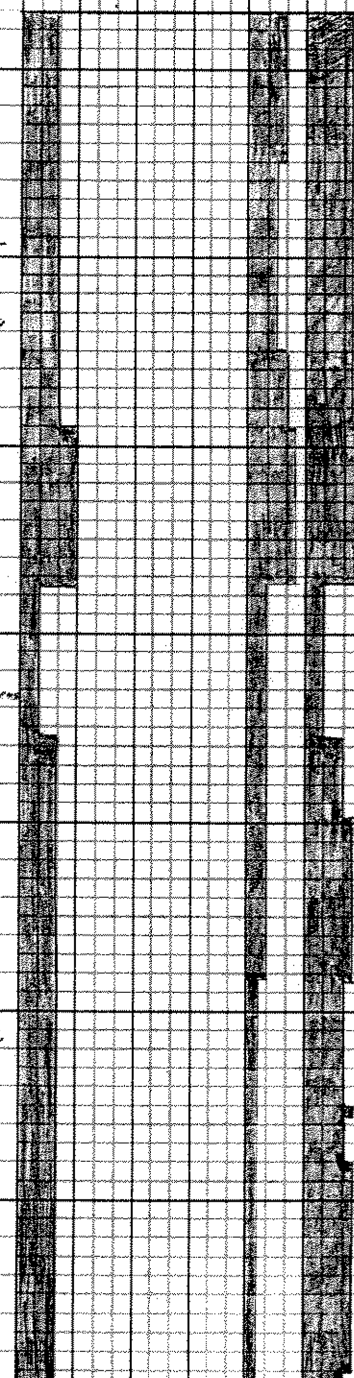
Water dissolution of CB near contact gives lattice texture to core.

23.7 - fault gouge, lower contact @ 85° to c.a.

23.7 - 66.0 light to dark grey-black, thinly laminated SLST/MDST, calcareous, carbonaceous laminae 1mm to >3cm; microfractured, CB veined to insipient brecciatⁿ, load casts? tops ↑?; bedding 75° to 85° @ top of section; locally graphitic — strongest development on shear surfaces, 6x § in stylolitic fractures, CB fills breccia matrix and randomly oriented fractures which x-cut breccia; 27.5 - 33.7 v. silicious lens / fragment randomly through section. - Chert; 6x^{td} strongest in light grey horizons; graphite in dark black layers, strongest from 26.8 to 58.9.

42.0 - 42.3 greyish-black chert frags. in 6x^{td} MDST/SLST.

ALTERATION: CB (A), KF (B), HS (C), SE (D), CA (E); FRACTURE INTENSITY; % VEIN QTZ.; RQD



PAGE 2 OF 10	PROJECT: OLYMPIC	HOLE NO. OY94-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. SUS SI units X10⁻⁵	SCINT CPS
9.7 - tr. CP in CB v.		8.5	10.0	1.5	936459	253	10	<5	<0.2	10-15	40-60
		10.0	11.6	1.6	936460	146	4	<5	<0.2		
		11.6	12.5	0.9	61	229	8	<5	<0.2		
		12.5	14.0	1.5	62	508	6	<5	<0.2		
		14.0	15.5	1.5	63	18	1	<5	<0.2		
		15.5	17.0	1.5	64	11	2	<5	<0.2		
		17.0	18.5	1.5	65	23	4	<5	<0.2		
		18.5	20.0	1.5	66	15	2	<5	<0.2		
		20.0	21.5	1.5	67	19	1	<5	<0.2		
		21.5	23.0	1.5	68	62	3	<5	<0.2		
		23.0	23.7	0.7	69	86	5	<5	<0.2	5-10	
		23.7	25.2	1.5	936470	6	<1	<5	<0.2		
		25.2	26.7	1.5	71	7	<1	<5	<0.2		
25.7 - tr. PY in CB v.		26.7	28.2	1.5	72	12	1	<5	<0.2		
29.0 - tr. CP		28.2	29.7	1.5	73	35	<1	<5	<0.2	20spike	
29.9 2 cm. blebby band of CP>		29.7	31.2	1.5	74	9650	4	<5	<0.2	5-10	
PY situated along contact		31.2	32.7	1.5	75	110	24	<5	0.4		
between CB-matrix bx. and		32.7	34.2	1.5	76	54	<1	<5	<0.2		
graphitic sheared, bx ± sed:											
40° to c.a.											
33.5 tr. PY in CB v. 30° to c.a.		34.2	35.7	1.5	77	10	<1	<5	<0.2		
36.9 - PY stringer parallel to		35.7	37.2	1.5	78	14	<1	<5	<0.2		
laminae											
38.9 - tr. PY w/ CB in graphitic shear		37.2	38.7	1.5	79	25	2	<5	<0.2		
40.2 - " " " "		38.7	40.2	1.5	936480	13	<1	<5	<0.2		
		40.2	41.7	1.5	81	18	7	<5	<0.2		
42.3 - tr. PY w/ CB.		41.7	43.2	1.5	82	14	<1	<5	<0.2		
		43.2	44.7	1.5	83	18	1	<5	<0.2		
		44.7	46.2	1.5	936484	8	<1	<5	<0.2		

PAGE 3 OF 10 | PROJECT: OLYMPIC | HOLE NO. OY94-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
	97		30° discontin. CB v.									89
48.2		MDST/SLST	75° S_0									
50	100		graphitic shear									93
51.2				51.3 - ± 3-5cm graphitic (highly) breccia, matrix-supported; start of stronger graphite, increased PY.								
	96		crackled, bxtd MDST/SLST									73
54.3												
55	98		75° S_0									70
57.3			65° 3cm CB v. 30° microfaults									
	97		graphite 50° S_0	58.9 - end of strong graphite, transition into weakly carbonaceous and calcareous, thinly laminated MDST/SLST to 66.0m, lower contact @ 80° to c.a., CB fracture filling crackled zones, most CB veinlets								81
60												
60.4			S_0									
	105	MDST/SLST	30°-90° microfaulting									87
63.4			15° S_0									
			45°-60° CB v.									
65	100		incr. fract. 80° S_0									70
66.4				66.0 - 69.7 light grey SLST., weakly calcareous, CB veined, stylolitic fractures, minor graphitic partings/slips.								
	97	grey SLST	stylolite - CB-graph. 45° CB v.									85
69.5			40° S_0									
70				69.7 - 79.5 light grey to dark grey thinly laminated SLST/MDST, microfaulted, crackled to fully rotated frags.; low carbonaceous content, CB veining.								
	98		25° CB v.									82
72.5			40° S_0									
	101	SLST/MDST	25°-50° CB v. offset bedding									87
75												
75.6			S_0									
	100											95
78.6			30-40° CB v.									
			bxtd con 79.5 - 84.0	massive SLST, m. laminated, light grey colour, becoming lighter down hole, dolomitic, first appearance of SE alt° @ 84.1m.								
80	100											97
81.7		SLST	45° CB v. 40° S_0									
	96		hairline 45° microfracture									80
84.1				84.0 - 86.2 massive white DL, in part brecciated								
85	98	DL	45°									77
				86.2 - 96.3 Bhm - Homolithic DL Bx.; drab olive green (s. SE alt°), KF alt° of clasts, subangular clasts, laminae locally folded, KF alt° clasts → up to 9.0cm, s. CB alt° of clasts; comprising matrix								
87.2			45° 2 cm. silt band									
	102	Bhm	70 1cm CB, PV.									97
90	90.2											

PAGE 4 OF 10 | PROJECT: OLYMPIC | HOLE NO. OY94-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG Sus. SI units X10-3	SCINT CPS
45.4 - 45.6 0.5% PY w/ CB, CA, BA?		46.2	47.7	1.5	936485	9	<1	<5	<0.2	10-15	40-60
		47.7	49.2	1.5	86	21	2	<5	<0.2		
49.1. tr. PY w/ CB v. @ 0° to c.a		49.2	50.7	1.5	87	94	8	<5	<0.2		
51.2 - 58.9 tr. - 0.5% PY, tr. CP in		50.7	52.2	1.5	88	54	9	<5	<0.2		
CB veined, fracture fillings		52.2	53.7	1.5	89	60	9	<5	<0.2		
		53.7	55.2	1.5	936490	81	20	<5	<0.2		
		55.2	56.7	1.5	91	304	22	<5	<0.2		
		56.7	58.2	1.5	92	670	15	<5	<0.2		
57.3 - tr. CP > PY		58.2	59.7	1.5	93	354	12	<5	<0.2		
		Newmont	Strd.	MS36	936494	93	9	1060	1.2		
58.9 - 82.7 - trace PY - 61.5, 64.0-64.5,		59.7	61.2	1.5	95	296	10	<5	<0.2		
69.9, 78.1, 81.2		61.2	62.7	1.5	96	489	11	<5	<0.2		
		62.7	64.2	1.5	97	335	13	<5	<0.2		
81.9 - tr. CP.											
		64.2	66.0	1.8	98	169	13	<5	<0.2		
		66.0	67.5	1.5	99	59	2	<5	<0.2		
		67.5	69.0	1.5	936500	76	<1	<5	<0.2		
		69.0	70.5	1.5	01	144	6	<5	<0.2		
		70.5	72.0	1.5	02	50	1	<5	<0.2		
		72.0	73.5	1.5	03	59	2	<5	<0.2		
		73.5	75.0	1.5	04	61	3	<5	<0.2		
		75.0	76.5	1.5	05	55	2	<5	<0.2		
		76.5	78.0	1.5	06	115	3	<5	<0.2		
		78.0	79.5	1.5	07	118	6	<5	<0.2		
		79.5	81.0	1.5	08	73	4	<5	<0.2		
		81.0	82.5	1.5	09	149	10	<5	<0.2	15-20	
82.7 - 84.6 - tr. diss. CP		82.5	84.0	1.5	936510	414	26	<5	<0.2		
83.9 - MC											
84.6 - 90.7 tr. - 0.5% CP, disseminated		84.0	86.2	2.2	11	320	71	<5	<0.2		
& in CB v., tr. PY @ bottom of run		86.2	87.7	1.5	12	351	8	<5	<0.2	25-40	60-80
		87.7	89.2	1.5	13	1305	7	<5	<0.2		
88.7 - 1 cm CB v. w/ 1% CP @ 70° to c.a		89.2	90.7	1.5	936514	833	13	<5	<0.2		

PAGE 5 OF 10 | PROJECT: OLYMPIC | HOLE NO. OY94-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
			65°- CBv. w/CP	90.7-93.3 - tr. diss. MG.								
	100		45° CBv.									100
		Bhm										
93.3			45° CBv.									
			40° CB, v., PY									
95			70° 1cm. QZ-CBv.									97
	103		45°	96.3-107.1 light grey-green brecciat^d, crackled DL								
96.3												
96.9	108		stockwork CB	diffuse vein/clast boundaries, upper								108
			85° QZ-CB v.	contact 45° to c.a.; CB veins/fract.								
	97			fillings - irregular and diffuse; m. QZ-								84
100	100		75° CB v.	CB veins, SE concentrated in fractures &								
				around clasts.								
	98	DL										75
103			crackled. CB matrix.									
			"									
105	97											87
			50° water course CB, CA, GE	107.1- faulted contact								
106.1												
	93			107.1-109.1 variable coloured Heterolithic Breccia								60
108.2		Bhta		Bhta, green-SE, pink-KF, purple-								
			70°	HE & HS alt^{ns}; matrix-supported,								
110	87			subrounded to subangular clasts, average								70
		Bhm		< 2.0 cm, up to 4.0 cm, 5 CB alt^n								
111.2			70° CB v.	upper & lower contact 70° to c.a.								
	97		45°	109.1-112.1 Homolithic DL Breccia Bhm, light								11
		Bhta$_1$	45°	green to pink, sharp lower contact, SE, KF alt^n								
114.3				112.1-116.1 Bhta$_1$ - mottled grey-grn-pink, KF, SE								
115	103		45°-60° CB v.	alt^d clasts & alt^n envelopes, unsorted.								68
		Bhta$_2$	80°	116.1-117.1 Bhta$_2$ - purplish grey mudstone dominated								
117.3			40°	heterolithic breccia, & pervasive HS alt^n;								
	93	Bhta$_1$		117.1-120.4 Bhta$_1$ - as above, variable clast types-								70
			50° mass. HS, streaming of clasts.	purplish-grey MDST, KF alt^d DL, 118.4- pebbly SST. CB, KF alt^d								
120	120.1		60°	120.4-122.2 Bhta$_2$ - as above. 121.2- HS banded								
	103	Bhta$_2$		clast.								89
			65°	122.2-122.8 Bh ta$_1$								
123.1		Bhta$_1$	45°									
				122.8-135.2 Bhta$_2$ - purplish grey, MDST dominat^d								
125	94			heterolithic breccia, CB forms coarse								63
				felted appearance, other frags →								
126.2				red silicious jasper & laminated DL.								
	96	Bhta$_2$		HS finely diss. through frags, coarse								96
127.4				bladed HS in CB-rich alt^n								
	97		45° Bhta$_1$									94
130												
130.5												
	100											95
133.5												
135	100											80

PAGE 6 OF 10 | PROJECT: OLYMPIC | HOLE NO. OY94-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. Sus. SI units X10-5	SCINT CPS
90.6 - tr. Bo, CP		90.7	92.2	1.5	936515	78	38	<5	<0.2	25-40	60-80
Cu S" seem to be controlled by										40+60	
presence of KF alt".		92.2	93.7	1.5	16	136	56	<5	<0.2	170+300 spikes	
90.7-96.3 - 0.5-1% diss. & fract.		93.7	95.2	1.5	17	56	32	<5	<0.2		
controlled PY, ≤ SE.										15-20	
		95.2	96.3	1.1	18	29	99	<5	<0.2		
96.3-108.3 - tr. diss. PY - often		96.3	97.8	1.5	19	8	14	<5	<0.2	25-30	
euhedral grains → strongest w/SE		97.8	99.3	1.5	936520	2	26	<5	<0.2		
97.2 - tr. CP w/ QZ-CB vein											40-60
		99.3	100.8	1.5	21	2	17	<5	<0.2		
		100.8	102.3	1.5	22	3	22	<5	<0.2		
		102.3	103.8	1.5	23	2	29	<5	<0.2		
		103.8	105.3	1.5	24	5	16	<5	<0.2		
		105.3	107.1	1.8	25	6	20	<5	<0.2		
											60-80
		107.1	108.1	1.0	26	24	21	<5	<0.2		
108.3-109.1 tr. diss. CP : PY		108.1	109.6	1.5	27	143	20	5	<0.2		
109.1-112.1 0.5-1% diss. PY		109.6	111.1	1.5	28	21	41	10	<0.2	30	
										10-15	
										20-40	
112.1-135.5 tr. - 0.5%, rare 1%		111.1	112.1	1.0	29	31	130	10	<0.2	60-80	100-150
diss. PY.		Newmnt.	Std.	SOT 11	936530	36	41	270	<0.2	40-60	150-175
112.5, 113.4 - CP in CB veinlets.		112.1	113.6	1.5	31	25	25	10	<0.2		
45°, 70° to c.a.		113.6	115.1	1.5	32	8	45	10	<0.2		
		115.1	116.1	1.0	33	8	56	60	<0.2		150-200
		116.1	117.1	1.0	34	3	17	<5	<0.2		
		117.1	118.6	1.5	35	3	21	<5	<0.2		
		118.6	120.4	1.8	36	4	35	<5	<0.2		
											100-150
		120.4	122.2	1.8	37	2	37	<5	<0.2		
		122.2	122.8	0.6	38	2	29	<5	<0.2		
		122.8	124.3	1.5	39	2	42	<5	<0.2		
										80	75-100
		124.3	125.8	1.5	936540	2	39	5	<0.2		
		125.8	127.3	1.5	41	2	39	10	<0.2	25-40	
										70	
		127.3	128.5	1.5	42	2	38	<5	<0.2	40-60	
		128.5	130.3	1.5	43	2	41	5	<0.2	75	
		130.3	131.8	1.5	44	3	40	<5	<0.2		
		131.8	133.3	1.5	45	1	42	<5	<0.2		
		133.3	135.2	1.9	46	2	56	10	<0.2	80	
										20-40	

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
136.6			0.5 cm CBv.	135.2-146.8 Bhta$_1$ - heterolithic breccia phase, weakly aligned clasts. - 35°-50° to c.a., zone is spotted w/. CB grains, rhombs average 5 mm., pervasively HE alt^d MDST clasts, KF alt^n of DL. clasts, weak pervasive SE, strong HS - locally up to 15-20%, 1% PY, for the most part matrix-supported.							
	90		45° 2cm CBv.									73
139.6			fault-crush zone									
140	125		70° CB v.									88
	83	Bhta$_1$										62
142.3			90° CBv. 1-2cm									
	122		50° 40° CBv. 1-cm									78
144.2												
145	107		70° CBv's 1cm.									93
145.7			70° CB v.	147.3-150.5.								
	85		65°	fault zone: crushed appearance, lower core recoveries.								45
147.5			fault zone 65° to c.a. fabric									
	60											10
149.0												
150	61			146.8-163.3 Bhta$_2$ - purplish MDST dominated hetero.								0
150.3		Bhta$_2$	70° CBv.s.									
	100		25° 40° CB-QZ 2.0cm.	bx., minor KF alt^n DL frags, framework-supported, lower HS - 5-7%,								67
151.8				151.1-158.9 - strong KF alt^n, HS in								
	180		65°-75° CB, CP v.s 25° CBv.	stringers around clasts, in fractures, CP in CB, CB-QZ veinlets ± in CB								92
154.8												
155	97		crackled, CB hairline fracts. 35°, 45° CB, QZ	rhombs which are well formed,								87
157.9				158.9 - incr. in coarse CB alt^n,								
	87			decr. in KF								61
159.4			40° CB-SE salvage									
160												
	98		20° 1cm CBv. tr. PY									95
162.5				163.3-167.3 Bhta$_1$ - matrix-supported, unsorted,								
	90		55°	subangular-subrounded clasts, most								76
165		Bhta$_1$		frags < 2.0 cm., largest 10. cm., clasts								
165.5			CB v. by tr. CP.	shows earlier KF, SE alt^n and CB veining								
	113		45°-65° CB v.	phases.								93
167.0			± cut fine hairline fracts.	167.3-172.0 - Bhta$_2$, brick-red KF alt^d								
	93	Bhta$_2$	30° CBv. tr. CP	zone, crackled-infilled w/. CB., ± cutting								74
170			35° CB v.	CB veinlets to 1.0cm w/. CP (tr.).								
170.1				172.0-173.4 Bhta$_2$ purplish-gray, weakly alt^d,								
	92		55° 2cm CBv.	low % matrix.								92
172.5			15° CBv.									
			60°	173.4-182.7 Bhta$_1$ - dark grey, matrix-supported,								
	99			weakly alt^d & rare 5° mineralization.								98
175				CB v.'s → 40°-60°, 5° to c.a.								
175.6		Bhta$_1$		179.3-179.6 KF alt^n envelope ± 5°								
	96		45° 0.5-1.0cm CBv.	to c.a.								85
178.6			40°-55° CB v.									
180	97											82

PAGE 8 OF 10 | PROJECT: OLYMPIC | HOLE NO. OY94-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. SUS. SI units X10⁻⁵	SCINT CPS
		135.2	136.7	1.5	936547	6	73	15	<0.2	40-60	60-80
136.2 - 143.6 - 1% diss. PY.		136.7	138.2	1.5	48	12	98	25	<0.2	↓	↓
										20-40	
		138.2	139.7	1.5	49	9	43	5	<0.2	↓	
		139.7	141.2	1.5	936550	11	41	15	<0.2	10-20	
										↓	
		141.2	142.3	1.1	51	9	76	85	<0.2		
		142.3	143.2	0.9	52	31	63	20	<0.2	↓	
143.6 - 144.2 1% diss. PY., tr. CP		143.2	144.7	1.5	53	1165	47	35	<0.2	20-40	
144.2 - 144.5 1% CP, tr. PY.		144.7	146.2	1.5	54	17	18	5	<0.2	40-60	
144.5 - 146.8 tr. PY.		146.2	147.3	1.1	55	167	20	20	<0.2	20-40	
										10-20	
		147.3	149.0	1.7	56	9	20	<5	<0.2	↓	
		149.0	150.5	1.5	57	11	16	<5	<0.2		
		150.5	152.0	1.5	58	6	18	<5	<0.2		
		152.0	153.5	1.5	59	34	14	<5	<0.2		↓
153.5 - 155.0 - tr. - 0.5% CP≥PY. in CB; CB-QZ veinlets, CB rhombs.		153.5	155.0	1.5	936560	281	19	<5	<0.2		80-90
		155.0	156.5	1.5	61	15	24	<5	<0.2		↓
		156.5	158.0	1.5	62	10	26	<5	<0.2		
											↓
		158.0	159.5	1.5	63	4	17	<5	<0.2		60-80
		159.5	161.0	1.5	64	2	17	<5	<0.2		↓
		161.0	162.5	1.5	65	40	20	15	<0.2		↓
		Newmont	Std.	G02	936566	121	7	425	1.8		80-90
		162.5	164.0	1.5	67	76	18	10	<0.2	↓	↓
		164.0	165.5	1.5	68	162	17	15	<0.2	20-30	
		165.5	167.0	1.5	69	76	17	5	<0.2	↓	
166.4 - 167.3 - tr. CP w/ CB veining.		167.0	168.5	1.5	936570	40	17	15	<0.2		
		168.5	170.0	1.5	71	6	18	5	<0.2		
169.6 - tr. CP in CB v. 25° to c.a.											
		170.0	172.0	2.0	72	48	18	10	<0.2		
											↓
		172.0	173.4	1.4	73	33	18	<5	<0.2		60-80
		173.4	174.9	1.5	74	4	16	240	<0.2		↓
		174.9	176.4	1.5	75	2	14	<5	<0.2		
		176.4	177.9	1.5	76	<1	14	<5	<0.2		
		177.9	179.4	1.5	77	2	14	30	<0.2		
		179.4	180.9	1.5	936578	8	16	65	<0.2		
										↓	190-220

PAGE 9 OF 10 | PROJECT: OLYMPIC | HOLE NO. OY94-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ	RQD
181.7		Bhta1	45°-50°- CBv									
			50 CBv.	182.7-195.1 Bhta2 - dark grey, poorly brecciated, planar fabric 40-55° to c.a., weakly alt'd except for ubiquitous CB- particularly pronounced from 191.1-195.0 where e.g. CB imparts an almost porphyritic texture; - >90% MDST clasts, m. KF alt'd DL, variable HS content, tr.-0.5% 5mm- PY, CP								
	98		55° 25° CBv, x-cut 5° CBv.									85
		Bhta2	45° 1cm CBv.									
184.7												
185			45° 1cm CBv. w/ m. SE									
	99		45° 35°									75
187.8			Sheared CL-rich fract. surfaces									
	43		125 CBV									20
190			45° 1cm CBv.									
191.1			30° CBv.									
	137		65° 1cm CB									131
		Bhta2	30° CB, QZ v.									
193.2												
				195.1-199.5 Bhta1 - planar fabric - weak alignment of clasts 60° to 70° to c.a, pervasive SE alt'd, crackled in part - QZ-CB v.								
195	97	70°	25° CB, CA, tr. CP									98
196.3		Bhta1										
	98		30° 2cm CB, CA.									92
199.3			75° 25° 1cm CB QZ									
200	100	Bhta2		199.5-200.6 Bhta2 - purple MDST bx. - pervasive HE								92
200.6 EOH												

PAGE 10 OF 10 | PROJECT: OLYMPIC | HOLE NO. OY94-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG SUS. SI units X10-5	SCINT CPS
		180.9	182.4	1.5	936579	<1	15	<5	<0.2	20-30	80-90
											60-80
		182.4	183.9	1.5	936580	2	16	75	<0.2		
		183.9	185.4	1.5	81	4	17	<5	<0.2		
		185.4	186.9	1.5	82	5	19	10	<0.2		
		186.9	187.8	0.9	83	1	18	<5	<0.2		
		187.8	189.9	2.1	84	7	16	10	<0.2		
		189.9	191.4	1.5	85	5	19	<5	<0.2		
		191.4	192.9	1.5	86	30	26	<5	<0.2		
192.9-195.1 - tr.-0.5% diss. LP ≥ PY, w/. strong CB alt'n		192.9	193.4	1.5	87	178	52	<5	<0.2	35-55	
		193.4	195.1	1.7	88	207	29	<5	<0.2		
										10-20	
		195.1	196.6	1.5	89	96	18	60	<0.2		
		196.6	198.1	1.5	936590	6	17	20	<0.2		
		198.1	199.5	1.4	91	43	17	50	<0.2		
		199.5	200.6	1.1	92	3	17	<5	<0.2		

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: OLYMPIC	GROUND ELEV.: 1,195 m
HOLE NO.: OY 94-3	BEARING: 090°
LOCATION: ATHENS GRID 5610 N, 14605 E; CLAIM OLYMPIC 45; UTM 7,192,334N, 553,502E	DIP: -55°
	TOTAL LENGTH: 285.9m
LOGGED BY: D.A. CAULFIELD	HORIZONTAL PROJECT
DATE: JULY 11, 1994	VERTICAL PROJECT
CONTRACTOR: FALCON DRILLING	
CORE SIZE: NTW	
DATE STARTED: JULY 4, 1994	
DATE COMPLETED: JULY 7, 1994	
DIP TESTS: 12.2m - B∠ 086° D∠ -54.5°; 137.2m - B∠ 087° D∠ -53.5°; 283.5m - B∠ 089° D∠ -52.0°	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

OY94-3 was drilled to test the heterolithic breccia which was not penetrated in OY94-1. from the western contact of the breccia. The entire breccia was intersected ending in the homolithic dolomite breccia.

All core is stored at Copper Point air strip on the Slab 153 mineral claim (106D/16).

LEGEND

ABBREVIATIONS

ROCK TYPES

DL - Dolomite
Bhm - Homolithic breccia
Bhta$_1$ - Heterolithic breccia variable clast type
Bhta$_2$ - Heterolithic breccia dominant clast type
Bht6 - Heterolithic microbreccia
MDST - Mudstone

ALTERATION MINERALS

CB - Iron carbonate CA - Calcite
KF - Potassium feldspar MG - Magnetite
SE - Sericite HS - Specular hematite
HE - Hematite QZ - Quartz

SULPHIDE MINERALS

CP - Chalcopyrite PY - Pyrite
BO - Bornite CO - Cobaltite

PAGE 1 OF 14 | PROJECT: OLYMPIC | HOLE NO. OY94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	MC C	SE D	CL E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
	N/A			0.0 - 3.0 ØVB.								N/A
3.0	32	DL	80° S_0 v.s	3.0 - 6.0 DL - dark grey, CB vein stockwork, thinly laminated, tr. 5"								0
5.5	32	Bhm	45° irregular discontinuous CB v.s streams of earthy HE	6.0 - 38.4 Bhm - homolithic dolomite bx, unsorted, highly variable clast size (up to 50cm), mostly massive DL frags, mi/laminated DL, framework supported, subangular clasts, variable pale green (SE) to brown (CB) to pink (KF) alt^n, disseminated, stringer & vein 5", Cu & Co secondaries, KF - clasts, SE - clasts, matrix, 6.0-8.7 - faulted sheared zone, core loss.								14
8.5	76											
10												
11.3	85											69
14.3												
15	98			9.1 - CB veinlets cut bx								85
17.4	160		~75°	17.8 - crackled-veined chert (black) fragment								160
17.7	97		30° 90° 25° CBV.	18.4 - streaming of clasts @ 30° to ca.								83
20												
20.7	76		45° CBV. 30° CB V. 5-10° NE coated fractures.									56
23.8	87		25° 2cm - QZ-CBV. CP, AZ. 10° ER, to MC in CB v.									78
25												
26.5	96		pre CB - irregular stringer 0° to c.a. 5-10° hairline CB fracts.									79
29.6	87		40° CBV.	30.0 - 30 cm KF alt^d fragment.								70
30												
32.6	85	Bhm	45° CBV.	35.0 - 38.4 - increasing HS content to contact.								63
35												
35.7	96		20° CBV.	38.4 - 43.0 Heterolithic Breccia - $Bhta_1$, gradational upper contact, mottled drab green to pink to brick red depending on alteration type - pervasive SE; CB alt^n - crackled red jasper, black chert frags present although most are grey-green to brick red (HE) SLST/MDST & SE, KF alt^d clasts, framework-supported subang. clasts (up to 8cm)								71
38.7	93	$Bhta_1$	80° 10° CBV. red jasper envelope									72
40												
41.8	98	$Bhta_2$ $Bhta_1$	hairline CB coated fracts. 35°, 55°, 30° 70°-80° KF alt^n envelope									92
44.8				43.0 - 43.7 $Bhta_2$ - grey MDST bx.								
45												

PAGE 2 OF 14	PROJECT: OLYMPIC	HOLE NO. OY94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. SUS. SI units X10⁻⁵	SCINT CPS
										10-20	60-80
5.5-6.0 - tr. CP, MC in CB v.		3.0	6.0	3.0	936593	957	11	<5	<0.2		
6.0-18.5 - tr. PY.		6.0	8.7	2.7	94	94	27	<5	<0.2		
		8.7	10.2	1.5	95	16	5	<5	<0.2		
		10.2	11.7	1.5	96	3	86	<5	<0.2		
		11.7	13.2	1.5	97	6	9	<5	<0.2		
											80-90
		13.2	14.7	1.5	98	3	7	<5	<0.2		
		14.7	16.2	1.5	99	3	7	<5	<0.2		
											60-80
		16.2	18.0	1.8	936600	6	7	<5	<0.2		
18.5-18.7 tr. diss PY											
18.7-19.6 fine to coarse euhedral		18.0	18.5	0.5	01	15	12	<5	<0.2		
PY 1% - pyrithedron.		18.5	19.6	1.1	02	26	52	<5	<0.2		
19.6-20.2 PY stringer zone,		19.6	20.2	0.6	03	731	193	20	<0.2		
contacts @ 70° to c.a.		20.2	21.7	1.5	04	119	27	10	<0.2		
20.2-20.7 diss., fracture-controlled		21.7	23.2	1.5	05	64	12	<5	<0.2		
PY.		23.2	24.7	1.5	06	405	47	10	<0.2		
20.7-26.5 0.5-1.0% PY overall		24.7	26.2	1.5	07	5530	202	15	<0.2		
		26.2	27.7	1.5	08	78	66	5	<0.2		
23.4-23.8 - NE coated fracts.											
@ acute ∠ to c.a.		27.7	29.2	1.5	09	72	85	<5	<0.2		
24.9 - 2.0 cm QZ-CB v. w/		29.2	30.7	1.5	936610	39	119	<5	<0.2		
coarse CP, AZ.		Nwmt	Strd.	MS36	936611	93	9	1080	1.2		
25.2 - ER, MC, CP w/ CB. v.		30.7	32.2	1.5	12	17	19	<5	<0.2		
26.0 - PY>CP in stringer 0° to		32.2	33.7	1.5	13	26	14	<5	<0.2		
c.a., tr. CO in vein.		33.7	35.2	1.5	14	15	19	<5	<0.2		
26.5-29.0 - tr. diss. PY.		35.2	36.7	1.5	15	19	16	<5	<0.2		
		36.7	38.4	1.7	16	349	23	5	<0.2		
37.2-43.7 - tr. diss. PY, CP, MC											
		38.4	39.9	1.5	17	673	41	<5	<0.2		
		39.9	41.4	1.5	18	302	30	<5	<0.2		
		41.4	43.0	1.6	19	378	26	5	<0.2		
43.7-46.7 PY=CP cross w/ KF alt'd											
zones.		43.0	43.7	0.7	936620	38	24	<5	<0.2		
		43.7	45.2	1.5	21	990	33	25	<0.2		

 PROJECT: OLYMPIC HOLE NO. OY94-3

Run to depth (m)	% CORE REC	RQD
47.9	98	86
48.1	135	135
51.2	96	92
53.3	75	75
56.0	107	87
59.1	97	90
61.6	88 / 100	75
64.6	100	77
66.4	167	154
69.5	94	84
72.2	83	48
75.3	87	63
78.3	95	75
80.2	137	45
82.6	100	63
84.7	90	89
87.8	90	71
89.3	90	65

DEPTH (m): 50, 55, 60, 65, 70, 75, 80, 85, 90

LITHOLOGY: Bhta₁; Bhta₂; Bhta₁; Bhta₂; Bhta₁; Bhta₂; Bhta₁; Bhm + Bhta₁; Bhta₁; Bhta₂; Purple MDST; Bhta₂

STRUCTURE:
- 10° CB v.
- 50° CB v.
- 25°, 45° CB v, CP.
- 10° CB v.
- 70° CB v.
- 80°, 30° CB v.
- 45° CB, CA v. 5 cm. fr. MC
- 70°, 75° CB, BA v. 1 cm
- 45° CB, QZ v. 1 cm
- 45°, 25° CB tension gash
- CB-QZ v. 56.8-59.4
- 40° QZ-CB v. 59.4-63.4
- 70°, 5-10° CB - BA?
- 40°, 65°
- 55°, 45° CB-BA? v.
- broken core, slickensided fracts., CA.
- water course, brown weathering of CB, CA on fract. surfaces.
- 0° CB v.
- 60° CB, HE fract. water course
- broken core
- 70° CB stained - CA fracts. water course
- 70° HE
- 50° 1 cm CB v. - CA

GEOLOGICAL DESCRIPTION	
43.7-47.9.	Bhta₁ - x-cut by KF envelopes, 5" assoc w/ KF altⁿ.
47.9-54.0	Bhta₂ - purplish grey MDST dominated breccia.
54.0-54.7	Bhta₁ - pervasive SE altⁿ, weakly aligned frags. 70° to c.a., 1 cm band of semi-massive HS along same orientatⁿ.
54.7-56.1	Bhta₂
56.1-56.8	Bhta₁ - matrix supported, clasts < 1.0 cm: dk. gry. matrix - strong HS.
56.8-59.4	Bhta₂ - light gry; framework supported, low % matrix
63.4-66.7	Bhta₁ - brick red to dk gry., matrix supported; majority of frags < 1.5 cm., DL, SLST, jasper, HS clasts - unsorted. speckled by 1 mm CB rhombs, tension g. → clasts
66.7-67.2	Bhm (+ Bhta₁) - lamin. DL - bands of strong HS altᵈ Bhta₁, 1% 5"
67.2-69.0	Bhta₁
69.0-70.6	Bhta₂ - purple MDST (pervasive HE) clasts
70.6-102.2	Bhta₁ - fragments weakly aligned 70° to c.a.
	Bhta₂ - dk. gry., wk KF, SE, HS altⁿ weak fabric 60° to c.a., matrix supported; mostly dk gry. MDST clasts, subordinate DL., FeCB (weathered chocolate brown) spotted throughout; KF altⁿ restricted to clasts mainly, gry SLST, MDST, DL clasts
	80.6 - 80.9 - intensely KF altᵈ zone, 1% HS.
	90.7 - 13 cm. KF altᵈ clast.

ALTERATION: CB (A), KF (B), HS (C), SE (D), CA (E) | FRACTURE INTENSITY | % VEIN QTZ. | RQD

PAGE 4 OF 14 | PROJECT: OLYMPIC | HOLE NO. OY94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	Co ppm	Au ppb	Ag ppm	MAG. SVS SI units X10-5	SCINT cps
		45.2	46.7	1.5	936622	608	33	15	<0.2	10-20	60-80
		46.7	47.9	1.2	23	1165	21	30	<0.2		
46.7-54.0 - tr. diss PY		47.9	49.4	1.5	24	11	19	10	<0.2		
		49.4	50.9	1.5	25	36	19	5	<0.2		
		50.9	52.4	1.5	26	20	22	<5	<0.2		
		52.4	54.0	1.6	27	10	24	<5	<0.2		
		54.0	54.7	0.7	28	864	24	35	<0.2		
54.0-54.7 - 0.5% CP, PY		54.7	56.7	2.0	29	44	21	30	<0.2		
		56.7	58.2	1.5	936630	5	23	<5	<0.2		
		58.2	59.4	1.2	31	13	24	10	<0.2		
		59.4	60.9	1.5	32	20	21	10	<0.2		
		60.9	62.6	1.5	33	43	24	10	<0.2		
62.6-66.1 1% CP, tr. PY w/ strong HS altd bx., patches of finely diss. CP; local concentrations in CB grains w/ bladed HS.		62.6	63.4	0.8	34	435	28	35	<0.2		
		63.4	64.9	1.5	35	971	32	15	<0.2	20-40	
		64.9	66.1	1.2	36	2080	51	5	<0.2	50	
										20-40	
66.1-66.7 - tr.-0.5% CP		66.1	66.7	0.6	37	382	43	<5	<0.2	60	
		66.7	67.2	0.5	38	23	30	45	<0.2	20-40	
		67.2	69.0	1.8	39	10	23	<5	<0.2		
		69.0	70.6	1.6	936640	17	25	5	<0.2		
		70.6	72.1	1.5	41	41	27	<5	<0.2		
		72.1	73.6	1.5	42	24	31	<5	<0.2		
		73.6	75.1	1.5	43	28	33	<5	<0.2		
		75.1	76.6	1.5	44	71	34	<5	<0.2		
		76.6	78.1	1.5	45	66	29	40	<0.2		
		78.1	79.6	1.5	46	14	23	<5	<0.2		
		79.6	81.1	1.5	47	23	23	<5	<0.2		
		81.1	82.6		48	9	22	<5	<0.2		
		Nwmt.	Strd.	MS261	936649	98	9	155	<0.2	15-20	
		82.6	84.1	1.5	936650	29	24	<5	<0.2		
		84.1	85.6	1.5	51	8	20	<5	<0.2		
		85.6	87.1	1.5	52	13	21	<5	<0.2		
		87.1	88.6	1.5	53	28	21	<5	<0.2		
		88.6	90.1	1.5	936654	15	24	10	<0.2		

PROJECT: OLYMPIC

HOLE NO. OY94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
91.4			25° CB, CA v. 10° CB, CA v.									
	62		rubble zone CB, CA.	finely diss. HS								40
93.6			30°	93.3 - incr. in CB alt^n - coarse aggregates in matrix, gry MDST clasts - most abdt. - framework supported, variable clast sizes, → subangular								
95	96		5° CB v.									88
96.6		$Bhta_2$										
	95		55° CB v. 0.5 cm.									98
99.7												
100	100		20°									98
102.7		Bhtb		102.2 - 102.9 Microbreccia - occassional 1-2 cm fragments, majority < 0.5 cm., matrix-supported, subangular - subrounded clasts, light pink colour at^n of matrix → KF alt^n - Bhtb. - diss. CP, KF alt^n carries out from both contacts into $Bhta_2$								
	82		30°									65
105												
105.8		$Bhta_2$	0° CA.									
	89		broken core									49
108.8												
110	100		50° - CB, GE v.	102.9 - 119.5 $Bhta_2$ variable alt^n, w-mod. SE, w. KF, mod. to strong CB. clast types: gry to purplish gry (HE) MDST, DL (some KF alt^d), laminat^d DL, grn MDST (SE alt^n), silic. dk brown aphanitic unit - chert, for the most part - framework-supported, subangular clasts < 2.0 cm. ↓ in part - greater brecciat^n & higher % matrix - hybrid of Bhta, unit. 108.7 - 117.2 - SE alt^n zone - tr. to 1.0% CP.								
111.9												97
	97		10° CB, CA, GE, NE MC = broken water course									
114.9			30° 1-2 cm CB v. 0.5% CP									92
115	109		crackled CB v. ± 0° to c.a									
116.3												101
	101		85° - GE, CB, BA 1-5 cm.									84
118.3			60° CB v.									
	98		70°-80° - CB v.									95
120			45° CB v.									
121.3			30° CB v.	119.5 - 155.5 $Bhta_2$ - purplish-gry (maroon?) MDST dominated $Bhta_2$ - pervasive HE/HS alt^n of clasts., CB alt^n in matrix, less. in clasts, pervasive wk. to moderate SE alt^n.								
	98		40° CB, CP v.									96
			CB, CP v.									
124.4			0°									
125	96		crackled - CB v.									89
126.8			crackled CB v.									
	100											100
129.8			30° 2cm - CB, CP, HS v.	128.8 - 129.3 - crackled, banded, v.f.g., silic. clast - brick red (HE) to red colour, chert? jasper. 1% CP.								
130	101		30°									92
132.9			50° CB v.	129.9 - laminat^n of above unit in silty DL clast.								
	100											97
135												

PAGE 6 OF 14 | PROJECT: OLYMPIC | HOLE NO. OY94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG SUS SI units X10-5	SCINT CPS
		90.1	91.6	1.5	936655	14	22	<5	<0.2	20	60-80
		91.6	92.5	1.9	56	58	32	5	<0.2		
		92.5	93.3	0.8	57	43	29	5	<0.2		
		93.3	94.8	1.5	58	23	27	<5	<0.2		
94.9 - 95.2 tr. diss. PY, CP		94.8	96.3	1.5	59	37	28	15	<0.2		
		96.3	97.9	1.6	936660	74	27	<5	<0.2		
97.9 - 99.8 · 1% diss. CP w/. SE		97.9	99.8	1.9	61	1235	31	10	<0.2		
alt'd zone, v.f.g.											
		99.8	101.3	1.5	62	457	27	15	<0.2		
99.8 - 102.2 tr. - 0.5% CP											
102.2 - 102.9 1% diss. CP w/. Bht6		101.3	102.2	0.9	63	261	26	<5	<0.2		
unit.		102.2	102.9	0.7	64	365	23	10	<0.2	20-25	80-90
		102.9	104.4	1.5	65	55	33	15	<0.2	20	60-80
		104.4	105.9	1.5	66	9	33	<5	<0.2	20-30	
108.0 - tr. Mc in broken zone		105.9	107.4	1.5	67	288	25	5	<0.2	20	
108.6 - 110.9 - tr. - 0.5% CP, SE alt'd		107.4	108.7	1.3	68	707	30	5	<0.2	10 - 20	
zone, finely diss.		108.7	110.9	2.2	69	193	25	<5	<0.2		
110.9 - 114.3 - 0.5% - 1.0% CP - diss.		110.9	112.4	1.5	936670	2630	29	60	<0.2		
in mod. SE alt'd zone, MC, NE										20-40	80-90
on weathered fractures.		112.4	113.1	0.7	71	3830	31	20	<0.2		60-80
114.3 - 117.2 tr. - 0.5% CP.		113.1	114.3	1.2	72	4590	47	110	<0.2		
		114.3	115.8	1.5	73	274	26	10	<0.2	20	
		115.8	117.2	1.4	74	504	31	45	<0.2		
117.2 - 120.4 tr. CP		117.2	118.7	1.5	75	81	30	<5	<0.2		
		118.7	120.4	1.7	76	548	30	25	<0.2		
120.4 - 124.4 0.5% - 1.0% CP - diss.		120.4	121.9	1.5	77	2150	33	5	<0.2		
wispy stringers & in CB veinlets.		121.9	123.4	1.5	78	2380	35	<5	<0.2		
m. MC, NE on weathered fracts.											
		123.4	124.4	1.0	79	2250	31	20	<0.2		
124.4 - 130.0 tr. - 1% CP - variable		124.4	125.9	1.5	936680	120	36	15	<0.2		
throughout run.		125.9	127.4	1.5	81	79	32	<5	<0.2		
		127.4	128.8	1.4	82	98	38	25	<0.2		
128.8 - 129.3 1% CP in wispy		128.8	130.0	1.2	83	1380	41	15	<0.2		
diss. & CB fract. fillings in											
crackled brownish red - silic.		130.0	131.5	1.5	84	1385	39	10	<0.2		
fragment, X-cut by 2:0 cm CB -		131.5	133.0	1.5	85	1070	34	<5	<0.2	25	
HS - CP veinlet.		133.0	134.1	1.1	86	1175	39	5	<0.2		
130.0 - 134.1 - tr. - 0.5% diss. CP		134.1	135.6	1.5	936687	678	37	10	<0.2		

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DEPTH (m)	% CORE REC	RQD
135.9 – 138.9	97	88
138.9 – 142.0	93	93
142.0 – 143.6	96	96
143.6 – 145.4	97	90
145.4 – 148.4	100	95
148.4 – 151.5	100	98
151.5 – 154.8	100	99
154.8 – 156.7	91	87
156.7 – 159.7	102	97
159.7 – 162.8	100	95
162.8 – 164.9	105	105
164.9 – 167.0	97	97
167.0 – 170.1	100	100
170.1 – 173.1	100	98
173.1 – 176.2	100	98
176.2 – 179.2	98	93

Lithology: Bhta₂ (from ~144); Bhta₁ (~155); Bhta₂ (~166)

Structure notes (in depth order):
- 0° dry fract.
- 25°
- 60°
- 30° - CP
- 40° CB, CP v.
- 45° CB v.
- 35° wk. alignment of fabric
- CB crackle zone
- 30°
- CB v.
- 55° CB v.
- fine reticulate network of CB v.
- 60° CB, SE
- 50° CB v.
- 25°
- 75° CB v.
- CB v.
- 40° - fragment alignment.
- fracture offset
- 30° CP in irregular fract. w/SE, BA
- 30° CB v.
- 40° CB v.
- 30° CB v.
- 45° - CB, CP, SE v. water course

GEOLOGICAL DESCRIPTION

Bhta₂ cont'd., purplish-grey colour >95% of clasts framework supported subangular MDST, generally weak SE, S" in CB matrix & in hairline fractures

142.04 - alignment of MDST clasts 30° to c.a.,

155.5-155.8 Bhta₁ - light pinkish (KF) grey, streaming of clasts 70° to c.a., variable clast type, strong HS

155.8-158.2 Very hard blackish grey crackled fragment? 6x? CP along fractures, v. minor HS, CB spots / veinlets, KF envelopes

158.2-195.2 Bhta₂ - framework supported, subangular clasts, majority < 20cm - aver. 1.0cm, 80% of clasts - v.g. MDST - variably coloured depending on altⁿ - pink - KF, drab green - SE, purplish grey - HE, HS; gritty textured DL next most abdt clast type, may be massive or laminated, finely diss. HS in coarse fractions of DL gives greyish colour, CB altⁿ strongest in matrix of 6x. & x-cutting veinlets, tr. CP. in CB altd matrix/veinlets.

158.2-159.5 mod. SE altⁿ lower contact @ 40° to c.a.

161.7-163.0 - mottled pink to green zone - mod. SE & KF altⁿ, upper contact 45°, lower - irregular. (Bhtb?)

166.5-168.3 - m. KF & SE altd zone.

167.3 - 0.5cm CB rhombs, dk. red cores, white rims.

 | PROJECT: OLYMPIC | HOLE NO. OY94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. SUS. SI units X10⁻⁵	SCINT CPS
131.8-139.5 fr. diss. CP - 1-2mm blebs.		135.6	137.1	1.5	936688	643	38	15	<0.2	25	60-80
		137.1	138.6	1.5	89	1725	39	15	<0.2	20	
		138.6	139.5	0.9	936690	477	43	<5	<0.2		
139.5-143.2 - 0.5%-1.0% CP, blebby concentrations up to 0.5cm, wispy stringers in hairline fractures in clasts, diss grains in CB bx. matrix.		139.5	141.0	1.5	91	768	37	5	<0.2		
		141.0	143.2	2.2	92	1885	42	15	<0.2	20-30	
		143.2	144.7	1.5	93	1445	43	50	<0.2	30-40	
		144.7	146.2	1.5	94	960	40	15	<0.2	20-30	
143.2-143.4 - 2% CP in 20cm zone 50° to c.a.		146.2	147.7	1.5	95	2500	45	25	<0.2		
143.4-152.0 - 0.5 to 1.0% diss CP. assoc. w/ stronger CB alt'n		147.7	149.2	1.5	96	2040	38	45	<0.2		
		149.2	150.7	1.5	97	1105	37	10	<0.2		80-90
		150.7	152.0	1.3	98	1030	35	<5	<0.2	10-20	
152.0-155.5 rare diss. CP.											
155.5-158.3 fr.-0.5% CP		152.0	153.5	1.5	99	42	39	<5	<0.2		
		153.5	155.5	2.0	936700	113	32	<5	<0.2		
		155.5	157.0	1.5	01	1240	23	10	<0.2		
		157.0	158.5	1.5	02	1145	77	5	<0.2		
		Nwmt Std.		SOT 11	936703	32	11	280	<0.2		
158.3-189.1 rare diss. CP except for sect'ns noted below		158.5	160.0	1.5	04	327	32	25	<0.2		
		160.0	161.5	1.5	05	9	31	<5	<0.2		
		161.5	163.0	1.5	06	182	27	20	<0.2		
		163.0	164.5	1.5	07	16	34	<5	<0.2		
		164.5	166.0	1.5	08	7	32	<5	<0.2		
167.0-167.5 - 1% diss. & fracture-controlled CP in intense KF alt'd bx.		166.0	167.5	1.5	09	299	29	55	<0.2		
		167.5	169.0	1.5	936710	27	30	<5	<0.2		
		169.0	170.5	1.5	11	470	34	35	<0.2	20-30	
171.7 - 1.5 cm band of 20% CP in CB alt'd zone 60° to c.a.		170.5	172.0	1.5	12	1510	32	55	<0.2	10-20	
		172.0	173.5	1.5	13	60	38	10	<0.2		
		173.5	175.0	1.5	14	13	36	<5	<0.2		
		175.0	176.5	1.5	15	26	43	<5	<0.2		
		176.5	178.0	1.5	16	67	39	15	<0.2		
179.2 - fr. MC, NE		178.0	179.5	1.5	17	598	34	20	<0.2		
180.0 fr. MC on fract.		179.5	181.0	1.5	18	513	30	15	<0.2		

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ	RQD
181.4	91		25° CBV.	178.3-185.6 light greyish-pink to pink zone								91
			45° alignment of clasts	of mod. KF alt'n, closely packed								
	99			fragments, weakly aligned @ 45° to								93
183.8			10° irreg. CB v.	c.a.; upper contact 65° to c.a.,								
185	98		0° CBV.	lower 45°, CB microfracturing								98
			60° CBV.	of pink KF alt'd clasts - strongest								
186.8			25° vuggy CBV. 1cm. CP.	fracturing 90° to long axis of								
			40° vuggy CBV. 1cm. CP.	clast = alignment of bx. fragments.								
	102	Bhta$_2$										98
189.9			0° CBV.	185.6-195.2 grey to purplish gry MDST/SLST								
190			30° 1cm CBV.	dominated Bhta$_2$, weak overall bxth								
	99			CP in CB v.								87
192.9			25-SE, CP.	192.5 - CB, QZ, mSE in crackle								
	97			matrix.								77
194.2												
194.5	100		60°	199.2, 193.3 irreg. patches of Bhta$_1$ (HST)								
195		Bhtb	0° CBV.									
	97		70° CBV. tr. CP									95
				195.2-195.7 Bhtb - micro bx^{td}, 15-20% HS, 60° to c.a								
197.5			30 QZ-CBV.	bright red jasper clasts								
			75°-QZ-CBV.									97
	100	Bhta$_2$		195.2-202.5 Bhta$_2$ - Grey MDST-heterolithic bx., dk grey								
200			70° QZ-CBV.	rounded blotches of KF alt'n incr.								
200.6			70° CB v.	in KF alt'n @ lower contact								
	97		60°	202.5-203.3 Bhtb - pink micro-heterolithic bx.,								91
203.6		Bhtb	40	intense KF alt'n, well rounded clasts,								
				203.3-212.3 m. silicification; quartz clasts?								
205	100		45° 1cm vuggy CB-QZ V.	Bhta$_{1,2}$ moderately KF alt'd, wk SE.								95
		Bhta 1,2	30°-55°-3-1cm CB-QZ v.	very intense KF alt'n from 203.3-204.9								
206.7			60° CB-QZ tension gashes.	lower contact of alt'n @ 60° to c.a.								
	98		15° CB v.	x-cutting QZ-CB tension gashes.								93
209.7				narrow zones of micro bxth → 209.4,								
210				211.2								
	100		40°	40° CB-QZ v.								96
		Bhta 1,2		212.3-219.6 Bhta$_{1,(2?)}$ matrix-supported, greater								
212.8			60-75° 6 CB-QZ v.	degree of bxth & rounding of frags								
	97		tr. BA 1-2 cm. 55° 1.5 cm CB-QZ v.	than previous rung, mod. KF alt'n								75
215			50° tr. CP. CB-QZ-BA 0.5cm v.v.									
215.8				214.6-216.6 Bhtb - irregular contact in & out								
				along core axis; clasts completely								92
	100		50° CB-QZ v. 1cm	alt'd to KF, bright salmon pink								
218.9		Bhta 1,2	CB v.	colour, SE-CB matrix.								
220			10° CB v.									
	97		65° CBV.	216.6-221.4 Bhta$_{1,2}$ - as above. 221.4 - EB vein/et								90
221.9			55° CB-QZ V.	@ 25° to c.a. with 2.0cm envelope of								
			40° CBV.	KF alt'n								
	98	Bhta$_2$		221.4-245.3 Bhta$_2$ - weaker bxth, framework-supported								98
224.9			55° CB-QZ V.	greater angularity of clasts, greater								
225				average clast size, patchy KF alt'n								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG
181.1 - 0.5% CP		181.0	182.5	1.5	936719	302	30	<5	<0.2	10-20 90-95
		182.5	184.0	1.5	936720	105	29	10	<0.2	
		184.0	185.6	1.6	21	77	32	<5	<0.2	
		185.6	187.1	1.5	22	41	38	<5	<0.2	
		187.1	189.1	2.0	23	328	32	<5	<0.2	
189.1 - 191.6 - 0.5% - 10% CP in CB		189.1	190.6	1.5	24	475	27	<5	<0.2	
veinlets/matrix; v's running		190.6	191.6	1.0	25	1995	28	<5	<0.2	
parallel to c.a., weak		191.6	193.1	1.5	26	93	30	<5	<0.2	
alt° area., low c/s.		193.1	194.6	1.5	27	20	29	<5	<0.2	
1916 - 1970 - rare to tr. CP		194.6	195.5	1.6	28	15	28	<5	<0.2	
		195.2	195.7	0.5	29	59	25	5	<0.2	
		196.7	197.2	1.5	936730	80	29	30	<0.2	
197.0 - 0.5% CP		197.2	198.7	1.5	31	64	27	90	<0.2	
197.0 - 235.0 - trace CP										
		198.7	200.2	1.5	32	47	28	<5	<0.2	
		200.2	202.2	2.0	33	66	26	10	<0.2	
		202.2	203.7	1.5	34	66	24	5	<0.2	
		203.7	204.9	1.2	35	45	26	50	<0.2	
214.9 - CP in 2.0 cm CB-QZ-SX		204.9	206.4	1.5	36	67	31	80	<0.2	
veinlet										
		206.4	207.9	1.5	37	117	26	115	<0.2	
		207.9	209.4	1.5	38	67	19	20	<0.2	
		209.4	210.9	1.5	39	141	21	15	<0.2	
		210.9	212.4	1.5	936740	57	25	5	<0.2	
		212.4	213.9	1.5	41	39	25	10	<0.2	
		213.9	214.6	0.7	42	98	26	25	<0.2	
		214.6	216.6	2.0	43	81	25	10	<0.2	
		216.6	218.1	1.5	44	218	24	15	<0.2	
		218.1	219.6	1.5	45	311	27	15	<0.2	
		219.6	221.1	1.5	46	591	27	225	<0.2	
		221.1	222.6	1.5	47	53	18	35	<0.2	
		222.6	224.1	1.5	48	36	20	10	<0.2	
		224.1	225.6	1.5	936749	67	19	30	<0.2	

DEPTH (m) (run to)	% CORE REC	LITHOLOGY	RQD
228.0	98		75
231.0	100		98
234.1	100		96
237.1	100	Bhta₂	97
240.2	99	Bhta₁	74
243.2	95		91
246.3	100		72
249.3	95	Bhm	93
250.9	108		73
253.6	98	Bhta₂	64
255.1	86		24
257.6	93	Bhm	77
260.0	100	Bhta₂ / Bhm / Bhtb	81
263.0	100	Bhm	89
266.1	100		95
269.1	98		95

Depth scale: 230, 235, 240, 245, 250, 255, 260, 265, 270

Alteration columns: CB (A), KF (B), HS (C), SE (D), CA (E); FRACTURE INTENSITY; % VEIN QTZ.

STRUCTURE

- 60°; CB v.; 10°; 0°
- 60° CB–QZ v
- 70° CB v
- 0° CB v.
- 60°; 60° CB v.
- 60° CB v.; 45° CB v.; 45° CB v.
- 45°; 45°
- 25° CB v.
- 65° CB v.
- 40° QZ-CB v. 30 cm
- 70° CB-CA-GE
- 40° v.s. water course; 25°; 10°
- 75° CB-QZ v.
- 5° CB v.; 80° CB v.
- 85° CB v.
- 65° CB-QZ v.
- 50° CB v.
- 60° CB v., HS.
- 20° CB-QZ v.
- 25° CB v
- 20° CB-QZ v.
- 70° CB-QZ v.
- 45° CB-QZ v.
- 40°
- 25° QZ-CB-CP .75 cm.
- 50° QZ-CB-CP 1.0 cm
- 55° QZ-CB-CP 2 mm - 1.0 cm
- 45° QZ-CB-CP 1.5 cm.

GEOLOGICAL DESCRIPTION

cont'd. - [illegible] CB - QZ veinlets, QZ [illegible] vein [illegible] @ 50° to c.a.

233.2 - 245.3 increased SE, KF alt[n] [illegible] SE alt[n] envelopes KF [illegible] contact @ 60°, lower @ 25° - sharp. KF, SE alt[n] most pronounced in fragments, CB & HS mainly in bx. matrix, in framework-supported portions - frags. aligned @ 70° to c.a.

240.7 - 242.3 - matrix-supported

244.6 - 20 cm QZ-CB vein - 90° to c.a.

245.3 - 251.9 Bhm - l. pinkish grey colour; wk. pervasive KF alt[n] - pink; greyish tone due to minor finely disseminat[ed] HS, tightly packed [illegible] laminat[ed] DL frags → mosaic appearance - very minor CB, HS matrix, occasional KF alt[n] patches → sometimes [illegible] by CB.

251.9 - 253.9 Bhta₂ - well aligned fragments - 30°-45° to c.a., 253.2 - clast? zone? of Bhm.

253.9 - 258.3 Bhm - as above, 255.1 - 256.5 - large fragment.

258.3 - 258.6 Bhta₂ - narrow zone of mixed fragment types, gradational contact.

258.6 - 259.1 Bhm - stronger bx[n], CB, KF alt[n] than Bhm above

259.1 - 260.1 Bhtb/Bhm - mixed heterolithic microbx & homolithic DL bx.

260.1 - 285.9 Bhm - [illegible] colour except for areas of intense KF (pink) & SE (green) alt[n]; [illegible] framework supported light pink [illegible] laminated DL clasts

266.9 - 270.1 - [illegible] green (SE alt[d]) zone; 1-2% CP, tr. Bo

 | PROJECT: OLYMPIC | HOLE NO. OY94-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. sus. SI units X10-5	SCINT CPS
225.0 - 266.9 v. trace diss. CP		225.6	227.1	1.5	936750	62	22	5	<0.2	10-20	80-90
		227.1	228.6	1.5	936901	27	21	25	<0.2		
		228.6	230.1	1.5	02	16	22	35	<0.2		
		230.1	231.6	1.5	03	31	24	15	<0.2		
		231.6	233.1	1.5	04	77	24	10	<0.2		
		233.1	234.6	1.5	05	257	22	30	<0.2		
		234.6	236.1	1.5	06	81	22	15	<0.2		
		236.1	237.6	1.5	07	359	24	60	<0.2		
		Numt.	Strdo.	MS36	08	90	7	930	1.2		
		237.6	239.1	1.5	09	66	21	35	<0.2		
		239.1	240.6	1.5	936910	23	23	10	<0.2		
		240.6	242.1	1.5	11	15	22	20	<0.2		
		242.1	243.5	1.4	12	72	17	35	<0.2		
		243.5	245.3	1.8	13	18	19	10	<0.2		110
		245.3	247.3	2.0	14	23	18	<5	<0.2		
											70-80
		247.3	249.3	2.0	15	58	14	<5	<0.2		
		249.3	250.7	1.4	16	38	15	<5	<0.2		
		250.7	251.9	1.2	17	31	15	<5	<0.2		
		251.9	253.9	2.0	18	54	15	10	0.6		
		253.9	255.9	2.0	19	45	14	<5	<0.2		
		255.9	257.4	1.5	936920	24	13	<5	<0.2		
		257.4	258.3	0.9	21	26	15	<5	<0.2		
		258.3	260.1	1.8	22	35	15	<5	<0.2		60-80
		260.1	262.1	2.0	23	13	15	<5	<0.2		
		262.1	264.1	2.0	24	2	14	<5	<0.2		
		264.1	265.6	1.5	25	10	15	<5	<0.2		
266.9 - 268.6 - 1-3% CP in intensely		265.6	266.9	1.3	26	11	16	<5	<0.2		
SE altd zone, no HS, CP in clots in		266.9	268.6	1.7	27	8250	14	<5	<0.2		
matrix of 6x. c in X-cutting										5-10	
QZ-CB veinlets, m.diss. BO+sec Cu		268.6	270.1	1.5	28	266	18	15	<0.2		
268.6 - 274.5 - tr. CP in QZ-CB veinlets (@ 267.0)		270.1	271.6	1.5	936929	153	17	<5	<0.2		

PAGE 13 OF | PROJECT: OLYMPIC | HOLE NO. OY94-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
272.2	99		40° 0% CB v. 30° fr. CP									86
			0° CB-HS v.									
	100		5° CBV	273.7-274.6 - light pink KF alt								93
275 275.2			45° CB v. 30° CB v.									
	97		70° CB v.									97
276.7		Bhm		277.3-280.7 - incr. 6x fn, 1-3% HS fr. - 0.5% CP>BO, KF alt								
	96		70° CB v.									94
279.2			75° CB v.									
280	98		CB v.									96
282.2			15° 10° CB. v.									
	100											86
284.2												
285	100											87
285.9 EOH												

PAGE 14 OF 14 | PROJECT: OLYMPIC | HOLE NO. OY93-3

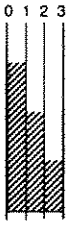
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG SNS. SI units X10-5	SCINT CPS
										5-10	60-80
		271.6	273.1	1.5	936930	79	19	<5	<0.2	10-20	
		273.1	274.6	1.5	31	143	20	<5	<0.2		
274.5-275.0 - 0.5% finely diss CP in											
stronger 6x ± Bhm w/ 1-3% HS		274.6	276.1	1.5	32	322	18	<5	<0.2		
pervasive KFalt											
275.0-277.3 tr. CP.		276.1	277.3	1.2	33	440	18	<5	<0.2		
277.3-279.2 tr.-0.5% CP>Bo,											
finely diss., stronger 6x ±,		277.3	279.2	1.9	34	582	18	<5	<0.2		
incr. HS.		279.2	280.7	1.5	35	171	20	5	<0.2		
279.2-285.9 - rare diss. CP, Bo		280.7	282.2	1.5	36	26	19	<5	<0.2		
grains.											
		282.2	283.7	1.5	37	17	21	<5	<0.2		
		283.7	285.2	1.5	38	49	21	<5	<0.2		
		285.2	285.9	0.7	936939	62	25	<5	<0.2		

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: OLYMPIC	GROUND ELEV: 1623 m
HOLE NO.: OY 94-4	BEARING: 040°
LOCATION: ATHENS GRID 6455N 13645E; CLAIM OLYMPIC 42; UTM 7193610N 553065E	DIP: -45°
	TOTAL LENGTH: 143.0m
LOGGED BY: D. A. CAULFIELD	HORIZONTAL PROJECT
DATE: JULY 16, 1994	VERTICAL PROJECT
CONTRACTOR: FALCON DRILLING.	
CORE SIZE: NTW	
DATE STARTED: JULY 8, 1994	
DATE COMPLETED: JULY 10, 1994	
DIP TESTS: SPERRY SUN 10.7m BX° 040° DX° -45° 141.7m BX° 039° DX° -45.5°	

ALTERATION SCALE



absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

20' casing

Hole tested L.A breccia and copper/gold soil geochemistry.

All core is stored at Copper Point air strip on the Slab 153 mineral claim (106D/16).

LEGEND

ABBREVIATIONS.

ROCK TYPES

DL - Dolomite
Bhm - Homolithic breccia
Bht_{a_1} - Heterolithic breccia - variable clast type
Bht_{a_2} - Heterolithic breccia - dominant clast type
Bhtb - Heterolithic microbreccia
SLST - Siltstone
MDST - Mudstone

ALTERATION MINERALS.

CB - Iron carbonate CA - Calcite
KF - Potassium feldspar MG Magnetite
SE - Sericite HS - Specular hematite
HE - Hematite QZ - Quartz.

SULPHIDE MINERALS.

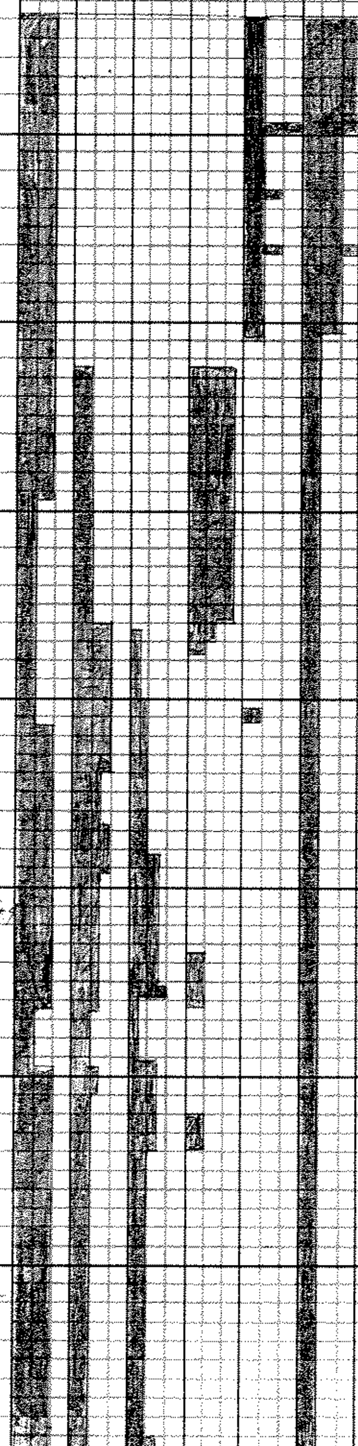
CP - Chalcopyrite PY - Pyrite
BO - Bornite

PROJECT: OLYMPIC

HOLE NO. OY94-4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		RQD
0.0–6.9	N/p			0.0 - 6.9	OVB.	
6.9–8.5	118	dk.grey SLST / 30°		6.9 - 10.0	dk grey thinly laminated SLST, calcareous, carbonaceous, ∠ 30° to c.a., graphite developed on bedding/fracture slips, carbonate stockwork veinlets.	19
8.5–11.6	75	DL	80°	10.0 - 15.3 (stockwork of CB v.'s; CA v.; slickens., graph.)	light grey thinly laminated DL, same CB stockwork as above, faulted upper contact, minor graphite → fractures, bedding slips.	41
11.6–14.6	74	70° / 50°				19
14.6–17.7	84	Bhm	30° CB v., 40° CB v.	15.3 - 25.8	Homolithic Breccia Bhm, border phase breccia, variable light grn (SE) to pink (KF) alt., KF strongest in fragments (early KF event?), framework supported - very angular, corroded edges, CB-mHS. matrix, faulted upper contact, gradational lower contact, variable clast size.	60
17.7–20.7	98		70° CB v., 40° CB v.			98
20.7–23.8	102		10° CB v., 50° CB v., 30° CB. v.			90
23.8–26.8	97	Bhta2	70° CB, CA, SE v.; 70° CB, CA v.; 35° CB v.	25.8 - 31.2	Heterolithic breccia (Bhta2) - darkish grey-red (KF) colour, matrix-framework supported, increased but rounding of fragments, presence of stronger HS and variability of clast types - DL & SLST/MDST, x-cutting CB veinlets., average clast ≈ 2.0 cm.	96
26.8–29.9	98		30° CB-CF v. 0.75cm; 85° CB-CF v. 1.0cm			92
29.9–32.9	92	Bhta2, 40°, 50°	40° CB v.; 20° CB-CP; 75° 2cm CB-CA-GE; 45° QZ-CB 1cm	31.2 - 33.2	Heterolithic breccia (Bhta1,2) - matrix-supported, greater variety of clasts, stronger HS, greater rounding of clasts, smaller average size - <1.0 cm.	75
32.9–36.0	98	Bhm 45°	30°; 40° CB	33.2 - 34.6	Bhm - as above	94
36.0–39.0	100		30° 1cm CB v.	34.6 - 70.6	Dark grey Bhta2 - purple-grey SLST/MDST dominant fragment type, subordinate KF alt. DL, orange-red jasper, CB rhombs in MDST clasts, - up to 1.0cm @ 41.0m, dominantly framework-supported.	98
39.0–42.1	100		60° 1cm CB v.; 25° 1cm CB v.; 55° CB v.s.			85
42.1–45.0	97		40° CB v. 0.75cm; 25° CB v.			93

ALTERATION: CB (A), KF (B), HS (C), SE (D), CA (E); FRACTURE INTENSITY; % VEIN QTZ.



PAGE 2 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY99-9

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. SUS. SI units x10-5	SCINT CPS
6.9-16.4 - tr. CP in CB veinlets, 6x ± tr. MC, NE		6.9	8.5	1.6	936940	196	4	<5	<0.2	5-10	60-70
		8.5	10.0	1.5	41	959	15	<5	<0.2		
										10-20	
15.3-16.4 - MC, NE tr-0.5% CP on fracts.		10.0	11.6	1.6	42	1100	13	<5	<0.2		
		11.6	13.1	1.5	43	476	17	<5	<0.2		
16.4-29.6 - 0.5%-1.0% PY - mostly euhedral (pyritohedrons) xtals. diss. in 6X.; xtals up to 2.0 cm, assoc. w/. SE, KF alt ± Bhm / Bht$_{a_2}$.		13.1	14.6	1.5	44	1455	12	<5	<0.2		
		14.6	15.3	0.7	45	922	14	<5	<0.2		
		15.3	16.4	1.1	46	1260	37	25	<0.2		70-80
		16.4	17.9	1.5	47	228	155	<5	<0.2		
		17.9	19.4	1.5	48	61	65	<5	<0.2	30-40	60-70
										10-20	70-80
		19.4	20.9	1.5	49	8	24	<5	<0.2	40-60	80-90
		Nwmt.	Strd.	SOT 11	936950	32	10	270	<0.2	10-20	
		20.9	22.4	1.5	51	11	10	10	<0.2	20-30	90-100
		22.4	23.9	1.5	52	10	21	5	<0.2		
		23.9	25.8	1.9	53	9	24	10	<0.2		
		25.8	27.3	1.5	54	19	57	5	<0.2		
		27.3	28.8	1.5	55	68	42	<5	<0.2		
		28.8	30.3	1.5	56	26	23	15	<0.2	10-20	
29.6-31.2 tr. diss. PY										20-30	
		30.3	31.8	1.5	57	55	20	10	<0.2	10-20	80-90
31.2-45.0 v. rare 5% Light CP in CB v. @ 42.5m		31.8	33.3	1.5	58	9	12	<5	<0.2		90-100 60-80
											80-90 60-80
		33.3	34.7	1.4	59	2	11	20	<0.2		80-90
		34.7	36.2	1.5	936960	12	11	<5	<0.2		
											90-100
		36.2	38.7	1.5	61	60	16	20	<0.2		
		38.7	39.2	1.5	62	52	19	<5	<0.2	20-30	
		39.2	40.7	1.5	63	13	16	<5	<0.2		
		40.7	42.2	1.5	64	18	15	20	<0.2		
		42.2	43.7	1.5	65	18	15	5	<0.2	10-20	90-90
											70-80 80-90
		43.7	45.2	1.5	66	<1	13	<5	<0.2		70-90

PAGE 3 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	BD
			35° CB v.	Bhta$_2$ cont'd.								
	98		70° CB v. 45° CB, CA v. water course	45.4 - 70.6 - CA, GE alt^n of CB veining in selected fractures - groundwater penetration.								72
48.2			50° CB v.									
	93		70° CB v. 0.5cm. 50° CB, CA, GE v. 55° 1.0cm	50.7 - fine PY/CP diss. grains or CB. in core of KF alt^n spots.								85
50												
51.2			20 CB v.									
	86		CB stockwork tr. CP, 70°, 40°, 50°									82
54.3												
55	100		60°-70° CB v.									58
55.5												
	90		45° CB v.									62
			5° GE, CA									
57.6												
	98	Bhta$_2$	70° 50° CB v's 1.0cm.									67
60												
60.4			20° CB. v.	62.0 - 64.5 - wk. CL development.								
	100		10° m. CA., GE									82
63.4			25°. CB, CA v., GE									
	106		30° 0.5 cm CB, CA GE									92
65												
65.8			20° CB v.	65.8 - wk. alignment of frags 45° to c.a., incr HS, 6x t^n, red jasper frags.								
	93		stockwork CB in clast 45° MnO_2									89
68.9												
	108		5° CB, GE, CA, HS.									74
70												
70.1			fractured. 70.6 - 99.8	light to dark grey laminated to thick bedded SLST/m. MDST, bedding 65° to c.a., wk. KF, CB alt^n, KF preferentially developed in coarse sedimentary fractions. - (78.1); developed adjacent to CB-HS veinlets (75.4) or spotted grains symmetrically developed around CB veinlets, finely diss. HS in coarse sed. fractions, micro-faulting of strata common, HS (often bladed texture) restricted to CB veining.								57
71												
72.2			50° CB v.									
	87	SLST	70° 0.8cm CB-QZ v.									80
74.4			10° 1cm QZ-CB v.									
75		MDST	offset irreg. CB v. 60°-70°									
	104		55° CB-QZ v. 1cm.									96
76.8			35° 1cm irregular CB v.									
	94		65° - S_0									77
78.6			10-45° hairline CB offset by CB @ 65°									
80	95		20°									72
81.7												
	103		70° CB v. 50° S_0									87
83.2			55° CB v.									
85	99		65° S_0									85
86.3			70° CB, HS v.									
	89											50
88.1												
	92		CB crackled zone	90.7 - KF, SI?, CB (rhombs) alt^n zone - 8.0 cm, developed along bedding.								66
90												

PAGE 4 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-4

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. SUSC. SI units x10⁻³	SCINT CPS
45.0 - 70.6 rare PY, CP in CB veining		45.2	46.7	1.5	936967	1	12	<5	<0.2	10-20	70-80
											80-90
		46.7	48.2	1.5	68	15	15	<5	<0.2		
		48.2	49.7	1.5	69	14	14	15	<0.2		
		49.7	51.2	1.5	936970	6	15	<5	<0.2		
50.3 - 54.3 - CP>PY in CB veined											
..crackled zone.		51.2	52.7	1.5	71	13	16	10	<0.2		60-80
		52.7	54.2	1.5	72	428	15	170	<0.2		80-90
											70-80
		54.2	55.7	1.5	73	9	12	<5	<0.2		
		55.7	57.2	1.5	74	9	13	<5	<0.2		
		57.2	58.7	1.5	75	10	14	<5	<0.2		
		58.7	60.2	1.5	76	3	14	15	<0.2		
		60.2	61.7	1.5	77	<1	13	20	<0.2		
		61.7	63.2	1.5	78	<1	15	<5	<0.2		80-90
											70-80
		63.2	64.7	1.5	79	4	17	<5	<0.2		80-90
		64.7	66.2	1.5	936980	1	16	30	<0.2		90-100
											70-80
		66.2	67.7	1.5	81	2	16	10	<0.2		80-90
		67.7	69.2	1.5	82	3	13	15	<0.2		
											70-80
		69.2	70.6	1.4	83	1	11	5	<0.2		
70.6 - 90.0 rare 5" grains		70.6	72.6	2.0	84	1	10	5	<0.2		
		72.6	74.6	2.0	85	6	11	60	<0.2		
		74.6	76.6	2.0	86	8	10	10	<0.2		80-90
											70-80
		76.6	78.6	2.0	87	<1	10	<5	<0.2		
											80-90
		78.6	80.6	2.0	88	<1	10	<5	<0.2		70-80
		80.6	82.6	2.0	89	<1	11	<5	<0.2		
		82.6	84.6	2.0	936990	<1	9	10	<0.2		
		84.6	86.6	2.0	91	<1	10	<5	<0.2		
		86.6	88.6	2.0	92	3	11	<5	<0.2		
		88.6	90.6	2.0	936993	9	11	5	<0.2		

PAGE 5 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-4

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
91.1			55° 8cm CB-KF alt'n zone	SLST/MDST cont'd.								
	104		150° - CB, HS microfault.									56
93.6												
94.5	89	Grey.	65° - coarse CB-HS pods.	95.9 - 97.9. KF (pink) - SE (green)								50
95		SLST	60° S_0	alt'n envelopes & CB-HS veinlets								
	92	MDST	60° 2cm CB-HS V.	developed along bedding.								75
96.9			55° CB-HS-SE+KF envelopes									
	100		40° irreg. CB V. X-cut alt'n	98.6. CB vein flooded zone w/								89
100	100.0		30° cm CB-HS. 99.8 - 112.9	coarse bladed HS.								
		45°	30° CB V.	Bhta$_2$ - heterolithic breccia - Purplish-								
	100		35° GE	Grey MDST/SLST clasts, maroon MDST								77
102.1	92		25° GE	clasts, KF alt'd DL / laminat'd DL								69
103.0			70°	clasts → most abdt., lesser jasper								
	92		35° GE	frags, banded HS - jasper clasts (100.6),								60
105	105.5		15° GE	clast angularity variable subangul. to								
		Bhta$_2$	30-35° GE	subrounded, dominantly framework								
	102			supported, low overall alt'n, HS.								92
108.8				104.2 - maroon mud encloses brick								
110				red fragments								
	92		45° 1cm CB V. broken zone	104.5 - grit-size fragments graded								72
111.3				up from maroon MDST								
112.2	78		broken zone.	bed?								32
	73		40° 112.9 -									
113.7			fault gouge	109.1 - similar sorting to above								24
	67		5°-10° - CB-GE-CA V.	clastic bx? clasts are well								18
115	114.9											
		SLST	45° - 3cm CB V.	rounded & similar to larger								
	93	MDST	20° S_0, CB V.	clasts elsewhere in bx.								85
117.7			crackled CB V. zone.	111.6 - 113.7 fractured, faulted zone.								
			20° 1cm CB-HS V.	112.9 - 143.0 mass. purplish-grey SLST/MDST, minor thin								
	100		10°	beds, bedding 20° to 30° to c.a.,								85
120												
120.7			45° - 35cm CB V. 20° CB, CL V.	purplish tinge → pervasive HE, v.f.g. HS								
121.6	100		KF alt'n front.	truncated coarse beds / graded beds								56
			10° 1.5cm CB-CL V.	indicate tops ↑. ← 133.7m, 143.0m.								
	98		20° CB, CL, HS V.	two alteration events. ① pervasive								84
124.4			parallel to S_0	HE/HS and CB-HS veining, KF alt'n								
125												
	97		50° 1cm CB V.	parallel to bedding and in x-cutting								90
			20° - 1cm CB-GE-CA V.	fractures ! ② x-cutting mostly								
127.4			20° patchy CB alt'n	CB veins.; abdt. microfaulted fractures.								
	98		22° S_0	124.6 - speck of BO in core of								88
130				KF alt'n spot.								
130.5			25° - 60° CB V.	122.7 - wedge of bx. - clastic?								
	98			in sedimentary trough in								90
			35° CB V.	purplish grey MDST.								
133.5												
135	94		50° 3cm CB-CL									61

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. SUSC. SI units x10⁻⁵	SCINT CPS
90.0–135.0 rare 5" grain		90.6	92.6	2.0	936994	6	10	<5	<0.2	10-20	70-80
		Nwmt.	Std.		936995	120	6	435	2.0		
		92.6	94.6	2.0	936996	<1	13	<5	<0.2		
		94.6	96.6	2.0	97	<1	14	<5	<0.2		
		96.6	98.6	2.0	98	3	16	5	<0.2		80-90
		98.6	99.8	1.2	99	6	15	<5	<0.2		
		99.8	101.3	1.5	937000	3	15	15	<0.2		
		101.3	102.8	1.5	933751	2	16	<5	<0.2		70-80
		102.8	104.3	1.5	52	2	15	<5	<0.2		
		104.3	105.8	1.5	53	<1	11	<5	<0.2		
		105.8	107.3	1.5	54	<1	17	<5	<0.2		
		107.3	108.8	1.5	55	<1	16	<5	<0.2		
		108.8	110.3	1.5	56	<1	14	<5	<0.2		
		110.3	111.8	1.5	57	<1	10	<5	<0.2		
		111.8	112.9	1.1	58	2	10	<5	<0.2		
		112.9	113.7	0.8	59	1	8	<5	<0.2		
		113.7	115.2	1.5	933760	1	10	15	<0.2		
		115.2	117.2	2.0	61	<1	10	<5	<0.2		
		117.2	119.7	2.5	62	3	13	10	<0.2		80-90
		119.7	121.7	2.0	63	22	14	<5	<0.2		
122.6 - tr. MC, NE on fracture		121.7	123.7	2.0	64	57	15	<5	<0.2		
124.6 - tr. CP in CB, HS v. one grain BO in KF alt'n spot.		123.7	125.7	2.0	65	37	13	10	<0.2		
		125.7	127.7	2.0	66	1	11	<5	<0.2		
		127.7	129.7	2.0	67	1	15	<5	<0.2		70-80
		129.7	131.7	2.0	68	4	13	<5	<0.2		
		131.7	133.7	2.0	69	4	16	<5	<0.2		
		133.7	135.7	2.0	933770	<1	14	<5	<0.2		

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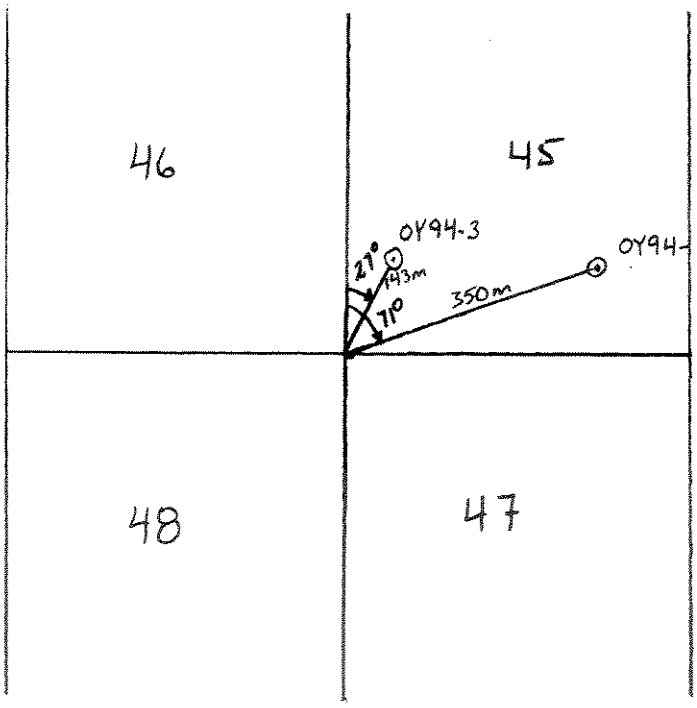
DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CB A	KF B	HS C	SE D	CA E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
135.3			broken core CB, GE, CA.	SLST/MDST cont'd.								
	90	SLST	60° CB v.									68
137.8		MDST	55°	137.7-139.9 · poorly sorted SLST w/. subang -								
	108		patchy CB-HS	subrounded clasts up to 1.0 cm,								71
139.0			90° CB-HS v.									
140				alt'd - HE, jasper, KF, SE fragments.								
	86		55°- CB, GF, CA v.									49
141.1			30° CB-HS v. = S_0	similar to larger fragments in								
			cut by									
	103		40° CB-HS v.	heterolithic breccia, ∴ strata								51
143.0			30° S_0 = CB, HS v.	laid down during or post brecciat°								
EOH				event.								

PAGE 8 OF 8 | PROJECT: OLYMPIC | HOLE NO. OY94-4

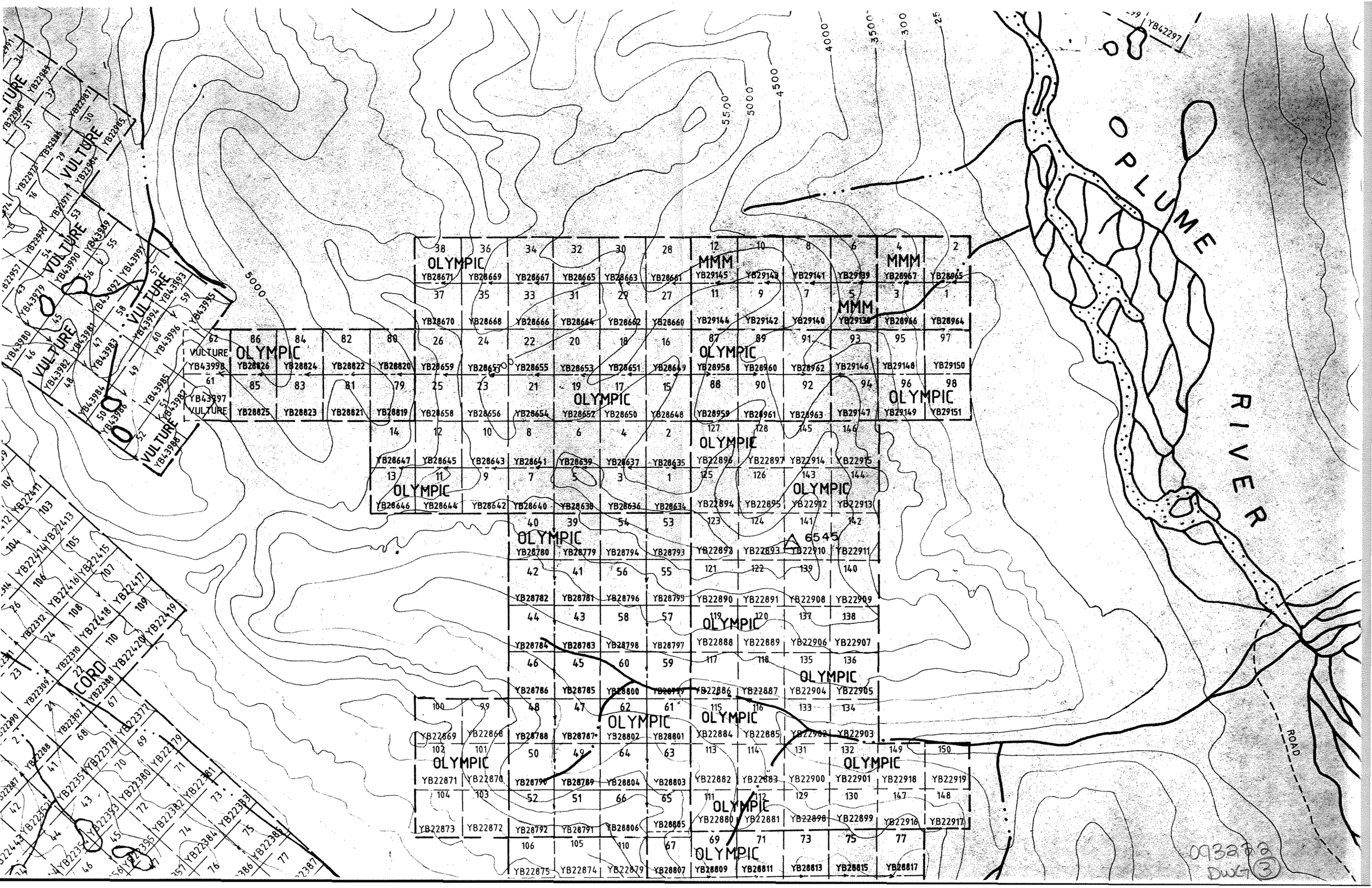
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Au ppb	ASSAYS Ag ppm	MAG. SUSC. SI units X10⁻⁵	SCINT CPS
135.0 - 143.0 EOH - rare 5"		135.7	137.7	2.0	933771	<1	16	10	<0.2	10-20	70-80
		137.7	139.7	2.0	72	<1	14	<5	<0.2		
		139.7	141.7	2.0	73	<1	16	60	<0.2		
		141.7	143.0	1.3	933774	3	12	170	<0.2		60-70



Drillhole location Map
Olympic Property
Fairchild Project, Yukon
Scale 1:10,000

PLUME
RIVER
ROAD
OLYMPIC
MMM
VULTURE
CORD
JOLI
5000
6545
093222
DWG 1

VULTURE
OLYMPIC
MMM
JOLI
CORD
RIVER
ROAD
6545
5000
093888
DWG


OLYMPIC
VULTURE
MMM
CORD
OPLUME
RIVER
ROAD
5000
5500
4500
4000
3500
300
25
6545
093278
DWG 3