093437

1995 DIAMOND DRILLING REPORT ON THE TVA MINERAL CLAIMS

Located in the Slats Creek Area
Mayo Mining District
Yukon Territory, Canada

NTS 106D/16

65° 55' North Latitude
134° 16' West Longitude

prepared for

NEWMONT EXPLORATION LIMITED
Denver, Colorado

prepared by

PAMICON DEVELOPMENTS LTD.
Michael A. Stammers, P.Geo. FGAC

Dates Work Performed: August 6-24, 1995

Date of Report: October 1995

October 30, 1995

Mr. David Wiebe
Mining Recorder
Mayo Mining District
Box 10
Mayo, Yukon
Y0B 1M0

Dear David,

Please find attached diamond drill logs (Section I) and a sketch map showing drill collar (Section II) for work applied for 1995 assessment credits for our TVA property.

Yours very truly,

Michael A. Stammers, P.Geo. FGAC.

Encl: Log
UT95-6
Figure
UT96-6 Location Map

SECTION I

DRILL LOG

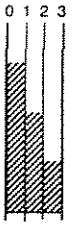
UT95-6

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: FALCON - URSUS	GROUND ELEV.: 1843 m
HOLE NO.: UT95-06	BEARING: 120°
LOCATION: URSUS GRID 2968E / 3000N ; UTM COORDINATES 7210855N 534925E	DIP: -50° AT COLLAR
	TOTAL LENGTH: 303.58 m (996')
LOGGED BY: MURRAY JONES	HORIZONTAL PROJECT: 195.5 m
DATE: AUGUST 19, 1995	VERTICAL PROJECT: 232.0 m
CONTRACTOR: FALCON DRILLING	
CORE SIZE: NTW	
DATE STARTED: AUGUST 18, 1995	
DATE COMPLETED: AUGUST 23, 1995	
DIP TESTS: ACID @ 175.3 m - -47° DIP; ACID @ 303.3m - 60° DIP; ACID @ 231.0 m - -49° DIP	

ALTERATION SCALE



absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

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

COMMENTS

STANDARDS - 4950 - MS2
5000 - GO2
5050 - MS1
5100 - MS2

DRILL COLLAR LOCATED ON CLAIM # YB 22512

CORE STORED AT COPPER POINT BASE CAMP, SLAB MINERAL CLAIMS

LEGEND - Abbreviations

MG - MAGNETITE	CL - CHLORITE
CB - Fe CARBONATE	KF - K FELDSPAR
HS - SPECULARITE	QZ - QUARTZ
HE - HEMATITE	PY - PYRITE
CP - CHALCOPYRITE	DO - DOLOMITE
MS - SERICITE	GY - GYPSUM
FL - FLUORITE	MC - MALACHITE
BI - BIOTITE	GE - GOETHITE
SI - SILICA	
bx - breccia	cnt - contact
mx - massive	frac - fracture
dissd - disseminated	w/ - with
tr - trace	t/c - throughout
altn - alteration	assoc'd - associated
vn/vnlt - vein(let)	fg - fine grained
shr - shale	lt - light
sst - sandstone	blk - black
	med - medium
bht - hetero thic breccia	hmh - homolithic bx

PAGE 1 OF 28	PROJECT: FAIRCHILD - URSUS	HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Fe) CB	B CL	C HS	D KF	E MG	FRACTURE INTENSITY (MS)	% VEIN QTZ	BA
					0.0 - 2.00 CASING								
			di		2.00 - 20.74 DIORITE / HOMOLITHIC BRECCIA								
	65	98		37 CB-QZ-BA-HS-CP vn; Fluorite	- very heterogeneous section, diorite is variably altered, commonly veined, brecciation common								
				60 AC CB vn; 25 FeCB-QZ-CP vn	- lt grey to greenish grey, mottled tx mostly due to alteration, brecciation								
5.0					- MG t/o, as disns, lenses, and in veinlets and fractures, does replace phenos								
	86	99			- fgx textured diorite where original tx still visible								
					- overall diorite appears to be fairly homogeneous - Mag. Susceptibility indicates generally same level of magnetite development throughout rock prior to veining. (~25000)								
					- Fe-CB, QZ-HS veining throughout - intensity and size vary - locally w/ SD, BA, GY, MG, CP, PY								
10.0	87	99			- CP commonly replace MG - disn in mx lenses								
					2.00 - 3.40 - vein/bx zone - highly disrupted diorite w/ patchy MG development, irregular CB-BA-QZ-HS xcut by late CB-CP veins								
	83	94			8.53 - 10.98 - series of 4 - 20cm MG-HS-CB-BA-QZ-CP-PY veins, CB filled tension gashes								
				53 slip	10.98 - 20.74 - purplish cast to rock - possibly due to HE, not hard enough for KF altn.								
15.0				40 FeCB-HS-BA-QZ-MG-CP-PY vein/bx	- locally intensity of CB vnlts increases, gash veins, fracs etc								
	64	91			generally, veinlets and fractures are quite irregular								
					multi-mineralic veins w/ QZ-CP selvages w/ CB + HS internal - HS may xcut CB - BA quite late - w/ CP, HS								
	59	95		64 frac irregular; 33 vein QZ-CP vn									
20.0				43 sheared contact									
	75	99	ab sh/slts	31-S	20.74 - 24.02 [illegible] SHALE / SILTSTONE								
					[illegible]								

 PROJECT: FAIRCHILD - URSUS HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION
	75	99	do shl/ slts	31 35	61° PY vn - diss'd zone w/ alt'n	well foliated layers and thicker homogeneous layers, slts variably altered
						more developed - the porphyroblasts CB too / in siltstone layers
			blnt			- layering commonly disrupted by veining and bxn
25.0				Δ		- bx matrix and veins consist mostly of CB
	81	95		Δ		and/or MG - also QZ.
				Δ		20.74 - 24.02 - strong KF alt'n - rock is moderate
				35	QZ-CB vn	reddish colour, generally pervasive but colour
				Δ		is stronger in shaley layers
				Δ		orbicular features noted within section - altered
						porphyroblasts or primary textures?
	83	93		Δ Δ	24.02 - 28.50	HETEROLITHIC BRECCIA
		Fac 47° slicks		40	S1	- KF alt'd clasts in CB-MG rich bx matrix
			bx'd	5	frac - offsets vn. left laterally	below 25.01, strong MG alt'n of clasts minor CB
30.0			do			veining - patchy KF and MS alt'n - KF
			shl/ slts	36	QZ-CB-HS-CP vn	mostly in clasts, MS in matrix w/ CB.
				60	28.50 - 49.13	DOLOMITIC SHALE/SILTSTONE - BRECCIA
	91	100				- strongly altered, brecciated sediments
						- chloritic?, w/ local zones of diorite? and
				33	QZ-CB-HS-CP vn	heterolithic breccia, crackle bx'n
						- overall very heterogeneous rock, reddish to green colours
						- MG as porphyroblasts, lenses, veinlets ubiquitous.
	61	98				- KF alt'n variable
35.0						- repeated zones of QZ-CB veining/bx'n - w/ HS, CP, PY
						30.60 - 32.90 - zone of ~3 QZ-CB vns, w/ strongly
					CB porphyroblasts	chl'tic wall rock, also local KF alt'n - HS
						content increased in wall rock/vein
						35.40 - 36.60 - broken, sheared core - fault?
	49	95		25	CB vn - slip on contact HE slicks	36.60 - 39.40 - bx'd section w/ veining QZ-CB
			Δ Δ			- minor CP-HS in strongest bx'n - QZ-CB veins bx'd
			Δ Δ			also.
					QZ-CB vein - CP, HS	- KF reduced CL increased - esp. below 38.45
			Δ			- CB in tension gashes, fracs
40.0						39.40 - 49.13 - variably alt'd, crackled bx'd
	75	98		38°	slip	do sltl, to bhm - strong HS in bx matrix,
						also CL - KF alt'n of bx clasts - also
						HE
				25	HS-MG-CP vn/ [illegible]	[illegible]
						42.00 - 43.35 - vein/bx zone - QZ-CB-HS-CP
						veining in strongly MG alt'd and bx'd
	38	49				[illegible] - also strong in host rock
						40 cm [illegible] HS-MG vein w/ CP masses, cut
						by QZ-CB vns - similar to [illegible] in surface showing
45.0						

ALTERATION: (Fe) CB A | CL B | HS C | KF D | MG E | FRACTURE MS INTENSITY | % VEIN QTZ.

PAGE 4 OF 28 | PROJECT: | HOLE NO. W95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT	Sheet
		22.50	24.00	1.50	49/5	110	1900	155	<0.2	4-9000 20000 2-5000	
24.02 - 25.01 - tr PY CP in matrix of bx		24.00	25.00	1.00	16	10	272	41	<0.2	20-30000	
25.01 - 29.85 - tr - 0.25% PY + 0.25% CP as disem, blebs along fracs - small wall mineral. gash zones avoid wall x cutting veins - CP/PY/sphen MG.		25.00	26.50	1.50	17	40	2580	65	<0.2		
		26.50	28.00	1.50	18	20	512	127	<0.2		
25.95 - 26.50 - tr/1/alt bleb assoc w/ CB-QZ-HS vein, 2-3% CP/PY as disem blebs. - CP in cutting vein w/ QZ-HS		28.00	29.50	1.50	19	<5	214	57	<0.2	7-9000	
29.85 - 30.60 - 1-3% PY, disem blebs, tr CP		29.50	30.60	1.10	20	<5	44	177	<0.2		
30.60 - 32.90 - 1-2% PY as disem blebs. 0.25% CP in blebs in QZ-CB veins, fracs - tr MC		30.60	31.80	1.20	21	<5	271	164	<0.2	15-30000	
		31.80	33.00	1.20	22	<5	723	78	<0.2		
32.90 - 36.90 - tr CP in fracs - MC common on fracs		33.00	34.50	1.50	23	<5	295	26	<0.2	5-7000 1-5000	
		34.50	36.00	1.50	24	<5	254	27	<0.2		
		36.00	37.50	1.50	25	<5	909	44	<0.2		
36.90 - 39.40 - 0.5% PY as disem blebs/fract veinlets - also 1.0% CP blebs in QZ-CB veins in fracs - in small matrix w/ HS in heavily fract sections - MC in fractures		37.50	39.40	1.90	26	245	0.98%	178	<0.2	1.000	
		39.40	40.90	1.50	27	25	685	38	<0.2	7000 2-4000	
39.40 - 42.60 - 0.25 - 0.5 % CP as blebs in fracs in QZ-CB-HS		40.90	42.00	1.10	28	10	1110	50	<0.2		
42.00 - 43.35 - upto 5-8% CP/PY locally - overall 2-3% as massive blebs in qtz bx - also disem in MG - 1% PY overall pervasive fine CP inclusions in small disem blebs		42.00	43.35	1.35	29	345	1.63%	113	<0.2	20000	
		43.35	44.85	1.50	30	25	2230	77	<0.2		
43.35 - tr - 0.5% PY + CP as disem in mafics and alter chlorite		44.85	46.35	1.50	31	35	1315	72	<0.2		

 PROJECT: FAIRCHILD - URSUS HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CB A	CL B	HS C	KF D	MG E	FRACTURE 3S INTENSITY	% VEIN QTZ.
45.0			bxd										
			do										
			shl/	25°	slip? [illegible] CL								
	80	95	slts			46.25 - 49.13 - [illegible] brown spots - [illegible] patches assoc'd w/ fractures, [illegible] to [illegible] and [illegible] - Mn stain? [illegible]?							
						49.10 - 49.13 - shear, gouge, broken core.							
				55°	S_1								
			int. contact	65°	49.13 - 58.87	SHALE / SILTSTONE							
	50	90	shl/ slts			- lt greenish grey colour, fgr. to aph.							
50.0						- bedding generally disrupted, thin shale beds / massive siltstone - bedding apparent							
						- minor bx'n t/o section, weakly altered							
				58°	Bx'd [illegible]	purplish red to pink KF and/or HE							
						- MG porphyroblasts, smallish, dissd. - < 1%							
	44	94				- [illegible] common, CB vnlts, CL - QZ selvages, minor [illegible] sulphides assoc'd - CB - CL in bx matrix also							
				68°	S_1 - bxd layer								
55.0						- core is jumbled - further detail untenable							
	69	95											
				45°	- QZ CB vn w/ CP								
				60°	S_1								
				35°	QZ-CB-CL-CP - vn contact [illegible] - cut irregular							
	73	92		35°	- sheared contact - MC, HE, GE								
			bxd shl/ slts		58.87 - 90.06	SHEARED / BRECCIATED SHALE / SILTSTONE							
60.0						- strongly altered to 66.18							
			30° slip	55°	- slip - CP zone	- unit is so disrupted, makes distinction of meta-sediment and breccia units difficult.							
						- shears commonly w/ oxidized material, blackish mixture of CL - HS - HE - GE							
	74	96		35°	slip	- MG occurs locally, very minor t/o [illegible] in [illegible] sections - [illegible]							
				15°	- HS - CB vn	[illegible]							
65.0	92	98											
				[illegible]	[illegible]	[illegible]							
	66	93				[illegible]							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co	ASSAYS Ag	MAG. SUSCEPT	SCINT
										2-3000	70-100
		46.35	47.85	1.50	4932	<5	75	40	<0.2		
		47.85	49.13	1.28	33	<5	168	30	<0.2		
49.13-58.87 - tr CP, PY generally in weakly bxd alt'd sections; also CP blebs in QZ-CB veins.		49.13	50.65	1.52	34	15	150	16	<0.2	50 / 750	60-80
		50.65	52.15	1.50	35	<5	14	13	<0.2	2-3000 / 300	
		52.15	53.65	1.50	36	<5	33	14	<0.2	30-90 / 1500	
		53.65	55.15	1.50	37	<5	68	12	<0.2	40-70 / 1200 / 100-800	
		55.15	56.65	1.50	38	<5	223	15	<0.2		
		56.65	58.87	2.22	39	<5	875	24	<0.2	1200-2500	
		58.87	60.15	1.28	40	155	3880	37	0.8	20-70	
58.87-66.18 - CP occurs in small weathered masses locally, otherwise trace dissm. 0.5% overall. MC in slips/shears, assoc'd w/ weathered masses.		60.15	61.50	1.35	41	70	4650	37	0.8		70-100 / 80-200
60.15-62.50 - 1% CP, as small masses. [illegible]		61.50	62.50	1.00	42	220	7710	47	1.0		160
		62.50	63.75	1.25	43	90	1965	32	<0.2		
		63.75	64.95	1.20	44	305	3900	52	<0.2		100
		64.95	66.15	1.20	45	115	5890	90	<0.2	300-500	
[illegible]		66.15	67.65	1.50	46	10	469	77	<0.2		
										40-90	

PAGE 7 OF 28	PROJECT: FAIRCHILD - URSUS	HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE	STRUCTURE NOTES	GEOLOGICAL DESCRIPTION
	66	93	bxd sht/ sh/s			[illegible] and veining commonly throughout
						- HS also occurs as [illegible] replacing MG?
						- CL, - MS on fractures
				50	frac - slicks	- is this section faulted/altd bxt? - possibly
70.0						KF altd clasts. CB·CL·MS matrix
						- CB·QZ veining, commonly w/HS. t/o
	49	96		20	slip HE	section - CP [illegible] also
						- shear [illegible] quite irregular
				70	slip - HE	
				53	fracture - slicks	
	46	93				
75.0				45	HS altn along frac	
				50	frac - slicks	
	59	92				
80.0	78	101				
				40	slip	
				49	slip - HE	
	53	96				
				30	shear fabric	
85.0						
				25	cnt of vein/bx zone	85.50 - 85.85 - HS·CL·CB vein bx zone - tr CP, MG
	94	98				85.85 - 87.05 [illegible] [illegible] matrix HS [illegible]
				40	frac	[illegible]
						87.05 - 87.96 - HS·CL in bx matrix CB vein [illegible]
				35	frac	[illegible]
						[illegible]
	56	89				[illegible]
90.0						

ALTERATION					FRACTURE INTENSITY	% VEIN QTZ.
CB A	CL B	HS C	KF D	MG E	MS	

PAGE 8 OF 28 | PROJECT: | HOLE NO. WT95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT.	
		67.65	69.15	1.50	4947	70	590	70	0.4	40-90	
		69.15	70.65	1.50	48	30	567	60	<0.2		
		70.65	72.15	1.50	49	10	643	43	<0.2	400	
		STANDARD MS2			50	135	128	8	0.2		
		72.15	73.65	1.50	51	10	779	40	<0.2		
		73.65	75.15	1.50	52	10	405	37	<0.2	150-400 / 65-200	
		75.15	76.65	1.50	53	<5	301	44	<0.2		
		76.65	78.15	1.50	54	10	702	59	<0.2		
		78.15	79.65	1.50	55	15	182	68	<0.2		
		79.65	81.15	1.50	56	5	230	67	<0.2	1500	
		81.15	82.65	1.50	57	15	365	79	<0.2		
		82.65	84.15	1.50	58	10	130	124	<0.2	30 / 700	
		84.15	85.50	1.35	59	20	353	38	<0.2		
85.50 - 100 [illegible]		85.50	87.00	1.50	60	170	1390	145	<0.2	150-6000	
		87.00	88.50	1.50	61	25	853	45	<0.2		
		88.50	90.00	1.50	62	5	243	21	<0.2		

 PROJECT: FAIRCHILD - URSUS HOLE NO. UT95-04

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CB A	CL B	HS C	KF D	MG E	FRACTURE INTENSITY m S	% VEIN QTZ.
90.0	56	84	unknown cut	55°	90.06 - 121.36	HETEROLITHIC BRECCIA							
			bht		55° CB-HS-QZ-CP vn	- generally matrix supported - matrix is							
				123	HS-CB-CP vnlts	CB-rich w/minor feldspar and MS - QZ blebs							
	83	96				clasts are generally reddish due to hematization							
						- lighter red [illegible] seems to generally							
					vns	be due to KF altn. - [illegible] laminated							
						- MG [illegible] blebs, common tho [illegible] and as							
						selvages to QZ-CB vnlts							
						90.06 - 92.47 - KF, MG strong - also CB in							
				45	CB-HS-QZ-MG-CP vnlts	veins, and [illegible] porphyroblasts QZ in veins.							
95.0	59	125		15°	slip - CL-HS	HS-CP veinlets cut through							
						95.78 - 98.15 - zone of CB-QZ veining - dark							
				45	CB-QZ-HS vn	reddish brown to purplish-grey colour							
						HS-QZ-CB-MS veins crosscut							
						- transition zone to alt'd seds - CB porphyroblasts							
				50°	mx HS-PY-CP vein	[illegible] seds							
	75	99				98.15 - 104.23 KF alt'd seds, alt + veining (CB-HS-							
				38°	HS-CB-CP vnlts	QZ-CP) - likely shale/siltstone.							
				48°	S_1	- layers/bnd's of mx MG-HS - CB-sulphides							
				45	CB-QZ-CP vn	replacing [illegible] - later oxidation of							
100.0				47	CB-HS-CP-BA vn	MG alters to brown - oxide? seen commonly.							
				42	S_1	- also layers replaced by dark brown coloured							
	71	96		53	frac.	mineral - [illegible] - possibly stain							
						- CB common, rock is soft in non-KF alt'd							
						layers - poss some bx'n as well.							
						102.28 - MG increases							
				35	S_1 - weakly folded	103.58 - 104.23 - bx'n increasing, very strong							
				68	slip - cuts MG layers	MG in matrix							
						104.23 - 105.44 - lt grey to buff bx ghost-like clasts							
105.0	94	96				fairly solid [illegible] matrix. MG-CB in matrix.							
				51°	CB-HS-CP vein	105.44 - 106.25 - CB-HS-CP veining. HE in matrix of							
						bx, reddish colour overall, hematized fragments.							
						106.25 - 121.31 bx lt grey to reddish grey.							
						MG in blebs, lenses, veins + [illegible] locally CB-HS-							
						CP veins HE common in matrix - [illegible]							
	60	91		40	frac	- MG occurs, apparently preferentially in some clasts							
						- HS seems common also - slip's? - minor							
						[illegible] of HS in matrix.							
						109.20 - 109.51 - CB-HS-CP vn [illegible] parallel to core							
110.0						axis - CB porphyroblasts in wallrock.							
	72	98			frac.								
			frac	35°									
						112.0 - 117.50 - more [illegible] appearing bx - [illegible]							
	73	97				[illegible]							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT.	SCINT
90.06 - 92.47 0.5 - 1.0 % py in blebs in CB-QZ vns, also diffuse replacing mg. HS. in remnant HS.		90.00	91.25	1.25	4963	40	2890	40	<0.2	20000 - 40000	Lo
		91.25	92.50	1.25	64	10	142	37	<0.2		
92.67 - 95.78 - tr-0.25% CP, PY normally in vns, CP generally as blebs in CB-QZ vns.		92.50	94.00	1.50	65	100	465	43	<0.2	5-8000	
		94.00	95.75	1.75	66	20	443	51	<0.2		
		95.75	97.15	1.40	67	35	757	119	<0.2	90-150	
95.78 - 97.32 - tr-0.25% CP, diss. blebs in CB-QZ veins											
97.32 - 98.15 - 2-3% PY CP as vnlts & massive diss blebs assoc w/ HS-CP vns and CB-QZ vns.		97.15	98.15	1.00	68	220	5180	166	<0.2	2-6000	
		98.15	99.65	1.50	69	75	1290	215	<0.2		120
98.15 - 104.23 - tr-0.5% CP, minor PY as diss in HS-MG, and as blebs in CB-QZ-HS veins.										15000	
		99.65	101.15	1.50	70	30	864	243	<0.2		
										15000	
		101.15	102.65	1.50	71	45	870	144	<0.2		
											70-110
										15-30000	
		102.65	104.15	1.50	72	105	1940	290	<0.2		
104.23 - 105.44 - tr CP-PY, diss in MG, also in fract		104.15	105.44	1.29	73	40	1225	140	<0.2		
105.44 - 106.25 - 0.5-10% CP, in blebs mass. in CB-HS vein - mostly upper part of zone.		105.44	106.44	1.00	74	140	2130	178	<0.2	40000	
106.25 - 114.10 - tr-0.25% CP minor PY as diss in MG-HS mostly, - locally ex HS-MG veins.		106.44	107.94	1.50	75	25	611	50	<0.2		70-90
		107.94	109.20	1.26	76	25	458	59	<0.2		
109.20 - 109.50 - 1-2% CP in CB-HS vein.		109.20	110.20	1.00	77	10	182	51	<0.2		
		110.20	111.70	1.50	78	5	330	45	<0.2		
										25-40000	
		111.70	112.80	1.10	79	40	774	84	<0.2		

 PROJECT: FAIRCHILD - URSUS HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
	78	97	bht	65 CB-HS unlts	112.80 - 112.90 - mx HS Mt vn w/ dissd CP.
					114.10 - 117.43 - section dominated by CB-HS-MG-CP veining - numerous cut core but larger vein is subparallel to core axis - wanders in and out of core - one vein? - hosted by more heterogeneous bx - reddish clasts common
115.0	68	94	CB-HS -CP vn	65 - CB-HS-CP vein; CB-HS-CP vein.; 35 - CB unlt	
120.0	97	101		CB-HS unlts; 75 - CB-HS-CP unlt; 33 - mx MG layer w/ PY, CP	
	81	97	bhm	121.31 - 139.35; CB-HS-CP unlts; 52 - frac narrow bleached envelope; 75 - CB-HS-CP vn	HOMOLITHIC BRECCIA / CRACKLE BX'D DOL. SHALE - [illegible] +/0 - hematization in shaly layers - possibly weak KF altn -> matrix not too soft. CB [illegible] prevalent in thicker layers - locally, compositional layering evident though generally it is deformed. - MG +/0 - as lenses, replacements along layers in veins/pods - especially lower in section - late CB-HS-CP veins common. - locally bxn is more intense
125.0	53	94		41 - CB stringer; 53 - mx MG seam - CP - crosscuts; 10 - frac sel - CB-QZ unlts	
	71	96		53 - S1 - bx'd; bx - subparallel to core axis	128.50 - 129.60 - MS increased assoc'd w/ matrix of bx 128.90 - 129.35 - bx'd section - also broken core - fault?
130.0	69	99		65 - mx MG-HS seam - subparallel to core axis; 45 - CB-QZ - frac	
135.0	62	39		HS-CP-CB vn; CB-HS-CP vn	

ALTERATION: CB (A), CL (B), HS (C), KF (D), MG (E); FRACTURE INTENSITY; MS; % VEIN QTZ.; HE

 | PROJECT: | HOLE NO. LU95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT	SCINT
		112.80	114.10	1.30	4980	85	1990	126	<0.2	25-40000	70-110
114.10-117.43 - 0.5-2.0% CP, PY, generally as dissem blebs in veining - minor replacement in clasts, MG lenses.		114.10	115.43	1.33	81	50	1030	181	<0.2		
		115.43	116.43	1.00	82	190	2490	150	<0.2		120
		116.43	117.43	1.00	83	40	1250	80	<0.2		
117.43-121.31 - 0.25-0.50% CP, PY as dusts replacing MG-HS - tr MC on fracs.		117.43	118.93	1.50	84	20	590	66	<0.2		60-98
		118.93	120.31	1.38	85	30	878	83	<0.2		
		120.31	121.31	1.00	86	85	1685	264	<0.2		
121.31-129.60 - tr-0.5% CP, PY, generally in CB-HS veins - but also dissems assoc'd in MG-HS, and in hostrock. - tr MC on fracs.		121.31	122.81	1.50	87	2.5	1315	81	<0.2	7-20,000	
		122.81	124.31	1.50	88	15	1390	69	<0.2	25000	
		124.31	125.81	1.50	89	5	384	54	<0.2		
		125.81	127.31	150	90	15	675	70	<0.2		
		127.31	128.81	1.50	91	10	460	122	<0.2	25000	
		128.81	130.31	1.50	92	10	682	71	<0.2		
129.60-137.06 0.25-0.5% PY, as dissem blebs - particularly in MG-HS lenses, but also in bx matrix and clasts, CB-QZ-HS veins. tr-0.25 CP - similar occurrences. tr MC on fracs.		130.31	131.81	1.50	93	15	911	107	<0.2		
		131.81	133.31	1.50	94	10	700	118	<0.2	25000 / 2500	
		133.31	134.81	1.50	95	<5	477	57	<0.2	5000	
		134.81	136.31	1.50	96	15	567	230	<0.2		

 PROJECT: FAIRCHILD URSUS HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
135.0	62	89	bun / ba. sil	51 · 2cm CB-QZ-HS-CP vn; 40 contact · irregular	
			di	12 · frac.	136.35 - 137.06 diorite dyke - very alt'd, MG+CB porphyroblasts, purplish colour
	63	104			· 137.06 - 139.35 - several small dykelets similar to section above
			BH		139.35 - 179.40 HETEROLITHIC BRECCIA
140.0	75	95			- generally matrix supported bx, locally homolithic breccia
					- clast size quite variable. generally not a wide variation in colour - locally reddish due to hematization. also, KF alt'n locally.
	84	97		17 - MG-HS-CB vn	
				55 · frac. slicks.	- overall rock is med. grey colour. darker colour partly due to strong MG HS content.
					- MG - strong alteration throughout. locally MG reduced around CB-HS veins - replacement or remobilization (of Fe to veins)
145.0	99	100			- HS common in veins, minor bx/vein zones.
				75 · frac.	- other than HS-CB-CP-PY vein/bx zones veining is not common, as in other sections of the hole
	95	97			- rock is also not well fract'd.
				25 · CB-HS-CP vn	- weak KF alt'n, occurs in scattered clasts
					- MS(?) occurs in bx matrix, and in clasts.
				HS-CB mlt/frac.; 23 / 35 · frac. slicks	- MG replacement in clasts common
150.0					140.60 - 144.61 - lt yellowish green colour - due to generally enhanced CB content. possibly MS, too.
	97	98		30 · MG seam · vein?	141.80 - 142.40 - reddish area, clast? HE [illegible] surrounds HS-CB-CP vein
					144.61 - grey colour, CB-MS in matrix. MG in matrix and clasts. HS [illegible] in matrix [illegible] HS-CP zones/veins common - replace MG.
	73	100			147.60 - 148.98 - HS-CB vein zone · [illegible] 0.2 - 6.0 cm wide [illegible] zone [illegible] HS-CP [illegible] to CB HS-CP core [illegible] strongly [illegible] - PY? in vein as well. HE at [illegible] contact
155.0				45 · [illegible] vn; CB-HS-CP vn	150.30 - 151.79 - similar to above less CB in vein
	93	101			153.15 - 154.78 - HE [illegible]
					154.46 - 159.10 - CB-HS vein/bx zone - strong HS [illegible] [illegible] host rock appears

ALTERATION columns: CB (A), CL (B), HS (C), KF (D), MG (E); FRACTURE INTENSITY; MS; % VEIN QTZ; HE

 PROJECT: HOLE NO. LLT95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT	SCINT
										15-40000	60-90
		136.31	137.81	1.50	4997	75	1740	288	<0.2		
137.04 - 139.35 0.25-0.5% PY, 0.25-0.5%											90-120
CP - as dissns in my MG-HS lenses		137.81	139.35	1.54	98	35	1600	121	<0.2		
- MC on most fractures											
		139.35	140.85	1.50	99	55	1690	124	<0.2		
139.35 - 144.61 · 0.25-0.5% CP/PY, mostly											
as dissns in MG lenses/blebs - both		STANDARD		G02	5000	425	163	8	1.8		
occur together in lenses - concentrations		140.85	142.40	1.55	01	75	2400	231	<0.2		
occur in lge CB-HS veins throughout											
- HS also occurs replacing MG w/ CP, PY											
- minor CP dissns		142.40	143.90	1.50	02	25	1070	73	<0.2		
		143.90	145.40	1.50	03	40	1265	163	<0.2		130
144.61 - 160.70 - tr - 0.5% CP-PY, as dissd											
blebs usu. in altd MG-HS lenses, but		145.40	146.60	1.10	04	5	209	52	<0.2	60000 50000	
also matrix of bx											
- tr MC on fracs, in vuggy veins.										45000	
		146.60	147.60	1.00	05	<5	241	44	<0.2		
											140-170
147.60 - 148.98 · 2-3% CP ≥ PY, as dissd		147.60	148.98	1.38	06	195	4880	290	<0.2	2500	
blebs in HS-CB veins and in altd										1800	170
wall rock scintillometer readings increase		148.98	150.30	1.32	07	10	320	106	<0.2		
											90-120
		150.30	151.80	1.50	08	55	1140	209	<0.2		
										2500 3500 5500	130
		151.80	153.30	1.50	09	<5	64	71	<0.2		
		153.30	154.40	1.10	10	<5	116	83	<0.2		
154.40 - 159.10 - tr - 1% - CP, PY as dissd		154.40	155.90	1.50	11	90	2180	344	<0.2		
blebs mostly in HS-CB veins - not											120-160
all veins in interval show strong CP/PY										400 1000	180
mineralization		155.90	157.40	1.50	12	50	870	146	<0.2	1500	
- scintillometer readings elevated through-											
out interval.										4200	
		157.40	159.10	1.70	13	65	834	126	<0.2	300 300	
										500	

PAGE 15 OF 28	PROJECT: FAIRCHILD - URSUS	HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
	93	101	bht		154.92 - 156.70 · generally bx'd / sheared wall rock · MS, CB staining
160.0	87	96			
	83	98		20 - CB-HS-CP vn; 55 - mx HS · w/CB, CP, MG	160.70 - 161.02 · reddish colouration, elevated scint readings - late CB vnlts in fracs w/CP. 162.32 - 184.36 - CB-HS veins, usually with diss'd CP, very common · veins from 1.0 to 10 cm wide - attitudes variable - alteration seems to pick up towards fault at base of interval. · gypsum common in fractures, veggy veins.
165.0	85	97		35 - CB-HS vn	166.70 - 168.060 several HS-CB veins, 4-8 cm wide - seem to crosscut earlier CB veins.
	79	99		17 - HS-CB vn; 45 - HS vein	Fluorite in veins
170.0	77	104		50 - mx HS-CB vein; 27 = MG-HS-CB vein	171.06 - 172.55 · several HS-CB veins, 2-8 cm wide. - significant magnetite present, in particular, vein at 172.00 m.
175.0	86	91		45 - slip · CB vnlt; 30 - CB-HS-CP vn · 5 cm; 23 · MG-HS-CB-QZ vns.	173.15 - 179.40 - section approaching fault zone contains numerous "large" HS/CB veins - difference here is that the veins are mineralized - bx is less well defined overall - more so shale is included, weakly bx'd, S, still apparent · or possibly shear fabric
	91	102	CL slip	45 HE on slip; 45 · shear fabric	175.40 - 175.50 - series of MG-HS-CB QZ veins · sharp contacts · CB·QZ internal · large xtals, 1-2 cm · [illegible] slip [illegible] ~ 50° to core axis · CP present
180.0	17	95	DO SH		179.40 - 268.65 DOLOMITIC SHALE · extremely broken core to 181.73 m

ALTERATION							
CB A	CL B	HS C	KF D	MG E	FRACTURE INTENSITY MS	% VEIN QTZ.	

 | PROJECT: | HOLE NO. UT95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT.	SCINT.
										5000 9000 15-4000	80-160
											160
		159.10	160.60	1.50	5014	35	414	100	<0.2		
160											
160.70 - 161.02 - 0.5% CP in late CB vnlts - scint 220 cps		160.60	162.32	1.72	15	55	973	87	<0.2		220
161.02 - 165.30 : tr - 0.5% CP; PY - CP generally occurs as blebs in HS-CB veins. minor dissns in MG lenses and veins - w/ PY.		162.32	163.82	1.50	16	50	1425	225	<0.2		80-110
- extremely f.gr dissns occur pervasively		163.82	165.32	1.50	17	50	754	211	<0.2	45000	
165											
165.30 - 173.15 - tr CP, PY - as very f.gr dissns locally, and near the selvages of HS-CB veins - not nearly as common in these veins as in other sections		165.32	166.82	1.50	18	30	364	270	<0.2		120
		166.82	168.32	1.50	19	80	1220	128	<0.2	1500 - 7000	
		168.32	169.82	1.50	20	20	234	132	<0.2	15-40000	
170		169.82	171.06	1.24	21	80	1330	282	<0.2		
		171.06	172.15	1.09	22	225	1535	154	<0.2	2500 4000	160
		172.15	173.15	1.00	23	75	504	106	<0.2		120
173.15 - 177.34 - 0.25 - 1.0% CP > PY generally as dissns in MG lenses/pods but also as large blebs in CB-HS veins		173.15	174.65	1.50	24	535	4250	177	<0.2	4000 to 6000 20000	140 170 200
175		174.65	176.15	1.50	25	110	2570	235	<0.2	20000	
		176.15	177.34	1.19	26	170	3130	169	<0.2	15-25,000	
177.34 - 179.40 : 1-2% CP, PY as dissns [illegible] in [illegible] zone : small masses [illegible] veins [illegible]		177.34	178.40	1.06	27	170	[illegible]	340	<0.2	40 to 5000	
		178.40	179.40	1.00	28	[illegible]	1.11%	379	<0.2		[illegible]
[illegible]		179.40	181.05	1.65	29	[illegible]	[illegible]	171	<0.2	[illegible]	[illegible]

 PROJECT: FAIRCHILD - URSUS HOLE NO. UT95-06

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CB A	CL B	HS C	KF D	MG E	FRACTURE MS INTENSITY	% VEIN QTZ.	HE
180.0			bxd			179.40 - 268.62 CRACKLE BRECCIATED DOLOMITIC SHALE								
	17	95	do			179.40 - 182.73 - CL common on fracs. limonite								
			shl	40	CB-HS-CP vn	throughout, w/ MC commonly. grey-green								
				65	QZ-CB vn	to reddish orange colouration - bxd rock								
						- GY on fracs								
						182.73 - 184.56 - vein/bx zone - do shale is								
	54	92				disrupted, bxd, w/ CB-HS veining, limonite								
						common. CL in bx matrix? - MG assoc'd								
				35	slip - HE coated slider	w/ veining.								
				55	vein/shale contact	184.56 - 197.55 - weakly brecciated and								
185.0						altered dolomitic shale, possibly								
						siltstone beds as well.								
						- generally grey green colour - MS, CL								
	71	103				common, CL mostly in fractures								
						- locally zones of bx'n - bhm or bht appear-								
						ance - but generally seds are crackle								
						brecciated. - similar to bht above, locally?								
						- scratch commonly shows red. HS pervasive?								
						KF also present - hard zones, bx clasts.								
190.0	78	97				- bx'n strong to 189.34								
						188.40 - 189.34 - KF and HE stronger toward								
						bottom of bxd interval. - CP blebs in								
						more altered interval.								
	81	103		40	QZ-CB-CL vein	193.30 - 193.68 - bleached, yellowish green								
						section centred on QZ-CB vein.								
						194.32 - 194.46 - rubble - fault?								
195.0														
	73	94												
				45	S1	197.55 - 200.20 - dark reddish colour, bx'n more								
						pronounced, KF-HE alt'd clasts - KF alt'n								
				57	S1	moderate to strong below 199.10								
	71	100				200.20 - 203.60 - [illegible] pervasive								
200.0						HE. MG diss'd 1%. - CL strong on fracs								
						and in bxd zones (related to shears?) - CB								
						fills tension gashes.								
				15	slip - bx'n									
	50	105		10	frac									

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT.	SCINT
										30-50	50-100
		181.05	182.73	1.68	5030	15	1080	43	<0.2		
182.73-184.56 - well mineralized vein/bx zone - two intervals of 3-5% CP>>PY in CB-HS vein, overall 1-2% CP, PY		182.73	184.56	1.83	31	255	6830	78	<0.2	3000 to 25000	
		184.56	186.06	1.50	32	10	222	18	<0.2	30-60	70-90
184.56 - 212.84 - tr CP, PY, minor fissures in bx matrix, veins. locally concentrated to 0.25% in KF altd zone		186.06	187.56	1.50	33	<5	35	14	<0.2		
		187.56	189.06	1.50	34	<5	268	17	<0.2		
		189.06	190.56	1.50	35	<5	27	18	<0.2		
		190.56	192.06	1.50	36	<5	22	17	<0.2		
		192.06	193.68	1.62	37	<5	20	18	<0.2		
		193.68	195.20	1.52	38	15	26	17	<0.2		
		195.20	196.70	1.50	39	<5	7	14	<0.2		
		196.70	198.20	1.50	40	<5	4	16	<0.2		
		198.20	199.70	1.50	41	<5	3	18	<0.2		
		199.70	201.20	1.50	42	<5	87	21	<0.2		
		201.20	202.70	1.50	43	<5	207	19	<0.2	400-5000 5000 ppm	

 PROJECT: FAIRCHILD - URSUS HOLE NO. UT95-06

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION
	50	105	brd do shl		
					203.60 - 207.10 darkly coloured core. KF
				55 - CB-HS vn - QZ	altn appears to be elevated - hard core.
205.0	59	88			- CL, HS? in ground mass, too
					- bx evident in variably altered clasts
					- locally, chloritic dior? w/ reddish
					clasts - possibly dyke/bx zone.
				27 - CB-QZ-HS vein	- late CB-HS veins common - BA?
	90	102			207.10 - 212.84 - diorite dyke, dark green fgr,
					very irregular contacts - bx common +/o
					of rafting host rock? - or possibly
					anastomosing dykelets
	75	105		65 - clay gouge - parallel CB-QZ vn - lower contact of alt'n	- wk MG locally
210.0					209.55 - 212.84 - diorite / bx dominates -
					KF less pronounced, CB in veins/veinlets and
					porphyroblasts.
	63	86		30 - CB-QZ vein	- HE alt'd porphyroblasts appear - relict
					garnets?
				45 - contact - clay gouge	212.84 - 213.70 - heterolithic breccia - CB, CL in
					matrix - KF altn of clasts no MG
				25 - lower contact, irregular	- also, prismatic, clear crystals in CB patches -
	87	105			QZ? or other porphyroblast?
215.0				40 - upper bx cnt	215.0 - 216.78 - strong chlorite altn around
					bx interval also in bx
				40 - lower bx cnt	215.49 - 216.10 - heterolithic bx, CB, CL in
				50 - S, or shear	matrix - unusual, hexagonally shaped pblsts - HE alt'd
	68	93			216.78 - 218.66 - sheared(?) brd seds - MS,
					MG, HE locally CB-CL assoc'd w/ CB veining
					w/ HS blebs - contorted CB-QZ-HE veining
				25 - shear fabric	218.66 - 219.74 - CL altn dominates - crackle
	93	95			bx'd seds
220.0				25 - cnt of alt'd zone, also CB-QZ-CP vein	219.74 - 220.63 - strong KF-HE-HS altn in
					CB stkwk zone - CB-QZ-CP veins +/o
				45 - lower contact	220.63 - 224.73 moderately altered, crackle
					brd shale, CL in matrix rimming clasts
	80	108		36 - fract/slides at edge of altn zone	- KF patchy, locally strong in narrow
					zones
	43	64		40 - CB-CP vn	
225.0					224.20 - 227.05 fault zone, MS altn, CL
					[illegible] matrix [illegible]

ALTERATION								
CB	CL	HS	KF	MG	FRACTURE INTENSITY MS	% VEIN QTZ.		HE
A	B	C	D	E				

PAGE 20 OF 28 | PROJECT: | HOLE NO. WT95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG. SUSCEPT.	SCINT
		202.70	204.20	1.50	5044	<5	37	18	<0.2	30-200	70-90
		204.20	205.70	1.50	45	<5	3	17	<0.2		
		205.70	207.20	1.50	46	<5	9	19	<0.2		
		207.20	208.70	1.50	47	<5	1	19	<0.2		
		208.70	210.20	1.50	48	<5	2	15	<0.2		
		210.20	211.70	1.50	49	<5	18	16	<0.2	3500 5500	
		STANDARD		MS1	50	100	89	9	<0.2		
		211.70	213.20	1.50	51	<5	12	13	<0.2		
212.84-224.20 - tr CP, PY overall - locally CP occurs in late CB-QZ vein - generally within KF-HE altd zones as, masses up to 2cm diameter, blebs. - PY v.tr as common.		213.20	214.70	1.50	52	<5	6	17	<0.2	20-70	
		214.70	216.20	1.50	53	<5	104	25	<0.2		
		216.20	217.70	1.50	54	<5	78	25	<0.2	5000+	
		217.70	219.20	1.50	55	<5	54	36	<0.2		
		219.20	220.70	1.50	56	85	771	40	<0.2		
		220.70	221.95	1.25	57	10	270	26	<0.2	1500 to 2500 35-60	
		221.95	223.10	1.25	58	120	106	19	<0.2	5-3000	
		223.10	224.20	1.10	59	15	110	15	<0.2		
224.20 - 227.05 - tr-1% as disd blebs in bx'd rock matrix.		224.20	225.70	1.50	60	<5	87	15	<0.2	30-100	70-150

PAGE 21 OF 28 | PROJECT: FAIRCHILD - URSUS | HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CB A	CL B	HS C	KF D	MG E	FRACTURE INTENSITY MS	% VEIN QTZ.	HE
225.0	43	64	Pyd do shl	52	· cnt of CL bx zone									
				35	CB vnlt									
	8	86		22	· CL frac - slicks									
				15	CB-CP vein mc-cL on margin (slicks?)	227.05 - 247.24 - brecciated and altered								
	20	95		55	· frac - CL slides	dolomitic shale - HS pervasive, red								
						streak when scratched								
				42	· S₁? - compositional layering weak	- grey to greenish grey colours								
						- CL, HS, minor CB in bx matrix - rock								
230.0	68	90				is generally crackle bx'ed.								
						- HS occurs locally in bx matrix.								
						- CB veinlets and veins common - w/								
						QZ - BA - CP locally								
				30	· CB vein - altn zone	- bleaching - carbonatization? - assoc.								
				35	· frac w/ slides	w/ some bx zones.								
	80	95		15	· CB-CL-HE-PY vein · zoned									
235.0				45	· cnt of altn zone - bx cnt.	235.45 - 236.94 - tan coloured 'bleached' zone,								
	83	99				- related to fractures / bx matrix containing								
						CL, CB. - minor BA or GY.								
						236.94 - 256.36 - bx'n of rock less common								
						- minor zones of enhanced CB veining.								
	66	82												
240.0														
	71	98		25	· S₁?									
	77	107				244.00 - 244.55 · bleached zone, tan colour,								
245.0						strongly fractured rock CL - CB in fracs.								
	80	107		55	· S₁ · [illegible] zone	245.95 - 247.24 - patchy bleaching (<10%) w/								
						HS porphyroblasts								
	90	96		57	S₁? - [illegible]	247.24 - 247.54 - pale yellowish green bleached								
						zone - bx apparent, reddish clasts								

PAGE 22 OF 28 | PROJECT: | HOLE NO. UT 95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG suscept.	SCINT
										30-100	70-80
		225.70	227.20	1.50	561	<5	799	18	<0.2		
227.05 - 235.45 - tr CP, PY, dissm. in bx matrix, Q2-C8 veins esp w/ BA.		227.20	228.70	1.50	62	15	17	15	<0.2		
		228.70	230.20	1.50	63	<5	15	18	<0.2	20-55	
		230.20	231.70	1.50	64	<5	203	31	<0.2		
		231.70	233.20	1.50	65	<5	12	23	<0.2		
		233.20	234.45	1.25	66	40	47	27	<0.2		
		234.45	235.45	1.00	67	60	16	24	<0.2		
235.45 - 247.54 - mt to tr CP, PY dissm in bx matrix, veins.		235.45	236.94	1.49	68	10	25	40	<0.2		
		236.94	238.50	1.56	69	5	4	18	<0.2		
		238.50	240.00	1.50	70	5	6	14	<0.2		
		240.00	241.50	1.50	71	<5	3	18	<0.2		
		241.50	243.00	1.50	72	<5	14	18	<0.2		
		243.00	244.50	1.50	73	<5	2	16	<0.2		
		244.50	246.00	1.50	74	<5	5	16	<0.2		
		246.00	247.54	1.54	75	<5	4	15	<0.2		

PROJECT: FAIRCHILD - URSUS.

HOLE NO.

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CB A	CL B	HS C	KF D	MG E	FRACTURE MS INTENSITY	% VEIN QTZ
	90	96	do shl			247.54 - 255.41 - alteration zone - reddish to green colour, CB-QZ veinlets, hairline to 1.0 cm, form weak stockwork t/o zone							
250.0	89	100	30° CBvnlt xtals cnt	45°	diorite contact - Slip - sharp altn contact KF>CL	- core is generally quite hard, except in CL patches - moderate to strong KF altn, CL altn somewhat more patchy 248.09 - 248.40 - dark red coloured section w/ homogeneous rock - altered diorite? 249.32 - 249.69 - altered diorite? 249.69 - 255.41 - HS occurs in CB veinlets and [illegible], as blebs and xtals							
	83	95		20°, 40°	frac, frac								
255.0	55	64	46 Q-slip	50°	lower cut of altn - offset by CL-bx slips	255.41 - 256.36 - weaker alteration, still minor KF, CL, but also moderate [illegible] HE 256.36 - 261.85 - grey to green dolomitic shale - moderate brin - crackle bx'd locally - bx clasts commonly shows layering - CL-CB-HS in matrix. - pervasive HS also (red scratch)							
260.0	58	132		48°	Si	259.03 - 259.75 - patchy KF altn. host rock bleached yellowish green in between							
	76	94		40°, 30°	QZ-CB vn, QZ CBvn	261.85 - 265.86 - darkly coloured to red core. - patchy alteration - reddish colouration a combination of KF-HE. - also, tan to beige coloured CB-rich altn. - QZ-CB veins common. HS blebs							
265.0	64	90		25°	CBvnlt	264.95 - 265.86 - strong KF altn							
270.0	54	103	sh-dol	45°, 30°	frac set, fault zone	268.25 - 268.65 - bx'd core [illegible] - weak KF altn [illegible] to 269.40 m 268.65 - 275.98 SILTY SHALEY DOLOMITE [illegible]							

PAGE 24 OF 28 | PROJECT: | HOLE NO. UG95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG. SUSCEPT.	SCINT.
247.54 - 255.41 - mil to tr PY/CP fine grained disem.		247.54	249.69	2.15	5076	<5	4	12	<0.2	20-55	70-90
		249.69	251.20	1.51	77	<5	9	10	<0.2		
		251.20	252.70	1.50	78	<5	2	12	<0.2		
		252.70	254.05	1.35	79	<5	6	10	<0.2		
		254.05	255.42	1.37	80	<5	3	10	<0.2		
255.41 - 267.32 - mil to trace PY/CP, pass. as fgr disem		255.42	256.92	1.50	81	<5	5	14	<0.2		
		256.92	258.42	1.50	82	<5	5	14	<0.2		
		258.42	259.92	1.50	83	<5	30	21	<0.2	100-200	
		259.92	261.85	1.93	84	<5	12	19	<0.2	20-55	
		261.85	263.35	1.50	85	<5	70	20	<0.2		
		263.35	264.85	1.50	86	<5	21	15	<0.2		
		264.85	265.87	1.02	87	<5	8	14	<0.2		
		265.87	267.32	1.45	88	<5	2	19	<0.2		
267.32 - 268.65 - tr CP as small blebs in		267.32	268.65	1.33	89	<5	176	28	<0.2	200ppm	
268.65 - 270.25 -		268.65	270.25	1.60	90	<5	46	20	<0.2	200-4000	
										4000ppm	

 PROJECT: FAIRCHILD - URSUS | HOLE NO. UTFS-06

DEPTH (m) 270	RQD	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION CB A	CL B	HS C	KF D	MG E	FRACTURE INTENSITY	% VEIN QTZ.
	54	103	st-sh dol			- MG t/o section as dissem'd blebs, xtals							
				75	- S1?	- wk bx'n of dolomite common							
				55	- frac	- patchy appearance due to presence of CL altered							
						clasts which occur in variable conc'ns							
	89	98				in the rock - CL also in bx matrix.							
						- veining not common							
						269.96-270.25 - bx'd section, HE in narrow,							
				75	- S1	irregular band at base of interval							
						273.75-275.98 abdt CL altered clasts -							
275.0						disaggregated bedding? - scale with beds							
	43	59				- deformation might be substantial in dolomite							
						but not visible due to rextall'iz'n							
			cht/dol		275.98-303.58	CHERT-DOLOMITE							
				60	- fracs	- grey, to yellowish green, heterogeneous unit							
				45	- QZ-CBvn	- cherty, and/or silicified, sections are strongly							
	94	156				disrupted and/or brecciated. strong PY							
				15	frac	- bedding is not recognizable in silicified sections,							
				45	- QZ-CBvn	except in some clasts.							
						- QZ veining common, multi-stage, with CB							
280.0						- abdt silicified fractures; veinlets create pervasive							
	95	101				silicification?							
				70	- S1	- dolomite sections less obviously disrupted,							
				55	- cnt of bx'd unit	appear quite homogeneous							
						275.98-280.86 - silicified chert/dolomite, bx'd							
				70	S1	277.65-278.20 - QZ veinzone with large blade							
				79	- PY seam along frac	CL patches - possibly pseudomorphs after							
	98	100				amphibole ?							
						279.16-280.86 silicified bx or conglomerate?							
285.0				60	CBQZ vnlts	- clasts t/o, some with fgr py - matrix silic'd							
						280.86-281.57 conglomerate, or bx, CB in							
						matrix - QZ-CB veins - w/ CP							
						281.57-283.00 - grey to light green homogeneous							
	97	101				dolomite section & bleaching assoc'd w/							
				55	- lge CBvn	veining, wk bx'n							
				45	CB-QZ vnlt cuts large CBvn	abrupt lower contact w/cherty dolomite							
						283.00-290.67 interbedded chert/dolomite							
						- not as much silic'n as section 275.98-280.86							
						- heterogeneous appearance, local bxn, veining t/o							
290.0	92	95				- CL conc'n in bx clasts locally. - black CL							
				55	- S1?	clasts(?) scattered in bx and unbx'd ~~section~~							
						- CB-QZ veining locally stockwork							
	100	125		75	S1? layering in MG	- beds(?) of pebble congl. or another bx?							
						290.67-302.25 - layered MG and PY sections.							
	90	90				[illegible]							
						[illegible], CL alt'n							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT.	SCINT
		270.25	271.75	1.50	5091	<5	17	21	<0.2	2k-4000	70-80
											60-9
		271.75	273.25	1.50	92	<5	41	22	<0.2		
										3000 pk	
		273.25	274.75	1.50	93	<5	26	26	<0.2	2000 pk	
		274.75	275.98	1.23	94	<5	197	92	<0.2	10-30	
275.98 - 281.57 - 3-8% PY as fgr masses, swirls throughout silicified chert/sed - locally recrystallized - some blebs in xcutting QZ-CB veins. - PY appears to be largely fracture controlled - locally, makes related to original layering?		275.98	277.50	1.52	95	65	137	218	0.8		
		277.50	279.00	1.50	96	45	33	91	0.8		
		279.00	280.50	1.50	97	35	18	64	0.6		
280.80 - 281.57 - tr CP, as small blebs in QZ-CB veins		280.50	281.75	1.25	98	20	50	97	0.6		
281.57 - 282.80 - 1-2% PY, as fgr masses in bx matrix, fracs		281.75	282.80	1.05	99	<5	22	35	0.4		
		STANDARD MSA			5100	145	93	9	0.6		
282.80 - 284.27 - 2-3% PY, fgr masses along foln, fracs, in veins		282.80	284.27	1.48	01	45	112	222	0.6		
284.27 - 286.21 - 0.5-1% PY, in fracs, veins or blebs remains along foln		284.27	286.21	1.94	02	20	51	59	0.4		
										40-200	
286.21 - 287.30 - 3-5% PY as masses, mixed w/ CB veining, PY occurs in host rock		286.21	287.85	1.64	03	25	18	48	0.4	40000 pk	
										5000	
287.30 - 287.85 - 0.25% PY as blebs in CB veining										7000 50	
287.85 - 289.36 - 2-10% PY - locally massive to swirls small masses.		287.85	289.36	1.51	04	40	23	100	<0.2	200 30 6000	
										1520	
289.36 - 290.67 - 1% PY as fgr masses along fractures		289.36	290.67	1.31	05	10	56	45	0.8	50 250	
										300 20	
290.67 - 291.82 - 5-10% PY as masses, bands to 20 cm wide		290.67	291.82	1.15	06	15	25	58	0.4	5 to >100 K	
291.82 - 293.08 - 30% PY - semi-mx to mx PY as angular masses in QZ matrix		291.82	293.08	1.26	07	25	95	38	0.8		

PROJECT: FAIRCHILD - URSUS

HOLE NO. UT95-06

DEPTH (m)	RQD	% CORE REC	LITHOLOGY	STRUCTURE		GEOLOGICAL DESCRIPTION	ALTERATION: CB (A)	CL (B)	HS (C)	KF (D)	MG (E)	FRACTURE INTENSITY (MS)	% VEIN QTZ.	HE
	90	90	Cht/dol	82	- S, ? - cnt between chert/CL dolm	- MG commonly shows relict layering - w/ fluctuations in MG content - susceptibilities range from 5 to >100,000 - off both ends of scale on meter - separated by a few cms								
				55	- CBvn - slickspn contact	- HS occurs in intervening chloritic layers								
295.0	98	100		70	CBvn	290.80 - CB-FL-PY vein								
				65	- PY vein	291.82 - 293.08 - semi-mx to mx PY, in QZ matrix within MG.								
				73	- wk foln in MG									
				60	- late CB vnlt									
	94	99		50	irregular PY-CB vein	298.02 - 298.25 - mx PY-CB vein. - also QZ.								
300.0														
	86	101				301.15 - 302.25 - mx MG, minor PY, HE, CB patches minor CL								
				72	- wk comp. layering	302.25 - 303.58 - SI or KF alt'd seds. CL in fracs. well frac'd. very low magnetic suscept.								
				30	- CB-CL-QZ vnlt									
					303.58	END OF HOLE								
305.0														

PAGE 28 OF 28 | PROJECT: | HOLE NO. UG95-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT.	SCINT.
										5 to >100 K	
293.08 - 301.15 - 1-3% PY, generally as narrow (< 1cm) bands entire through core - also along fracs - locally concid at margin of CB veins but common - tr CP, in CB veins.		293.08	294.58	1.50	5108	10	41	42	<0.2		
		294.58	296.22	1.64	09	<5	34	30	0.4		
		296.22	297.74	1.52	10	<5	32	32	<0.2		
		297.74	299.02	1.28	11	30	134	58	1.6		
298.02 - 298.25 - 60% PY, massive in CB vein											
		299.02	301.15	2.13	12	20	32	43	0.6		
301.15 - 302.25 - 1% PY, small disscid masses in mx MG - replacement?		301.15	302.25	1.10	13	10	150	30	0.4		
302.25 - 303.58 - 0.25% PY as disem in greenish mx, along fracs		302.25	303.58	1.32	5114	30	113	57	0.4	5-30	

PAGE	OF	PROJECT:	HOLE NO.

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.

PAGE 2 OF 28	PROJECT:	HOLE NO. U795-06

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au ppb	ASSAYS Cu ppm	ASSAYS Co ppm	ASSAYS Ag ppm	MAG SUSCEPT.	SCINT.
		2.00	3.50	1.50	4901	440	7400	366	0.2	300	100-120
2.00 - 3.40 - 1-2% CP as tiny dissms in										20000	
alt'd diorite and in mx HS and MG - but		3.50	5.00	1.50	02	85	949	147	<0.2		
primarily as blebs, masses in CB-rich veins											
0.5% PY as fine dissm similar to CP											
3.40-8.53 - 0.25-0.5% CP - as dissms, particularly		5.00	6.50	1.50	03	120	218	122	<0.2		
in mx MG lenses/blebs also as blebs in											
Fe CB veins											
0.5% PY as dissms in alt'd diorite		6.50	7.70	1.20	04	65	184	145	<0.2		
and assoc'd w/ veining											
8.53-10.98 - 1% CP generally as dissms in mx		7.70	9.35	1.65	05	100	937	83	<0.2		
MG-HS veins, lenses - 0.5% PY as										6000	
dissms - weakly increased scintillometer										20000	140
readings assoc'd w/ mx MG		9.35	11.00	1.65	06	205	2070	115	<0.2	6-9000	100-120
10.98-20.74-0.25-0.5% PY as tiny dissms											
t/o interval, replacing MG		11.00	12.50	1.50	07	95	727	135	<0.2	20000	80-90
CP 0.25% overall, locally 1-3% in											
veins - also as dissms in MG											
occurs in late veins - fracs		12.50	14.00	1.50	08	75	113	175	<0.2	30000	
		14.00	15.50	1.50	09	85	1930	89	<0.2		
										10-20000	
		15.50	17.00	1.50	10	90	936	125	<0.2		
		17.00	18.50	1.50	11	110	1155	71	<0.2	7-8000	
										30000	
										8-9000	
		18.50	19.74	1.24	12	115	1510	60	<0.2	25000	
										8-9000	
		19.74	20.74	1.00	13	85	1135	66	<0.2		
		20.74	22.50	1.76	14	35	1045	71	<0.2		
20.74 - 24.82 0.5-1.0% PY [illegible]										15000	
[illegible] PY - tr-0.25% CP as dissms											
[illegible]											

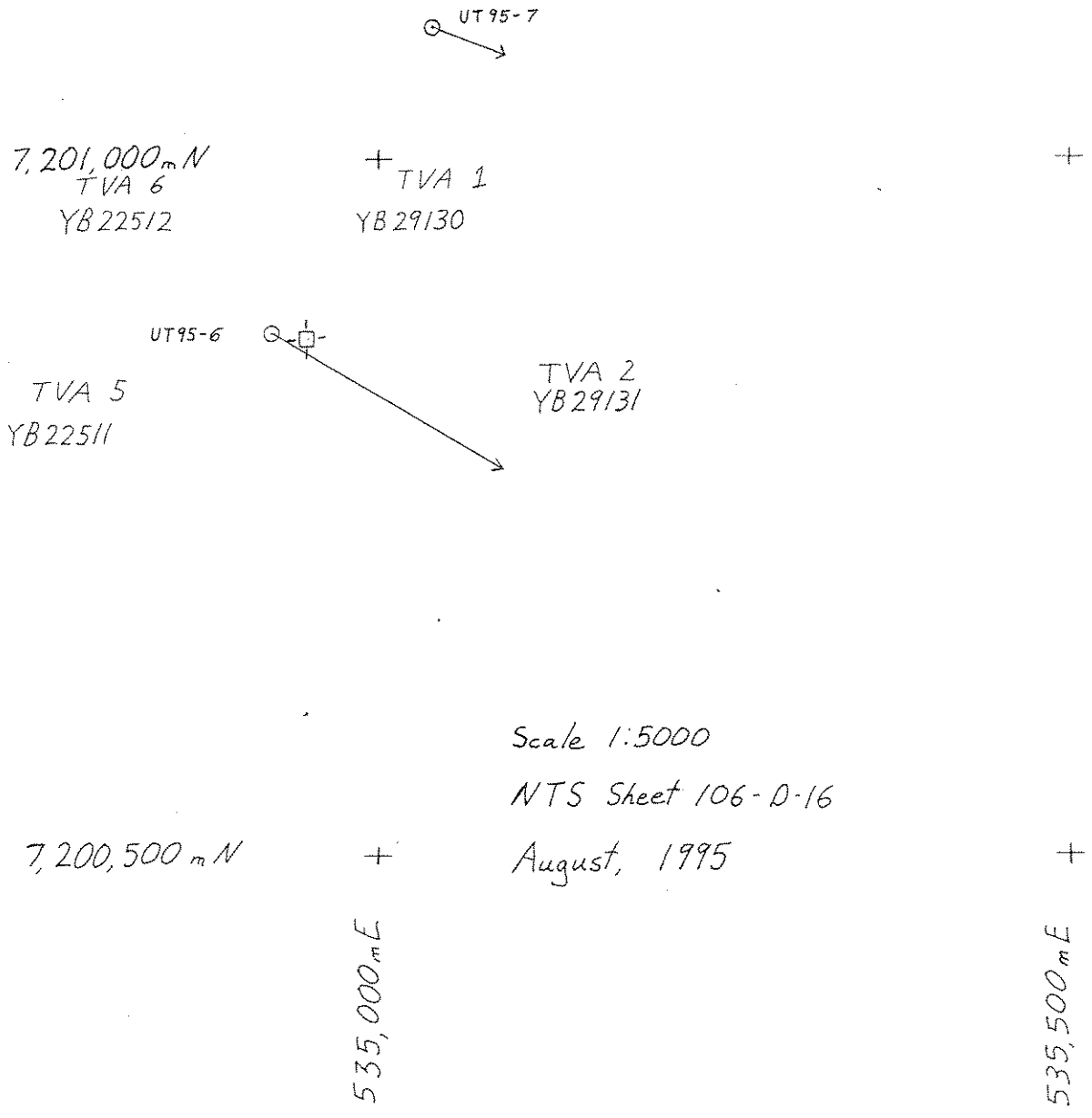
SECTION II

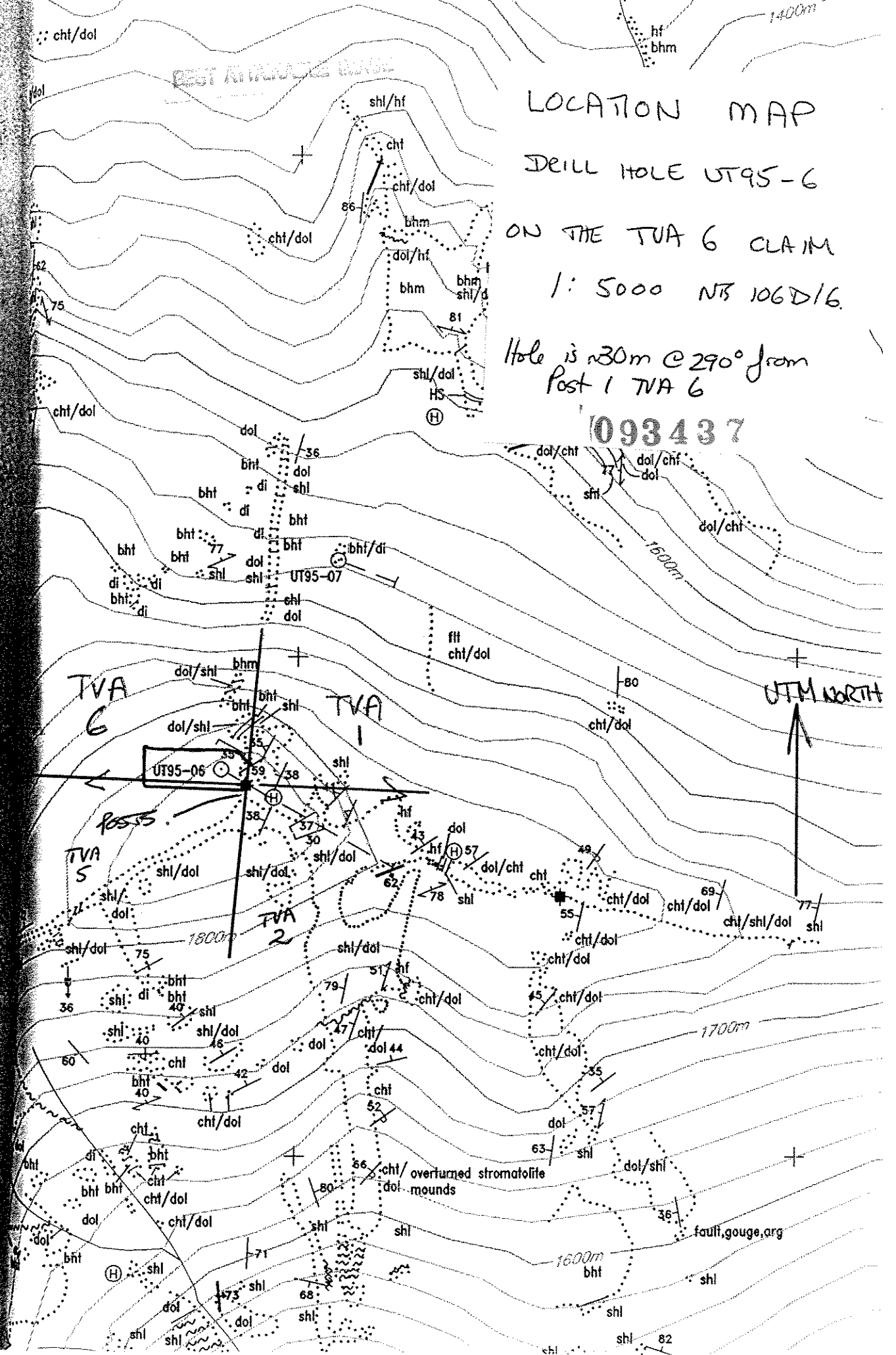
FIGURE

UT96-6 Location Map

URSUS - TVA PROSPECT

1995 HEM ZONE DRILL COLLAR LOCATIONS




LOCATION MAP
DRILL HOLE UT95-6
ON THE TVA 6 CLAIM
1:5000 NTS 106D/6.
Hole is ~30m @ 290° from Post 1 TVA 6
093437
UT95-06
UT95-07
TVA 6
TVA 1
TVA 2
TVA 5
POST 5
UTM NORTH
cht/dol
dol/cht
dol/shl
shl/dol
shl/hf
dol/hf
bhm
bht
dol
shl
cht
hf
fit
1600m
1700m
1800m
cht/ overturned stromatolite mounds
fault, gouge, arg