— maps on file in Engineering vault

ERIC PROPERTY

DIAMOND DRILLING AND TRENCHING

093L/2

860304

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APPENDIX I

DIAMOND DRILL HOLE GEOLOGIC LOGS, AND LOGGING CODES

DRILLHOLE LOGGING CODE

Column 1 is a key indicating the type of information on each line.

H - Header information
R - Survey data
L - Lithologic data
S - Structural data
A - Assay data
C - Comments

HEADER INFORMATION

DDHID - Drillhole number
LOGGED BY - Logger's initials
DATE - Year.Month Drilled
GRID AZM. - orientation of grid (000 if True North)

SURVEY DATA

FROM - start of interval in metres
TO - end of interval in metres
AZM - drillhole azimuth
V-ANG - plunge of hole measured from horizontal
NORTHING - north coordinate of collar
EASTING - east coordinate of collar
ELEVATION - collar elevation in metres above sea level

LITHOLOGIC DATA

FROM - start of interval in metres
TO - end of interval in metres
LITH - lithology codes

OVBN	overburden
REGL	regolith
ANDS	andesite (dyke or flow)
ANFL	andesite flow
DAAM	amygdaloidal dacite? flow
ANDY	andesite dyke
LADY	latite dyke
LT/TFLP	lapilli tuff
AT/TFAS	ash tuff
DT/TFDT	dust tuff
TFBX	breccia tuff
TFBD	bedded tuff
ASLP	mixed ash/lapilli tuff
ARG/ARGT	argillite
VLST	volcanic siltstone
VLSD	volcanic sandstone
VLCG	volcanic conglomerate
GOUGE	fault gouge
VN	vein

LC - colour (a one digit lightness code combined with a one or two letter colour code)

lightness	colour
9 - lightest	R - red
8 - very light	G - green
7 - light	A - grey
6 - lighter	U - brown
5 - medium	T - tan
4 - darker	Y - yellow
3 - dark	W - white
2 - very dark	C - cream
1 - darkest	N - black

<VN - intensity of microveining or brecciation

0 - no microveining
1 - weak microveining
2 - moderate microveining
3 - moderate to strong microveining
4 - strong microveining
5 - weak brecciation
6 - weak to moderate brecciation
7 - moderate brecciation
8 - moderate to strong brecciation
9 - strong brecciation

MINERAL ABBREVIATIONS

CB - carbonate	GN/GL - galena
QTZ/QZ - quartz	C/CY - clay
SP/SL - sphalerite	MS - sericite
CHL/CL - chlorite	HE - hematite
PY - pyrite	TT - tetrahedrite
AS - arsenopyrite	CP - chalcopyrite
BI - biotite	SD - siderite
HS - specularite	ST - stibnite
BO - bornite	

MISCELLANEOUS ABBREVIATIONS

thru	throughout	aph	aphanitic
tr	trace ((<<.5%)	vfg	very fine grained (<<0.5)
min/mnr	minor (<.5%)	fg	fine grained (<0.5)
wk	weak	mg	medium grained (0.5-5)
mod	moderate	cg	coarse grained (>5)
int	intense	abnt	abundant
str	strong	w/	with
mag	magnetic	w/o	without
cn/cnt	contact	w/i	within
lcnt	lower contact	pt	patches
ucnt	upper contact	sev	several
altn	alteration	xtls	crystals
occ	occasional	text	texture
frag	fragment	dia	diameter
volc	volcanic	rx	rock
med	medium	gy	grey
recd	recovered	gr	green
plag	plagioclase	deg	degrees
frac	fracture	loc	locally
a/a	as above	v	very
caxis	core axis	ang	angular
btw	between	subang	subangular
lith	lithology	subrd	subrounded
subvolc	subvolcanic	rd	rounded
vis	visible	welrd	well rounded
grad	gradational	irreg	irregular
envs	envelopes	H	Moho's hardness
cf	compare with	com	common
lap	lapilli	inc	increasing
oxid	oxidized	dec	decreasing

TEXTURAL ABBREVIATIONS

<</<vns	microveins (<0.5 mm)
>>/vnlts	veinlets (0.5 to 5 mm)
vns	veins (>5 mm)
dissem/ds/diss	disseminations
bxia	breccia
pheno	phenocryst
bddg	bedding
amygd	amygdaloidal

ASSAY DATA

SAMP#	- sample number
REC	- core recovery in metres
INT	- length of sample
ppm CU	- copper
ppm AG	- silver
ppm AS	- arsenic
ppm SB	- antimony
ppm CD	- cadmium
ppm PB	- lead
ppm ZN	- zinc
ppm CO	- cobalt

DDH ER90CH01 SURVEY LOG

H DDHID : ER90CH01
H LOGGED BY : MLA
H DATE : SEP 90
H CORE SIZE : NQ 2
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	115.2	340.0	-45.0	-6.00	2.00	838.20
R		115.2	340.0	-45.5			

DDH ER90CH01 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	9.1	OVBN				:TRI CONED - NO CORE
L	9.1	11.0	TFLP	4WA	3	Q	:CORE BROKEN UP, WK Q ALTN, 20% MG C ALTD
L							:FRAG, 10% Q ALTD FRAG, SEV QZ >> +/-
L							:MIN BO, 2-3% DS PY BLEB, MIN GREY SDE DS
L	11.0	12.3	TFLP	4WA	3	Q	:CORE BROKEN UP, QZ +/- CB VN & >> +/-
L							:BO & PY, MIN DS PY & BO
L	12.3	14.0	TFAS	4A	3	Q	:CORE BROKEN UP, INC QZ VN +/- MIN BO & CP
L							:TR DS PY & CP, FG FRAG
L	14.0	15.4	TFAS	3A	2	Q	:FG FRAG, MIN QZ VN & >>, MIN DS PY
L	15.4	16.9	TFAS	3AN	2	Q	:FG FRAG, MIN QZ >> & <<, 3-4% DS PY PT,
L							:FG BLACK SDE 2%
L	16.9	18.4	TFLP	3AN	3	Q	:MG FRAG, SEV QZ VN & >>, MIN DS PY & CP,
L							:TR FG BLACK SDE
L	18.4	19.9	TFLP	4NW	4	Q	:MG FRAG, ABUND QZ VN & >>, WK BX PT W/
L							:15% FG PY & TR SL, MIN DS BO & CP
L	19.9	21.4	TFLP	4NW	2	Q	:MIN QZ VN & >>, 1% DS PY
L	21.4	22.9	TFLP	5WA	3	Q	:MIN FG PY >>, INC QZ >>, WK BX PT W/
L							:5% PY
L	22.9	24.4	TFLP	5WA	3	Q	:WK BX PT'S W/ 1-2% FG PY, QZ VN & >>,
L							:FG BLACK SDE DS 2%
L	24.4	25.9	TFAS	6GA	4	Q	:INT QZ VN & >> BTW 24.7-25.2m W/ FG DS PY
L	25.9	27.4	TFAS	6GA	4	CB	:INT QZ VN & >> BTW 26.3-26.8m - MOD C &
L							:CB ALTN
L	27.4	28.9	TFAS	6AU	3	CB	:ABUND QZ/CB VN & >>, CB & C ALTN, MIN PY
L	28.9	30.8	TFAS	5WA	4	CB	:MOD CB ALTN, ABUND QZ VN & >>, TR GN/CP
L							:>>
L	30.8	33.7	TFAS	4UR	2	CB	:TR CB ALTN, HE MATRIX, ABUND QZ/CB >> &
L							:<<, TR PY (FOOTWALL?)
L	33.7	36.7	TFAS	4UR	3	CB	:ABUND QZ/CB << & >>, WK BX PT, NO PY
L	36.7	43.5	TFAS	5WR	4	CB	:ABUND QZ/CB VN & >>, BX PT W/ QZ/CB
L							:INFILL, NO PY
L	43.5	44.2	ARGT	3N	1	-	:SMALL UNIT OF ARGT, FG, BROKEN UP

```
L   44.2    52.3   TFAS    7WG   3      CL :SEV QZ/CB >> & <<, CL/C ALTN, NO PY
L   52.3    76.5   ARGT    3N    1      -  :FG, MIN QZ/CB <<, NO PY
L   76.5    83.1   TFAS    6RG   2      CL :FG FRAG, MOD CL/C ALTN W/ MOD HE ALTD PT,
L                                          :4-5% MICACEOUS BIOTITE FLAKES, SEV CB +/-
L                                          :QZ >> & <<, NO PY
L   83.1   105.8   TFAS    4GR   2      -  :HE MATRIX, MOD CL ALTD PT, 4-5% BI FLAKES
L                                          :SEV QZ/CB >> & <<, NO VIS SDE
L  105.8   107.6   TFAS    6YG   2      CL :CL/C ALTN, TR CB/QZ >>
L  107.6   115.2   ASLP    4WR   3      CB :HE MATRIX, WK BX PT W/ CB/QZ INFILL,
L                                          :QZ/CB >> & <<
R                                          :E.O.H. @ 115.2m
```

DDH ER90CH01 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		9.7	VN	35		3	:QZ >> W/ 5% FG BORNITE (BO)
S	12.1	12.3	VN	10		24	:QZ/CB VN W/ 1-2% BO, MIN PY & TR CP
S		13.4	VN	40		20	:QZ VN W/ MIN BO, TR CP
S	19.1	19.3	BX	--			:WK BX W/ QZ & 15% FG PY MATRIX W/ TR SL
S	24.7	25.2	VN	45		500	:INTENSE QZ VN & >> ZONE W/ FG PY
S	26.3	26.8	VN	40		500	:INTENSE QZ VN & >> ZONE W/ MOD C ALTN
S		29.9	VN	05		20	:GN/CP >>
S		30.8	CN	35			:CN BTW CB ALTD TFAS/GREEN CL TFAS
S		43.5	CN	46			:CN BTW TFAS/ARGT - SHARP
S		44.2	CN	75			:CN BTW ARGT/CL ALTD TFAS - SHARP
S		52.3	CN	40			:CN BTW CL ALTD TFAS/ARGT - SHARP
S		76.5	CN	72			:CN BTW ARGT/TFAS - SHARP

DDH ER90CH01 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	9.1	11.0	10001		.02	14.0	.01	.01	.001	3.67	.32	.26
A	11.0	12.3	10002		.03	20.0	.01	.01	.001	3.68	.20	.36
A	12.3	14.0	10003		.02	13.0	.01	.01	.001	3.86	.22	.50
A	14.0	15.4	10004		.01	12.0	.01	.01	.001	3.15	.37	.35
A	15.4	16.9	10005		.02	17.0	.02	.01	.01	3.51	.37	.20
A	16.9	18.4	10006		.05	33.0	.02	.02	.01	4.35	.02	.15
A	18.4	19.9	10007		.07	36.0	.01	.02	.02	5.07	.02	.17
A	19.9	21.4	10008		.08	40.0	.01	.01	.02	5.19	.02	.14
A	21.4	22.9	10009		.07	35.0	.01	.01	.02	5.29	.03	.22
A	22.9	24.4	10010		.09	54.0	.03	.01	.02	4.58	.01	.11
A	24.4	25.9	10011		.01	7.0	.01	.03	.005	3.05	.01	.04
A	25.9	27.4	10012		.005	6.0	.02	.02	.001	3.36	.01	.03
A	27.4	28.9	10013		.02	19.0	.02	.02	.005	2.50	.005	.005
A	28.9	30.8	10014		.04	26.0	.02	.03	.005	3.50	.01	.02

DDH ER90CH02 SURVEY LOG

H DDHID : ER90CH02
H LOGGED BY : MLA
H DATE : SEP 90
H CORE SIZE : NQ 2
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	188.1	000.0	-90.0	-6.0	2.0	838.2
R		188.1		-87.5			

DDH ER90CH02 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	9.1	OVBN				:TRI CONED - NO CORE
L	9.1	13.3	ARGT	3N	2	-	:CORE BROKEN UP, RELATIVELY UNALTERED,
L							:FG, MIN QZ/CB >>
L	13.3	14.7	TFAS	4NA	2	CB	:MOD CB ALTN, FG FRAG, 4% C ALTD FRAG, TR
L							:FG DS PY
L	14.7	16.2	TFAS	4UA	2	CB	:MOD CB ALTN, 1 QZ/CB VN, TR FG PY
L	16.2	17.8	TFAS	4WA	2	CB	:MOD ALTN, 2 CB +/- QZ VN, CG ASH, TR SDE
L	17.8	19.3	ASLP	4WA	2	CB	:MIN LAP FRAG, QZ/CB PT & VN, TR SDE
L	19.3	20.9	TFLP	4A	2	CB	:70% FG LAP FRAG, MOD ALTN, 1% PY BLEB
L	20.9	22.6	TFLP	4A	2	CB	:AS ABOVE: 0.5% PY BLEB, QZ/CB <<
L	22.6	24.2	TFAS	4A	1	CB	:FG ASH, MOD ALTN, TR SDE
L	24.2	25.7	TFAS	4A	1	CB	:AS ABOVE: TR SDE
L	25.7	27.3	TFAS	4A	2	CB	:MOD CB ALTN, 1 QZ/CB VN, TR >>, TR SDE
L	27.3	28.8	TFAS	4A	1	CB	:TR <<, TR SDE, WK - MOD CB ALTN
L	28.8	30.4	TFAS	5A	1	CB	:WK -MOD ALTN
L	30.4	32.3	TFAS	5A	1	CB	:WK CB ALTN, TR CB >>, TR SDE
L	32.3	35.6	ASLP	7AG	2	CS	:WK CL & MS ALTN, MIN CB >>, MG FRAG,
L							:GRADES FROM CB TO CS ALTN, NO PY
L							:(FOOTWALL?)
L	35.6	38.3	TFAS	4A	3	P	:WK CB ALTN, CB >>, TR PY - PROPYLITIC
L							:ALTN
L	38.3	41.3	TFAS	6AG	1	P	:WK CB, CL, MS ALTN, MIN CB <<, NO PY
L	41.3	44.1	TFAS	7AG	2	P	:CB, CL, MS ALTN, 1% PY BLEB
L	44.1	46.9	TFAS	7WG	3	P	:CL & MS ALTN, SEV QZ/CB >> & VN, TR PY
L	46.9	50.0	TFAS	5RG	3	P	:MIN CB ALTN, PT HE VOLC, WELL FRACT,
L							:TR PY
L	50.0	53.0	TFAS	4UR	2	P	:MIN CL ALTD PT, SEV QZ/CB >>, NO PY
L	53.0	55.9	TFAS	4UR	4	P	:HE MATRIX, BX BTW 54.5-55.3m, ABUND CB >>
L	55.9	64.4	TFAS	4UR	2	-	:MIN BX PT, QZ/CB << & PT, VTR PY
L	64.4	69.9	TFAS	7GW	2	CS	:CL/MS ALTN, QZ/CB >>, NO PY
L	69.9	82.2	TFLP	4UR	2	-	:MG TO CG FRAG, CL & HE FRAG, HE MATRIX,
L							:QZ/CB VN & >>

```
L  82.2   99.3  TFLP   4UR  3     -  :HE MATRIX, HE & MIN CL FRAG, QZ/CB VN,
L                                    :<<, & PT, MIN BX PT
L  99.3  103.1  TFLP   6TR  4    MS  :SEV MS ALTD FRAC & PT, BX PT, QZ/CB VN
L 103.1  107.3  TFLP   4AR  3     -  :MIN MS ALTN, CG FRAG, NO PY, DEC QZ/CB >>
L 107.3  119.1  TFLP   4UR  2     -  :HE MATRIX, TR MS FRAG, QZ/CB >>
L 119.1  120.4  TFLP   5WR  4     Q  :BX'D HE VOLC W/ QZ/CB INFILL
L 120.4  127.6  TFAS   5GR  2     -  :DK HE MATRIX, DEC QZ/CB >>
L 127.6  132.8  TFAS   5WR  4     Q  :INT QZ/CB VN & >>, XTR PY
L 132.8  160.3  TFLP   4GR  2     -  :MOD QZ +/- CB >> & PT, XTR PY
L 160.3  166.9  TFLP   5WR  3     Q  :QZ +/- CB MATRIX, WK BX, HE FRAG, TR PY
L 166.9  171.2  ARGT   3N   1     -  :FG, TR QZ +/- CB <<, TR PY BLEB
L 171.2  174.1  LADY   7YW  2     C  :FG DYKE, 2 INCLUSIONS OF ARGT, TR CB ALTN
L 174.1  177.4  ARGT   3WN  2     -  :FG, MOD QZ/CB <<
L 177.4  188.1  TFAS   5UR  2     -  :FG FRAG, HE MATRIX, COMMON QZ/CB >> & <<,
L                                    :TR PY <<
R                                    :E.O.H. @ 188.1m
```

DDH ER90CH02 STRUCTURAL LOG

FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	13.3	CN	--			:CN BTW ARGT/TFAS - NOT IN CORE
S	15.8	VN	25		0.7cm	:QZ/CB VN - NO VISIBLE SDE
S 38.3	38.5	CN	--			:GRADUAL CN BTW CB ALTN/PROP ALTN W/IN
S						:TFAS (FOOTWALL ALTN?)
S 49.7	49.9	CN	--			:GRADUAL CN BTW CB/CL ALTN & WK CB/HE
S						:ALTN
S 54.5	55.3	BX	--			:BX'D HE TFAS
S 119.1	120.4	BX	--			:BX ZONE OF HE TFAS W/ QZ INFILL
S	166.9	CN	37			:CN BTW TFLP/ARGT - SHARP
S	171.2	CN	24			:CN BTW ARGT/LADY - SHARP
S	174.1	CN	27			:CN BTW LADY/ARGT - SHARP
S	177.4	CN	10			:CN BTW ARGT/TFAS

DDH ER90CH02 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	13.3	14.7	10111		.005	4.0	.03	.005	.12	1.70	.01	.03
A	14.7	16.2	10112		.001	4.0	.03	.005	.12	1.54	.01	.02
A	16.2	17.8	10113		.001	3.0	.03	.001	.12	0.84	.01	.01
A	17.8	19.3	10114		.001	3.0	.04	.001	.08	0.90	.01	.005
A	19.3	20.9	10115		.001	3.0	.07	.001	.12	0.88	.01	.01
A	20.9	22.6	10116		.001	3.0	.09	.001	.08	1.10	.01	.02
A	22.6	24.2	10117		.005	2.0	.02	.001	.11	1.59	.01	.02
A	24.2	25.7	10118		.005	2.0	.002	.001	.16	1.62	.01	.03
A	25.7	27.3	10119		.005	2.0	.01	.001	.18	1.92	.01	.03
A	27.3	28.8	10120		.005	2.0	.02	.001	.16	1.90	.01	.02
A	28.8	30.4	10121		.005	2.0	.02	.001	.08	2.25	.005	.02
A	30.4	32.3	10122		.005	2.0	.02	.005	.09	2.09	.005	.02
A	32.3	35.6	10123		.001	1.0	.04	.01	.005	3.20	.005	.01
A	35.6	38.3	10124		.005	1.0	.02	.01	.01	2.10	.01	.01
A	38.3	41.3	10125		.001	0.1	.02	.01	.005	1.90	.005	.01
A	41.3	44.1	10126		.001	1.0	.02	.01	.005	2.20	.005	.02
A	44.1	46.9	10127		.001	1.0	.03	.01	.005	2.10	.005	.01
A	119.1	120.4	10128		.001	0.1	.02	.01	.005	1.40	.01	.03
A	127.6	130.0	10129		.001	1.0	.03	.01	.005	1.20	.005	.03
A	130.0	132.8	10130		.001	1.0	.02	.01	.005	1.30	.005	.04

DDH ER90CH03 SURVEY LOG

H DDHID : ER90CH03
H LOGGED BY : MLA
H DATE : OCT 90
H CORE SIZE : NQ 2
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	182.9	340.0	-45.0	64.5	186.0	

DDH ER90CH03 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	1.3	OVBN				:TRI CONED - NO CORE
L	1.3	4.8	TFAS	4RG	1	-	:CORE BROKEN UP, FG ASH, TR QZ <<, MIN
L							:MICACEOUS HEMATITE XT, OXID FRACT
L	4.8	10.8	ASLP	6UR	2	-	:COM QZ +/- CB >> & <<, MIN QZ PT, CL/HE
L							:MATRIX
L	10.8	13.2	TFAS	6R	1	-	:HE MATRIX, 3-4% HE FLAKE, MIN QZ/CB +/-
L							:MIN CL >> & <<
L	13.2	29.3	TFAS	4AG	1	-	:MIN - TR QZ +/- CB >> & <<, 1-2% HE XT
L							:WKLY MAG
L	29.3	30.3	TFAS	7AG	2	Q	:WK Q ALTN, 1 QZ VN, MIN QZ >>, HE XT,
L							:GRAD CN'S
L	30.3	40.1	TFAS	4AG	2	-	:MIN QZ/CB >>, TR CL <<, 2-3% HE XT
L	40.1	42.3	TFAS	4GR	3	-	:HE MATRIX, WK QZ BX PT, COM QZ/CB >> & <<
L	42.3	44.7	TFAS	5AG	2	-	:CL/HE MATRIX, HE XT, MIN QZ +/- CB >>,
L							:WKLY MAG
L	44.7	46.7	TFAS	6GR	3	Q	:WK Q ALTN, SEV QZ +/- CB VN & >>
L	46.7	57.5	TFAS	4AG	1	-	:MIN QZ +/- CL VN & >>, HE XT, WKLY MAG
L	57.5	60.8	TFAS	5AG	3	-	:SEV QZ +/- MIN CL VN & >>
L	60.8	74.2	TFAS	4UR	2	-	:HE MATRIX, MOD QZ >> & <<, MIN LAP FRAG
L	74.2	76.1	TFLP	5WR	2	-	:STR LAYERING (THIN), MIN QZ >>
L	76.1	84.7	ASLP	4UR	1	-	:COM QZ BLEB, MIN QZ >>
L	84.7	118.6	TFAS	4AG	2	-	:CL MATRIX, SEV QZ/CB VN, TR QZ >>, HE XT,
L							:MOD MAG
L	118.6	125.3	ASLP	4GR	2	C	:MIN C ALTD PT, MOD QZ >>
L	125.3	127.0	TFDT	4TR	1	MS	:WK MS ALTD PT, MIN CL <<, TR GN/PY <<
L	127.0	133.6	TFLP	6TR	2	MS	:WK MS ALTN, MIN WK QZ BX, TR CP BLEB &
L							:BORNITE <<
L	133.6	140.8	TFLP	4GR	1	-	:MIN QZ >>, 1 SMALL MS ALTD PT W/ TR SDE
L	140.8	141.8	TFAS	6TR	3	MS	:WK MS ALTD PT W/ MIN GREY SDE << & BLEB
L	141.8	150.3	ASLP	4RG	1	-	:CL MATRIX, TR QZ <<, TR BLEACHED PT
L	150.3	157.1	ASLP	5RG	3	-	:CL/HE MATRIX, QZ PT, MOD QZ >>
L	157.1	182.9	TFAS	4RG	1	-	:CL/HE MATRIX, MIN QZ << & >>, V WKLY MAG
R							:E.O.H. @ 182.9m

DDH ER90CH03 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		10.8	CN	56			:CN BTW CL TFAS/HE TFAS - SHARP
S		48.1	VN	10		1.5cm	:QZ VN W/ MIN CL
S		57.7	VN	15		1.0cm	:QZ VN
S	74.2	76.1	SO	44		0.2cm	:THIN BEDDING - WATERLAIN TUFF?
S		91.9	VN	23		1.5cm	:QZ VN W/ 15-20% CL
S		102.2	VN	18		2.2cm	:QZ VN W/ 25-30% CL

DDH ER90CH03 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	125.3	127.0	10131		.01	4.0	.04	.01	.005	1.70	.005	.02
A	127.0	130.0	10132		.02	3.0	.04	.01	.005	1.70	.005	.02
A	130.0	133.6	10133		.005	2.0	.05	.01	.005	2.10	.005	.02
A	140.8	141.8	10134		.005	3.0	.05	.01	.005	1.60	.005	.02

DDH ER90CH04 SURVEY LOG

H DDHID : ER90CH04
H LOGGED BY : MLA
H DATE : OCT 90
H CORE SIZE : NQ 2
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	113.9	160.0	-45.0	104.00	-37.3	

DDH ER90CH04 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	3.0	OVBN				:TRI CONED - NO CORE
L	3.0	8.5	TFAS	6AG	2	-	:CORE BROKEN UP, CL MATRIX, WKLY MAG, MIN
L							:CL >>, NO SDE
L	8.5	30.9	TFAS	4AG	1	-	:MG ASH FRAG, CL FRAG, TR QZ/CB VN & <<,
L							:MIN CL <<
L	30.9	35.3	TFAS	6AG	3	C	:WK C ALTN (GRAD), COM QZ/CB >> & <<
L	35.3	41.9	TFAS	7TA	4	C	:GRAD INC IN C ALTN OVER 0.5m, SEV QZ/CB
L							:VN & >>
L	41.9	45.1	TFAS	6AR	4	C	:MOD C ALTN, HE MATRIX, SEV QZ/CB >> & <<,
L							:ALTN INT NEAR END OF INTERVAL
L	45.1	59.9	ARGT	3N	1	-	:FG MIN QZ/CB <<, CORE BROKEN UP
L	59.9	61.8	ARGT	4TA	2	-	:INTERLEVED ARGT & CG TFLP, SHARP CN'S,
L							:MIN QZ/CB VN & >>, ANG MS ALTD LAP FRAGS
L	61.8	68.5	ARGT	3N	1	-	:FG, TR QZ/CB <<
L	68.5	74.8	ARGT	4TA	2	-	:INTERLEVED ARGT & CG TFLP, TR QZ/CB <<
L	74.8	79.7	ARGT	4N	2	-	:FG, MIN QZ/CB VN & >>
L	79.7	80.5	ASLP	6TA	3	C	:MOD - STR C ALTN, MOD QZ/CB VN +/- MIN
L							:PY BLEBS
L	80.5	102.4	ARGT	3N	1	-	:FG, TR QZ/CB <<
L	102.4	113.9	ARGT	3N	2	-	:FG, INC QZ/CB VN, >>, <<, TR QZ BX (WK)
R							:E.O.H. @ 113.9m

DDH ER90CH04 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	35.3	41.9	VN	58		0.2cm	:SEV QZ/CB >> & <<
S		45.1	CN	36			:CN BTW TFAS & ARGT - SHARP
S		79.7	CN	--			:CN BTW ARGT/ASLP - NOT IN CORE
S		80.5	CN	--			:CN BTW ASLP/ARGT - NOT IN CORE

DDH ER90CH04 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
R	NO SAMPLES TAKEN											

DDH ER90CH05 SURVEY LOG

H DDHID : ER90CH05
H LOGGED BY : MLA
H DATE : OCT 90
H CORE SIZE : NQ 2
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	194.2	340.0	-45.0	-49.0	231.0	
R		194.2		-41.0			

DDH ER90CH05 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	33.5	OVBN				:TRI CONED - NO CORE
L	33.5	39.4	TFAS	4AG	3	-	:MG ASH, MOD QZ >> & << +/- CL, TR SPEC HE
L	39.4	46.6	TFAS	4AR	2	-	:HE MATRIX, MIN QZ +/- CL >>
L	46.6	71.5	TFAS	4AG	1	-	:CL MATRIX, MIN QZ/CB/CL VN +/- MIN PY,
L							:TR QZ <<
L	71.5	84.3	TFAS	4UR	3	-	:SEV QZ >>,<< & BLEB
L	84.3	91.8	ASLP	5AR	2	-	:MIN LAP FRAG, COM QZ <<, QZ BLEB
L	91.8	96.1	ASLP	5WR	2	-	:THINNLY LAYERED, COM QZ <<, MOD LAP PT
L	96.1	102.1	TFAS	4UG	1	-	:CG ASH, CL MATRIX, HE FRAG, MIN QZ <<
L	102.1	108.7	TFAS	4AR	3	-	:WK MS ALTD PT, SEV QZ W/ MIN CL VN,
L							:MIN QZ <<
L	108.7	130.3	TFAS	4AG	2	-	:CL MATRIX, FG ASH, MIN QZ/CB/CL VN, TR QZ
L							:<<, MOD MAG
L	130.3	148.2	TFAS	4AG	3	-	:AS ABOVE: MOD QZ/CB/CL VN & <<
L	148.2	150.6	TFAS	6UR	2	-	:HE MATRIX, MIN LAP FRAG, CL/QZ PT & >>
L	150.6	166.8	TFAS	4UR	2	-	:MIN QZ/CB PT, MIN LAP
L	166.8	169.3	TFAS	5UR	4	-	:MIN QZ/CB WKLY BX'D PT'S, MIN WK MS
L							:ALTD PT
L	169.3	174.7	TFAS	7TG	4	MS	:SEV MS ALTD PT, WK BX PT W/ QZ/CB INFILL
L	174.7	187.7	TFAS	4AR	2	-	:HE MATRIX, COM CL FLAKES, MIN QZ >> & <<
L	187.7	194.2	TFAS	4AG	2	-	:CL MATRIX, MIN QZ/CL >>, MIN QZ <<, TR DS
L							:PY, MOD MAG
R							:E.O.H. @ 194.2m

DDH ER90CH05 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		53.1	VN	06		2.5cm	:QZ/CB/CL VN W/ TR FG PY
S	91.8	96.1	SO	52			:THIN LAYERS - ASH & LAP
S		111.7	VN	34		1.8cm	:QZ/CB/CL VN

DDH ER90CH05 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
R	NO SAMPLES TAKEN											

DDH ER90CH06 SURVEY LOG

H DDHID : ER90CH06
H LOGGED BY : MLA
H DATE : SEP 90
H CORE SIZE : NQ 2
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	170.1	340.0	-45.0	-117.0	43.0	
R		170.1		-41.0			

DDH ER90CH06 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	25.0	OVBN				:TRI CONED - NO CORE
L	25.0	31.9	ARGT	2N	1	-	:FG, CORE BROKEN UP, TR CB <<
L	31.9	46.1	ARGT	2N	1	-	:FG, MIN CB >> & <<
L	46.1	47.9	ARGT	2NA	1	-	:FG, MIN QZ/CB <<, NO PY
L	47.9	49.5	TFAS	4A	1	CB	:WK ALTN, CG ASH, MIN CB <<, 15% C ALTD
L							:FRAG, 1-2% FG PY
L	49.5	51.1	TFAS	4A	2	CB	:25% C ALTD FRAG, 1% FG PT, CB VN & <<
L	51.1	52.6	TFLP	4TA	2	CB	:40% C ALTD FRAG, MG, CB VN & <<, MIN DS
L							:PY
L	52.6	54.1	TFLP	6WA	2	CB	:FG LAP, MOD ALTN, TR PY, WKLY LAYERED PT
L	54.1	55.6	TFLP	5A	3	CB	:CB/QZ VN, WK ALTN, TR PY, TR DS SILVER
L							:METALLIC MINERAL (GALENA?)
L	55.6	57.2	TFLP	4NA	3	CB	:QZ/CB VN W/ TR GN, 1% DS PY
L	57.2	58.7	TFLP	4A	3	CB	:QZ/CB VN & >>, 50% FRAG, 2-3% FG PY PT,
L							:TR DS GN
L	58.7	60.2	TFLP	3A	2	Q	:WK ALTN, MIN QZ/CB <<, MIN FG PY
L	60.2	61.7	TFLP	3A	2	Q	:TR PY, TR QZ/CB <<
L	61.7	63.3	ASLP	3A	1	Q	:WK ALTN, 20% FRAG, TR DS PY
L	63.3	64.5	TFLP	4TA	1	Q	:FG LAP, TR PY, NO <<
L	64.5	67.1	TFAS	6TA	4	CB	:MOD ALTN, WKLY LAYERED?, WK BX PT, NO PY
L							:SEV QZ/CB >>
L	67.1	68.6	ASLP	5TA	2	CB	:WK ALTN, TR CB/QZ <<, TR PY
L	68.6	70.1	TFAS	3AN	2	CB	:MOD ALTN, TR CB +/- QZ VN - 1 W/ SLICKEN-
L							:SIDES, TR PY
L	70.1	71.8	TFAS	3AN	1	CB	:TR CB <<, MIN FG PY BLEBS, TR DS PY,
L							:MOD CB & C ALTN
L	71.8	73.2	TFAS	3AN	1	CB	:AS ABOVE: INC QZ/CB <<
L	73.2	74.7	TFAS	4AN	1	CB	:AS ABOVE: MIN CB <<
L	74.7	76.0	TFAS	4AN	2	CB	:INC QZ/CB <<, TR FG PY
L	76.0	78.6	TFAS	7WG	3	P	:PROPYLITIC ALTN, MIN CB <<, TR PY, GREEN
L							:FRAG, STR CB ALTN
L	78.6	81.6	TFAS	6GA	2	P	:WK-MOD CB ALTN, CB >> & <<, TR PY
L	81.6	85.7	TFAS	7WG	1	P	:MOD PROP ALTN, STR CB/MOD CL, TR PY

L	85.7	87.8	LPAS	6AR	1	CB	:WK CB ALTN, INTERLEVED TFAS & TFLP
L	87.8	94.3	TFAS	5UR	2	C	:STR C ALTN, COM CB >> & <<, TR PY
L	94.3	103.2	TFAS	4UR	2	-	:HE FRAG & MATRIX, MIN QZ/CB AMYGDØLES &
L							: >>
L	103.2	110.3	TFAS	5WR	3	-	:SEV QZ/CB PT & >>, CL PT & FRAG, TR PY
L	110.3	112.1	TFAS	7G	4	P	:STR ALTN, INT HE/CB >> & <<, NO PY
L	112.1	125.5	TFAS	5TR	3	CB	:SEV BLEACHED WKLY CB ALTD PT, SEV QZ +/-
L							:CB VN & >>, TR PY
L	125.5	142.9	TFAS	4UR	2	-	:COM QZ/CB VN & >>, MIN AMYGDØLES, TR PY
L							:HE MATRIX
L	142.9	155.1	TFAS	4GR	3	-	:AS ABOVE: ABUND CL >> & PT
L	155.1	156.4	TFAS	7GW	2	C	:SMALL CL/C ALTD PT, SLICKENSIDES ALONG
L							:FRACT, NO PY
L	156.4	170.1	TFAS	5WR	2	-	:SEV QZ/CB >>, <<, & PT, NO PY
R							:E.O.H. @ 170.1m

DDH ER90CH06 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		47.9	CN	--			:CN BTW ARGT/TFAS
S		50.7	VN	70		0.7cm	:CB VN - NO SDE
S	53.8	54.1	BN	81			:WK LAYERING - BEDDING?
S	56.7	56.8	VN	40			:QZ/CB VN W/ TR GN
S	64.5	65.1	BN	71			:THIN LAYERS - BEDDING?
S	66.3	66.6	BX	--			:WK BX W/ C INFILL
S		69.0	VN	48			:CB << W/ SLICKENSIDES
S		85.7	CN	50			:CN BTW P ALTD TFAS/HE TFAS

DDH ER90CH06 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	47.9	49.5	10062		.005	2.0	.02	.03	.01	2.59	.005	.02
A	49.5	51.1	10063		.001	4.0	.04	.05	.01	2.10	.01	.01
A	51.1	52.6	10064		.001	2.0	.03	.03	.01	1.85	.005	.01
A	52.6	54.1	10065		.001	3.0	.03	.04	.01	2.21	.01	.02
A	54.1	55.6	10066		.02	24.0	.03	.04	.01	4.31	.13	.15
A	55.6	57.2	10067		.03	42.0	.03	.06	.01	3.67	.22	.12
A	57.2	58.7	10068		.02	27.0	.02	.02	.005	3.81	.04	.18
A	58.7	60.2	10069		.03	37.0	.02	.02	.01	3.84	.21	.21
A	60.2	61.7	10070		.001	6.0	.03	.01	.005	2.55	.06	.10
A	61.7	63.3	10071		.001	4.0	.03	.01	.005	2.09	.01	.02
A	63.3	64.5	10072		.001	2.0	.02	.02	.005	1.64	.001	.01
A	64.5	67.1	10073		.001	2.0	.01	.03	.005	4.13	.001	.005
A	67.1	68.6	10074		.001	3.0	.03	.02	.01	3.19	.001	.01
A	68.6	70.1	10075		.001	4.0	.03	.02	.01	2.54	.005	.01
A	70.1	71.8	10076		.001	5.0	.03	.03	.005	2.21	.001	.01
A	71.8	73.2	10077		.001	3.0	.03	.03	.005	2.67	.005	.01
A	73.2	74.7	10078		.001	3.0	.03	.04	.005	3.18	.001	.01
A	74.7	76.0	10079		.001	5.0	.04	.04	.005	3.39	.001	.01
A	76.0	78.6	10080		.001	2.0	.03	.03	.001	4.81	.001	.01

DDH ER90CH07 SURVEY LOG

H DDHID : ER90CH07
H LOGGED BY : MLA
H DATE : SEP 90
H CORE SIZE : NQ 2
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	112.5	340.0	-45.0	-13.5	-102.2	
R		112.5		-46.0			

DDH ER90CH07 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	9.1	OVBN				:TRI CONED - NO CORE
L	9.1	16.7	TFAS	4UR	2	-	:COM QZ +/- CB << & SP, VTR PY, HE MATRIX
L	16.7	19.6	TFAS	5UR	1	-	:AS ABOVE: 2% QZ/CB AMYGDULES
L	19.6	30.2	TFAS	4UR	1	-	:TR CL SP, MIN QZ/CB AMYGDULES, MIN QZ/CB
L							:VN & >>
L	30.2	38.7	ASLP	5UR	2	-	:MIN LP PT, MIN AMYG, INC QZ/CB >> & <<,
L							:TR CL << & SP
L	38.7	47.9	ASLP	6WR	3	-	:SEV QZ/CB PT, MOD AMYG, MOD QZ/CB >> & <<
L							:TR PY
L	47.9	55.6	TFAS	5UR	2	-	:SEV QZ/CB AMYG, MIN CL SP, TR PY <<
L	55.6	65.4	TFAS	4WR	4	-	:WK BX PT W/ QZ/CB INFILL, SEV QZ/CB >>
L	65.4	72.3	TFAS	5UR	3	-	:DEC QZ/CB BX PT, CL FRAG
L	72.3	73.0	TFLP	4TR	1	-	:CG ANGULAR FRAG, MIN QZ/CB >>
L	73.0	85.3	TFAS	4UR	2	-	:MG ASH, COM AMYG, MIN CL <<, TR WK BX
L	85.3	90.1	TFLP	5UR	1	-	:CG FRAG, MIN QZ/CB << & >>, QZ +/- CB PT,
L							:CL << & PT
L	90.1	95.8	ASLP	4AR	3	-	:MOD QZ +/- CB PT & <<, TR CL <<
L	95.8	99.6	TFLP	5WR	3	-	:SEV QZ/CB BX PT, MOD QZ <<
L	99.6	101.4	TFAS	5GR	3	-	:FG ASH W/ CL SP, TR QZ +/- CB >> & <<
L	101.4	106.0	ASLP	6GR	3	-	:MIN QZ +/- CB WK BX, COM QZ/CB >>,
L							:105.5-106.0m ALTD BY LADY
L	106.0	107.3	LADY	7YW	2	-	:FG LADY, 2 ANGULAR ARGT INCLUSIONS W/
L							:QZ/CB <<
L	107.3	112.5	TFLP	5GR	3	-	:CG FRAG, MOD QZ/CB/CL WK BX PT, COM QZ/CB
L							:>> & <<
R							:E.O.H. @ 112.5m

DDH ER90CH07 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		27.4	VN	35		4.1cm	:QZ/CB VN W/ TR FG PY ALONG MARGIN
S	98.3	99.1	BX	--			:QZ/WK CB BX ZONE - NO SDE
S		106.0	CN	--			:CN BTW ASLP/LADY - NOT IN CORE- 0.5m
S							:ALTN OF TF
S		107.3	CN	--			:CN BTW LADY/TFLP - NOT IN CORE - 0.2m
S							:ALTN OF TF

DDH ER90CH07 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
R	NO SAMPLES TAKEN											

DDH EC91DH01 SURVEY LOG

H DDHID : EC91DH01
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	102.11	090.0	-45.0	12.5	-30.5	497.0

DDH EC91DH01 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	6.10	OVBN				:
L	6.10	7.06	REGL				:RUBBLE, PRIMARILY VOLCANIC ROCK FRAGMENTS.
L	7.06	12.09	AT	5A	5	CL	:PALE GREEN CHL ALT THRU, OCC LAP-SIZED
L							:PYROCLASTS. QTZ +/- CALC OR ANKERITE
L							:FILLS FRACS, SBRD CHTY FRAGS THRU, TR TT
L							:IN QTZ VNS, MAY BE SOME KIND OF
L							:SEDIMENTARY DEPOSITED TUFFACEOUS
L							:MATERIAL.
L	12.09	14.53	LT	4A	5		:SBANG LAP TO 6mm THRU, QTZ + CARB FILLS
L							:FRACS, BLK SEMI-HARD (4-4.5) MATERIAL
L							:IN WISPY VNLTS (MAY BE SOME SORT OF
L							:BITUMINOUS MATERIAL), TR PY, SMALL TR
L							:TT (<< 1%), LOCALIZED CLUSTERS OF CALC
L							:XLS W/ MNR GL.
L	14.53	15.24	AT	5A			:FAULTED, SOFT, ALTERED, CARB + QTZ VNS/
L							:VNLTS THRU, SHEARING EVIDENT, SMALL TR TT.
L	15.24	34.38	AT	6A			:FG, SBRD-RD QTZ & CHT CLASTS THRU,
L							:SEDIMENTARY DEPOSITION EVIDENT, QTZ &
L							:CARB VNLTS IN CHAOTIC NETWORK, SMALL TR
L							:TT, BDDG ABSENT FOR MOST PART, TT
L							:TYPICALLY ASSOC W/ QTZ/CARB VNLTS, ALSO
L							:SEEN AS TR DISM, LOC DK GY & ARG I/P,
L							:> 26.7 BECOMING M-C G, SMALL TR TT THRU.
L	34.38	37.18	AT	5A	7		:FAULTED, M-C G, SHEARED, CARB VNS, SOFT,
L							:CRUMBLY, TR-MNR TT, CARB +/- QTZ FILLS
L							:FRACS.
L	37.18	37.72	AT	8A			:VF-F G, SOFT, CARB FILLS WISPY FRACS, ABNT
L							:BLK SPECS THRU (CBN MAT), SMALL TR TT.
L	37.72	42.67	AT	5A	5		:VF-F G, MOD FRAC INT, CARB FILLS FRACS
L							:(SIDERITE/ ANKERITE), TR FN'LY DISM TT
L							:CARB VNS (CARBONATE IS DOLOMITE OR
L							:ANKERITE), MNR GL IN VNS.
L	42.67	44.54	LT	5A		CL	:LT CRMY GY OR BRN-GY ANG LAP TO 30mm,
L							:LARGE CRMY TAN-GY BLOCK (42cm) EVIDENT,

L							:BLOCK SHOWS EVIDENCE OF SMALL SCALE FLTG,
L							:OCC LARGE (TO 20cm) GREEN CHLORITIZED
L							:PATCH, RR TT, RR GL.
L	44.54	46.19	AT	5A	5		:VF-F G, CARB + GY SILICA FILLS FRACS, TR
L							:TT THRU.
L	46.19	49.39	AT	7A	7		:V F G, INT CHAOTIC FRAC, TR TT + CP
L							:ALONG CARB FILLED FRACS, OCC WISPY QTZ
L							:FILLED FRACS.
L	49.39	50.62	ARG	N	7		:V INT CHAOTIC FRAC, FE-BEARING CARB
L							:(ANKERITE/ SIDERITE) + QTZ FILLS FRACS,
L							:TR-MNR CP, TR TT, MNR SHEARING EVIDENT.
L	50.62	51.82	LT	6GA			:SBANG LAP TO 6mm, QTZ + CARB FILLED FRACS
L							:COM THRU, ARGILLACEOUS I/P, TR TT THRU.
L	51.82	55.81	AT	8G	7		:LOC MOTTLED, MAROON & GREEN, OCC LAP, INT
L							:CHAOTIC CARB +/- QTZ FILLED FRAC, RR TT,
L							:SMALL TR PY, TR CP, POSSIBLE FLTED ZONE
L							:55.4-55.7.
L	55.81	57.08	AT	GM		CL	:MOTTLED GREEN & MAROON, ANG BREC FRAGS TO
L							:3cm, QTZ + CARB FILLS MTX,MNR CHLOR ALT,
L							:NO VIS SULFIDES.
L	57.08	60.83	AT	8G	7		:OCC MAROON, INT CHAOTIC CARB + QTZ FILLED
L							:FRACS, LOC W/ MNR PY & TR CP W/ SMALL TR
L							:TT, SEVERAL POSSIBLE FAULTS.
L	60.83	62.28	AT	3M	7		:AMYGDALOIDAL DAC-AND; V F G, ABNT CARB
L							:FILLED AMYGS< 3mm.
L	62.28	62.79	AT	8G			:SOFT, SHEARED, MICROBREC, CARB FILLS
L							:FRACS, NO VIS SULF.
L	62.79	64.30	AT	GM			:PROTO GREEN & MAROON AT, INT BREC THRU,
L							:LOC GOUGE, RR-TR TT, CARB VNS.
L	64.30	65.00	AT	GM			:A/A, ABNT PY + TR TT THRU, ABNT CARB (ANK)
L							:+ MNR QTZ + SULF CMTS FRAGS.
L	65.00	67.06	AT	GM	7		:AT PROTO, OCC VNS, TR MICROGRAN TT,
L							:SHEARING & CRENULATED CARB +/- QTZ VNS,
L							:OCC GOUGE.
L	67.06	73.92	AT	5M	7		:LOC PALE GREEN OR MOTTLED GREEN & MAROON,
L							:INT FRAC, BREC I/P, CARB +/- QTZ FILLS
L							:ABNT WISPY VNLTS, STRGS & IRREGULAR
L							:CAVITIES THRU, RR-TR MICROGRAN TT.
L	73.92	76.45	ARG	N	7		:WISPY CARB FILLED MICROVNLTS THRU, MNR TT
L							:+ CP FROM 73.92-74.12.
L	76.45	78.87	AT	TA	7		:TO V PALE MOTTLED MAROON & GREEN, LOC
							:BREC: CARB FILLS FRACS & STRGS, VNLTS &
							:CAVITIES; ABNT THRU, SMALL TR TT, INT
							:BREC (77.62-78.87).
L	78.87	79.92	ANDY				:V F'LY XLN, FELD & MAF (AMPH OR PYX)
L							:PHENOS IN CRYPTOXLN GRNDMASS, ABNT CARB
L							:FILLED AMYGS IN UPPER & LOWER 20cm, WKLY
L							:MAGNETIC, OCC CARB VNLT W/ TR PY & SMALL
L							:TR TT.
L	79.92	86.89	AT	5M	7		:CARB + QTZ FILLS FRACS & CAVITIES, LOC W/
L							:ABNT AMYG, INT BREC (81.25-86.89), NO
L							:VIS SULF.
L	86.89	88.10	LT	5M	7	CL	:PALE GREEN, GY, MAROON OR CRMY WH LAP TO
L							:50mm, QTZ +/- CARB FILLS FRACS & CAVITIES,
L							:MNR CHLOR ALT THRU.

L	88.10	88.56	GOUGE	GM		:GOUGE & FLT BREC. GOUGE: PALE GREEN, SOFT,
L						:NO SULF. BREC: MD MAROON, INT BREC, QTZ +
L						:CARB FILLS BREC MTX,FRACS & CAVITIES, NO
L						:SULF.
L	88.56	89.04	AT	GMT	7	:BREC I/P, QTZ & CARB FILLS FRACS, RR TT.
L	89.04	91.63	AT	AN	7	:LARGE BLOCKS OF MD GY VOL AT & BLK ARG,
L						:BLOCKS UP TO 50 cm, MNR PY + TR TT IN ARG,
L						:TR TT IN AT.
L	91.63	92.35	ARG	N	7	:QTZ & CARB VNLTS & WISPY STRGS THRU, MNR
L						:TT THRU, MNR BLEBS OF PY.
L	92.35	93.27	LT	4A	7	:GY OR TAN ANG LAP TO 15mm, OCC BLOCKS OF
L						:BLK ARG W/ MNR PY & TR TT, MNR TT + CP
L						:THRU LT, CARB (ANK) +/- QTZ FILLING FRACS
L						:& CAVITIES.
L	93.27	94.48	ARG	N	7	:BREC??, CARB FILLED WISPY FRACS, W/ BLOCKS
L						:OF LT 12cm X 7cm IN THE MIDDLE OF THE
L						:INTERVAL, TR TT THRU ARG, MNR (3-4%) CP
L						:+ TT IN LT BLOCK. GREATER PROPORTION OF
L						:ARG 93.27-93.92, GREATER PROPORTION OF LT
L						:93.92-94.48 W/ MNR CP + TT (3-4%) COMB.
L	94.48	98.37	ARG	N	7	:WISPY CARB +/- QTZ FILLED VNLTS & STRGS
L						:THRU, OCC BREC FRAGS OF LT TO 3cm.
L	98.37	99.16	LT	2A	9	:ABNT LT GY ANG LAP TO 6mm THRU, ABNT CARB
L						:FILLED FRACS & REPLACEMENT THRU, TR TT,
L						:SMALL TR CP.
L	99.16	102.11	ARG	N	7	:A/A ABNT MICROXLN EU-ANHEDRAL TT IN QTZ
L						:VNLTS.
C	E.O.H.		102.11			

DDH ER91CH01 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		12.09	CN	34			:LOWER CONTACT WITH LT
S	12.09	14.53	BD	34			:
S	14.53	15.24	FZ	--			:FAULTED AT, W/ EVIDENT SHEARING & TR TT.
S	14.53	15.24	VN	15			:CARB VN
S		15.38	VN	28			: " "
S		22.64	FT	06			:MNR FLT W/ QTZ & CARB, TR TT
S		26.06	VN	33			:QTZ + CARB
S		34.04	VN	39		07	:CARB W/ TR TT
S	34.28	37.18	FT	--			:FAULTED AT W/ MNR TT
S	34.28	37.18	VN	14			:CARB
S		37.72	CN	42			:LOWER CONTACT W/ AT
S		39.07	VN	18			:CARB (DOLOMITE OR ANKERITE), MNR GL
S		49.39	CN	10			:UPPER AT/ARG CONTACT
S		50.62	CN	30			:CONTACT OF ARG W/ LOWER LT
S	55.40	55.70	FZ	--		300	:POSSIBLE FAULT ZONE
S	58.40	58.80	FT	--		400	:POSS FLT, MNR SHEARING, ABNT QTZ & CARB.
S	59.80	60.30	FT	--		500	:POSS FLT, INT FRAC & BRECCIATION.
S	60.60	60.80	FG	25		200	:FLT GOUGE, LOWER CONTACT.
S		60.83	CN	29			:AMYG AT CONTACT W/ ABOVE AT
S		62.28	CN	47			:AMYG AT CONTACT W/ LOWER AT
S		62.79	CN	21			:BREC CONTACT W/ OVERLYING AT
S	62.79	64.30	FG	--			:LOCALIZED GOUGE
S	62.79	64.30	VN	42			:CARB
S	65.00	67.06	FG	--			:OCC FAULT GOUGE
S	65.00	67.06	VN	30			:CARB +/- QTZ
S	73.92	76.45	VL	47			:WISPY CARB VEINLETS PREFFERED ORIENTAT.
S	77.62	78.87	BR	--		250	:INTENSE BRECCIATION
S		78.87	CN	48			:DIKE CONTACT W/ ABOVE AT
S		79.92	CN	67			:DIKE CONTACT W/ UNDERLYING AT
S	81.25	86.89	BR	--		5640	:INTENSE BRECCIATION
S		86.80	FT	35			:FAULT
S	88.10	88.56	FG	17		460	:FAULT GOUGE & BREC, UPPER CONTACT
S	91.63	92.35	VL	15			:PREFFERED ORIENTATION
S		93.27	CN	15			:ARG CONTACT W/ OVERLYING BRLT
C		102.11					:E.O.H.

DDH ER91CH01 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	7.06	N/S									
A	7.06	12.09	12039		.003	1.5		.001	.007	2.46	.004	.02
A	12.09	14.53	12040		.06	32.9		.02	.01	6.11	.02	.08
A	14.53	15.24	12041		.03	15.1		.01	.01	3.40	.03	.07
A	15.24	18.29	12042		.01	5.9		.002	.01	3.50	.06	.03
A	18.29	21.34	12043		.004	2.9		.001	.006	3.30	.01	.02
A	21.34	24.38	12044		.002	1.8		.001	.002	2.32	.007	.02
A	24.38	27.43	12045		.002	2.0		.001	.001	3.00	.01	.03
A	27.43	30.48	12046		.001	0.9		.001	.001	3.49	.007	.03
A	30.48	34.38	12047		.01	7.8		.004	.003	3.06	.006	.03
A	34.38	37.18	12048		.14	97.7		.06	.02	2.04	.01	.08
A	37.18	37.72	12049		.06	43.5		.03	.11	2.14	.01	.11
A	37.72	39.62	12050		.25	167.5		.10	.04	3.55	.42	.51
A	39.62	42.67	12051		.01	7.8		.004	.006	2.55	.03	.04
A	42.67	44.54	12052		.007	4.8		.002	.002	2.78	.02	.05
A	44.54	46.19	12053		.03	15.7		.006	.005	2.39	.11	.09
A	46.19	49.39	12054		.02	11.6		.01	.003	3.23	.02	.09
A	49.39	50.62	12055		.39	192.7		.18	.05	1.13	.11	.10
A	50.62	51.81	12056		.05	19.8		.02	.01	5.53	.06	.07
A	51.81	54.86	12057		.01	6.1		.005	.002	3.36	.004	.04
A	54.86	55.81	12130		.02	7.0	.02	.01	.006	2.00	.005	.04
A	55.81	57.08	12131		.03	10.0	.03	.01	.01	2.40	.001	.03
A	57.08	60.83	12132		.02	14.0	.03	.01	.01	2.80	.03	.06
A	60.83	62.28	12133		.002	2.0	.03	.006	.005	2.60	.003	.02
A	62.28	62.79	12134		.001	4.0	.03	.005	.002	2.20	.001	.01
A	62.79	64.30	12058		.02	9.9		.006	.001	3.17	.004	.03
A	64.30	65.00	12059		.29	194.8		.11	.03	3.80	.83	.49
A	65.00	67.06	12060		.02	9.2		.005	.001	3.29	.03	.04
A	67.06	70.10	12135		.002	4.0	.04	.007	.01	1.60	.001	.01
A	70.10	73.92	12136		.003	3.0	.04	.006	.01	1.60	.001	.02
A	73.92	76.45	12061		.04	34.5		.02	.02	3.33	.07	.05
A	76.45	78.87	12062		.003	2.0		.001	.001	4.05	.005	.05
A	78.87	79.92	12137		.004	2.0	.03	.01	.02	3.10	.001	.02
A	79.92	82.30	12138		.001	2.0	.03	.007	.02	2.50	.002	.05
A	82.30	85.34	12139		.001	4.0	.04	.01	.02	2.50	.002	.05
A	85.34	86.89	12140		.002	4.0	.04	.006	.01	2.60	.003	.05
A	86.89	88.10	12141		.001	2.0	.03	.006	.01	2.10	.001	.05
A	88.10	88.56	12142		.001	3.0	.04	.007	.01	2.30	.003	.04
A	88.56	89.04	12143		.005	5.0	.03	.007	.01	2.90	.01	.08
A	89.04	91.63	12063		.03	22.1		.01	.01	4.90	.01	.06
A	91.63	92.35	12064		.11	89.0		.04	.03	1.76	.01	.04
A	92.35	93.27	12065		.11	99.6		.06	.02	6.15	.01	.08
A	93.27	94.48	12066		.48	277.1		.19	.09	4.60	.24	.11
A	94.48	98.37	12067		.01	17.8		.007	.01	3.67	.25	.09
A	98.37	99.16	12068		.06	41.7		.03	.02	5.54	.05	.08
A	99.16	102.11	12069		.20	154.4		.10	.04	3.60	.02	.06
C	E.O.H.											

DDH EC91DH02 SURVEY LOG

H DDHID : EC91DH02
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	100.58	270.0	-45.0	16.5	44.5	500.0

DDH EC91DH02 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	3.05	OVBN				:
L	3.05	10.52	AT	3M	7		:OXIDIZED W/ ABNT Fe STAIN TO 6.5m, loc
L							:BREC, CARB + MNR QTZ FILLS FRACS &
L							:CAVITIES & BREC MTX & OCC AMYGS TO 7mm,
L							:NO VIS SULF.
L	10.52	12.32	LT	GM	7		:TOP 2-3 cm POSSIBLE FLT, PALE-MD GR SBANG
L							:BREC CLASTS IN MD MAROON MTX. FRACS FILLED
L							:W/ CARB + MNR QTZ, SMALL TR TT IN QTZ/
L							:CARB VN.
L	12.32	15.12	LT	8GM	7		:ANG-SBANG LAP TO 10mm IN DK MAROON MTX,
L							:LOC BREC, CARB +/- QTZ FILLS FRACS, BREC
L							:MTX & CAVITIES, NO VIS SULF.
L	15.12	21.46	AT	6GM	7	CL	:AMYGDULOIDAL DAC-AND, ABNT CARB FILLED
L							:AMYGS TO 16mm THRU, CARB +/- QTZ FILLS
L							:WISPY VNLTS, STRGS & CAVITIES THRU, NO
L							:VIS SULF, MNR CHLOR ALT, LOC BREC, WH
L							:CARB FILLS AMYGS, FRACS, VNLTS & BREC
L							:MTX THRU, OCC ARG BED.
L	21.46	27.57	ARG	N	7		:MAS, SOFT, WISPY MICROFRACS/VNLTS/STRGS
L							:FILLED W/ MNR TT, RR TT VNLTS, OCC GL
L							:VNLTS +/- QTZ.
L	27.57	29.93	AT	5A	7		:(BREC ASH TUFF), OCC BLOCKS OF BLK ARG TO
L							:25cm, CARB FILLS FRACS/VNLTS/CAVITIES,
L							:LOC W/ SMALL TR TT.
L	29.93	30.48	VLCG	5A	7		:(PEBBLE CONGLOMERATE), VARIOUS GY TO CRM
L							:COLORED PEBBLES OF VOLC ORIGIN IN AN ASH
L							:MTX, CARB FILLS FRACS, TR TT.
L	30.48	30.89	ARG	NT	7		:ARG/PBCG. BLK ARG W/ BD OF PBCG A/A
L							:X-CUTTING ARG, ABNT TAN-GY RIP-UP CLASTS
L							:THRU, FRACS & MICROFRACS FILLED W/ CARB,
L							:TR TT. (SHORT SOME CORE AT TOP OF
L							:INTERVAL).
L	30.89	34.33	ARG	N	7		:A/A.
L	34.33	35.05	AT	5A	7		:C G PYROCLASTS (< 2mm) IN ASH MTX, OCC

L							:BLK ARG CLASTS/STRGS/RIP-UPS, TR-MNR
L							:(<1%) MICROXLN PY DISM THRU,SMALL TR TT
L							:(<<1%), FRACS FILLED W/ Fe CARB (ANK/
L							:SID).
L	35.05	45.82	ARG	N	7		:MAS, WISPY MICROFRACS/ VNLTS/ STRGS CARB
L							:FILLED, MICROMICA, MNR TT IN OCC CARB &/OR
L							:QTZ VNLTS, RR PY, OCC GL IN QTZ VNLTS,
L							:SHEARED & BREC.
L	45.82	46.48	AT	5A	7		:ABNT QTZ & CARB FILLS FRACS, LOC W/ ABNT
L							:TT + CP + GL ASSOC W/ QTZ/CARB FRACS.
L	46.48	49.45	ARG	N	9		:A/A, ABNT QTZ VNLTS W/ MNR TT + GL +/- CP,
L							:ABNT WISPY Fe-CARB VNLTS THRU.
L	49.45	50.00	VN	UY			:RED Fe CARB W/ MNR QTZ THRU, OCC
L							:X-CUTTING QTZ +/- TT +/- GL VNLTS, TR OF
L							:RED METALLIC SEMI-SOFT SULF (PYRARGYRITE,
L							:SPEC HEMATITE, SL ???).
L	50.00	51.45	ARG	N			:A/A, QTZ VNLTS W/ TT + CP + GL.
L	51.45	54.45	LT	5TA			:ABNT CRMY-TAN SBRD-ANG LAP TO 10mm THRU,
L							:HONEYCOMBED FRAC W/ Fe-CARB, OCC QTZ +
L							:CARB VNLTS, TR TT IN VNLTS & FN'LY DISM
L							:THRU.
L	54.45	59.51	LT	2A	6		:CRMY-TAN SBRD-ANG LAP TO 16mm THRU, QTZ
L							:OR CARB FILLS FRACS, MNR-TR TT IN QTZ/CARB
L							:VNS\VNLTS.
L	59.51	59.94	ARG	N			:FAULTED??, SOFT, SHEARED, QTZ & CARB FILLS
L							:FRACS\VNLTS THRU, TR TT IN QTZ VNLTS.
L	59.94	63.83	AT	GM	7	CL	:QTZ FILLS FRACS & OPEN SPACES THRU, OCC
L							:CARB VNLT, BREC I/P, TR TT IN FRACS, MNR
L							:CHLOR ALT, OCC PATCHES OF QTZ + CP + TT
L							:IN BREC MTX.
L	63.83	70.33	LT	3M			:OCC PALE GREEN HORIZONS, QTZ + CARB CMTS
L							:BREC FRAGS, NO VIS SULF.
L	70.33	100.58	AT	2RM	7		:BECOMING DK MAROON W/ DEPTH, RR PALE GR
L							:HORIZONS, LOC BREC, QTZ +/- CARB FILLS
L							:FRACS & OPEN SPACES. 70.47-71.13m TR PY +
L							:TT IN BREC ZONE, TR CP + TT +/- PY IN
L							:OTHER NARROW ISOLATED BREC ZONES, LOC W/
L							:SMALL TR PY OTHERWISE SULF ARE ABSENT THRU
L							:THE INTERVAL. 79.2-80.7m ABNT CARB & QTZ
L							:FILLED AMYGS < 4mm. 89.3-90.3 ABNT QTZ
L							:+/- CARB FILLED AMYGS TO 3mm THRU.
C	E.O.H.		100.58				

DDH ER91CH02 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	3.05	10.52	VN	55		40	:CARB + MNR QTZ
S	10.52	10.55	FG	--		25	:SOFT MOTTLED GREEN & MAROON GOUGE
S	10.52	12.32	VN	50		35	:QTZ/CARB, SMALL TR TT + CP
S		21.46	CN	39			:AT CONTACT W/ LOWER ARG
S		27.57	CN	15			:ARG CONTACT W/ LOWER BREC-AT
S		29.93	CN	53			:BREC-AT CONTACT W/ LOWER PBCGL
S	30.48	30.89	CC	10			:X-CUTTING PBCGL BED IN ARG UNIT.
S		30.89	CN	43			:ARG/PBCGL CONTACT W/ LOWER ARG.
S		34.33	CN	41			:ARG CONTACT W/ LOWER AT
S		35.05	CN	24			:AT CONTACT W/ LOWER ARG
S	45.50	45.82	SZ	11		320	:SHEARED & BREC ZONE
S	49.45	50.15	VN	--		700	:BRECCIATED ZONE
S		49.45	CN	40			:ARG CONTACT W/ LOWER QZ/CARB VN (SHARP)
S		50.00	CN	25			:QZ/CARB VN CONTACT W/ LOWER ARG (UNEVEN)
S	50.00	51.45	VL	60			:QTZ + TT + CP + GL
S		54.45	CN	22			:LT CONTACT W/ LOWER LT
S		59.51	CN	11			:LT CONTACT W/ LOWER ARG
S	59.51	59.94	FT	--			:POSSIBLE FLT, SOFT & SHEARED
S		59.94	CN	07			:ARG CONTACT W/ LOWER AT
S	70.47	71.13	BZ	--			:BREC ZONE W/ TR CP + TT +/- PY
S	76.10	78.40	BZ	--			:MOD BREC ZONE, TR PY
S	82.90	86.10	BZ	--			:BREC ZONE W/ WH QTZ MTX, NO VIS SULF
S	91.70	99.90	BZ	--			: " " , NO VIS SULF.
C		100.58					:E.O.H.

DDH ER91CH02 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	21.46	N/S									
A	24.16	24.38	12071		.07	58.9		.03	.02	4.00	.36	.20
A	24.38	27.57	12072		.01	9.2		.003	.01	3.47	.07	.07
A	27.57	29.93	12073		.03	12.4		.01	.01	4.69	.006	.03
A	29.93	30.40	12074		.02	10.5		.006	.01	5.58	.02	.05
A	30.40	30.89	12075		.01	5.1		.002	.01	4.24	.04	.03
A	30.89	34.33	12076		.04	33.7		.01	.01	3.91	.16	.17
A	34.33	35.05	12077		.06	47.7		.02	.02	6.69	.02	.08
A	35.05	36.58	12078		.03	20.7		.01	.01	3.95	.04	.07
A	36.58	39.62	12079		.01	9.9		.004	.01	3.61	.04	.03
A	39.62	42.67	12080		.01	18.8		.006	.01	3.60	.09	.05
A	42.67	45.82	12081		.10	125.7		.04	.03	3.70	.17	.08
A	45.82	46.48	12082		2.59	859.4		1.08	.27	4.57	.27	.47
A	46.48	49.45	12083		.57	323.9		.24	.07	1.88	.06	.15
A	49.45	50.00	12084		.32	219.8		.15	.04	3.92	.06	.14
A	50.00	51.45	12085		.30	153.5		.14	.04	3.17	.19	.11
A	51.45	54.45	12086		.06	32.1		.03	.01	6.13	.08	.07
A	54.45	57.91	12087		.08	47.7		.03	.01	5.16	.07	.10
A	57.91	59.51	12088		.06	31.8		.02	.01	6.24	.03	.09
A	59.51	59.94	12089		.16	64.3		.06	.03	3.41	.06	.07
A	59.94	63.81	12090		.19	34.5		.04	.02	3.48	.005	.05
A	63.81	67.02	12091		.06	0.4		.001	.001	3.58	.002	.02
C	67.02	70.47	N/S									
A	70.47	71.13	12092		.18	2.8		.007	.01	3.22	.003	.02
C	71.13	100.58	N/S									
C	E.O.H.											

DDH EC91DH03 SURVEY LOG

H DDHID : EC91DH03
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	95.92	270.0	-45.0	17.5	80.5	498.0

DDH EC91DH03 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	5.29	OVBN				:TRI CONED - NO CORE
L	5.29	6.10	DAAM				:DK MAR, ABNT WH CARBONATE MATERIAL & QTZ
L							:FILLED AMYGDALES INT FRAC, QTZ +/- CHLOR
L							:FILLS FRACS, QTZ & CHLOR (ALSO IN
L							:VESICLES) QTZ +/- CHLOR VNS, CA=34,37,
L							:71,74
L	6.10	9.09	DAAM				:A/A QTZ VNS, CA=46,42
L	9.09	10.99	DAAM				:A/A LONG AXIS OF CARBONATE - FILLED
L							:AMYGDALES @ 62 DEG TO CA F ZONE @ 9:30-45
L							:MNR BREC'TION, INT FRAC, NO VIS SULF,
L							:MNR HEM STN, QTZ VN & BREC ZONE @ 49 DEG
L							:TO CA, QTZ VNS @ 18-19 DEG TO CA
L	10.99	12.12	DAAM				:M - DK MAR, ABNT AMYG THRU, AMYG
L							:GENERALLY < 1CM X < .5CM, LONGITUDINAL
L							:AXIS @ 64 DEG TO CA, INT FRAC, QTZ +
L							:CHLOR FILLED VNLTS GENERALLY <1MM, NO VIS
L							:SULF, QTZ + CHLOR VNS :38,63,31 DEG TO CA
L	12.12	15.19	DAAM				:A/A .5 CM QTZ VN @ 12.31 W/ SPECULARITE
L							:THRU, NO VIS SULF, QTZ VNLTS : 34,33,28,
L							:77,46,54,39,43
L	15.19	16.24	DAAM				:A/A
L	16.24	16.66	AT				:(DACITIC ASH TUFF), PALE GREEN, OCC
L							:AMYGDALOIDAL - AMYGS FILLED W/ SEMI HARD
							:(5) WHITE CARBONATE MINERAL (ANKERITE),
							:ABNT WH CARBONATE FILLED VNLTS, INT FRAC,
L							:NO VIS SULF
L	16.66	18.26	AT				:PALE GREEN, INT FRAC, BRECCIATED ZONE
L							:16.87 - 17.06, QTZ FILLS, BREC MTX, OCC
L							:FLATTENED AMYGS W/ LONG AXIS @ 53 DEG TO
L							:CA, NO VIS SULF, QTZ VN: 58"
L	18.26	18.35	VLBX				:H CRMY GY ANG FRAGS TO 30 CM AUTO
L							:BRECCIATED & CEMENTED W/ DK GY AMOR SI,
L							:POST FRAC & QTZ VN'ING X - CUTTING BOTH
L							:BREC FRAGS & DK GY SIL MTX, NO VIS SULF

L	18.35	19.83	VLBX	:A/A : QTZ VNS :51 & 81 DEG
L	19.83	20.51	AT	:M - DK GY, ANG FRAGS TO 2 MM, DK GY AMOR
L				:SIL IMPREGNATES ROCK, INT FRAC, QTZ VN :
L				:74 DEG, CONTACT 58 DEG
L	20.51	21.48	AT	:LT - M GY, ABNT ANG PYROCLASTS THRU, OCC
L				:LAP TO 3 MM, INT FRAC, WELL DEVELOPED
L				:BEDDING @ 40 TO CA, NO VIS SULF, QTZ VN
L				:@ 61 DEG
L	21.48	22.09	AT	:A/A, BDDG @ 6 DEG
L	22.09	24.38	AT	:A/A, LOC GRDG LAP TUFF W/ ABNT ANG LAP TO
L				:5 MM THRU, BDDG @ 11 DEG TO CA, LAP TUFF
L				:AT CONTACT @ 8 DEG, SL ARG AT THE BASE
L				:W/ ABNT MICRO XLN PY ASSOC W/ WH QTZ.
L				:1-2% PY IN SMALL BLEBS FROM 23.18 -
L				:24.38 M
L	24.38	27.49	ARG	:BLK, MAS, INT FRAC, WISPY QTZ VNS W/
L				:PREFFERED ORIENTATION @ 28 TO CA, MNR
L				:MICROXLN PY IN BLEBS TO 1cm WHICH SEEM TO
L				:FEED OFF WISPY QTZ VNS, 2cm QTZ VN AT
L				:25.56 W/ 8mm BLEB OF FNLY XLN PbS, LOC
L				:W/ ABNT MICROXLN PY.
L	27.49	30.48	ARG	:A/A INT FRAC, SEVERAL QTZ VNS TO 0.5cm
L				:27.90-28.51, MNR PbS IN QTZ VNS, QTZ VNS:
L				:12,15, WISPY QTZ VNS @ 42,45, PY BLEBS
L				:TO 7mm, WISPY QTZ VNS MAY ACTUALLY BE
L				:DIVERTING AROUND PY BLEBS, TRACES OF PbS
L				:IN WH QTZ SURROUNDING PY BLEBS.
L	30.48	33.32	ARG	:A/A WISPY QTZ VNS AT 49, TR OF PbS IN WH
L				:QTZ, OCC PY BLEBS.
L	33.32	33.47	ARG	:BLK-DK GY, MASS, INT FRAC, WISPY QTZ
L				:VNLTS THRU.
L	33.47	36.57	ARG	:A/A, SEVERAL WH QTZ VNS TO 0.5cm W/ MNR
L				:PbS THRU (3-5%) QTZ VNS @ 18
L	36.57	39.06	ARG	:A/A, WISPY QTZ VNS @ 42, OCC PY BLEBS -
L				:MAY BE PYRITIZED WORM BURROWS, TR PbS IN
L				:WH QTZ VNLT.
L	39.06	39.23	ARG	:A/A, QTZ VN W/ TR TT +/- PbS @ 52 TO CA,
L				:CONTACT @ 44, MAY BE A FAULT CONTACT.
L	39.23	39.62	AT	:LT-MD GY, LT CRMY GY ANG CLASTS TO 3mm IN
L				:MD GY ASH MATRIX, INT FRAC, QTZ +/-
L				:CARBONATE VNLTS CARRY TR OF TT.
L	39.62	41.33	AT	:A/A SEVERAL QTZ VNLTS CARRY TR TT INT-LY
L				:SILICIFIED ZONE FROM 40.26-40.47 CARRYING
L				:MNR(< 1%) TT, WELL DEVELOPED BDDG @ 11
L				:TO CA, CONTACT W/ UNDERLYING ARG @ 49.
L	41.33	44.69	ARG	:BLK-DK GY, INT FRAC W/ WISPY QTZ &
L				:CARBONATE VNLTS @ 48, MNR MICROXLN PY.
L	44.69	46.76	ARG	:BLK-DK GY, MAS, MOD-INT FRAC, WISPY QTZ
L				:VNLTS THRU, OCC PY BLEBS TO 1.2cm.
L	46.76	48.42	AT	:LT-MD GY, ANG-SBANG LT GY PYROCLASTS TO
L				:3mm THRU, GENERALLY < 1mm, MOD FRAC INT,
L				:TR TT IN QTZ VNLTS, OCC CARB VNLTS. BDDG
L				:@ 14.
L	48.42	48.72	LT	:MD GY, ABNT ANG-SBANG LAP TO 6mm THRU,
L				:MOD FRAC INT, TR TT.

L	48.72	50.46	LT	:A/A QTZ VN'ING PARALLEL TO BDDG @ 12, TR
L				:TT IN QTZ VN, ANG TO SBRD LAP TO 15mm.
L	50.46	51.81	LT	:MD GY, ANG TO SBRD CLASTS TO 12mm THRU,
L				:LOC INTBD W/ AT, BDDG @ 11, MOD FRAC INT,
L				:TR TT IN QTZ VNLTS, QTZ VNS @ 51, 53, 31.
L	51.81	54.85	LT	:A/A, INT FRAC 53.01-53.73,MTX APPEARS
L				:SILICIFIED W/ DK GY AMOR SIL, TR TT.
L	54.85	56.04	LT	:A/A, LAP TO 14mm, MOD-WK FRAC INT, BDDG @
L				:18, MNR TT IN 3mm QTZ VN (62 TO CA), MNR
L				:TT IN & ADJACENT TO VN (1-2 %), TR PbS IN
L				:VN, 5-7% TT IN VN @ 55.13, VFG TT ALSO
L				:SEEN SURROUNDING OCC LAP.
L	56.04	57.90	LT	:A/A, 16 mm QTZ VN @ 56.09 @ 20 TO CA,
L				:PARALLEL TO BDDG, QTZ VN HAS MNR TT THRU
L				:VFG TT ALSO SEEN THRU MATRIX, < 1%
L				:OVERALL, BDDG @ 18, ANG-SBRD LAP CLASTS
L				:TO 18mm, DK GY AMOR SIL IMPREGNATES MTX.
L	57.95	60.95	LT	:A/A, MOD FRAC INT, QTZ & TR TT FILLS FRACS
L				:TR TT THRU MTX, BDDG @ 14, ZONE W/ INT
L				:QTZ VNING @ 13 (PARALLEL TO BDDG), TR PbS.
L	60.95	61.28	LT	:MD GY, ANG-SBRD LAP TO 6mm, GRDG TO AT,
L				:MOD FRAC INT, TR TT.
L	61.28	64.02	LT	:A/A MNR TT THRU (1%), BDDG @ 28, MNR INTBD
L				:DAAT.
L	64.02	65.94	LT	:MD-DK GY, ANG-SBRD LAP TO 15mm THRU, MOD
L				:FRAC INT, TR TT IN SILICIFIED MTX, TR PY,
L				:OCC CARB VNLTS, LOC GRDG TO DAAT.
L	65.94	66.67	ANDY	:MD-DK GREENISH-GY, V WK FRAC INT, 6 QTZ
L				:VNLTS OVER INTERVAL, CARRY TR TT, ABNT
L				:QTZ FILLED VESICLES THRU, UPPER CONTACT
L				:@ 41 TO CA, LOWER CONTACT @ 20 TO CA.
L	66.67	67.30	LT	:DK GY, ABNT ANG-SBRD LAP TO 6mm, GRDG TO
L				:DAAT, MNR TT ALONG & IN CONTACT W/ QTZ
L				:VNLTS, MOD FRAC INT, QTZ VNLTS @ 42, 49.
L	67.30	68.66	ANDY	:MD-DK GREENISH-GY, SAME ROCK TYPE AS
L				:65.94-66.67, V WK FRAC INT, 9 QTZ VNLTS
L				:< 1mm THICK, TR TT & PbS IN VNLTS,
L				:STRONGLY MAGNETIC, UPPER CONTACT @ 72,
L				:LOWER CONTACT @ 31.
L	68.66	69.32	ARG	:BLK-DK GY, MAS, MOD FRAC INT, TR TT + CP
L				:+ PY IN QTZ VNLTS @ 61, OCC MICROFRACS W/
L				:ABNT MAS MICROXLN PY. LOWER CONTACT @ 15.
L	69.32	70.53	LT	:MD GY, ABNT LT GY ANG-SBRD LAP TO 8mm,
L				:MOD-INT FRAC, QTZ VNS & VNLTS CARRY MNR
L				:TT (2-3%), 1-2% TT THRU MTRX, QTZ VNS @
L				:49, 61, 69.
L	70.53	72.72	LT	:MD GY, A/A FROM 70.53-71.02, DK GY, ABNT
L				:ANG LAP TO 22mm THRU, MOD FRAC INT, QTZ
L				:VNS & VNLTS CARRY MNR TT (3%), 1% TT DISM
L				:THRU MTX, QTZ VNS @ 34, 59, 45.
L	72.72	73.28	LT	:A/A, QTZ VNS TO 5mm W/ ABNT TT (8-10%),
L				:MNR TT (1%) DISM THRU, MNR PbS.
L	73.28	77.31	LT	:DK GY, ABNT ANG-SBANG LT GY LAP TO 54mm,
L				:DK GY MTX SILICIFIED I/P, MOD-INT FRAC,
L				:MNR TT IN QTZ VNS & VNLTS (2-4%), 1-2%

L				:TT DISM THRU MTX & IN PURE TT VNLTS, 3%
L				:TT OVERALL, QTZ VNS @ 58, 52, 55, -51,
L				:LOWER CONTACT W/ AT @ 29.
L	77.31	78.32	AT	:LT-MD GY ANG PYROCLASTS, GENERALLY < 1mm
L				:IN APHANITIC GROUNDMASS, MOD FRAC INT,
L				:1-2% VFG TT THRU, 2.7cm QTZ VN @ 58.
L	78.32	78.65	AT	:LT-MD GY, LT GY ANG CLASTS TO 2mm IN MD
L				:GY APHAN GRNDMASS, MOD FRAC INT, TR TT,
L				:TR PbS, BDDG @ 8.
L	78.65	79.60	LT	:LT-MD GY, LT GY-CRMY WH LAP TO 12mm IN MD
L				:GY APHAN GRNDMASS, TR TT + PbS (3-10%),
L				:TR TT + PbS IN MTX, LOC GRDG TO DAAT.
L	79.60	83.11	LT	:MD-DK GY, GENERALLY VCG, LT GY TO CRMY WH
L				:ANG-SBANG LAP IN A DK-MD GY SILICIFIED
L				:APHAN GRNDMASS, MOD-INT FRAC, QTZ VNS &
L				:VNLTS CARRY 2-4% TT + MNR PbS, 1% VFG TT
L				:+ PbS IN MTX & DISM THRU OCC LAP, LOC
L				:GRDG TO DAAT.
L	83.11	84.05	AT	:MD GY, LT GY ANG-SBRD PYROCLASTS TO 2mm
L				:IN GY APHAN MTX, MOD FRAC INT, MNR TT +
L				:PbS IN QTZ VNLTS & IN CONTACT W/ VNLTS,
L				:TR VFG TT DISM THRU.
L	84.05	85.35	LT	:MD GY APHAN MTX W/ LT GY-CRMY WH ANG LAP
L				:TO 11 mm, MOD FRAC INT, MNR TT ALONG
L				:CONTACT OF QTZ VNS, TR VFG TT IN MTX,
L				:< 1% OVERALL, QTZ VNS @ 73, 77, 86.
L	85.35	87.11	LT	:A/A, SMALL SCALE BLOCK FLTING EVIDENT,
L				:OCC LARGE LAP TO 45mm, SEVERAL IRREGULAR
L				:CONTACTS W/ DK GY DALT, POSSIBLE BDDG @
L				:28.
L	87.11	89.44	LT	:DK GY APHAN GRNDMASS, SILICIFIED I/P, LT
L				:GY TO CRMY WH ANG LAP TO 18 mm, GENERALLY
L				:< 10mm, MOD FRAC INT, TR TT THRU (0.5-
L				:1%), TR PbS, BADLY BROKEN CORE BETWEEN
L				:87.79 @ 89.94, LOWER CONTACT @ 53.
L	89.44	90.44	LT	:MD GY APHAN GRNDMASS W/ LT GY ANG-SBRD
L				:LAP TO 8mm, GENERALLY < 5mm, GRDG TO DAAT
L				:LOC, MOD FRAC INT, MNR TT + PbS IN QTZ
L				:VNS, TR TT IN MTX, 0.5-1% TT OVERALL.
L	90.44	91.05	AT	:MD GY APHAN MTX W/ LT GY-CRMY WH ANG FRAGS
L				:TO 3mm THRU, MOD FRAC INT, MNR TT IN QTZ
L				:VNS & IN CLOSE PROXIMITY TO QTZ VNS, MNR
L				:CHLOR ALT ALONG QTZ VNS, QTZ VNS @ 82, 71,
L				:1-2% TT OVERALL.
L	91.05	92.18	AT	:A/A, GRDG TO DALT, LOWER CONTACT @ 12.
L	92.18	92.59	ARG	:BLK, MAS, MOD FRAC INT, MNR TT + PbS IN
L				:QTZ VNS, LOWER CONTACT @ 47.
L	92.59	93.85	AT	:A/A, INT FRAC, 1% TT + PbS THRU, MNR CHLOR
L				:ALT, BDDG @ 24.
L	93.85	93.95	ARG	:SHEAR ZONE, BLK-DK GY, ABNT ANG (ROTATED?)
L				:CLASTS, CONTACT @ 39, TR TT.
L	93.95	94.10	AT	:SHEAR ZONE, MD GY ABNT ANG ROTATED CLASTS
L				:THRU, CRENULATED FABRIC, TR TT + PbS, QTZ
L				:VN @ 34.

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L  94.10  94.32  LT                    :DK GY APHAN GRNDMASS W/ LT GY ANG-SBRD
L                                       :LAP TO 20mm, MOD FRAC INT, TR TT, TR PY.
L  94.32  94.87  AT                    :FAULT ZONE. MD GY, INCLUSIONS OF ARG IN
L                                       :SHEARED & MYLONITIZED MTX, QTZ FILLS
L                                       :FRACS, TR TT + PbS + PY.
L  94.87  95.92  ARG                   :FAULT ZONE, EXTREMELY FRAC & SHEARED &
L                                       :CRENULATED INCLUSIONS OF DAAT, ABNT QTZ,
L                                       :MNR & PbS THRU.
C  E.O.H.  FAULT ZONE SQUEEZED OFF PIPE
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DDH ER91CH03 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	5.29	6.10	VN	34			:QTZ +/- CHLOR
S	5.29	6.10	VN	37			: " " "
S	5.29	6.10	VN	71			: " " "
S	5.29	6.10	VN	74			: " " "
S	6.10	9.09	VN	46			:QTZ
S	6.10	9.09	VN	42			: "
S	9.09	10.99	AM	62			:AMYGDALE PREFFERED ORIENTATION
S	9.09	10.99	VN	18			:QTZ
S	9.09	10.99	VN	19			: "
S	9.30	9.45	FB	49			:FAULT BRECCIA ZONE W/ INFILL QTZ.
S	10.99	12.12	VN	31			:QTZ + CHLOR
S	10.99	12.12	VN	38			: " " "
S	10.99	12.12	VN	63			: " " "
S	10.99	12.12	AM	64			:AMYGDALE LONGITUDINAL AXIS
S	12.31	12.36	VN	--		05	:QTZ W/ SPECULARITE
S	12.12	15.19	VL	34			:QTZ
S	12.12	15.19	VL	54			: "
S	12.12	15.19	VL	77			: "
S	16.87	17.06	FB	--			:QTZ FILLS MATRIX
S	16.66	18.26	AM	53			:AMYGDALE LONG. AXIS
S	16.66	18.26	VN	58			:QTZ
S	18.35	19.83	VN	51			: "
S	18.35	19.83	VN	81			: "
S		19.83	CN	58			:DABR & DAAT CONTACT.
S	19.83	20.51	VN	74			:QTZ
S	20.51	21.48	BD	04			:BEDDING
S	20.51	21.48	VN	61			:QTZ
S	21.48	22.09	BD	06			:
S	22.09	24.38	BD	11			:
S	22.09	24.38	CN	08			:AT CONTACT W/ INTBDED LT
S	24.38	27.49	VL	28			:QTZ
S	25.56	25.58	VN	--		20	:QTZ W/ GL
S	27.49	30.48	VN	14		05	:QTZ
S	27.49	30.48	VL	44			:QTZ W/ TR GL
S	30.48	33.32	VL	49			:QTZ W/ TR GL
S	33.47	36.57	VN	18		05	:QTZ W/ TR GL
S	36.57	39.06	VL	42			: " " " "
S	39.06	39.23	VN	52			:QTZ W/ TR TT +/- GL
S		39.23	CN	44			:LOWER CONTACT W/ DAAT (FAULT??)
S	39.62	41.33	BD	11			:
S		41.33	CN	49			:CONTACT W/ LOWER ARG.
S	41.33	42.68	VL	48			:QTZ + CARB
S	46.76	48.42	BD	14			:
S	48.72	50.46	BD	12			:
S	48.72	50.46	VN	12			:QTZ + TR TT
S	50.46	51.81	VL	31			:QTZ + TR TT
S	50.46	51.81	VL	52			: " " "
S	50.46	51.81	BD	11			:
S	54.85	56.04	BD	18			:
S	54.85	56.04	VN	62		03	:QTZ + MNR TT + TR GL

S		55.13	VN	--		:QTZ + 5-7% TT
S	56.09	56.11	VN	20	16	:QTZ + MNR TT
S	56.04	57.90	BD	18		:
S	57.90	60.95	VN	13		:QTZ + TR TT + TR GL
S	57.90	60.95	BD	14		:
S	61.28	64.02	BD	28		:
S		65.94	CN	41		:UPPER CONTACT W/ DALT
S		66.67	CN	20		:LOWER CONTACT W/ DALT
S	66.67	67.01	VL	42		:QTZ + MNR TT
S	66.67	67.01	VL	49		:QTZ + MNR TT
S	68.66	69.20	VL	61		:QTZ + TR TT, CP, PY
S		69.32	CN	15		:LOWER CONTACT W/ DALT
S	69.32	70.53	VN	49		:QTZ + 2-3% TT
S	69.32	70.53	VN	61		: " " "
S	69.32	70.53	VN	69		: " " "
S	70.53	72.72	VN	34		:QTZ + MNR TT
S	70.53	72.72	VN	45		: " " "
S	70.53	72.72	VN	59		: " " "
S	73.28	76.31	VN	55		:QTZ + 2-4% TT
S		77.31	CN	29		:LOWER CONTACT WITH DAAT
S	77.31	78.32	VN	58	27	:QTZ
S	78.32	78.65	BD	18		:
S	84.05	85.35	VN	73		:QTZ
S	84.05	85.35	VN	77		: "
S	84.05	85.35	VN	86		: "
S	85.35	87.11	BD	28		:BEDDING
S		89.44	CN	53		:LOWER CONTACT WITH DALT
S	90.44	91.05	VN	71		:QTZ + MNR TT
S	90.44	91.05	VN	82		: " " "
S		92.18	CN	12		:LOWER CONTACT WITH ARG
S	92.59	93.85	BD	24		:
S		93.85	CN	39		:UPPER CONTACT WITH DAAT
S	93.85	94.10	SZ	--		:SHEAR ZONE
S	93.95	94.10	VN	34		:QTZ
S	94.32	95.92	FZ	--		:FAULT ZONE
C		95.92				:E.O.H.

DDH ER91CH03 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	5.29	N/S									
C	5.29	23.18	N/S									
A	23.18	24.38	12001		.01	5.9	.02	.003	.02	4.88	.03	.05
A	24.38	25.56	12002		.001	6.6	.02	.002	.01	3.74	.07	.07
A	25.56	25.58	12003		.01	9.2	.08	.004	.004	6.68	.19	.91
A	25.58	27.49	12004		.01	16.7	.03	.003	.02	4.66	.17	.20
A	27.49	28.51	12005		.04	35.4	.05	.02	.02	4.07	.30	.10
C	28.51	39.23	N/S									
A	39.23	41.33	12006		.01	4.9	.02	.002	.02	6.3	.03	.06
C	41.33	45.67	N/S									
A	45.67	46.76	12007		.01	6.8	.02	.003	.02	4.15	.11	.03
A	46.76	48.42	12008		.006	4.5	.01	.002	.01	5.19	.03	.05
A	48.42	51.81	12009		.006	4.6	.16	.002	.007	4.78	.04	.06
A	51.81	54.85	12010		.01	12.4	.02	.005	.007	4.95	.06	.06
A	54.85	57.90	12011		.05	25.6	.02	.02	.01	5.55	.04	.08
A	57.90	60.95	12012		.11	51.4	.02	.05	.02	5.05	.11	.12
A	60.95	64.02	12013		.04	22.7	.03	.02	.01	4.60	.10	.09
A	64.02	65.94	12014		.11	67.3	.02	.05	.01	4.59	.07	.12
A	65.94	66.67	12015		.005	1.7	.02	.001	.001	4.08	.004	.02
A	66.67	67.30	12016		.007	1.7	.02	.001	.001	4.26	.007	.01
A	67.30	68.66	12017		.06	18.8	.02	.01	.005	4.97	.26	.11
A	68.66	69.32	12018		.05	24.9	.10	.01	.02	2.31	.10	.07
A	69.32	71.02	12019		.03	24.0	.05	.01	.01	4.75	.06	.12
A	71.02	73.28	12020		.10	65.4	.02	.05	.02	3.51	.12	.12
A	73.28	76.31	12021		.03	28.8	.02	.01	.021	4.93	.04	.07
A	76.31	77.31	12022		.11	54.4	.02	.05	.02	4.11	.44	.28
A	77.31	78.65	12023		.04	25.4	.02	.01	.01	4.49	.07	.13
A	78.65	79.60	12024		.12	67.9	.01	.05	.02	4.16	.18	.18
A	79.60	82.30	12025		.06	35.2	.01	.03	.01	4.22	.20	.15
A	82.30	83.11	12026		.07	29.8	.01	.03	.01	4.58	.06	.09
A	83.11	84.05	12027		.04	21.6	.005	.02	.006	4.12	.02	.05
A	84.05	85.35	12028		.06	35.3	.005	.03	.01	5.01	.05	.08
A	85.35	87.11	12029		.06	31.6	.01	.03	.01	5.16	.03	.06
A	87.11	89.44	12030		.16	75.1	.01	.07	.02	4.46	.03	.07
A	89.44	90.44	12031		.06	33.9	.01	.03	.02	4.90	.02	.07
A	90.44	92.18	12032		.08	43.9	.02	.04	.01	3.89	.01	.05
A	92.18	92.59	12033		.17	96.6	.01	.08	.03	2.37	.02	.05
A	92.59	93.85	12034		.11	48.0	.01	.05	.01	4.55	.01	.06
A	93.85	93.95	12035		.12	59.9	.02	.05	.01	3.65	.03	.08
A	93.95	94.10	12036		.05	28.8	.02	.02	.006	4.08	.08	.07
A	94.10	94.87	12037		.05	29.6	.02	.02	.007	2.52	.08	.06
A	94.87	95.92	12038		.05	30.6	.01	.02	.007	2.50	.04	.04
C	E.O.H.											

DDH EC91DH04 SURVEY LOG

H DDHID : EC91DH04
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	97.54	270.0	-45.0	67.0	47.0	510.0

DDH EC91DH04 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	1.95	OVBN				:
L	1.95	3.05	ANDS	2G	6	CL	:(DAC-AND FLOW), BLEACHED, V FN'LY XLN,
L							:CHLOR MAFIC PHENOS (PYX ??), WK'LY MAGN,
L							:QTZ FILLS FRACS\VNLTS, HEM STAIN ALONG
L							:FRAC CONTACTS, NO VIS SULF.
L	3.05	4.69	LOST				:LOST CORE
L	4.69	37.24	ARG	N	7		:MAS, WISPY Fe-CARB VNLTS\STRGS THRU, TOP
L							:1m IS OXIDIZED, OCC QTZ-CARB VNLTS W/ MNR
L							:TT, 2 WELL RD V F G SST DROPSTONES UPTO
L							:4cm IN DIAMETER @ 9.6m, QTZ-CARB VNS\VNLTS
L							:W/ RR TT.
L	37.24	39.84	AT	2GA	7	CL	:SOFT, CHLOR ALT GLASSY SHARDS THRU, FRACS
L							:FILLED W/ CARB +/- QTZ, V RR MICROGRAN TT,
L							:LOC ALT TO CLAY, POSS FLT MOVEMENT (39.6-
L							:39.84m).
L	39.84	64.01	ARG	N	7		:MAS, QTZ/CARB VNS\VNLTS & WISPY STRGS
L							:THRU, V RR TT IN OCC QTZ/CARB VNS. OCC
L							:BREC & SHEARING, V RR SULF OVERALL.
L	64.01	64.47	VN	YW			:Fe-CARB (ANKERITE/SIDERITE) W/ LESSER
L							:QTZ, MNR FN'LY DISM PY, SMALL TR TT.
L	64.47	66.96	ARG	N	7		:CARB-FLOODING HONEYCOMBS TOP 85cm, WISPY
L							:CARB & OCC QTZ VNLTS THRU, TR PY.
L	66.96	68.42	TFBX	TY	7		:BREC FRAGS REPLACED W/ CARB + QTZ IN BLK
L							:ARGILLACEOUS MTX, TR PY THRU.
L	68.42	71.00	AT	TY	7	AR	:PALE GR PATCHES DUE TO MNR CHLOR ALT,
L							:APHAN ARGILLIC ALT GRNDMASS W/ ABNT DK ANG
L							:ALT MAFIC PHENOS THRU, CARB FILLED FRACS
L							:& WISPY VNLTS THRU, NO VIS SULF.
L	71.00	81.60	AT	UY		CL	:PALE REDDISH HUE, INCREASINGLY RED FROM
L							:77.2-81.6m, (MAY BE A BLEACHED PURPLE
L							:HAZLETON VOLC.), APHAN GRNDMASS W/ ABNT
L							:HEMATIZED OR CHLOR PHENOS THRU, TR-MNR
L							:DISM PY, ABNT QTZ/CARB VNS.
L	81.60	97.54	AT	3M	7		:PATCHY "BLEACHED" REDDISH-YELLOW OR PALE

L			:GR INTERVALS THRU, APHAN GRNDMASS W/ ABNT
L			:DK ANG MAFIC PYROCLASTS , 2mm THRU, CARB
L			:+/- QTZ FILLS FRACS, NO VIS SULF.
C	E.O.H.	97.54	

DDH ER91CH04 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		9.60	DS	--		40	:SANDSTONE DROPSTONES
S		11.49	VN	30		3	:QTZ/CARB W/ TT
S		12.24	VN	19		7	:QTZ/CARB W/ TT
S		18.47	VL	--			: " " " TR TT
S		19.30	VL	--			: " " " " "
S		20.20	VL	05			: " " " MNR PY + TR TT, RR PY BLEBS
S	21.00	22.00	VL	03		1	: " " " TR-MNR TT
S		23.55	VN	--			:CARB VEINS W/ ROSETTES
S		24.90	VL	--			:QTZ/CARB W/ SMALL TR TT
S		30.40	VN	15			:CARB W/ TR TT
S		32.60	VL	--			:QTZ/CARB W/ TR-MNR TT
S		33.80	VL	--			: " " " TR TT
S	36.06	37.24	VL	--			: " " " " ", POSS FLT ZONE????
S	39.60	39.84	FZ	--		224	:POSSIBLE FAULT MOVEMENT.
S	39.84	41.70	FZ	04			:BREC & SHEARED ZONE
S	39.84	41.70	VN	04			:QTZ/CARB W/ V RR TT
S		64.01	CN	34			:ARG CONTACT W/ BELOW CARB VN
S	64.01	66.47	VN	34			:CARB + MNR QTZ W/ MNR DISM PY & TR TT
S		66.47	CN	50			:CARB VN CONTACT W/ LOWER ARG
S	71.00	81.60	VN	57		40	:QTZ/CARB W/ MNR PY
S	71.00	81.60	VN	70		40	: " " " " "
C		97.54					:E.O.H.

DDH ER91CH04 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	64.01	N/S									
A	64.01	64.47	12093		.006	2.1		.001	.01	6.00	.03	.07
C	64.47	97.57	N/S									
C	E.O.H.											

DDH EC91DH05 SURVEY LOG

H DDHID : EC91DH05
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	53.64	000.0	-90.0	18.0	83.0	498.0

DDH EC91DH05 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	4.93	OVBN				:
L	4.93	14.44	ARG	N	7		:MAS, THIN WISPY CARB VNLTS THRU, OCC PY
L							:STRGS\BLEBS, PRONOUNCED CLEAVAGE @ 46.
L	14.44	24.27	AT	7GA	7	CL	:Fe-CARB THRU, TURNING EXPOSED RX TO TAN-
L							:YELLOW COLOR, BREC I/P, Fe-CARB +/- QTZ
L							:VNLTS THRU, NO VIS SULF, MNR CHLOR ALT.
L	24.27	24.86	AT	8G		C	:SOFT, COMPLETELY ALT TO CLAY, MNR CHLOR
L							:ALT THRU, SOFT MUSHY GR CLAY W/ OCC
L							:FLOATING CLASTS THRU, NO SULF.
L	24.86	26.62	AT	8YA			:ABNT CARB + QTZ + PY IN BREC MTX, TR TT,
L							:SMALL TR CP, ABNT PY (3-5%).
L	26.62	30.39	AT	4R	4		:GRDG TO DEEP MAROON, APHAN GRNDMASS, W/
L							:ABNT QTZ/CARB FILLED VESICLES/REPLACEMENT
L							:THRU, ABNT RICH GLASSY SHARDS, CARB +
L							:QTZ FILLS FRACS, NO VIS SULF.
L	30.39	53.64	ANDS	7R	5		:(PORPHYRITIC ANDESITE), DIKE??, GRDG TO
L							:MAROON TO MD GR-GY, APHAN GRNDMASS W/
L							:ABNT ANG HEMATIZED AUGITE(?) PHENOS <1.5mm
L							:THRU, CARB (ANKERITE) +/- QTZ FILLS FRACS,
L							:WKLY MAGNETIC, NO VIS SULF.
C	E.O.H.		53.64				

DDH ER91CH05 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	4.93	14.44	CV	46			:PRONOUNCED CLEAVAGE IN ARGILLITE
S		11.34	VL	49		2	:CARB + QTZ W/ TR TT, PARALLEL TO BDDG
S		13.89	VN	67		10	: " " " " "
S	22.96	24.27	BZ	--			:BRECCIA ZONE -- FAULT
C		53.64					:E.O.H.

DDH ER91CH05 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	24.86	N/S									
A	24.86	26.62	12097		.05	26.4		.01	.01	6.55	.03	.15
C	26.62	53.64	N/S									
C	E.O.H.											

DDH EC91DH06 SURVEY LOG

H DDHID : EC91DH06
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	79.25	000.0	-90.0	-60.0	82.0	495.0

DDH EC91DH06 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	18.29	OVBN				:
L	18.29	19.24	LOST				:
L	19.24	19.71	ARG	N	3		:MAS, Fe-CARB FILLS WISPY VNLTS, TR TT IN :CARB VNLTS.
L	19.71	22.11	VLSD	3A	3		:F G, P SRT, ARGILLIC MTX, MNR INTB ARG,
L							:MNR TT IN OCC Fe-CARB VNLT, OVERALL RR TT,
L							:CALC.
L	22.11	31.09	VLCG	5A	0		:VARICOL PEBBLES TO 7mm THRU, CALC, OCC
L							:FOS REMNANTS, MNR CBN MAT THRU, POORLY
L							:DEFINED BDDG, PEBBLES ARE CHT, QTZ, ARG &
L							:LITHIC FRAGS, TR PY IN OCC CLAST, INTBD
L							:SST/SLTST W/ FILLED IN BURROWS THAT
L							:INDICATE CORE IS 'RIGHT WAY UP'.
L	31.09	42.52	VLSD	5A	3		:VF-F G, SBRD, MOD SRT, CALC CMT, INTBD
L							:SLTST,POSSIBLE FLT 32.0-32.9m, QTZ + CARB
L							:FILLS FRACS, LOC BIOTURB W/ ABNT PRESER
L							:PLANT FRAGS, TR TT IN QTZ/CARB VNLTS,
L							:LOWER JAW OF REPTILE PRESER W/ CBN + PY @
L							:38.58m, MNR DISM PY.
L	42.52	43.11	ANDY	5A	3		:APHAN, MNR MICROXLN DISM PY THRU, ABNT
L							:CARB-FILLED AMYGS <1mm THRU, CORE BROKEN
L							:@ TOP & BOTTOM OF INTERVAL.
L	43.11	47.90	VLSD	5A	4	CL	:F G, SLTY I/P, CALC CMT,BIOTURB, ABNT CBN
L							:MAT THRU, RR FOS FRAGS, CARB + QTZ FILLS
L							:FRACS, CHLOR ALT GR SPECKS THRU, NO VIS
L							:TT, RR PY, FRACS//VNLTS ARE RANDOMLY
L							:ORIENTED.
L	47.90	50.44	VLSD	TA	4	AR	:FAINT GR HUE DUE TO MNR CHLOR ALT, VC-C G,
L							:SLTY CLAY MTX, CALC, ABNT GR CHLOR CLASTS
L							:THRU, CARB + QTZ FILLS FRACS, SOFT,
L							:POORLY CONSOLIDATED, ARG ALT??, NO VIS
L							:SULF, TUFFACEOUS---ASH & OTHER VOLC
L							:DERIVED DETRITUS + SEDS COMP RX (TUFFITE).
L	50.44	57.49	VLSD	7AG		C	:TUFFITE, MIXTURE OF ASH & FINE SEDS, VF-F

L							:G CLASTS IN ASH MTX, MTX ALT TO CLAY,
L							:SOFT, POORLY CONSOL, LOC W/ TR MICROXLN
L							:EUH PY, SMALL TR TT, OCC CARB/QTZ VNS\
L							:VLTS, MNR CHLOR ALT.
L	57.49	63.89	VLSD	5A		CL	:VF-F G, SLTY I/P, SL CALC, BIOTURB, MNR
L							:CBN MAT THRU, OCC FOS FRAGS, OCC QTZ/CARB
L							:VNLTS THRU, NO VIS SULF, TUFFACEOUS I/P,
L							:>61.6m: LT GY TO TAN YELLOW ON WEATHERED
L							:SURF, OCC FOS FRAGS, MNR CHLOR ALT.
L	63.89	64.61	AT	7G		CL	:C G, RR LAP TO 13mm, MNR CHLOR ALT IN
L							:CLASTS & MTX, ABNT Fe-CARB IN MTX
L							:(SECONDARY), OCC CARB +/- QTZ FILLING
L							:VUGS & VNLTS, NO VIS SULF.
L	64.61	67.88	VLCG	YG	4	CL	:(AGGLOMERATE),EARTHY-YELLOW, PALE GR, GR-
L							:GY, ABNT LARGE RD-SBRD CLASTS TO 210mm IN
L							:A F-MD G TUFFACEOUS MTX, ABNT CHLOR ALT
L							:THRU, LOC W/ CALC FILLED AMYGS TO 20mm,
L							:CALC FILLS FRACS & CAVITIES, NO SULF.
L	67.88	73.19	AT	5T	4	CL	:TO GR-GY,F G, MNR CHLOR ALT, CALC FILLS
L							:FRACS, NO VIS SULF.
L	73.19	74.51	AT	8M			:BLEACHED TOP TO 70cm, TOP 70cm BREC I/P,
L							:BECOMING DARK MAROON LOWER, Fe-CARB + QTZ
L							:FILLS FRACS, NO VIS SULF.
L	74.51	75.07	VLCG	5T		CL	:TO MAROON & GR, RD CLASTS TO 6cm IN C G
L							:MTX, ABNT CHLOR ALT IN MTX, Fe-CARB VNLTS
L							:THRU, NO VIS SULF.
L	75.07	79.25	AT	5M	5	CL	:OCC GR OR GY, TOP 155cm SOFT, POORLY
L							:CONSOL, READILY ERODES TO CLAY ON
L							:EXPOSURE TO WEATHER, Fe-CARB FILLS FRACS,
L							:NO VIS SULF, 76.4-79.25m BLEACHED PALE
L							:MAROON TELKWA FM AT W/ ABNT CARB VN\VNLTS
L							:& MNR CHLOR ALT THRU.
C	E.O.H.		79.25				

DDH ER91CH06 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	19.71	22.11	BD	48			:BEDDING
S	22.11	31.09	BD	42			:POOR BEDDING
S	30.06	30.44	BD	51			:BEDDING IN INTERBEDDED SST/SLTST
S		31.09	CN	47			:CGL LOWER CONTACT W/ SST (IRREGULAR)
S		31.28	BD	59			:BDDG
S	32.00	32.90	FT	--			:POSSIBLE FAULT
S		42.37	FR	07			:CALC + PY FILLED FRACS W/ S/S
S		43.11	CN	14			:DIKE POSSIBLE LOWER CONTACT W/ SST
S		54.91	BD	67			:BEDDING
C		54.91					:E.O.H.

DDH ER91CH06 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	79.25	N/S									
C	E.O.H.											

DDH EC91DH07 SURVEY LOG

H DDHID : EC91DH07
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	106.68	000.0	-90.0	-111.0	66.0	492.0

DDH EC91DH07 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	16.76	OVBN				:BOULDER-TILL, DRILLED W/ TRICONE
L	16.76	17.45	OVBN				:20% RECOVERY, RED-MAROON AT, ONE PIECE
L							:IS MOD MAGNETIC W/ MNR MAGNETITE THRU
L	17.45	27.99	ARG	N	3		:MAS, OCC Fe-CARB +/- QTZ VNLTS, RR PY IN
L							:QTZ/CARB VNLTS, TR TT IN OCC QTZ/CARB
L							:VNLTS. OCC INTBD SST : MD GY, F G, ANG-
L							:SBRD, SIL CMT, OCC Fe-CARB/QTZ VNLTS,
L							:TR MICROGRAN PY THRU.
L	27.99	28.92	VLSD	5A			:SALT & PEPPER TEXT, F G, SBRD-ANG, SIL
L							:CMT, OCC QTZ/CARB VNLT, TR MICROGRAN PY
L							:THRU, RR ANG RIP-UP CLASTS, RR MICROGRAN
L							:TT, V RR CP, UPPER CONTACT IS ANGULAR,
L							:LOWER CONTACT IS BROKEN.
L	28.92	32.15	ARG	N	3		:A/A, 29.07-29.17 INTBD SST A/A.
L	32.15	34.79	VLSD	2A			:VF-F G, ARGILLACEOUS MTX, MNR DISM PY
L							:THRU, LOC W/ ABNT MICROGRAN PY, & TR CP.
L	34.79	39.70	VLSD	5A	2		:POSSIBLY A SEDIMENTARY DEPOSITED REWORKED
L							:ASH OR LAPILLI, VF-VC G, SBANG-RD, CALCITE
L							:CMT, EXTREMELY CALC, TR PY, MNR INTBD LT
L							:GY VOLC ASH (38.8-39.7).
L	39.70	54.36	VLSD	5A	3		:VF-F G, SBRD-RD,W SRT, BIOTURB, MNR CBN
L							:MAT THRU, TR PY, OCC QTZ/CARB VNLTS, RR
L							:FOS FRAGS.
L	54.36	57.47	AT	AG	3	C	:VARIOUSLY GY OR GR, VF-C G, SOFT, QUICKLY
L							:ALTERS TO CLAY ON EXPOSED SURFACES, NO VIS
L							:SULF, CALC, MNR CHLOR ALT.
L	57.47	61.72	VLSD	5A	3		:F-C G, CALC, FRIABLE, SBANG-SBRD, RR-TR
L							:MICROGRAN PY.
L	61.72	64.01	AT	5A			:ANG CLASTS TO 3mm COMMON THRU, LOC
L							:ARGILLACEOUS, NO VIS SULF.
L	64.01	66.03	ANDY	TA		C	:ABNT PALE GR CHLOR SPECS THRU, LOC W/
L							:ABNT RD CARB-FILLED AMYGS, THRU, NO VIS
L							:SULF, LOC SOFT W/ ABNT CLAY & CHLOR ALT.
L	66.03	66.33	VLCG				:RD-SBRD COBBLES TO 8cm.

L	66.33	78.76	AT	3M	5	C	:SOFT, READILY WEATHERS TO PURPLE CLAY ON
L							:EXPOSURE, Fe-CARB FILLS FRACS\VNLTS, NO
L							:VIS SULF.
L	78.7	82.71	VLBX	8G	3	CL	:(VOLC BREC), CHLOR ALT ANG-SBANG CLASTS TO
L							:6cm IN DK MAROON VOLC ASH MTX, OCC QTZ/
L							:CARB -FILLED FRACS, NO VIS SULF, BREC
L							:APPEARS TO BE CONTEMPORANEOUS W/
L							:DEPOSITION.
L	82.71	83.20	VLBX	8GA			:ANG-SBANG FRAGS TO 4cm W/ QTZ/CARB MTX,
L							:MNR PY IN QTZ/CARB MTX, BREC AFTER LITH.
L	83.20	88.13	AT	8GR	3		:MOTTLED GR + RED OR MAROON, RUSTY ORANGE
L							:ON EXPOSED SURFACE, NO VIS SULF, INT FRAC
L							:BETWEEN 85.8-87.8m--POSS FLT ZONE, TR TT
L							:IN ZONE.
L	88.13	106.68	AT	M	4	CL	:GR CHLOR ALT SPECS THRU, QTZ/Fe-CARB
L							:FILLS FRACS/VUGS, NO VIS SULF, LOC W/ INT
L							:MICROFRAC, BREC I/P.
C	E.O.H.		106.68				

DDH ER91CH07 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		22.90	BD	41			:BEDDING
S	26.38	26.60	IB	--		10	:SST INTERBED
S	26.38	26.60	IB	--		90	: " "
S	26.38	26.60	IB	--		25	: " "
S	26.38	26.60	BD	66			:BEDDING IN INTERBEDDED SST.
S	29.07	29.17	BD	69			: " " " "
S	32.10	32.15	FG	--		50	:FAULT GOUGE
S	32.15	34.79	BD	59			:BEDDING
S	38.80	39.70	BD	68			: "
S	61.72	64.01	BD	33			: "
S		64.01	CN	72			:AT LOWER CONTACT W/ DIKE
S		66.03	CN	59			:DIKE LOWER CONTACT W/ CGL
S	85.80	87.80	FZ	--			:FAULT ZONE W/ TR TT
C		106.68					:E.O.H.

DDH ER91CH07 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	27.99	N/S									
A	27.99	28.92	12125		.001	2.0	.03	.007	.03	2.20	.003	.02
A	28.92	32.15	12126		.003	2.0	.03	.005	.007	1.90	.01	.04
A	32.15	34.79	12127		.003	2.0	.04	.005	.01	2.70	.005	.03
A	34.79	36.58	12128		.003	3.0	.03	.01	.03	2.30	.001	.01
C	36.58	85.80	N/S									
A	85.80	87.80	12129		.05	19.0	.02	.02	.02	2.60	.003	.06
C	87.80	106.68	N/S									
C	E.O.H.											

DDH EC91DH08 SURVEY LOG

H DDHID : EC91DH08
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	70.10	000.0	-90.0	-81.0	-67.0	490.0

DDH EC91DH08 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	19.81	OVBN				:
L	19.81	20.06	LOST				:
L	20.06	21.20	VLSD	5A		CL	:VF-F G, ARGILLACEOUS I/P, SL CALC, ABNT
L							:GR (CHLOR ALT?) CLASTS THRU, TR MICROXLN
L							:PY, MNR INTBD ARG.
L	21.20	34.13	VLSD	7A	2		:VF-VC G, P SRT, CALC CMT, EXTREMELY CALC,
L							:OCC FOS FRAGS, LOC ARGILLACEOUS, RR QTZ/
L							:CARB VNLT, TR MICROXLN PY,FAIR INTGRAN
L							:POROSIITY.
L	34.13	38.68	VLSD	3A	3	CL	:VF-MD G, ARG I/P, BIOTURB, CBN MAT THRU,
L							:SL CALC, OCC FOS FRAGS, ABNT GR (CHLOR
L							:ALT?) CLASTS THRU, CARB +/- QTZ FILLS
L							:FRACS.
L	38.68	42.06	VLSD	8G		CL	:VF-F G, TUFFACEOUS, READILY WEATHERS TO
L							:CLAY ON EXPOSURE, CHLOR ALT THRU, NO VIS
L							:SULF.
L	42.06	46.49	VLSD	6A	2		:F-C G, CALC, ZONES NOT WELL INDURATED
L							:W/ CALC CMT READILY WEATHER TO CLAY ON
L							:EXPOSURE, SMALL TR PY.
L	46.49	52.13	VLSD	8G	2	CL	:LOC LT GY, VF-F G, TUFFACEOUS,CHLOR ALT
L							:THRU, READILY WEATERS TO CLAY ON EXPOSURE,
L							:NO VIS SULF.
L	52.13	54.34	AT	8G	3	CL	:VF-MD G, CHLOR ALT THRU, SL CALC, CARB
L							:+/- QTZ FILLS FRACS\VUGS, NO VIS SULF.
L	54.34	54.79	VLCG	8G			:(VOLC CGL), RD-SBRD CLASTS TO 8cm, TR PY.
L	54.79	55.08	ANDY	P			:V FN'LY XLN, APHAN GRNDMASS W/ FELD
L							:PHENOS TO 2mm THRU, CALC-FILLED AMYGS
L							:THRU, MNR MICROXLN PY ALONG FRACS.
L	55.08	55.23	VLCG	8G			:A/A
L	55.23	57.48	AT	GM		CL	:PALE GR TOP 0.8m W/ ABNT CHLOR ALT,
L							:BECOMING DK MAROON, Fe-CARB FILLS WISPY
L							:FRACS\VUGS\STRGS THRU, MNR CHLOR ALT, NO
L							:VIS SULF.
L	57.48	70.10	VLBX	MG		CL	:(VOLC BREC), CHAOTIC ASSEMBLAGE OF ANG-

L			:SBRD CLASTS, CLASTS APPEAR WELDED I/P,
L			:Fe-CARB FILLS WISPY FRACS THRU, MNR CHLOR
L			:ALT, NO VIS SULF, BREC CONTEMPORANEOUS W/
L			:LITH.
C	E.O.H.	70.10	

DDH ER91CH08 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	20.06	21.20	BD	72			:BEDDING
S	21.20	34.13	BD	68			:BEDDING
S		31.25	BD	67			:BEDDING
C		70.10					:E.O.H.

DDH ER91CH08 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	70.10	N/S									
C	E.O.H.											

DDH EC91DH09 SURVEY LOG

H DDHID : EC91DH09
H LOGGED BY : RG
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	54.86	000.0	-90.0	-80.5	-17.0	490.0

DDH EC91DH09 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	16.46	OVBN				:TILL & BROKEN ROCK
L	16.46	27.85	ARG	N	6		:VF-F G, CALC\CARB FILLED FRACS,TR-MNR PY,
L							:RR TT, OCC SLICKENSIDES ON FRAC SURFACES,
L							:BLEBS OF PY FOUND ON FRAC/SLICK SURFACES,
L							:OCC INTBDS OF M G BRN SST W/ ARG CLASTS.
L	27.82	30.77	ARG	2GU	5		:F-VC G, UP TO 15% SAND AMONGST ARG MTX,
L							:WK'LY CALC, CARB/CALC FILLS FRACS, RR PY,
L							:V RR TT & CP, SAND % INCR TO BOTTOM OF
L							:INTERVAL, 10% LARGE RD CLASTS (<12mm) AT
L							:BOTTOM OF INTERVAL.
L	30.77	35.99	VLSD	5A	3		:MOD-WELL SRT, MD G (1-2mm), SBRD-SBANG,
L							:OCC LARGER CLASTS (RD-ANG) UP TO 7mm, OCC
L							:LITHIC FRAGS, SHELL FRAGS, OCC CBN MAT,
L							:CALC CMT, MICROFRACS FILLED W/ CALC\CARB,
L							:SMALL TR PY BLEBS THRU.
L	35.99	37.72	VLSD	A	7	C	:DK-LT GY, VF-F G, WELL SRT,CARB CMT, SOFT,
L							:STRONGLY WEATHERED\ALT TO CLAY, TR (<1%)
L							:DISM & BLEBS PY, OCC MILKY WH CARB VN TO
L							:60 mm WIDE, POSSIBLE FLT ZONE.
L	37.72	38.45	VLSD	UG	7	C	:A/A, STRONG CHLOR ALT, WK EPIDOTE ALT,
L							:ABNT CLAST SHAPED SPHERICAL PODS (<2.5cm)
L							:W/ APPEARANCE SIM TO RUGOSE CORALS FRAG,
L							:PODS SURROUNDED BY WEATHERED CHLOR-EP
L							:CLAY (SOFT), OCC CBN MAT, OCC FOS FRAGS,
L							:A CARB FILLS FRACS, TR PY.(POSSIBLE SHEAR)
L	38.45	49.78	VLSD	7QB	5	C	:A/A, SOFT, WEATHERED\ALT LITHIC FRAGS TO
L							:CLAY, CARB FRAC FILLING, TR PY, MNR FLT,
L							:OCC CARB VNS.
L	49.78	50.24	AT	M	6		:TO GY IN LOC, VF-F G, CARB VNS & PEBBLES,
L							:NO VIS SULFS, 2 STAGES OF FLT VISIBLE:
L							:1ST IS ASSOC W/ RESISTIVE MAROON AT & IS
L							:PARALLLEL TO THE CARB VNS, 2ND IS ASSOC W/
L							:SOFT WEATHERED GREY AT.(FLT ZONE ??)
L	50.24	51.38	AT	3M	3		:F-MD G, CARB FILL FRACS, ABNT(<20%) CARB

L							:AMYGS < 5mm, NO VIS SULF.
L	51.38	54.86	AT	3M	5	C	:(BREC AT), F-MD G, BREC W/ LARGE AT
L							:CLASTS ALT TO A SOFT CLAY -TOURQUOISE BLUE
L							:COLOR (20% OF RX), MTX IS V RESISTIVE TO
L							:WEATHERING, ABNT (25%) CARB AMYGS IN MTX
L							:& BREC CLASTS, CARB FILLS FRACS & VNLTS,
L							:NO VIS SULF, 52.8-54.02 UNBREC INTERVAL
L							:W/ POOR FRAC & LARGE CARB AMYGS TO 20mm.
C	E.O.H.		54.86				

DDH ER91CH09 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		20.39	IB	--		60	:SST INTERBED
S		22.63	SS	19			:SLICKENSIDE SURFACE
S		23.11	SS	18			: " "
S		26.71	IB	--		101	:SST INTERBED
S		27.82	CN	19			:ARG CONTACT W/ LOWER SANDY ARG
S	27.82	30.77	BD	46			:BEDDING
S		30.77	CN	41			:SANDY ARG CONTACT W/ LOWER SST
S		36.28	VN	50		60	:CARB
S		36.54	VN	53		40	: "
S	35.99	37.72	FZ	--			:FAULT ZONE
S	37.72	49.78	WZ	--			:WEATHERING RX TO CLAY ON EXPOSURE-SHEAR?
S		44.48	FT	43			:FAULT W/ APPARENT REWORKED GRAINS
S		46.55	VN	70		50	:CARB
S	49.78	50.24	FZ	40			:FIRST STAGE OF FAULTING
S	49.78	50.24	FZ	23			:SECOND STAGE OF FAULTING
S	49.78	50.24	VN	40			:CARB
S	50.24	51.38	AM	74		05	:AMYDG PREFERRED ORIENTATION
C		54.86					:E.O.H.

DDH ER91CH09 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	24.38	N/S									
A	24.38	27.82	12070		.006	2.0		.001	.006	2.04	.01	.02
A	27.82	35.60	N/S									
A	35.60	37.72	12094		.003	0.8		.001	.01	4.06	.005	.01
A	37.72	38.45	12095		.003	0.8		.001	.007	4.51	.002	.007
A	38.45	39.62	12096		.006	0.6		.001	.003	4.12	.002	.007
C	39.62	54.86	N/S									
C	E.O.H.											

DDH EC91DH10 SURVEY LOG

H DDHID : EC91DH10
H LOGGED BY : RG
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	27.43	270.0	-45.0	68.5	99.5	505.0

DDH EC91DH10 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	6.10	OVBN				:TILL & BROKEN ROCK
L	6.10	16.23	ANDS	3M		CL	:(PORPHYRITIC AND-DAC), F-C G, 15-20% DK
L							:RED HEM ALT? LATHS <5mm LONG, ABNT WISPY
L							:CARB VNS, OCC THICK CARB VNS, OCC QTZ VNS,
L							:MNR OXIDATION, WK-MNR CHLOR ALT, Fe STAIN
L							:AROUND QTZ VNS, NO VIS SULF.
L	16.23	17.81	ANDS	3M	7	C	:F-C G APHAN MTX, BROKEN, SOFT, WEATHERED
L							:\ALT TO CLAY, CARB/CALC VNS, ABNT (15-20%)
L							:WH CALC/CARB FILLED AMIGS <6mm, NO VIS
L							:SULF, NO STAINING, NO DETETACTABLE RED
L							:RED ALT LATHS.(SHEAR ZONE PORPH AND-DAC)
L	17.81	22.81	ANDS	3M	2	CL	:F-MD G, APHAN MTX, A/A, ABNT (25%) CARB
L							:AMIGS\STRGS <15mm, 10-15% HEM ALT RED
L							:LATHS TO 6mm, LARGER AMIGS HAVE QTZ
L							:CENTERS W/ OUTER RIMS OF CARB (W/ WK CHLOR
L							:ALT), OCC CARB VNS, NO VIS SULF.
L	22.81	27.43	ANDS	3M	2	CL	:LOC TO MD GY, F-MD G APHAN MTX, 10-15%
L							:DARK RED HEM ALT PLAG LATHS <6mm, RR CARB
L							:AMIGS CARB & MILKY WH QTZ VNS, INCR CHLOR
L							:ALT SEEN IN & NEAR QTZ VNS, TR PY IN QTZ
L							:VNS.
C	E.O.H.		27.43				

DDH ER91CH10 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		6.15	VN	27		02	:CARB
S		8.60	VN	59		07	:QTZ
S		9.01	VN	64		10	:CARB
S		9.35	VN	18		03	: "
S		10.33	VN	46		07	: "
S		11.26	VN	49		04	:QTZ \
S		11.32	VN	54		09	: " - CONJUGATE PAIR
S		13.42	VN	42		07	:CARB
S		13.75	VN	52		50	:CARB + QTZ: BLADED CRX LIKE ROSETTES
S		14.14	VN	16		60	: " " " " " " "
S	16.23	17.81	SZ	68			:SHEAR ZONE
S		16.46	VN	55		25	:CARB
S		16.55	VN	56		28	: "
S		17.66	VN	49		12	: "
S	17.81	22.81	AM	64			:AMIGS/STRGS PREFERRED ORIENTATION
S		18.25	VN	49		08	:CARB
S		19.30	VN	42		10	: "
S		23.32	VN	45		09	: "
S		25.11	VN	11		18	:QTZ W/ TR PY, ASSOC W/ MNR CHLOR ALT
S		26.98	VN	08		05	: " " " " " " " " " "
S		27.39	VN	49		17	:CARB
C		27.43					:E.O.H.

DDH ER91CH10 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	27.43	N/S									
C	E.O.H.											

DDH EC91DH11 SURVEY LOG

H DDHID : EC91DH11
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	76.20	270.0	-45.0	66.0	9.5	510.0

DDH EC91DH11 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	3.66	OVBN				:
L	3.66	4.71	LOST				:
L	4.71	10.54	AT	RG			:MOTTLED PALE GR & RED, BREC, WK'LY MAG,
L							:Fe-CARB + QTZ FILLS FRACS, NO VIS SULF,
L							:9.46-10.54 PALE GR - WK BREC - NON MAG.
L	10.54	11.38	ARG	N	5		:MAS, Fe-CARB FILLS MICROFRACS\VNLTS, TR
L							:PY, NO VIS TT, UPPER CONTACT ANG- BLOCKY,
L							:LOWER CONTACT PLANAR.
L	11.38	12.97	LT	5A	7		:CRMY-TAN-GY SBRD-ANG LAP TO 9mm THRU,
L							:Fe-CARB +/- QTZ FILLS MICROFRACS & VNLTS,
L							:NO VIS SULF, 1.5cm ARG BED AT THE BASE
L							:GIVES EVIDENCE OF SMALL SCALE BLOCK
L							:FLTING.
L	12.97	16.59	AT	6A	3		:OCC INTERSTRAT DK GY-BLK ARG STRGS TO 3cm
L							:IN THICKNESS, BUT GENERALLY <1cm, OCC
L							:Fe-CARB +/- QTZ VNLTS OBSERVED TO CARRY
L							:TR TT, OCC LAP SIZE CLASTS, V RR TT THRU.
L	16.59	20.84	LT	3A	4	CL	:GRDG TO MD GY MTX W/ CRMY WH-GY ANG-SBRD
L							:LAP TO 20mm THRU, LAP GEN <7mm, CARB +/-
L							:QTZ FILLS FRACS, WK SPOTTY CHLOR ALT, LOC
L							:W/ SMALL TR MICROGRAN TT, 20.34-20.84m
L							:IRREGULAR CONTACT ARG/AT 50%-50%, 20.65-
L							:20.84m BREC ZONE W/ ABNT CARB & QTZ, TR
L							:TT (POSSIBLE FLT??).
L	20.84	21.95	ARG	N	3		:TOP 20cm HAS INT FRAC, TOP 12cm IS BREC
L							:(FLT??) W/ TR TT, CARB\QTZ VNLTS OCC
L							:CARRY SMALL TR TT, TR PY.IRREG CONTACT W/
L							:LOWER AT.
L	21.95	22.79	LT	5A	3		:CRMY OR VARIOUSLY GY SBRD-SBANG LAP TO 7mm
L							:THRU, GY SIL +/- CARB SURROUNDS OCC
L							:CLASTS, GY SIL OCC CARRIES MICROGRAN TT.
L	22.79	33.03	AT	5A	5		:F-C G, OCC ARGILLACEOUS STRGS, Fe-CARB
L							:+/- QTZ FILLS FRACS\VNLTS, LOC WELL BD'ED
L							:(TUFFITE?), TR MICROGRAN TT, OCC

L							:UNCONFORMABLE PATCHES OF BLK ARG, SEV
L							:SMALL SCALE FLTS, LOC W/ TR PY.
L	33.03	39.45	LT	4A	4		:F G MTX W/ ABNT CRMY-TAN OR GY ANG-SBRD
L							:LAP TO 8mm THRU, Fe-CARB +/- QTZ FILLS
L							:FRACS\VNLTS, Fe-CARB REPLACEMENT LOC
L							:ABNT, MNR ARG PATCHES & THIN BDS\STRGS
L							:THRU, TR MICROGRAN TT THRU, LOC W/ TR PY,
L							:MNR INTBD AT, SEVERAL FLTS, TR GL.
L	39.45	42.32	AT	5A	5		:ABNT CRMY WH-GY PYROCLASTS THRU, MNR
L							:INTERSTRAT ARG, Fe-CARB +/- QTZ FILLS
L							:FRACS, TR MICROGRAN TT THRU, EVIDENCE OF
L							:SMALL SCALE BLOCK FLT THRU, BLOCK FLT
L							:PERPENDICULAR TO BDDG.
L	42.32	51.15	LT	4A	3		:LT GY-CRMY WH ANG-SBRD LAP TO 12mm THRU,
L							:ARGILLACEOUS I/P, SMALL MICROGRAN TT THRU
L							:MTX, QTZ/CARB FILLS FRACS\VNLTS, Fe-CARB
L							:ALT THRU, RX QUICKLY ALT TO RUST-YELLOW
L							:COLOR, SMALL SCALE BLOCK FLT EVIDENT THRU,
L							:MNR TT IN OCC Fe-CARB/QTZ VNLTS, DK MTX
L							:SURROUNDING WH CLASTS HAS MICROGRAN TT.
L	51.15	58.77	ARG	N	7		:WISPY Fe-CARB VNLTS THRU, OCC QTZ/CARB
L							:VNLT W/ MNR AN-EUHEDRAL TT & LOC W/ TR CP,
L							:OCC TUFFACEOUS BD, QTZ/CARB SULF-BEARING
L							:VNS\VNLTS ARE RDM'LY ORIENTED.
L	58.77	59.44	AT	8G		C	:SOFT, READILY WEATHERS, MNR ARG ALT, DK GY
L							:WISPY SIL RICH VNLTS CARRY TR MICROGRAN
L							:TT, CHLOR ALT THRU.
L	59.44	59.65	VN	W			:QTZ + Fe-CARB (ANKERITE/SIDERITE) VN, W/
L							:MNR PY & CP, TR TT.
L	59.65	64.67	AT	8G	7		:A/A, DK GY WISPY VNLTS ONLY SEEN IN TOP
L							:10cm, Fe-CARB FILLS FRACS & VNLTS, SMALL
L							:TR MICROGRAN TT, TR PY.
L	64.67	66.64	ANDY	4GA			:ABNT CARB FILLED AMYGS NEAR TOP & BOTTOM
L							:CONTACTS, MOD MAG, OCC QTZ/Fe-CARB VNLTS
L							:W/ MNR CP + TT +/- PY, MNR CP + PY + TR
L							:TT NEAR TOP & BOTTOM CONTACTS.
L	66.64	67.40	AT				:CHILLED MARGIN, EXT FRAC & ALT, ABNT
L							:MICROXLN PY + TR CP & TT THRU.
L	67.40	76.20	ANDS	MG	5		:ABNT RECTANGULAR HEMATIZED MAFIC?? PHENOS
L							:THRU, FRACS\VNLTS FILLED W/ Fe-CARB + QTZ,
L							:SMALL TR MICROGRAN TT, TR PY, SULF ASSOC
L							:W/ & IN CLOSE PROX TO QTZ/CARB VNLTS.
C	E.O.H.		76.20				

DDH ER91CH11 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		11.38	CN	64			:ARG CONTACT W/ LOWER LT (PLANAR)
S		12.90	BD	21			:BEDDING FROM INTBD ARG
S		12.90	FT	41			:SMALL SCALE BLOCK FAULTING.
S		12.90	FT	86			:FAULT OFFSETS
S		14.11	FT	87			:FAULT
S		14.60	BD	26			:BEDDING
S	20.34	20.84	CN	00			:IRREGULAR CONTACT OF LT W/ LOWER ARG
S	20.65	20.96	BZ	--			:BREC ZONE W/ TR TT (POSS FAULT??)
S	21.77	21.95	CN	04			:IRREGULAR CONTACT OF ARG W/ LOWER LT
S	22.79	33.03	BD	20			:BEDDING
S	22.79	33.03	FT	--			:NUMEROUS SMALL SCALE FAULTS (35-55 DEG)
S		28.40	BD	09			:BEDDDING
S		30.70	BD	26			: "
S	31.53	31.59	FG	37			:FAULT GOUGE IN QTZ/CARB MTX
S		32.40	BD	06			:BEDDING, AT GRDG TO LT
S	33.03	39.45	FT	--			:NUMEROUS SMALL SCALE FAULTS (55-62 DEG)
S		35.00	BD	17			:BEDDING
S	39.45	42.32	FT	--			:BLOCK FAULTING BETWEEN -30 TO 60 DEG
S		41.53	BD	43			:BEDDING
S	42.32	51.15	BD	38			: "
S	42.30	46.40	FT	90			:BLOCK FAULTING
S		47.10	BD	22			:BEDDING
S		49.50	BD	41			: "
S		50.10	BD	37			: "
S	52.43	52.50	IB	--		70	:AT INTERBED IN ARG
S	53.20	53.26	IB	43		60	: " " " "
S		53.70	VN	--			:ABNT QTZ/CARB VN'ING W/ MNR TT & TR CP
S		59.44	CN	30			:AT CONTACT W/ LOWER QTZ/CARB VN
S		59.65	CN	37			:QTZ/CARB VN CONTACT W/ LOWER AT
S		64.67	CN	19			:AT CONTACT W/ LOWER DIKE
S		66.64	CN	09			:DIKE CONTACT OF DIKE
S	66.64	67.40	CM	--			:CHILLED MARGIN OF DIKE W/ PY, TR CP & TT
C		76.20					:E.O.H.

DDH ER91CH11 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	10.54	N/S									
A	10.54	11.38	12098		.005	1.8		.001	.006	3.18	.01	.02
A	11.38	12.97	12099		.007	4.0		.002	.001	5.02	.02	.04
A	12.97	16.59	12100		.006	2.8		.002	.001	4.49	.01	.02
A	16.59	20.84	12101		.006	2.4		.001	.005	4.65	.01	.03
A	20.84	21.95	12102		.004	2.5		.001	.04	3.07	.02	.03
A	21.95	22.79	12103		.006	3.5		.001	.005	4.88	.01	.03
A	22.79	24.38	12104		.005	2.4		.001	.005	4.72	.01	.03
A	24.38	27.43	12105		.004	1.9		.001	.007	4.10	.01	.02
A	27.43	30.48	12106		.005	1.5		.001	.006	5.07	.01	.02
A	30.48	33.03	12107		.005	2.1		.001	.01	4.82	.01	.02
A	33.03	36.58	12108		.004	2.2		.001	.004	4.18	.02	.02
A	36.58	39.45	12109		.006	4.6		.002	.007	4.97	.02	.03
A	39.45	42.32	12110		.005	4.7		.001	.01	3.96	.02	.02
A	42.32	45.72	12111		.006	4.1		.002	.01	4.23	.01	.03
A	45.72	48.77	12112		.006	4.7		.002	.006	4.76	.02	.03
A	48.77	51.15	12113		.01	7.0		.003	.01	4.40	.04	.08
A	51.15	54.86	12114		.06	52.3		.02	.01	4.24	.07	.08
A	54.86	58.77	12115		.02	16.7		.007	.01	4.14	.02	.04
A	58.77	59.44	12116		.002	0.8		.001	.001	4.30	.003	.02
A	59.44	59.65	12117		.002	0.4		.001	.001	6.42	.003	.02
A	59.65	60.96	12118		.002	0.3		.001	.002	6.15	.004	.04
A	60.96	64.67	12119		.01	3.3		.002	.003	4.43	.002	.02
A	64.67	66.64	12120		.004	0.7		.001	.001	4.22	.002	.02
A	66.64	67.40	12121		.001	0.3		.001	.001	4.06	.002	.01
A	67.40	70.10	12122		.007	1.7		.002	.002	4.48	.002	.02
A	70.10	73.15	12123		.004	1.4		.001	.03	3.42	.002	.01
A	73.15	76.20	12124		.005	0.9		.001	.005	3.38	.002	.004
C	E.O.H.											

DDH EC91DH12 SURVEY LOG

H DDHID : EC91DH12
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	105.18	270.0	-45.0	111.0	7.5	520.0

DDH EC91DH12 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	3.05	OVBN				:TILL & BROKEN ROCK
L	3.05	41.17	ANDS	5G	4	CL	:(ANDESITIC PORPHRY), WK-MOD MAGNETISM,
L							:CHLOR ALT OF FELD & AUG?? PHENOS THRU,
L							:QTZ &/OR CARB FILLS FRACS, NO VIS SULF,
L							:38.42-41.17 CHILLED MARGIN CONTACT.
L	41.17	105.18	ARG	N	4		:MAS, Fe-CARB +/- QTZ FILLS FRACS, TR PY,
L							:V RR TT.
C	E.O.H.		105.18				

DDH ER91CH12 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	38.42	41.17	CM	--			:CHILLED MARGIN OF AND PORPHRY
S		41.17	CN	59			:ANPO CONTACT W/ LOWER ARG
S		47.50	CV	39			:CLEVAGE IN ARG
S		61.50	VL	--			:QTZ/CARB W/ MNR TT
C		105.18					:E.O.H.

DDH ER91CH12 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C 0.00	105.18	N/S									
C E.O.H.											

DDH EC91DH13 SURVEY LOG

H DDHID : EC91DH13
H LOGGED BY : TW
H DATE : SEPT 91
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	97.54	270.0	-45.0	109.5	-23.0	520.0

DDH EC91DH13 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	3.05	OVBN				:TILL & BROKEN ROCK
L	3.05	59.46	ANDS	5G	4	CL	:APHAN-FN'LY XLN GRNDMASS W/ SMALL ALT
L							:PHENOS OF FELD & PYX (AUGITE), WK-MOD
L							:MAGNETISM, QTZ + CARB + CHLOR ALONG FRACS,
L							:NO VIS SULF, 56.36-59.46 CHILLED MARGIN:
L							:ROCK CHANGES TO BRN-MAROON, LOC W/ ABNT
L							:CARB-FILLED AMYGS, BOTTOM 55cm APHAN,
L							:BLEACHED TO PALE GR.
L	59.46	74.32	ARG	N	4		:MAS, CARB +/- QTZ FILLS FRACS, PROMINANT
L							:CLEVAGE AT 43, MICROMICA, RR SPECS OF TT
L							:SEEN IN QTZ/CARB VNLTS.
L	74.32	97.54	ANDS	MG	5	HE	:APHAN-FN'LY XLN GRNDMASS W/ ABNT RECTANG
L							:HEMATIZED PHENOS THRU, WK-MOD MAGNETISM,
L							:QTZ &/OR Fe-CARB FILLING FRACS, FRACS HAVE
L							:DK GY ENVELOPES, TR MICROXLN PY IN TOP 1 m
C	E.O.H.		97.54				

DDH ER91CH13 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	56.36	59.46	CM	--			:CHILLED MARGIN: ANPO
S	59.46	74.32	CV	43			:CLEVAGE IN ARG
S		68.88	VL	--			:CARB/QTZ W/ RR SPECS TT
S		69.43	VL	--			: " " " " " "
C		97.54					:E.O.H.

DDH ER91CH13 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
C	0.00	97.54	N/S									
C	E.O.H.											

DDH EC92DH01 SURVEY LOG

H DDHID : EC92DH01
H LOGGED BY : TW
H DATE : AUG 92
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	70.08	272.0	-50.0	-16.0	62.0	?.?

DDH EC92DH01 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	9.14	OVBN				:triconed- no core
L	9.14	14.58	REGL				:large boulders of maroon and lesser green :Telkwa Fm. ash tuff with interstitial till :no mineralization
L	14.58	15.49	ARG	N			:black, massive, badly broken; weak to mod :frac intensity; CB in <vns; rare microgran :TT in <vns w/ CB
L	15.49	38.22	LT	5A	3		:dark gy matrix w/ varicoloured lapilli :thru; CB +/- QZ in <vns and open spaces; :minor TT dissem thru; TT often seen along :QZ-CB filled fracs; weak arg. alt'n thru; :tr TT > 27.43 m; loc minor dissem, micro- :xln GL : - 15.49 upper cnt broken (~32 deg) : - 15.59 to 15.72 upper and lower cnts : obscurred in broken core : - 16.69 to 16.99 fault gouge (no cnts) : - 18.69 calc filled fracs @ 64 deg, mnr : assoc TT : - 19.40 calc filled fracs @ 61 & 55 deg : - 21.40 PY borders on QZ-CB vnlt @ 32 : - 24.78 QZ-CB vnlt @ 33 : - 25.10 QZ-CB vnlts @ 47 : - 30.86 CB vnlt @ 67 : - 32.38 to 33.35 FAULT ZONE; fault @ 6 : deg; abnt QZ-CB along length of zone : tr TT as microgran dissem and along : QZ-CB filled <vns & vnlts : - 34.00 CB vnlt @ 57 : - 34.32 CB vnlt @ 56
L	38.22	42.55	VLSD	5A	2		:very fine to fine grained, tuffaceous, mod :sorted, bioturb; occ wispy bands of PY :along carbonaceous rich horizons; rare :microxln TT loc; black oval bodies 4mm x

						:6mm common thru
						: - 38.22 upper cnt @ 43
						: - 41.15 weakly defined bedding @ 57
L	42.55	43.96	LT	4A	3	:ang to subang lapilli to 2mm; lap show :weak CL altn; tr dissem PY; no vis TT; mod :fracture intensity; CB in <vns
L	43.96	45.60	TFBD	5A		:(bedded tuff); med-dark gy mtx w/ abnt lt :gy, gr, & crmy wh sbang clasts to 1mm thru :clasts appear to be of volcanic origin; :weakly defined bedding evident; rare PY; :no vis TT; bedding @ 49 deg
L	45.60	46.26	LT	5A		:med-dark grey mtx w/ abnt sbang-ang lap to :2mm thru; weak frac int; calc fills fracs :tr microxln PY; no vis TT; lap often show :weak CL altn
L	46.26	47.79	LT	7G		:'lizard skin rock'; clusters of calc :filled tubes (possible coral frags); tr PY :no vis TT; occ CB vn;
L	47.79	51.82	AT	7G		:w/ lapilli loc; occ patches of gy, calc :preserved tubes a/a; tr PY; wk frac int; :int CL-CY altn loc; lower cnt @ 26
L	51.82	61.80	AT	5A		:med to dk gy mtx w/ lt gy, crmy wh, and :pale gr, sbrd clasts thru; large well rd :clasts loc (debris flows); wk frac int; :calc fills fracs; rare PY; occ patches of :calc preserved worm tubes(.5-1mm dia) : debris flows 52.66-53.22, 55.60-56.11
L	61.80	64.47	AT	5G		:very fine grained; mod frac int; calc :fills <vns; tr microxln PY thru; PY often :along calc-filled fracs; gy AT a/a 63.07 :to 63.16 m; upper cnt= 73; lower cnt= 50
L	64.47	67.60	AT	5A		:w/ occ lapilli to 5mm; minor CL altn thru :occ patches of calc preserved worm borrows :rare PY, weak frac int
L	67.60	67.86	VLCG	GM		:gr and maroon clasts in fine to med :grained pale green/maroon matrix; clasts :are derived from underlying Telkwa Fm.; :calc envelopes on clasts; no vis sdes; :upper cnt @ 46; lower cnt @ 40
L	67.86	68.12	AT	4M		:w/ occ crmy wh or green sbang lapilli to :4mm; no vis sdes; calc fills <vns
L	68.12	68.85	VLSD	5M		:w/ abnt gr, purple and gy clasts thru; v :coarse grained w/ clasts to 4mm; weak bddg :@ 52; no vis sdes; v weak frac int; calc :fills fracs
L	68.85	70.08	DAAM	5M		:(amygdaloidal dacite); dk maroon in top :then med maroon; calc fills ovoid amygds :to 33mm thru; long axis of amygs at 48; :no vis sdes; mod frac int; calc fills frac : 69.62- 70.08 conglomerate w/ same mtx as :described above cemented w/ amyg dacite :flow; rd & sbrd clasts of maroon volc :(flow) to 4mm thru
C	E.O.H.		70.08			

DDH ER92CH01 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	AG ppm	AS ppm	CD ppm	CU ppm	PB ppm	SB ppm	ZN ppm	CO ppm
C	0.00	14.58	N/S									
A	14.58	15.49	11288		12.8	58	15.2	126	667	47	1394	13
A	15.49	18.29	11289		16.5	46	6.7	150	561	68	1049	23
A	18.29	21.34	11290		8.4	1	5.1	83	2270	42	1119	19
A	21.34	24.38	11291		0.1	1	1.9	10	2282	2	875	16
A	24.38	27.43	11292		4.1	20	0.7	43	4622	1	628	18
A	27.43	30.48	11293		2.7	1	1.6	32	1648	2	546	18
A	30.48	33.53	11294		0.1	4	0.1	31	81	1	123	16
A	33.53	36.58	11295		0.1	9	0.1	22	48	1	84	11
A	36.58	38.22	11296		0.4	19	0.1	33	49	1	84	13
A	38.22	39.62	11297		0.1	29	0.1	36	207	1	382	18
A	39.62	42.55	11298		0.1	22	0.1	41	180	1	315	18
A	42.55	43.96	11299		0.1	21	0.1	35	33	1	209	23
A	43.96	45.60	11300		0.1	84	0.1	41	39	1	109	40
A	45.60	46.26	11301		0.1	23	0.1	185	7	1	107	27
A	46.26	47.79	11302		0.1	1	0.1	35	9	1	127	27
A	47.79	70.08	N//S									
C	E.O.H.											

DDH EC92DH02 SURVEY LOG

H DDHID : EC92DH02
H LOGGED BY : TW
H DATE : AUG 92
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	73.15	272.0	-47.0	-15.5	92.0	?.?

DDH EC92DH02 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	14.02	OVBN				:triconed- no core
L	14.02	14.64	REGL				:large boulders of maroon and lesser green :Telkwa Fm. volc rx
L	14.64	49.54	LT	5A			:med-dk gy mtx w/ abnt crmy wh, tan, gr & :gy, ang - sbrd lap to 5mm thru; mod <vn w/ :CB +/- QZ; GL-TT min often seen along <vn :mnr TT-GL dissem thru; <vns have random :orientation; tr PY : 19.7m - wk banding @ 33 : 25.1m - possible minor fault @ 49 :>27.43 - TT-GL becoming rare : 47.39 - banding @ 60
L	49.54	51.07	AT	5AG			:fault zone (mylonitized); str <vn; CB in :<vns and as open space fillings; mnr CL :altn; tr microgran TT; tr GL
L	51.07	51.30	VLSD	6AG			:med grained w/ abnt rod shaped silica :particles to 5mm defining a planar fabric :@ 60; CB in <vns; tr GL
L	51.30	51.92	AT	5AG			:str <vn w/ CB-QZ; mylonitized i/p; no vis :sdes
L	51.92	52.23	VLSD	6AG			:a/a 51.07-51.30
L	52.23	53.17	LT	5A			:a/a 14.64-49.54; wk <vn w/ CB-QZ; rare PY :-GL dissem; upper cnt= 60
L	53.17	54.11	AT	4A			:fine grained; str <vn w/ CB; tr TT-GL :along <vns and dissem; tr PY
L	54.11	59.11	LT	5G			:subang-subrd lap to 7mm; lap gr, gy, or :tan; minor intercalated AT; wk-mod <vn w/ :CB-QZ; CB-QZ also in vnlts; tr PY
L	59.11	64.68	AT	5AG			:med gy grading loc to med gr; fine-med :grained, subrd-subang ash; weak <vn w/ CB :v rare microgran TT in gy variety
L	64.68	66.43	ANDY	4GA			:fine grained; abnt amygs w//CB; no <vn; :occ inclusion of AT a/a; upper cnt= 56; :lower cnt= broken up core

L	64.43	69.12	AT	6G	:med grained, subrd ash particles; mod <vn :w/ QZ-CB; tr PY; dyke a/a 68.23-68.42 w/ :broken up core at cnts
L	69.12	70.74	AT	4A	:fine-med grained; subrd-subang, vari- :colored ash; wk <vn w/ QZ-CB; tr microxln :PY
L	70.74	73.15	LT	5AG	:med gr w/ gy clusters (frags) of coral :to 71.6m; CB in <vns and vnlts; 'lizard :skin rock'
C	E.O.H.		73.15m		

DDH ER92CH02 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	AG ppm	AS ppm	CD ppm	CU ppm	PB ppm	SB ppm	ZN ppm	CO ppm
C	0.00	14.64	N/S									
A	14.64	15.24	11303		29.8	1	9.6	275	1960	123	1377	14
A	15.24	18.29	11304		22.2	1	4.4	246	2831	99	1224	20
A	18.29	21.34	11305		26.4	1	0.2	321	374	141	1755	22
A	21.34	24.38	11306		105.2	167	11.0	1550	1191	692	1386	27
A	24.38	27.43	11307		6.6	17	0.4	135	214	39	516	14
A	27.43	30.48	11308		1.1	5	0.1	27	62	1	179	10
A	30.48	33.53	11309		0.7	12	0.1	24	70	1	185	12
A	33.53	36.58	11310		1.4	12	0.1	65	128	10	316	12
A	36.58	39.62	11311		0.3	6	0.1	16	55	1	132	12
A	39.62	42.67	11312		1.7	36	0.1	24	73	3	189	13
A	42.67	45.72	11313		2.0	31	0.2	30	71	5	175	10
A	45.72	48.77	11314		2.2	44	0.4	23	75	8	193	14
A	48.77	51.07	11315		1.7	9	1.0	45	209	12	466	15
A	51.07	54.12	11316		1.7	24	0.1	39	169	8	261	19
A	54.12	73.15	N//S									
C	E.O.H.											

DDH EC92DH03 SURVEY LOG

H DDHID : EC92DH03
H LOGGED BY : TW
H DATE : AUG 92
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	66.14	272.0	-48.0	-45.0	103.0	?.?

DDH EC92DH03 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	25.60	OVBN				:triconed- no core
L	25.60	26.83	REGL				:
L	26.83	32.78	VLST	4A			:sandy i/p; abnt org material thru; bioturb :sand sized meterial appears to be :predominantly feldspar; loc wk bddg @ 44 :wk <vn w/ CB-QZ; trace TT-GL along <vns :& sparsely dissem loc; occ intercalated AT : 29.31- 29.42 AT bed; upper & lower cnts : @ 65 deg
L	32.78	43.81	LT	5A			:med-dk gy mtx w/ abnt tan, crmy wh, gy & :gr, subrd-ang lap to 6mm thru; wk <vn w/ :QZ-CB; QZ-CB in vnlts & vns also; occ GL- :TT in QZ-CB vnlts; tr TT-GL dissem thru :& in small irreg patches proximal to CB :<vns; 37.3m CB vn, 2 cms wide, @ 53 deg
L	43.81	52.55	AT	6A			:lt-med gy w/ occ dk gy streaks; crude :bedding relatively undisturbed or w/ post :depositional deformation; mod <vn w/ CB- :QZ in <vns and vnlts; tr PY; rare GL-TT : 46.10- 46.35 agglomerate bed w/ pale gr : subrd-ang clasts to 1.5cm thru : 46.7 bddg @ 80 : 47.9 bddg @ 73 : 50.4 bddg @ 71 : 48.9 CB vn, 4.5cm wide, @ 72
L	52.55	64.01	VLST	5A			:med-dk gy; very fine - fine grained w/ :abnt ang-subrd sandy volc material (ie :reworked waterlain ash); bioturb; abnt :carbonate material thru; :wk <vns w/ CB; tr PY; no vis TT-GL; : 54.9 - CB vn, 7cm, @ 73 deg : 55.79 - 56.01 andesite dyke, pale gr-gy : ucnt= 35; lcnt= 60; minor PY in <vns
L	64.01	66.14	ANDY	5GA			:pale gr tint; very fine grained; amygs w/

:CB filling thru; wk <vns w/ QZ-CB; micro-
:xln PY often seen along, or proximal to
:<vns; ucnt= 26 deg;

C E.O.H. 66.14m

DDH ER92CH03 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	AG ppm	AS ppm	CD ppm	CU ppm	PB ppm	SB ppm	ZN ppm	CO ppm
C	0.00	26.83	N/S									
A	26.83	30.48	11317		24.3	343	45.6	117	2486	56	4301	15
A	30.48	32.78	11318		17.6	135	24.0	102	1553	51	2232	18
A	32.78	33.53	11319		173.5	129	13.5	1135	7534	577	1090	26
A	33.53	36.58	11320		7.4	3	1.7	47	2426	20	675	14
A	36.58	39.62	11881		1.2	1	1.9	31	2297	7	715	14
A	39.62	42.67	11882		3.2	81	0.5	53	756	12	358	13
A	42.67	45.72	11883		4.4	30	1.5	51	328	17	497	17
A	45.72	48.77	11884		3.0	16	1.6	61	256	15	701	19
A	48.77	66.14	N//S									
C	E.O.H.											

DDH EC92DH04 SURVEY LOG

H DDHID : EC92DH04
H LOGGED BY : TW
H DATE : AUG 92
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	85.34	271.0	-45.0	-43.5	133.0	?.?

DDH EC92DH04 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	24.38	OVBN				:triconed- no core
L	24.38	29.62	REGL				:poor recovery of boulder/clay regolith
L	29.62	50.75	LT	5A			:med-dk gy mtx w/ abnt crmy wh, tan, gr & :gy, ang - sbrd lap to 5mm thru; wk <vn w/ :CB +/- QZ in <vns & vnlts; GL-TT min often : seen along QZ-CB vnlts; mnr TT-GL dissem : thru; <vns have random orientation; tr PY : loc dissem; : 45.7 - QZ-CB vnlt @ 59 (mnr TT-GL in vnlt : and proximal to vnlt : 46.1 - QZ-CB vn, 2cm, @ 64 deg, tr TT-GL
L	50.75	56.19	AT	5A			:lt-dk gy color; crude banding (soft sed :deformation); mod-str <vn w/ QZ-CB; tr TT- :GL thru; occ QZ stringer w/ abnt microxln :PY :* marker* volcanic conglomerate 52.69 - : 53.30m; dk gy mtx w/ abnt pale gr ang- : subrd clasts to 3cm; tr dissem TT-GL
L	56.19	71.61	VLSD	4A			:dk gy,vf-f g, loc m-g,crmy wh, gy & gr :sbrd - sbang clasts of volc origin, :bioturb w/ carb mat thru, wk frac int, :qtz-carb fills fracs/vnlts, tr TT t/- GL :along qtz-carb vnlts, mnr dism py thru, :occ root pres w/ py, reworked bioturbated :volc ash, occ intbd ash tuff horizon, :bddg v poorly defn'
L	71.61	85.34	AT	6AG			:pale gr-gy,gr, gy, tan & crmy sbrd-sbang :clasts thru, loc fragmental, occ :irregular clasts? patches? frags of :calc tubules, tubes 1mm in dia, :fragmental intervals contain abnt patches :/frags calc pres tubes, tr PY; wk frac int :CB t/- QZ fill fracs, fragmental zones :possibly shallow water reef environment

C :-calc pres fos frags?; 'lizard skin rx'
C :E.O.H.

DDH ER92CH04 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	AG ppm	AS ppm	CD ppm	CU ppm	PB ppm	SB ppm	ZN ppm	CO ppm
C	0.00	29.62	N/S									
A	29.62	30.48	11885		>200.0	327	>100.0	2197	>10000	1009	8127	49
A	30.48	33.53	11886		17.5	1	18.0	130	4395	60	1773	15
A	33.53	36.58	11887		2.2	1	7.4	24	1584	7	1377	14
A	36.58	39.62	11888		11.7	28	0.6	107	371	46	459	14
A	39.62	42.67	11889		6.0	16	3.3	55	1204	18	744	13
A	42.67	45.72	11890		3.0	1	2.9	22	3199	6	905	17
A	45.72	48.77	11891		8.2	1	4.0	65	2736	30	1230	19
A	48.77	50.75	11892		6.6	1	4.6	61	2460	26	1547	21
A	50.75	51.82	11893		9.9	16	5.4	72	4123	30	1350	29
A	51.82	54.86	11894		6.4	1	0.7	58	2017	23	828	19
A	54.86	56.19	11895		5.5	1	6.8	60	1837	22	1574	22
A	56.19	57.91	11896		11.9	28	17.0	42	2767	20	1879	19
C	57.91	85.34	N/S									
C	E.O.H.											

DDH EC92DH05 SURVEY LOG

H DDHID : EC92DH05
H LOGGED BY : TW
H DATE : AUG 92
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	63.40	270.0	-45.0	-75.0	172.5	?.?

DDH EC92DH05 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	33.53	OVBN				:triconed- no core
L	33.53	35.68	REGL				:sandy clay w/pieces of bedrock(argillite)
L	35.68	43.65	ARG	N			:black, massive, locally silty; wk <vn; :rare TT-GL along QZ-CB <vns
L	43.65	43.97	VLSD	5A			:fine-med grained, mod-well sorted, subrd- :wellrd, massive; possible beach sand; :lcnt= 75 deg; ucnt= broken up core
L	43.97	49.57	ARG	N			:a/a 35.68-43.65; v wk <vn; no vis sdes
L	49.57	52.68	VLSD	5A			:a/a int bdd ARG a/a, upper contact @ 48 :deg, 49.72-49.92; ARG a/a badly broken, :50.38-51.08; ARG a/a badly broken
L	52.68	56.39	ARG	N			:black, mas, loc sdy, occ SS intercalated; :v wk frac; QZ-CB fill fracs/vnlts, no vis :sulf
L	56.39	63.40	VLSD	4A			:slty i/p, argillaceous, mtx, :carb, vfg- fg, rr QZ-CB filled frac, :no vis sulf
C							:E.O.H.

DDH EC92DH06 SURVEY LOG

H DDHID : EC92DH06
H LOGGED BY : TW
H DATE : AUG 92
H CORE SIZE : NQ
H PROPERTY : ERIC
H GRID AZM. : 270

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	81.69	270.0	-45.0	-74.0	142.5	?.?

DDH EC92DH06 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	36.58	OVBN				:triconed- no recovery, csg @ 36.58m
L	36.58	49.57	ARG	N			:mas, loc sdy/slty, wk frac int, :QZ-CB fill fracs, occ tr TT & GL along :QZ-CB fracs/vnlts, occ ss intercalated, :38.7-39.3; SS, gy, fg-mg, v sl calc, ARG mtx, upper & lower contacts broken v wk frac, no vis sulf
L	49.57	50.21	VLSD	5A			:fg-mg, arg i/p, sbrd-wrd, mod-well srt; :sl calc, bioturb, no bddg, rr calc filled :frac, no vis sulf
L	50.21	54.86	ARG	N			:a/a, incr sdy, rr QZ-CB filled microfrac, :no vis sulf
L	54.86	63.11	VLSD	N			:black, vf-fg, arg, v sl calc, carb, rr :QZ-CB filled frac, no vis sulf :59.5 bddg @ 33 deg
L	63.11	67.54	LT	5A			:abnt tan, gy crmy wh & gr sbang-ang :lap to 5mm thru, v wk frac int, QZ-CB :fill fracs/vnlts, no, vis sulf, loc :showing signs of being reworked (weak :sedimentary structures apparent); lower :contact @ 55 deg, upper contact broken
L	67.54	77.80	VLSD	5A			:m-dk gy, fg-mg, loc slty, bioturb, black :arg/carb mat pres worm burrows, calc, CB- :QZ fill fracs thru, wk frac int overall, :no vis TT/GL, tuffaceous, occ patches of :microxln PY proximal to QZ-CB vns
L	77.80	78.50	GOUGE	6A			:crmy gy, soft, permeable, no vis sulf
L	78.50	81.69	VLSD	5A			:a/a 67.54 - 77.80
C							:E.O.H.

COMP: EQUITY SILVER MINES
PROJ: ~~BABS~~ ERIC
ATTN: DARYL HANSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 2S-0311-RJ1+2
DATE: 92/09/18
* CORE * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
11288	12.8	.39	58	9	178	.2	2	1.67	15.2	13	126	1.93	.19	1	.63	538	8	.02	44	380	667	47	25	4	12	23.9	1394	1	1	2	33
11289	16.5	.53	46	13	116	.1	5	6.32	6.7	23	150	4.72	.25	1	1.90	4850	1	.01	68	1030	561	68	56	1	7	47.6	1049	1	1	5	64
11290	8.4	.71	1	18	201	.1	6	7.31	5.1	19	83	5.47	.33	1	2.47	5602	1	.02	49	870	2270	42	69	1	10	50.7	1119	1	1	4	45
11291	.1	.60	1	16	134	.1	5	7.53	1.9	16	10	5.31	.28	1	2.33	4325	1	.02	35	830	2282	2	90	1	10	45.0	875	1	1	4	57
11292	4.1	1.50	20	26	265	.1	1	6.75	.7	18	43	3.99	.71	1	1.66	2786	1	.04	54	1830	4622	1	104	1	14	59.7	628	1	1	3	52
11293	2.7	1.05	1	20	282	.1	1	9.70	1.6	18	32	4.38	.51	1	1.41	2043	1	.06	50	1550	1648	2	171	1	13	51.6	546	1	2	3	58
11294	.1	.93	4	18	374	.1	1	11.65	.1	16	31	4.15	.46	1	.96	758	1	.09	48	1400	81	1	194	1	13	48.4	123	1	1	2	37
11295	.1	.59	9	12	245	.1	2	14.65	.1	11	22	2.07	.30	1	.53	1327	1	.06	32	730	48	1	240	1	12	27.4	84	1	4	2	34
11296	.4	.53	19	11	141	.1	1	12.93	.1	13	33	2.28	.27	1	.51	834	1	.07	39	650	49	1	226	1	9	29.1	84	1	1	2	23
11297	.1	1.14	29	19	219	.1	1	7.33	.1	18	36	3.79	.54	1	.68	623	1	.11	63	1690	207	1	136	1	10	33.6	382	1	1	2	38
11298	.1	1.48	22	25	348	.1	1	7.84	.1	18	41	4.56	.67	3	.84	619	1	.14	50	2070	180	1	161	1	12	41.9	315	1	1	2	37
11299	.1	1.37	21	23	351	.1	1	7.14	.1	23	35	5.26	.61	3	.92	640	1	.17	67	1430	33	1	137	1	11	52.3	209	1	1	2	43
11300	.1	1.26	84	21	300	.1	1	7.74	.1	40	41	4.80	.57	3	.84	559	1	.16	86	1760	39	1	142	1	8	42.0	109	1	1	1	33
11301	.1	1.43	23	24	404	.1	1	6.80	.1	27	185	4.77	.63	4	.89	712	1	.17	75	1350	7	1	129	1	10	53.2	107	1	1	2	46
11302	.1	1.14	1	20	587	.1	1	7.69	.1	27	35	5.69	.54	2	.94	1235	1	.13	79	1110	9	1	110	1	9	56.3	127	1	1	2	45
11303	29.8	.76	1	17	117	.1	1	6.41	9.6	14	275	4.85	.36	1	2.06	5750	1	.02	38	1130	1960	123	52	1	12	42.8	1377	1	1	6	122
11304	22.2	.82	1	18	378	.1	1	7.08	4.4	20	246	5.12	.39	1	2.99	4717	1	.02	54	1320	2831	99	66	1	10	52.7	1224	1	1	2	40
11305	26.4	.74	1	17	175	.1	1	8.08	.2	22	321	4.92	.35	1	5.03	2826	1	.03	67	840	374	141	71	1	10	56.4	1755	1	1	1	58
11306	105.2	.63	167	15	112	.1	1	8.01	11.0	27	1550	5.14	.29	1	4.86	2495	1	.03	64	1130	1191	692	70	1	11	50.3	1386	1	1	1	49
11307	6.6	.72	17	16	209	.2	1	10.87	.4	14	135	2.93	.34	1	2.24	1142	1	.04	39	1390	214	39	166	1	10	40.1	516	1	1	2	35
11308	1.1	.71	5	15	238	.1	1	10.86	.1	10	27	2.55	.35	1	.74	616	1	.05	31	1400	62	1	198	1	9	36.5	179	1	1	2	28
11309	.7	.75	12	16	252	.1	1	11.81	.1	12	24	2.51	.36	1	.54	589	1	.06	35	1370	70	1	204	1	9	34.5	185	1	1	2	31
11310	1.4	.60	12	14	157	.1	1	10.89	.1	12	65	2.74	.28	1	1.46	834	1	.05	30	1460	128	10	194	1	9	36.7	316	1	4	2	32
11311	.3	.91	6	19	196	.1	1	10.82	.1	12	16	2.61	.42	1	.72	489	1	.06	35	1790	55	1	201	1	11	38.9	132	1	13	3	41
11312	1.7	.75	36	17	188	.2	5	>15.00	.1	13	24	2.66	.35	1	.62	485	1	.06	33	1680	73	3	187	1	11	36.9	189	4	1	3	35
11313	2.0	.66	31	15	220	.2	5	11.64	.2	10	30	2.04	.31	1	.52	506	1	.05	29	1210	71	5	174	1	11	29.2	175	5	1	3	45
11314	2.2	.60	44	14	125	.1	5	12.04	.4	14	23	2.12	.29	1	.38	714	1	.06	34	1070	75	8	164	1	10	30.5	193	3	1	3	32
11315	1.7	.69	9	15	231	.1	4	8.82	1.0	15	45	3.34	.31	1	.90	1732	1	.06	33	1290	209	12	105	1	12	55.4	466	1	1	3	29
11316	1.7	.84	24	19	1408	.1	5	8.25	.1	19	39	3.97	.38	2	.90	1206	1	.07	43	1680	169	8	109	1	12	51.2	261	1	1	3	40
11317	24.3	.71	343	16	174	.1	4	3.15	45.6	15	117	3.17	.32	1	1.15	1414	2	.04	30	630	2486	56	38	4	17	36.2	4301	1	1	3	52
11318	17.6	.59	135	13	170	.1	3	2.60	24.0	18	102	3.30	.27	1	.91	1475	2	.04	35	720	1553	51	40	3	11	40.4	2232	1	1	3	45
11319	173.5	.80	129	18	146	.1	6	7.52	13.5	26	1135	6.45	.34	1	2.36	4899	4	.02	41	2610	7534	577	85	1	13	64.6	1090	1	1	4	42
11320	7.4	1.03	3	21	158	.1	6	7.24	1.7	14	47	4.92	.44	1	2.14	3746	1	.03	34	2170	2426	20	82	1	11	61.3	675	1	1	4	57
11881	1.2	.54	1	13	121	.1	5	7.30	1.9	14	31	4.58	.24	1	2.08	3900	1	.02	39	1390	2297	7	78	2	11	50.3	715	1	1	3	39
11882	3.2	.46	81	11	498	.1	6	9.96	.5	13	53	3.19	.22	1	1.47	2084	1	.03	30	930	756	12	139	3	9	36.2	358	1	1	4	36
11883	4.4	.62	30	14	443	.1	6	8.86	1.5	17	51	3.67	.28	1	1.13	1239	1	.04	36	1420	328	17	141	2	14	58.8	497	1	1	3	33
11884	3.0	1.09	16	21	694	.1	5	7.72	1.6	19	61	4.78	.45	1	1.16	1440	1	.05	44	2030	256	15	128	1	16	76.9	701	1	1	4	42
11885	>200.0	.51	327	17	161	.1	8	6.80	>100.0	49	2197	8.20	.23	1	2.04	5353	1	.01	85	1540	>10000	1009	66	1	9	55.4	8127	1	2	4	34
11886	17.5	.93	1	21	315	.1	7	6.95	18.0	15	130	5.21	.41	1	2.02	4613	1	.02	28	1750	4395	60	76	1	10	64.4	1773	1	1	5	45
11887	2.2	.83	1	18	248	.1	6	7.70	7.4	14	24	5.42	.36	1	2.68	3924	1	.03	29	1880	1584	7	90	1	10	58.6	1377	1	1	4	46

COMP: EQUITY SILVER MINES
PROJ: P.O.# ~~S392-0017~~ ERIC
ATTN: DARYL HANSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 2S-0328-RJ1
DATE: 92/09/24
* CORE * (ACT:F31)

92-04

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
11888	11.7	.80	28	18	235	.2	6	8.65	.6	14	107	3.39	.37	1	1.32	2124	1	.04	34	1900	371	46	156	1	107	45.2	459	1	1	4	51
11889	6.0	.88	16	20	229	.2	5	7.04	3.3	13	55	3.56	.41	1	1.49	2142	1	.04	31	2140	1204	18	95	1	140	46.8	744	1	1	5	68
11890	3.0	.71	1	17	192	.1	6	6.77	2.9	17	22	4.57	.33	1	1.97	3694	1	.04	42	1110	3199	6	68	1	117	47.1	905	1	1	4	56
11891	8.2	.61	1	14	153	.1	5	7.08	4.0	19	65	4.98	.28	2	2.41	4272	1	.04	45	800	2736	30	67	1	78	43.5	1230	1	1	5	82
11892	6.6	.37	1	10	119	.1	5	7.32	4.6	21	61	5.85	.18	1	2.73	5033	1	.03	50	1000	2460	26	66	1	50	44.4	1547	1	1	3	48
11893	9.9	.67	16	14	330	.1	5	3.69	5.4	29	72	5.49	.30	1	1.40	4030	1	.06	78	2110	4123	30	66	1	107	67.4	1350	1	1	3	31
11894	6.4	.62	1	13	240	.1	4	3.13	.7	19	58	5.23	.29	1	1.23	4180	1	.05	43	1830	2017	23	60	1	121	67.3	828	1	1	4	36
11895	5.5	.63	1	14	213	.1	5	4.06	6.8	22	60	7.28	.28	1	1.54	6291	1	.05	50	2060	1837	22	78	1	94	74.9	1574	1	2	4	34
11896	11.9	.35	28	9	157	.1	4	7.35	17.0	19	42	4.83	.18	1	1.80	2592	1	.04	35	750	2767	20	96	1	33	33.4	1879	1	1	4	47