asmine Hobart

bow Option Notes

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RAINBOW GROUP
MIDWAY, B.C.
82 E/2W

Jasmine HOBART.

825568

Jasmine Hobart
Rainbow Option Notes

Contents.

RAINBOW PROJECT; MIDWAY

SOIL GEOCHEM : SEPT 20/84

L112N

STN	DEPTH	COL.	TEXT.	LOCN	VEG & MISC...
①127E	B:10cm	DK. BR.	LOOSE FINE	E SLOPE	GRASS
②130E	B:10cm	DK. BR.	CLUMPY FINE	E SLOPE	GRASS
③133E	B: 8cm	DK BR.	CLUMPY FINE	E SLOPE	GRASS
④136E	B:8cm	DK BR.	CLUMPY FINE	E FLAT	GRASS
⑤139E	B: 8cm	MED BR.	CLUMPY FLOUR	E SLOPE	GRASS/THISTLE
L109N					
⑥139E	B: 8cm	RED DK BR.	CLUMPY FLOUR	E SLOPE	GRASS/ THISTLE
⑦136E	B: 8cm	LT→MED BR	CLUMPY FINE	QY	O.B.?
⑧133E	B: 9cm	MED BR.	CLUMPY FINE	QY	O.B.?
⑨130E	B:10cm	RED DK BR.	LOOSE FLOUR	QY	O.B.?
⑩127E	B:10cm	LT→MED RED BR.	LOOSE FLOUR	TOP OF E SLOPE	GRASS
L106N					
⑪127E	B:10cm	LT→MED BR.	FINE	NEXT TO OUTHOUSE UNDER QUONSET	GRASS THISTLE
⑫130E	B: 8cm	LT→MED GREY BR.	FINE	S OF #2 PIT IN PICTRX.	GRASS/THISTLE
⑬133E	B: 8cm	DK GREY BR.	LOOSE FINE	QY: WEST SIDE ABOVE PIT #1	O.B.
⑭136E	B:10cm	MED GR. BR.	LOOSE FINE	QY: EAST SIDE OF PIT #1	O.B.
⑮139E	B: 10cm	LT→MED GR. BR.	LOOSE FINE	SLOPE	BASTARD WEED, THISTLE, GRASS

L 103 N

STN	DEPTH	COL	TEXT	LOC N	MISC. VEG
139 E	B: 8cm	VERY DK BR LITTLE RED	LOOSE FLOUR	SLOPE SOE O.C's	GRASS
136 E	B: 10cm	MED DK BR RED	MED FINE	SLOPE	GRASS
133 E	B: 10cm	LT N RED BR.	LOOSE FLOUR	SLOPE	GRASS
130 E	B: 10cm	MED PINK BR.	LOOSE MED FINE	(L 103 N 130 E PIT)	O.B
127 E	B: 10cm	LT → MED GR BR.	MED FINE	(GULLEY)	GRASS

L 100 N

127 E	B: 10cm	LT → MED GR BR	/ MED FINE	/ SE SLOPE	/ GRASS	
130 E	B: 10cm	MED BR	/ FLOUR	/ GULLEY	/ GRASS	
133 E	B: 10cm	LT / MED YELLOW GR BR	/ FLOUR	/ SE SLOPE	/ THISTLE/GRASS	
136 E	B: 10cm	LT / MED ORANGE BR	/ MED FINE	/ SE SLOPE	/ THISTLE/GRASS	
139 E	B: 10cm	MED GR. BR	/ MED FINE	/ SE SLOPE	/ GRASS	

L 97 N

139 E	B: 8cm	MED GREY BR	/ FINE	/ SE SLOPE	/ GRASS, THIST
136 E	B: 8cm	MED N RED BR	/ FINE	/ SE SLOPE	/ GRASS, THIST
133 E	B: 10cm	DK BR	/ FINE	/ GULLEY	/ THISTLE GRASS
130 E	B: 10cm	DK BR	/ FINE	/ SE SLOPE	/ GRASS
127 E	B: 10cm	DK BR	/ FINE	/ SE SLOPE	/ GRASS

RAINBOW PROJECT; MIDWAY 3 J. HOBART.

SOIL GEOCHEM : SEPT 21/84

L 91 N

STN	HORIZON DEPTH	COLOUR	TEXT.	DESCRIPT. OF UNDER.	LOC'N VEG.
121 E	B 20 cm	MED/DK GREY BR.	DRY MED FINE	10% PEB. (ANG)	2m N OF RD S. SLOPE (UPSL) THISTLES
124 E	B 15 cm	LT/MD GREY BR.	DRY FLOUR	10% ANG PEB.	S. SLOPE GRASS
127 E	B 12 cm	MED GREY BR.	DRY MED FINE	10% SUB-ANG PEB.	S. SLOPE GRASS
130 E	B 15 cm	MED PINK BR.	DRY MED FINE	10% SUB+ ANG PEB.	S. SLOPE GRASS
133 E	B 20 cm	MED/DK GREY/YEL. BR.	DRY FINE	10% RND TO SUB ANG	½ m SE OF RD (DWNSL) GRASS
136 E	B 20 cm	DK BR.	MOIST CLUMPY MED FINE	15% SUB ANG PEB. GRAVEL	SE SLOPE GRASS
139 E	B 25 cm	DK GR. BR W WHITE FLECKS	MOIST CLUMPY FLOUR	2% ANG PEB WORMS	E/SE SLOPE GRASS
142 E	B 15 cm	MED GR BR W WHITE FLECKS	MOIST CLUMPY FLOUR	2% ANG PEB.	SE SLOPE 5 m E & DWNSLOF GRASS RD.

L 94 N

STN	121 E	B 25 cm	DK BR.	FLOUR	5-10% PEB	S. SLOPE THISTLES, CATTAIL BASTARD WEED
STN	121 E	C 40 cm	BR, LT TO TAN	"	10% PEB	"
	124 E	C 20 cm	RED BR.	HARD CLUMPS	15% PEB	"
	127 E	C 15 cm	TAN BR.	"	"	"
TR	130 E	C 30 cm	LT/MED BR	MOIST CLUMPY FLOUR	15% ANG FRAGS	SE SLOPE GRASS
TR	133 E	C 35 cm	MED OR. BR.	DRY MED FINE	20% LG ANG FRAGS	SE SLOPE GRASS
	136 E	C 40 cm	MED RD BR.	DRY FLOUR	30% SM/LG ANG FRAGS	GULLEY BOTTOM 3 m NE OF RD UPSL. GRASS
	139 E	C 20 cm	LT/MED RED BR.	DRY MED FINE	10% ANG FRAGS	15 m SE OF RD & DWNSL. GRASS
	142 E 5	B 15 cm	(TAN) LT REL. BR.	DRY MED FINE	2% ANG FRAGS	ROAD DWNSL. GRASS
	142 E 5	C 25 cm	LT RD BR.	DRY CLUMPY MED FINE	50% GRADE ROUND	3 m SE OF RD. SPARSE VEG.

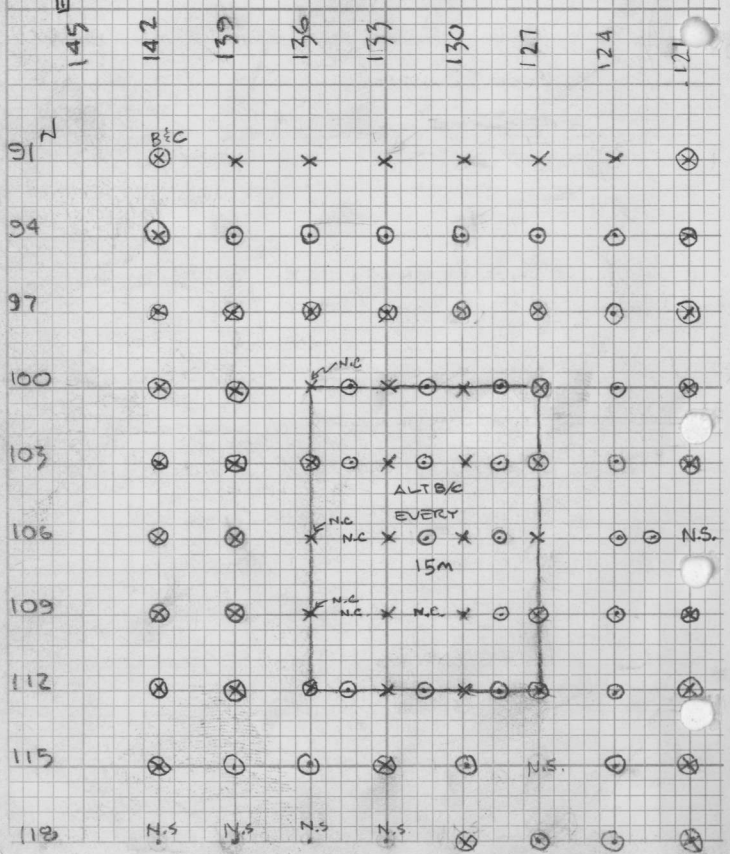
STN 142 E WOULD BE IMPOSS. TO TAKE DUE TO ROAD
∴ SAMP TAKEN 3 m SE OF STN

L97N 121EC → 130EC STUART

L103N 121EBC → 142EBC "

X = B HOR. N.S. = NO SAMPLE

⊙ = C HOR. N.C = NO C



L97N	HORIZON	DEPTH	COLOUR	TEXTURE	LOCN VEG/MISC
	A				
121E	B				
121E	C	10cm	CHOCOLATE BR.	FLOUR, LARGE ROCKS	S. SLOPE RANGE GRASS
124E	C	30cm	LT. BR.	HARD PACK <5% PEB.	SE SLOPE RANGE GRASS MILK WEED
127E	C	25cm	LT (TAN) BR.	HARD PACK 10% ROCK	E SLOPE RANGE GRASS MILKWEED
130E	C	30cm	CHOC BR.	FLOUR <5% PEB.	E SLOPE RANGE GRASS MILKWEED, CATTAIL
133E	C	45cm	DK OR/RD BR.	MOIST, CLUMPY, 10% RND/ANG SMALL PEBBLES NO BEDROCK REACHED	SE GULLEY YARROW GRASS
136E	C	25cm	MED BRIGHT ORANGE/RUST	50% GRADE RX OVERLIES DRY, GRITTY SOIL OVERLIES 40% SMALL RUSTY ANG. FRAG	S SLOPE SPARSE VEG CATTAILS, THIST.
139E	C	35cm	LT GREY BR.	DRY, MED FINE OVERLIES ANG GRAVEL N 20% GRAVEL.	E/SE SLOPE ENDEMIC 1.5m THISTLE
142E	B	15cm	LT GREY BR.	DRY CLUMPY, FINE 5% SM RND IN SOIL	10m CATTAILS WEST OF ROAD UPSLOPE
142E	C	30cm	RED MED OR BR.	DRY MED FINE OVERLIES ANG PEBBLES (N 15%)	10m W OF ROAD SLOPE W LOW GRASS, CATTAIL BASTARD WEED 2m S OF OLD RD 1m UPSLOPE N OF RD CATTAIL, TALL GRASS, BURDOCK
L100N					
142E	B	15cm	MED GREY BR	DRY, FLOUR, 10% ANG/RND PEB IN SOIL	2m S OF OLD RD 1m N UPSLOPE OF RD CATTAIL, TALL GRASS BURDOCK
142E	C	40cm	MED RED BR.	DRY, MED FINE 10% ANG MED PEBBLES NO BDRX REACHED (FRAGS)	"
139E	C	25cm	MED RED BR.	DRY, MED FINE 20% LG ANG GRAVEL BOULDER	SE GULLEY TALL GRASS CATTAILS
136E	X		NO 'C' SAMPLE OBTAINABLE CAN NOT DIG BELOW 10 CM BECUZ B HORIZ OVERLIES ANG BOULD	SLOPE BARREN CATTAILS	50% GR.
134.5E	C	25cm	MED PINK BR.	DRY, GRITTY, 30% LG ANG N 6cm ROCKS	SE SLOPE LOW GRASS CATTAILS WARREN
131.5E	C	25cm	MED RED BR	MOIST, MED FINE, 40% SMALL ANG IN SOIL, 30% LG ANG ROCKS ON SURFACE	SE SLOPE BASTARD BLUEBELL CATTAILS THISTLE
128.5E	C	35cm	MED YEL. BR.	MOIST/CLUMPY, FINE 10% ANG MED SIZED FRAGS NO BDRX REACHED	SE GULLEY TALL GRASS, THISTLE
127E	C	40cm	MED RED BR	MOIST/CLUMPY FINE 40% RND PEBBLES BDRX ANG FRAGS	SE SLOPE SAGE, CATTAILS THISTLE
124E	C	25cm	RUST LT OR BR.	DRY, CLUMPY, FINE 20% RND/ANG SMALL FRAGS	E/SE SLOPE TALL GRASS SAGE
121E	B	10cm	MED GREY BR.	DRY, MED FINE, LIES ATOP 20% GRADE SHARP ROCK	TOP OF KNOLL MOSS, BASTARD WEED, SPARSE
121E	C	25cm	MED RED BR.	DRY, GRITTY, LIES BELOW 20% GRADE RX, LIES ABOVE 50% GRADE RX	GRASS, SAGE "

6 S. DAVIES L 103N & 106N

SOIL SAMPLING — SEPT 22/84

STN	HORIZON DEPTH	TEXT.	COLOUR	LOCN	VEGET.
L 103N					
121E	B 25-27 cm	FLOUR <5% ROC	LT BR	N. SLOPE	RANGE GRASS CATTAILS
121	C 30 cm	HARD PACK N 5% PEB	TAN	"	"
124	C 25 cm	FLOUR- <5% PEB	LT BR.	E SLOPE	"
127	C 20cm	HARD PACK 5-10% PEB	VERY LT BR.	S SLOPE	"
128.5	C 35cm	FLOUR 10-15% PEB	CHOC. BR.	"	"
131.5	C 20cm	PACKED 10-15% ROC	RED. BR.	" BY PIT DUMP	BARREN
134.5	C 20cm	FLOUR MAINLY LGRX	RICH LT BR.	SE SLOPE	RANGE GRASS CATTAILS
136	C 20cm	HARD PACK 25% PEB	RED. BR.	"	"
139	C 15cm	FLOUR 25% PEB	"	"	"
142	B 35-40 cm	FLOUR <5% PEB	LT BR.	"	"
142	C 10cm		RICH BR	"	"
L 106N					
122.5E	B 15cm	FLOUR	CHOC BR.	FLATS	GRASS
	C 35cm	"	LT. CHOC. BR.	"	"
124	C 8-10cm	"	"	"	"
127	C 15cm	"	"	SW SLOPE	" + CATTAILS
128.5	C 8cm	"	"	SW SLOPE	LG UNDERLYING BOULD.
131.5	C 15cm	"	LT RED. BR.	FLATS	GRASS TREES
134.5	C NO SAMP; PIT AREA (PICT R x QY)				
136	C "	"	"	"	"
139	C 10cm	FLOUR LG BLDS	CHOC BR.	SE SLOPE	GRASS CATTAILS
142	B 20-25 cm	FLOUR	LT. BR.	SE SLOPE	GRASS CATTAILS
142	C 8-10cm	<5% PEB	CHOC	"	"

J HOBART SEPT 22/84

	HORIZON DEPTH	COLOUR	TEXTURE		LOCN VEG/MISC
L109N					
121E	B 15cm	MED GRYBR	DRY, FINE 5% SMALL RND PEB. IN SOIL		E/SE GULLY TALL GRASS LITTLE CATTAIL
	C 35cm	MED OR BR.	DRY, FLOUR, 15% RND & ANG PEBBLES NO BDRX REACHED		"
124E	C 35cm	MED DK RED BR	DRY, FLOUR 15% RND ANG PEBBLES BDRX 50% GRADE		E/SE GULLY TALL GRASS LITTLE CATTAILS
127E	C 20cm	BRIGHT OR BR.	DRY FLOUR, 15% RUST COV WITH FRAGS ROTTEN TREE IN		TOP OF O.C. SPARCE VEG. GRASS
128.5E	C 20cm	MED YEL BR	DRY, FLOUR, 10% RUST FRAGS BDRX 30% GRADE		SPARCE VEG GRASS ROTTEN TREE
131.5E	X	PICT RK QY AREA NO SAMPLE OBTAINABLE			O.B ROAD FREQUENTED
134.5E	X	PICT RX QY AREA NO SAMPLE OBTAINABLE		PIT DISTURBED	/ O.B.
136E	X	NO SAMPLE OBTAINABLE		PIT DISTURBED	/ O.B.
139E	C 20cm	MED OR RUST BR.	DRY, FLOUR 15% SM→MED ANG PEBBLES		TALL GRASS E SLOPE MOLE HOLES
142E	B 15cm	MED GRYBR.	DRY, FINE NO PEBBLES IN SOIL, TINY ROOTS		E SLOPE TALL GRASS LG PINE TREE
	C 35cm	DK YEL BR.	DRY, FLOUR 2% RND PEBBLES, IN SOIL ROTTEN TREE NO BDRX REACHED		YARROW " PONDEROSA
L112N			G. WINGERT		
121E	B 20cm	GRYBR	SILTY		½ m from pfg RANGE GRASS
	C 35cm	RUST BR.			CATTAILS
124E	C 30cm	"	ROCKY, SANDY		RANGE GRASS 1m OF FI. FIR DOUGFIR
127E	C 20cm	"	"	"	POND. PINE GRASS, CATTAIL SAMP @ PFG
128.5E	C 18cm BDRX	"	"	"	VEG AS ABOVE SOME ½ m BELOW PFG
131.5E	C 45cm	"	SILTY, SANDY		DOUG FIR 10m BELOW 136 GRASS
134.5E	C 15cm	LT GRY	SANDY, GRAV. ½ BETW 133 & 136		DOUG FIR PONDERINE GRASS
136E	C BDRX 15cm	RUST BR.	SANDY, FEW PEB.		GRASS LICHEN CATTAILS 1m SEE STAKE
139E	C 35cm	"	SILTY, SANDY		VEG AS ABOVE SAMP @ POST
142E	B 15cm	GRY BR.	FEW PEB., SILTY SANDY		VEG., SAMP UNDER PINE
	C 40cm		FEW PEB.		SAMP. @ POST

170E STN IS ON A OB. HEAP 2M E OF
A PIT ∴ SAMPLE TAKEN 2M S. OF STN

I PACED OUT 170E TO OBTAIN B/C SAMP...
& FLAGGED

170
UNSURVEYED
172

9 SEPT 23/84

L115N	HORIZON	DEPTH	COLOUR	TEXTURE	LOCN VEG/MISC
121E	B	15cm	MED DARK GREY BR.	DRY, GRITTY, LOOSE 20% RND/ANG PEBBLES W/IN	WEST SLOPE SMALL PLANTS, CAT TAILS, THISTLE
	C	25cm	MED YEL. GREY BR.	DRY, MED FINE, LOOSE OVERLIES SH→MED ANG GRAVEL BDRY N 30% GRADE	"
124E	C	?B 20cm	B? MED GR BR — — — — MED RED BR	DRY, LOOSE, MED FINE→ GRITTY, 7½% ANG PEB. W/IN SOIL NO BDRY REACHED	>2m W OF O.C AND IM SOUTH O.C CACTUS CAT TAILS O.B? TALUS THISTLE
127E	R	SAMPLE	UNOBTAINABLE: STN RESTS ON EXTENSIVE O.C.		
130E	C	20cm	ANKISH'D MED YEL BR	DRY, CLUMPY, MED FINE 2% PEB W/IN LOVERLIES SD→75% GRADE	E SLOPE DOUGLAS FIR, PONDEROSA LONG GRASS ROTTE
133E	B	15cm	MED GR BR.	DRY CLUMPY 1% RND PEB W/IN SOIL MED FINE	E SLOPE, TOOK SAMPLE 3m N OF STN DUE TO ROAD
133E	C	30cm	MED YEL BR.	DRY, CLUMPY MED FINE, BDRY 30%-50% GRADE	PONDEROSA, DEAD GRASS, NEEDLES
136E	C	25cm	LT YEL BR	DRY, LOOSE, MED FINE 2% RND PEB, W/IN SOIL, OVERLYING 50% GRADE	E SLOPE, SPARSE VEG, OPEN, SMALL PLANTS
139E	C	25cm	LT YEL BR.	DRY, LOOSE, MED FINE 5% RND PEB W/IN & OVERLIES 50-75% GRADE	E SLOPE PONDEROSA AND ROTTEN TREES TALL GRASS
142E	B	15cm	MED GR BR.	MOIST, CLUMPY 5% RND PEBBLES WITHIN SOIL MED FINE	PONDEROSA PINE TALL GRASS SHRUBS
	C	25cm	LT YEL BR.	MOIST, CLUMPY MED FINE 20% LG RND ROCKS BDRY 30% GRADE	E SLOPE

L118N					
				STUART	
121E	B				
	C				
124E	C				
127E	C				
130E	B	15cm	MED GR BR W/PINKISH	DRY, LOOSE, FINE, 1% SM RND/ANG PEB. W/IN SOIL	E SLOPE, GRASS, DOUGLAS WILLOWS, ROSE
130E	C	25cm	MED RED BR.	DRY, LOOSE, FINE 1% SM RND/ANG PEB W/IN BDRY 30% GRADE	N 20m W OF ROAD
133E	C				
136E	C				
139E	C				
142E	B				
142E	C				

J. HOBART 10 SUNNY PG①

RAINBOW OPTION SEPT 25/84

ME CLAIM ... ?RAINBOW SOLO TIME: 1045 HRS

FROM ROAD TRAV. 50° OR 230° INGRAM? 210°?

180, U

Di1 DIORITE O.C LIKE SEEN NEAR 2ND LAKE C#2

GEN STRIKE 80° / 50° SW DIP

BROWN STAIN, MICA RICH, PHANERITIC, HORNBLENDE,

PLAGIOCLASE ... TENDING TOWARDS ANDESITE

TRAV. W. GEN TREND N 60° → 70° STR / 70° SW DIP SAME DOR.

ANIMAL TRAILS FOLLOW FENCE @ 100° OR 280° THEN 150° OR 330°

— STRONG JOINT IN DIORITE @ 190° SUBVERT

ROAD FOLLOWS N CREEK/GULLEY @ 170° OR 350° THEN VEERS

0° OR 180° & IS FLANKED BY TWO OLD LOG CABINS

ANOTHER ONEGE ROAD @ 85° OR 265° THEN CURVES 40°, 220°

↳ APPEARS TO FOLLOW CRK @ 40° OR 220° NO VIS O.C

INGRAM?

CONTIN W. ACROSS THE SMALL CREEK, NETTLES THISTLES, NO

VIS O.C. ALONG CRK,

25A O.C. OF MASSIVE MED BROWN GRAY, F.G. (APHANITIC) ANDESITE.

W PHENOCRYSTS OF HORNBL & OLIVINE (25A)

220° TREND → VISIBLE O.C FOR 15M

WOW, I TRAVERSED BACK TO ONEGE ROAD TO WHAT I

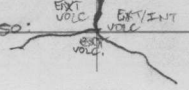
THOUGHT WAS INGRAM CRK, BUT IT APPEARS THAT THE SMALL

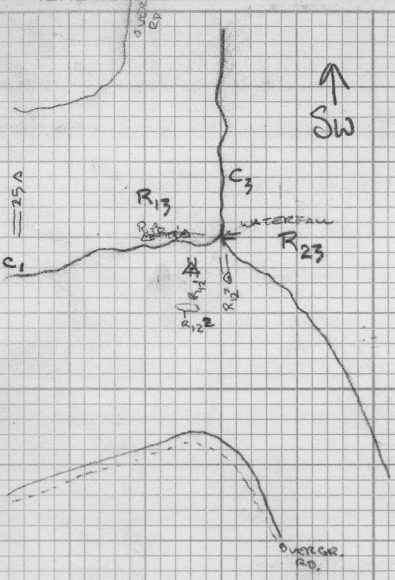
CREEK @ 170° HAS CANYONED INTO A VERY JAGGED, STEEP JCT WITH TURNED 95° OR 275°

ANOTHER CRK & CANYON TRENDING @ 10° OR 190°; THE

TWO JOIN TO GO @ 50° OR 230°, MY BOOK FACING THIS DIRECT.

∴ DIAG IS AS 50°.





SEPT 25/84

FOR THE OP DIAG I HAVE NAMED THE CREEKS C_1; C_2; C_3 & FOR THE TRIANGLES OF O.C. BETW. THE CREEKS : R_{13}; R_{12} R_{23}

R_{12}^1 : DK GREY TO BLK BASALT F.G.

R_{12}^2 : OLIVINE, PLAG 70% HBL/Bi ', GABBRO

R_{13}^1 ; WHITE STAINED, MOSS COVERED BASALT

CLEAVAGE INCONSISTENT JOINT 50 $\frac{1}{85°N}$

EXCAVATION BY ANIMALS,

R_{13}^2 DRIVEN GREEN OLIVINE BASALT

R_{23} - LATER...

RETURN TO OVERGROWN RD, BACK TO A25A CHECK ON R W GEN. HEADING TO FIND MORE 25A O.C 50 m AWAY, ANOTHER OVERGROWN ROAD ~40m N OF THIS 2ND SIGHTING OF 25A ; RB BEARING : @ 40° OR 220°, FOLLOWS C_3 ;

DOWN ROAD FOR 100m FOR O.C, BUT NO VIS, BOULDERS OF VOLCANIC & FRAGS OF SED. RX...

TROV BACK TO C_1; C_3 JCT R_{13} O.C

↳ ROCK O.C IS SAME AS R_{13} BUT LESS FRACTURED, VERY STEEP LOOKING DOWN → MUST BE BETTER WAY TO GET DOWN THAN BY CLIFF HANGING!

FOLLOWING O.C FIND IT STILL IS QUITE CLEAVED/FRACT MEET OVERGR RD @ 50° OR 230°, THEN THIS RD ENDS SUDDENLY & ANIMAL TRAIL CONTIN ; 25 m NW OF TRAIL IS DIORITE O.C APPEARING TO TREND 70° ____ THIS DIORITE IS SIM TO THAT SEEN @ BEGIN OF TRAV, BUT HAS LESS OF A BROWN STAIN

CALL THIS △ Di2 GENATT: 260 ∟ 50 NW JOINT 220 ∟ 70 SW

SLICK IS 170 PLNE ∟ 70 N 350 / STRIKE 275 ∟ 55 NW

THIS O.C N 15 m × 10 m, BUT MORE OF THE DIORITE AS I TRAV N TO CREEK C_3 ⇒ FIDDLEHEADS ALONG CRK TRAV NOW UP C_3 AS I TRAV TO CRK & ON OTHER SIDE THE DIORITE BECOMES DARKER & LARGER ORTHOCLASE FSP PHENO. (? PINK K-SPAR) & THE O.C IS MORE BLOCKY, EXTREMELY MASSIVE, LITTLE FRACTURE TAKEN PLACE CALL THIS △ Di3 200 ∟ 55 SW SOMEWHAT DISPLACED

— CONFUSION OF C_4 THE ROCK IS THIS MASSIVE Di3 (MORE ROUNDED) I SEE ANOTHER RD (OVERGROWN) 15 m NW & ABOVE C_4 & C_5 : FOLLOWS THE Di3 HAS EXTREME EXFOLIATION & WEATHERING ...

230 ∟ 55°S

THE RIDGE BETW. C_3 & C_4 IS FORMED BY THE ROUNDED & MASSIVE Di3.

I FOUND THE CONTACT OF DIORITE & DK MAFIC (COARSE) APHANITIC RX R_{13} R_{12} IS N 60 m ALONG Di3 RIDGE FR JCT OF C_4 & C_3

△ 25 B; 25 B² THE CONTACT IS VERY DISTINCT →D

J HOBART ~~86 4~~ 13 SEPT 25/84

IN ROCK CHARACTER :. THE DIOR IS STRONG & BLOCKY TO THEW OF 2D 60% MAFICS

THE FRACTURE APHANITIC BASALT

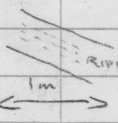
40° OR 220° GEN TREND OF CONTACT & QUITE VERTICAL

APHAN BASALT HAS INTERSECTING FRACTS, NO DEFIN CLEAN OR JOINTS,

HOWEVER THE DI HAS : 80° / 34 NW 280

& 130 / 30 OR SUBVERT. 310 → THIS FACE IS SLIGHTLY RIPPLE

ALONG STRIKE



FOLLOWING E ALONG TOP OF RIDGE & NOW HAVE LOST THE DI3 & THE AFH. RX ARE STRONGLY JOINTED @ 45° OR 225° @ 180°S / 45°

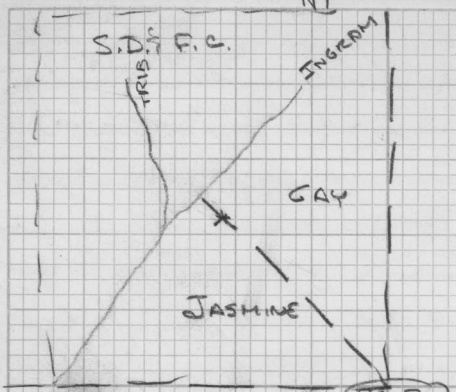
WHEN & CATCH DRIFT FR. 2 CREEKS FAR BELOW FLANKIN ME : STORED LIKE A GODDESS I CAN HEAR THE GOSSIP OF THE CREATURES OF C_3 SPEAK OF CREATURES OF C_4 & VICE VERSA, WATCH THE CRICKETS VYING FOR SPACE IN THE BIRDS IN THE TREETOPS BESIDE ME. SUN

NOW CONTIN E : R_{23}' IS LIGHT COL APHAN. RHY ? FRACT. HDR C_2 → TO E/NE AND BEGIN ZIG ZAG THRU TREES FOR O.C.

FLAG IN CRK : 3W0636 FOLLOW CRK 60m AND FENCE CROSSES CRK : CRK : 30° OR 210° GENZIGZAG OF CRK FENCE : 115° OR 295°

THEN NW OF CK FENCE GOES 160° OR 340°

WEAZLES & ROSEHIPS



2.6 ZAC : SEPT 25/84

MEET RD BEYOND & NEAR OLD CABINS

O.C. OF Di 1 10mE OF RD, THEN 10M N OF THE

Di 1 IS THE DK GRY GRN AFHANITIC 4250 0.618 5m²

J. HOBART 14

SEPT 25/84

ZIG ZAG:

MEETRD @ O.C OF Di1 10 mE OF RD, THEN 10 mN OF THE BOUNDARY NEAR OLD CABINS

Di1 IS THE DK GRY GRN AFHAN @ 25C SM O.C N 5m² → O.C 5m² BASALT

A25D IS 15m N & UPSL OF A25C LT COARSE, ORTH FSP & SULFIDES VIS, SMALL O.C N 2m² DIORITE

→ xD ANOTHER BUT MORE FRESH RD IS THIS OUR RD? 10mSE IS O.C OF Di1 (EXTENSIVE).

A25E IS ON A BENCH APPROX 100mE OF OUR RD ⇒ TRENDING 20° OR 200° → DK DIORITE MANDESITE

ATT STRIKE IS SUB PAR @ 10° OR 190°

A25F AMYDYLOIDAL BASALT? TO OLIVE GR W 1% MAFIC CLASTS NO SAMPLE

THROUGH REST OF GEOLOGIZING (ZIG ZAGGING)

I FOUND NO O.C. OR LITTLE OF THE Di1

UNFORT. I COULD NOT PLOT ON PHOTO FOR PENCIL DOES NOT SHOW ON XEROX NO KYLA

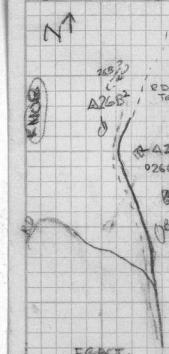
SHOULD HAVE RED? + NEED AN AIR PHOTO TO WEST OF THE TWO I WAS USING

∴ TO STEREO WITH THRUOUT MAPPING...

IGNORE 'X' THE - A MISTAKE

J. HOBART

DOUGHILL, ANNEX CLAIMS SEPT 26/84 P6.1



ΔA26A' is 10m SE of RD IN GULLY
RED GR, MED GRN GRY BASALT, MAGNETIC 1½ STRENGTH
& CALCAREOUS W CALCITE VEINS ½, STRINGERS
GEN JOINTING: 70 OR 250 / 30 NW AVG PERP. OF FSP.
B:S: 5% <3mm

FOLLOW RD ALONG O.C'S N/NW

+40m ΔA26A² SIM RAS AS ΔA26A' BUT P FSP WHITER & ROUNDER, SAME M.G., APPEARS BRIGHTER BECUZ OF FSP... PLAG. ANDESITE
NO O.C. BUT FLOAT OF BAS. UNTIL ROAD IN HYDRO TREES

+200m O.C (10m x 1m) ΔA26B² VERY (BLUE) DK, APHANITIC Bi 2%, HBL; RICH AMYGDULE?
JOINTS: 170° OR 350° / 20 SW
20° OR 200° / 70 NW
FRACT. BASALT CALC.

O.C (10m x 1m) ΔA26B¹ LESS FRACT THAN 26B² & A SHADE LIGHTER, SAME Bi THOUGH N 2% DISPLACED QUARTZ.
W GEN BLK CALC FRACT BASALT

FRACT.
O.C. 15m²: ΔA26B³ OF MORE SAME APHANITIC TEXT; 2% Bi BUT W PRINT BLUISH → BASALT
RND PATCHES N 8mm x 4mm; W LESS FSP & QTZ & MORE OLIVIN → OLIVINE

SAME O.C PART OF THIS 15m² } LYING ABOVE? ΔA26C IS A MED GR, MED COL. GRN-GRY 1% Bi, MEDIUM? 20% PLG, 10% HB PORPHYRY

THE GOUGE IS N 175m WIDE, ΔA26B³ & ΔA26C O.C. IS 40m HORIZ, 15m VERT
SLOPE N 35°
UPSLOPE I SEE A KNOLL — ON RETURN TRIP I'LL CHECK THAT CONTOUR AT PRESENT I'M SIDEHILLING BELOW FRED'S RIDGE ON THE OTHER SIDE.

ΔA26A³ IS SIM MOSTLY TO ΔA26A' BUT FOR Bi HERE IS N 10% & FRESH
O.C. N 4m x 15m HAS A YELOWISH TINGE & MORE MASSIVE THAN SEEN SINCE ΔA26A'. ANDESITE.

FENCE N 45m N OF ΔA26A³ BEARING IS: 75° OR 255°

ΔA26B⁴ IS SM O.C N 1m² FRACT: RK IS DK, APHAN, W 1% Bi & NEEDLES OF FSP GENERIC BASALT
N 20m N OF FENCE ALONG SLOPE, MORE O.C. OF SAME TRAV. N

ΔA26D + 5m NW OF 26B⁴ IS LT OLIVE GR MED GR, SANDY, VERY CALC O.C. OF SANDSTONE
O.C N 10m LONG; 4m WIDE BEDDING BI N 10% JOINTS: GEN @ 10° & 190° / 30 N (SUB VERT)

+ 35m ALONG SLOPE N IS EXTENSIVE BASALT FLOAT, APP. AREA IS
↔ 20m x 50m ↕ — FOLLOW UPSLOPE BEARING: 40° OR 220°
TO TOP OF HILL; KNOB OF BLOCKY FRACT O.C. N 20m² THEN CONTIN. ALL WAY NE UP HILL — ENTIRE PEAK MAKE-UP...

FRED ACROSS GOUGE @ SAME FLAT BEARING IS: 75° OR 255° COLD, DAMP

ΔA26E' IS TOT DIFF FR. ANYTHING SEEN PREVIOUS... MASSIVE DK PURPLE GRN/GRY; CALCAREOUS - MED GR, MATRIX WITH HBL LATHS OF UP TO 8mm LONG HBL/GRN: 40% DYKE? PORPHYRY

MOVING N/NE ALONG THIS LOMP RIDGE GET A GEN TREND OF NE BEARING: 20° OR 200° W SLIGHT VARIATIONS ON RUN OF 5 GOOD 270° / 60° SW

FOLLOW TO END OF THE RIDGE... ΔA26E² } MAINLY FOUND IN FISTS OF O.C ON VERY LITTLE BAND O.C. ON WESTSIDE OF RIDGE ΔA26E³ } THE EAST SIDE OF THIS RIDGE
ΔA26E⁴ AND ARE ALL VARIATIONS OF THE ΔA26E'

ΔA26E⁴ SOMEWHAT DIFFERENT THAN OTHERS
BECAUSE OF THE LOWER % OF HBL LATHS N 15% & LARGER FSP XTALS...

DOWN TO THE TREES W OF NEENO OF RIDGE

W 80m DOWN ΔA26F' O.C N 15m ALONG 8m WIDE, FRACT. DISP., IS MED GRY GRN W PURP TINGE, F.G. W 1% Bi & JOINT: 125° OR 305° / 80 NW O.C. CARBONATES ON FOR N 40m 20m INBEDDED... ALONG SLOPE ANDESITIC TO PORPHYRY

O.C 15m² ΔA26G' IS N 80m ALONG SL FR A26F' IRON OXIDE STAINED Di 1 (?) OF TEXT W FSP HBL PORPHYRITIC NATURE (?) ANDESITE

ΔA26G² IS O.C THAT MAKES KNOB 20m E OF G' MORE PLG FSP.

E^2 PURP OLIVE GR 40% HB PORPHYRY 20% PLG FSP

E^3 BROWN OLIVE GR 60% HB PORPH 10% PLG FSP

E^4 OLIVE GRN 35% HB PORPH. 20% PL FSP

J HODART PG 2 16 SEPT 26/84

△H26H' @ NEAR END OF KNOLL = ~~DF1~~ APHANITIC MED GRN HBL 20% PLG 1% PORPH.

△H26H² DOWNSL OF KNOLL UW N 40 M FR H' M.G. HBL 40% PORPH

△H26H³ SLGHTLY DWNSL OF △26H' M.G 20% HBL 5% PLG PORPH.
NW
ALMOST @ END OF BOUNDARY - ENDS @ KNOLL

△H26I' PURPLE & CHLORITE ALT^N ANDESITE

△H26J' MED PURPLE NOVUS CHLORITE - STILL ANDES.
INTRUSIVE W 15% PLG PHENOS BUT MORE PORPHYRITIC

△H26J² F.G. TAN W PINK KSPAR PHENO PINK: 40% EYES (<5mm)

△H26J³ DK PURP. W IRON OXIDE 25% & OLIVINE 10% PORPH

△H26J⁴ @ TOP MOST KNOLL AFHAN 20% PLG, 5% Bi PORPH. - ANDESITIC

△26K' DK GRN BRN APH. 10% PLG, 5% Bi PORPH MANG STAIN?

△26K² VERY OXIDIZED PORPH SIM TO K'

△26L' FLAT & OPEN, MOSS COVERED ANDESITE? MED DK GRN GREY
Bi 40%
PLG 40%
HBL 40%

△26m' DK GRN BLK, 10% Bi PLG NEEDLES 30% PORPH. HBL 40%

FENCE @ 90° OR 270° RD @ 170° OR 350°

J. HOBART

SEPT 27/84

DOWNHILL; HAWK; ANNEX CLAIMS

CONTIN. OF YESTERDAYS GEOLOGY

GROUSE
TAMARAC
COLD
WINDFALL

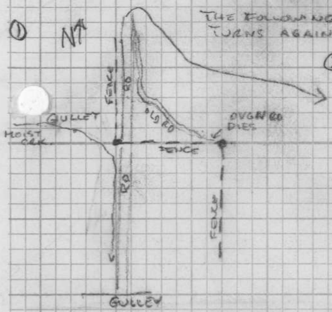
BEGIN FR NE END OF LOWER N/NE TRENDING RIDGE @ △H26m'
THEN CONTIN E TO 2 OVERGROWN ROADS @ 170° OR 350° SLIGHT ZIGZAG
FOLLOW RD TO CHECK O.C. NONE : PROGRESS 170° – THRU WIDE GULLEY
TRENDING @ 85° OR 265°

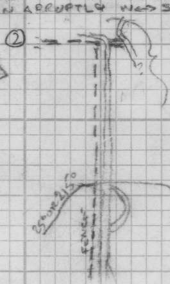
APPROX 100m N ALONG RD IS FENCE JCT @ LEFT OR WEST SIDE OF RD

① @ N<->S, ① @ W<->E
0 180, 90 270

THE FOLLOWING E ON W<->E FENCE ~ 60m IS END & TURNS AGAIN ABRUPTLY N<->S.

① N

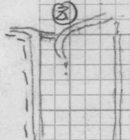




FOLLOW RD, NO O.C.
FENCE VEERS @ 90° OR 270

CONTIN RD

③



CAN SEE TOP MOST FENCE @ ~ 300m UP SLOPE @ W<->E TREND

△H27A FOLLOW DUE 'E' ACROSS S/SE GULLEY & TO SLOPE W O.C FRACT & JNTD OF MED BR GRN ANDESITIC TEXT ! △H27A' 95 —|40SW— 275 & 95 —|75SW— 275
↳ O.C ~ 15m x 3m
N↕S W<->E

OLD CABIN & COWS & BULLS - BULLS ARE STARING @ ME...

TO AVOID A CONFRONTATION, I HEAD E TO 2ND RD & TAKE LONG ROUTE -

<->10 ↕2
10x2m

△27B' PINK (PINKSTAIN?), F.G, W MUCH PINK KSPAR (~45%) O.C ~ 10m x 2m VIS.
↳ PORPH

BLUE FLAGGING GEN BEARING: N↕S

O.C ALONG RD N<->S RD

△27C' SEDIMENTS MED GREY GREEN GEN TREND IS N<->S QUITE FRACT E DIP ~ SUB HORIZ
SANDST & SILTS

POND ↳ NEDGE @ 60° FR THIS △27C'

△27D DIRECTLY E (& UPSL 10m) OF THE SED'S IS O.C WHICH FRINGES KNOLL TOP... O.C GEN ↕
(FRACT) FG, DK GREY BR GRN, W Bi ~ 2% & OLIVINE XTALS BASALT 2m THICK

5m E UPSL OF RD IS PINK KSPAR △27B'

SNDST & SST DISPLACED IN SMALL O.C'S ALONG RD (& DWNSL ON RD...) ~ 1m THIC 5m LONG.

CUT ALONG WHERE BOUNDARY (N<->S) SHOULD CUT THRU WIDE FIELD & UP SLOPE W OF FIELD, FOUND OVERGROWN RD HEADING SW, FOLLOWED & CAME TO FENCES W<->E & N↕S FOLLOW FENCES : GULLEY W<->E ~ 30m S of FENCE JCT

THEN ~ 100m S ALONG FENCE IS ANOTHER JCT WHERE THE N<->S FENCE CONTIN & A ~~EAST~~ ONE BEGINS & TRAVELS ~ 100m BEFORE TURNING S

J. HOBART 18 (2) SE 27/84

△27D' is SIM to 20M DK GRN BLK F.G OLIVINE RICH ? SULFIDES NICKEL CASE

THIS O.C. N 15m²

USING THE NEW FENCE AS TIE IN: △27E' IS LT→MED OLIVE GR → IRON OX. STAIN .. WHITE FSP, HBL Bi → N 25 W OF FENCE BLOCKY & N 10 MTED → ACICULAR ...

△27G WHAT COMPRISES RIDGE IS AN INTRUSIVE ANDESITIC DYKE ? OR SYENITE ? GEN TREND IS 20° OR 200°, SOME JNTNG → APPROX 100m LONG, 45m WIDE

25° 50° NW 215°

RETURN TO W → E FENCE & ROXING ...

216→AG TO O.C.S

△27F' AFFANITIC BLK SED.

△27G IS LT GREY GRN F.G SILSTONE

△27H IS MIX OF SED F.G & MED GR. SILTS/SED?

△27I RIDGE LT→MED SANDSTONE.

△27J OLIVE GRN MED GR ANDESITE

→ BEGINS NC → S FORMING RIDGE @ 3MS OF W→E FENCE

△27K' IS 20M E OF Rd. GRN LT GREEN MED GR, MASSIVE O.C 15m long 2m wide S/W TREND ANDES.

35m S OF FENCE & N 80m W of Rd IS STRENDING O.C of K' BLOCKY FRACT.

△27D² IS SIM TO D' _ THIS O.C. EXTENDS 15M x 10M @ this location FRACT. (VERY) TREND IS S/SW SLIGHTLY LIGHTER GRN

△27L' IS SED, DK GRY/BLK, NO DISTINCT BEDDING UNDERLIES STRATIC ? ONLY SMALL O.C. N .5M W OF O.C, 3M LONG → SST

PROGRESS SW, MORE K'

△27m' MED GREY, MED GR. INTRUSIVE; ANDESITE

NOTE: K' & M' ARE SIM.

AGAIN O.C OF △27D' .. CALLED 27D³

MORE K AS I PROGRESS S/SW 216/AG FOR O.C. N 5m²

△27K² IS SIM TO K' .. O.C. ~ 15m x 4m; SITU. 110m W of BARE (SPARSE) SECT BETW 2 LG CLUMPS OF TREES THAT TREND SE & ROAD FOLLOWS ON E SIDE OF THEM (ANDESITE)

FRACT △27N' LG BRIGHT OLIVINE COL MED-GR. LIES GRDG. DOWN & S OF △27K² O.C MAKES KNOB OF 10m² PORPH HBL 20% PLG 30%

△27P' O.C. IS FRACT, SIT N/NW OF BEND IN ROAD BETWEEN TREE CLUMPS MED GR. OLIVE GR & NEEDLES OF PLG. PORPH

△27R' O.C IS NW 15M OF △27P' BROWN → DK OLIVE GR F→MD GR MASSIVE O.C. JOINT: 20° 54 SW 200 CARBO?

FRACT: 165° SUGVERT. 345°

4m SW of △27R' MORE OF SAME BUT GREENER...

More P' ABOVE (N) OF MOST NORTHERLY OF CLUMPS OF TREES

IRON ABOVE THE TREES E MEET RD WINDING FR FIELD TO TREES. O.C. OF ROCK SIM TO △27E' BUT IS LIGHTER GREEN - O.C CROSSED BY ROAD, FLAT LYING & EXTENSIVE N 20m² IN Calling this △27E² (BI 20% PLG 40% PORPH ?

NOTE: NO O.C.'S USED

NEVILLE

1C1 J. HOBART SEPT 27/84

△27E³

FOLLOW RD E TO O.C ON N SIDE OF RD SAME AE² BLOCKY FRACT. THIS ROCK SET'S ANOTHER HEADING NE→S, O.C BETW. JCT IS DK OLIVE GR W HBL NEEDLES 15-20% HBL PL. ESP N 10°W CLEAVAGE. THIS △27E³ BECAUSE IT IS DARK THAN E¹ & MUCH DKR THAN E² PORPH

BUT IT IS ON THE SAME TREND & LOOK AS THE E¹ O.C'S FIRST SEEN.

VARIATIONS OF E¹ & E³ SEEN S ALONG RD.

RD PARALLELS FENCE & I'VE COME TO THE SECOND END OF MY SEC" ∴ TRAV. UPSLOPE TO TOP OF HILL AE² IS SEEN. WALK UP OF HILL TOP & SW TREND O.C'S

& SEE

AS TRAV. S/SW DOWNSLOPE OF THESE O.C.'S, ALL O.C. SEEN IS SAME AE² SW TREND

△ 20m E OF TREES IS △E² → THE LIGHT COL. VERSION OF E¹,³
O.C. IS BLOCKY FRACT & N 15m long 3m wide (+thick)

A 4275' CONTIN W ACROSS BARREN, BRUGE GREYS COVERED SLOPES & GULLEYS TO A JUT OF DIORITIC PORPHYRY & IRON OXIDE IN FRESH SURF O.C. TEND'S S/SW & 15% BI, MASSIVE & N 20m x 10m. (MURRAY'S GULCH EAST TRIB

CONTIN W ACROSS MURRAY'S GULCH

→ WHOLY SHIT! NOT MURRAY'S GULCH BUT

SPLIT KIT PANTS SCRAPING DOWN THE O.C'S FEET TRIPPING

BROWN BEARS!
WOW! WHAT A CONFRONTATION! WE WERE 15m APART & STARING AT EACH OTHER BEFORE WE SIMULTANEOUSLY F/D OFF, HEISE, HEISW!

J HOBART   Happy Birthday Mum!   SO I ASKED FRED 20 SEPT 28/84
IF IT WOULD BE
ROUGH GOING - HE
ASSURED ME NO PROBLEM ...

CLIFF!? THIS IS A MAJOR PROBLEM!?
AT THE VERY STARTING POINT & AM AT
THE TOP OF A JAGGED CLIFF - THIS CLIFF
RIMS FOR A LONG DIST. N/NW <-> S/SE
(1) BULL!

Δ[H] 28A' IS CLIFF OF MED GR MATRIX, MED OLIVE BRN OLIVINE 25%, HBL 5%, Bi 10%,
PHENO: 30% PLG. PORPHYRY (ANDESITE)
VERY SLIGHTLY COLC.
FRACT, NO DISTINCTIVE JOINTING

DWN CLIFF'S ALONG NWS BOUNDARY LINE: VERT DROP OF 10 m IS Δ28B'
* INACCESSIBLE IN THE CLIFF BELOW IS OBVIOUSLY SEDS... CANNOT GET AT IT.

Δ28B' IS F.G. MATRIX, MED OLIVE GRN, W NEEDLES OF FSP 15%
OXID BLOBS, Bi 3%, NO
VIS. HBL
HAS MORE DISTINCTIVE JOINTING @ 35° —|35NW— 215°
THIS O.C. ? LONG & ~ 1.5 m THICK
FLANKED TOP & BOT BY Δ28A'

CONTIN'S ALONG BOUNDARY LINE; AVOID CLIFF FACE CLIMBING,
WOW! VIPER RATTLE SNAKE! NOT ANOTHER ENCOUNTER!
Δ28C' DI PORPH? PHENOS OF PL FSP ~ 40%, 40% DK'S WEATH (IRONOXID)
10% Bi 1.5 MAGNETIC
O.C. MAKES UP SMALL KNOB & CLIFF
25 m DWN & S OF Δ28A'

CONTIN E/NE ALONG CLIFF TOP IS MORE O.C Δ28C' TRENDING AS
ALL O.C'S ARE SW;

Δ28D' F.G (APHAN) MED PURP. GRY MATRIX W 30% OLIVINE XTALS (BLOBS)
IRON OXID. PL: NO VIS, PORPH
20 m NE/SW
15 m * O.C. IS DOWN CLIFF & E ~ 30 m FR Δ28C'
EXTREMELY CRUMBLY D' DOWNCLIFF & SE
SEV. ROCK SLIDES CROSS BOUNDARY LINE
NOW I'VE GOT HAWKS CIRCLING ME!
PROG. DOWNCLIFF & S/SE TO CHECK FOR OTHER FLOW TYPES, BUT
O.C. PREDOMIN Δ28D'

Δ28D² SOMETIMES W IN THE 28D' THERE IS REDDER PURP W LARGE
LATHS OF PLG FSP ~ 15% - CALLED THIS D² PORPH
216 ZAG
Δ28A' IS O.C COMPRISES SEV. KNOLLS AS I TRAV DUE W.
* THE MOST MASSIVE CLIFFS (THE MOST SOUTHERLY CLIFFS
ENDING ON A GENERAL NW/SE TREND ARE OF Δ28D'
SMALLER O.C'S ARE OF Δ A'
(1) OR (2) PIECES OF SED. FLOAT ∴ SOMETHING TO CHECK OUT.
YES! ABOVE & IN A RAVINE ~ 3-5 m WIDE BETW. 2 RIDGES OF
Δ A' & D'&2 ARE THE SED'S. FOLLOW UP N/NE:
@ BOTTOM (S) END OF THE VIS. SED IN CLIFF:
Δ28 E' IS WALLROCK & ATTACHED: DK PURP W LG LATHS OF PL. PORPH
Δ28 E²: IS PURP. RED SANDST. ~ .5 .75 m WIDE
E³: IS GREY GREEN SNST. ~ 1.25 -> 1.5 m WIDE

BED: 30 —|60SW— 210 } JNT: 115 —|60NW— 295

21 J. HOBART (BS 2)

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FOLLOW N/NW THRU GULLEY THE SEDS ARE THICKER, LESS RED & MORE DK GREEN W/ A 10-15cm WIDE PALE GREEN SST. FLANKED (TOP & BOT BY): → MED GR RED MED GR & DK GRN F.G (RESP)

Δ F^1 DK GRN
Δ F^2 PALE GRN SST

MAX VIS THICKNESS OR STRATIFIED ENTIRETY IS: 2m

N/NW ARD IN GULLEY & TALUS N 25m S OF TOP CLIFF, THE SEDS ARE GEN. RED. 25 ——— 205 40 NW RIGHT ACROSS GULLEY

TOP:, Di 25 MASS-BLOCK JNTD FRIABLE SST

GAB: FRACT, CRUMBLY

PALE GRN 10U 70SE 280

DK GREEN GAB?

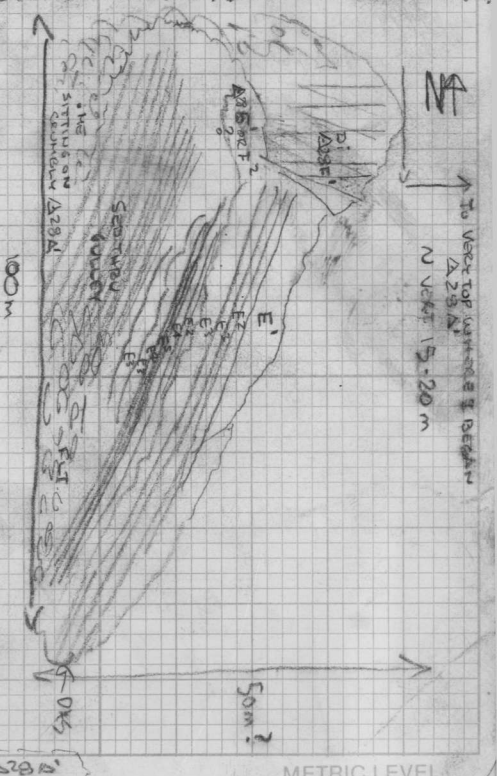
E

TOT VIS. WIDTH : 10-15 m

TOT VIS LENGTH : 150m

Δ 28 F^1 ?
Δ 28 F^2 } SAME LOCN F^1 DI F^2 GAB.

SED. SEEN APPEARS TO STRAT. OVERLIE A Δ 28 A' CRUMBLY GRAIN.



As Prog. O.C. of same A' Andestine

2 Deer ! ~~Hot~~ & Thistles Burn