MARGARET MYMYNSON

MM

CHURN 1987 FIELD NOTES M 580

840736

DATE	PROJECT	TRAV #	NTS #	CLAIM	LOCATION	SAMPLE #
01-May-87	—	—	—	OFFICE	—	—
02-May-87						
03-May-87						
04-May-87	M577	—	92J-15	WAYSIDE	WAYSIDE / TRAVEL	—
05-May-87	577	—	"		WAYSIDE	—
06-May-87	577	—	"		WAYSIDE	—
07-May-87	577	1	"		WAYSIDE	87-MM-1
08-May-87	577	2	"		WAYSIDE	87-MM-2, 3, 4
09-May-87	577	—	92J-15		WAYSIDE	—
10-May-87	577	3	"		WAYSIDE	87-MM-5, 6
11-May-87	577	—	92J15		WAYSIDE }	—
12-May-87	577	—	"		WAYSIDE } TOUR WITH L.D.	—
13-May-87	577	—	"		WAYSIDE }	—
14-May-87	577	4	"		WAYSIDE	87-MM-7-13
15-May-87	577	—	"		WAYSIDE	—
16-May-87	577	5	"		WAYSIDE	87-MM-14 15, 16, 17
17-May-87	577	6	92J15		WAYSIDE	87-MM-18, 19, 20, 21
18-May-87	577	—	"		WAYSIDE	—
19-May-87	577	7	92J15		WAYSIDE	87-MM-22, 23, 24
20-May-87	579	—	—		TRAVEL TO VANCOUVER	—
21-May-87	579	—	92H08		TRAVEL TO [illegible]	—
22-May-87	579	8			SCOTT ROAD ACCESS	—
23-May-87	579	9		BROWN 1, 3	SURVEY [illegible]	—
24-May-87	579	10		SCOTT 2	MAPPING [illegible]	—
25-May-87	579	11	"	BROWN 1, 2	MAPPING? SURVEY 16 MM [illegible]	MM-75-25, 26 27
26-May-87	579	12	92H08	SOUTH END	TOUR WITH L.A.D.	—
27-May-87	579	13	92H08	NORTH END	"	—
28-May-87	579	14	92H08	BROWN 2	MAPPING S, SW OF "NEW" ROAD	MM-75-28-32
29-May-87	579	15	"	BROWN 2, 3	MAPPING B.C. [illegible]	MM-75-33-35
30-May-87	579	16	92H08	CAMSELL 3	SAMPLING WITH S.M.	—
31-May-87	579	17	92H08	SOUTH END	FIX FLAT TIRE - PICK UP VEHICLE	—
01-Jun-87	[illegible]	—	—	—	DRIVE TO CHUCK CREEK	—
02-Jun-87	[illegible]	—	92O/6?	—	DRIVE INTO CHUCK CAMP	—
03-Jun-87	[illegible]	—	92O/6?	—	CAMP SET-UP	—
04-Jun-87	[illegible]	18	92O/7	QUEEN 4 / VI	MAP ALONG ACCESS ROAD	—
05-Jun-87	[illegible]	19	92O/8	MINT 3	MAPPING S OF [illegible]	MM-7C-36-41
06-Jun-87	580	20	92O/8	PEARL	MAPPING WITH JB + TZ ON [illegible] TRAIL	MM7C-42 to 45
07-Jun-87	580	21	92O/8	MINT 2, 3	MAPPING SKINNY RIDGE	MM7C-46 to 49
08-Jun-87	580	22	92O/7+8	QUEEN II, MINT II, MINT I	MAPPING CREEK IN AREA OF T27C-6	MM7C-50 to 52
09-Jun-87	580	23	92O/7	[illegible] BORDEN II [illegible]	[illegible] MAP IN ALONG [illegible] CREEK	MM7C-53, 54
10-Jun-87	580	24	92O/7	SCOTT [illegible]	MAP BORDEN CK + GULLY'S [illegible]	MM7C-55 to 58
11-Jun-87	580	[illegible]	[illegible]	—	TOUR BUCKLOOT AREA	—
12-Jun-87	580	26	92O/7	MINT [illegible]	MAPPING [illegible]	MM7C-59, 60
13-Jun-87	580	27	92O/8	MINT 2	MAPPING CK CONTAINING T27C-5	MM7C-61 to 63
14-Jun-87	580	28	92O/8	MINT 2, 3	MAPPING [illegible] 6468	MM7C-64 to 67
15-Jun-87	580	29	92O/8	PEARL	MAPPING [illegible] 6431	MM7C-69 to 73
16-Jun-87	580	30	92O/8	PEARL	MAP [illegible] 14066	MM7C-74 to 78
17-Jun-87	580	31	92O/8	MINT 2	MAP [illegible] [illegible] 6469]	MM7C-91 to 92
18-Jun-87	580	32	92O/7	KING 3, [illegible]	[illegible]	[illegible]
19-Jun-87	580	33	92O/7	QUEEN 4, ACCESS	[illegible]	[illegible]
20-Jun-87	580	34	92O/7+8	ALL AREA	TOUR [illegible]	—
21-Jun-87	580	35	92O/7	KING VI	MAP N OF BORDEN CREEK	MM7C-98, 99
22-Jun-87	580	36	92O/7	QUEEN 4	MAP S OF [illegible]	MM7C 90

MM

DATE	PROJECT	TRAV #	NTS #	CLAIM	LOCATION	SAMPLE #
23-Jun-87	M5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24-Jun-87	M5[illegible]	38	[illegible]	[illegible]	[illegible]	[illegible]
25-Jun-87	M5[illegible]	39	[illegible]	[illegible]	[illegible]	[illegible]
26-Jun-87						
27-Jun-87						
28-Jun-87						
29-Jun-87						
30-Jun-87						
01-Jul-87						
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11-Aug-87						
12-Aug-87						
13-Aug-87						
14-Aug-87						

THURSDAY, JUNE 4, 1987

- MAPPING FROM LAKE ACCESS ROAD.
- SM SAMPLES.

- SURVEY ROAD TO FRANK'S PLACE, T-FROM T-JUNCTION ~ 3Km FROM LAKE ACCESS ROAD.
- HEADING ~ SOUTH.

FROM	TO	BEAR.	
0m	44m	151°	✓
44	178	178°	✓
178	235	198°	✓
235	291	172°	✓
291	329	160°	✓
329	407	198°	✓
407	472	201°	✓
472	589m	204°	✓
AT 540m, ANOTHER ROAD BEARS 054°			✓
589	683	170°	✓
683	759	178°	✓
759	801	198°	✓
801	875	219°	✓
875	991	180°	✓

FROM	TO	BEARING	
991	1062	207°	✓
1062	1094	217°	✓
1094	1164	197°	✓
1164	1237	175°	✓
1237	1343	156°	✓
AT 1343m, AM AT SIGNPOST FOR FRANK MEYERS FARM CONTINUE S			
1343m	1554m	191°	✓
-AT 1489m, CROSS CREEK			
1554	1691	162°	✓
1691	1762	156°	✓
1762	1896	181°	✓
1896	2112	177°	✓
2112	2208	142°	✓
2208	2355	169°	

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER ○

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

ATTITUDES (100/40 N)

BCL 6662d-CSM

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED .....

LEGEND

= LAKE



Project M580 | NTS 920/8 | Scale 1:15,480 (cm) | Page 1 of 1 | Traverse 19

Sampler MM | Location, Target (words) MAP SOUTH OF 6468' (PROPERTY HIGHPOINT) | Sample Nos MM7C-36 to 41

Date JUNE 5, 1987 | photo no. BC7586-0179 | Cert. Nos

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M580	NTS 920/8	Scale 1:10,000	Page 1 of 1	Traverse 19
Sampler MM	Location, Target (words) BLOW UP OF BC7586-0179		Sample Nos MM7C-36 to 41	
Date JUNE 5	photo no.		Cert. Nos	

BC16662a-CSM

ATTITUDES (~100/40 N)

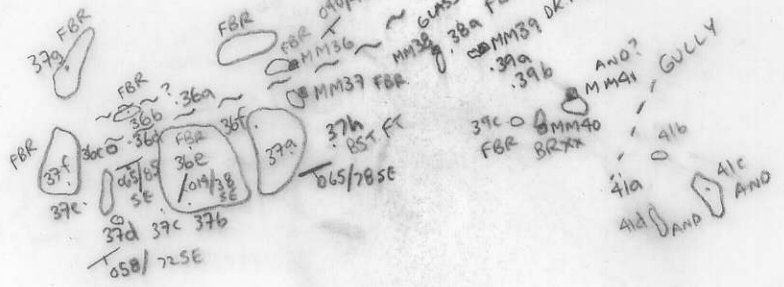
SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | SHALE | CHERT | INTRUSIVE | LIMESTONE DOLOMITE | GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER ○

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED- - - ASSUMED.....

N



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project	NTS	Scale	Page of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	

BCL 6662 o — CSM

WSC — 02

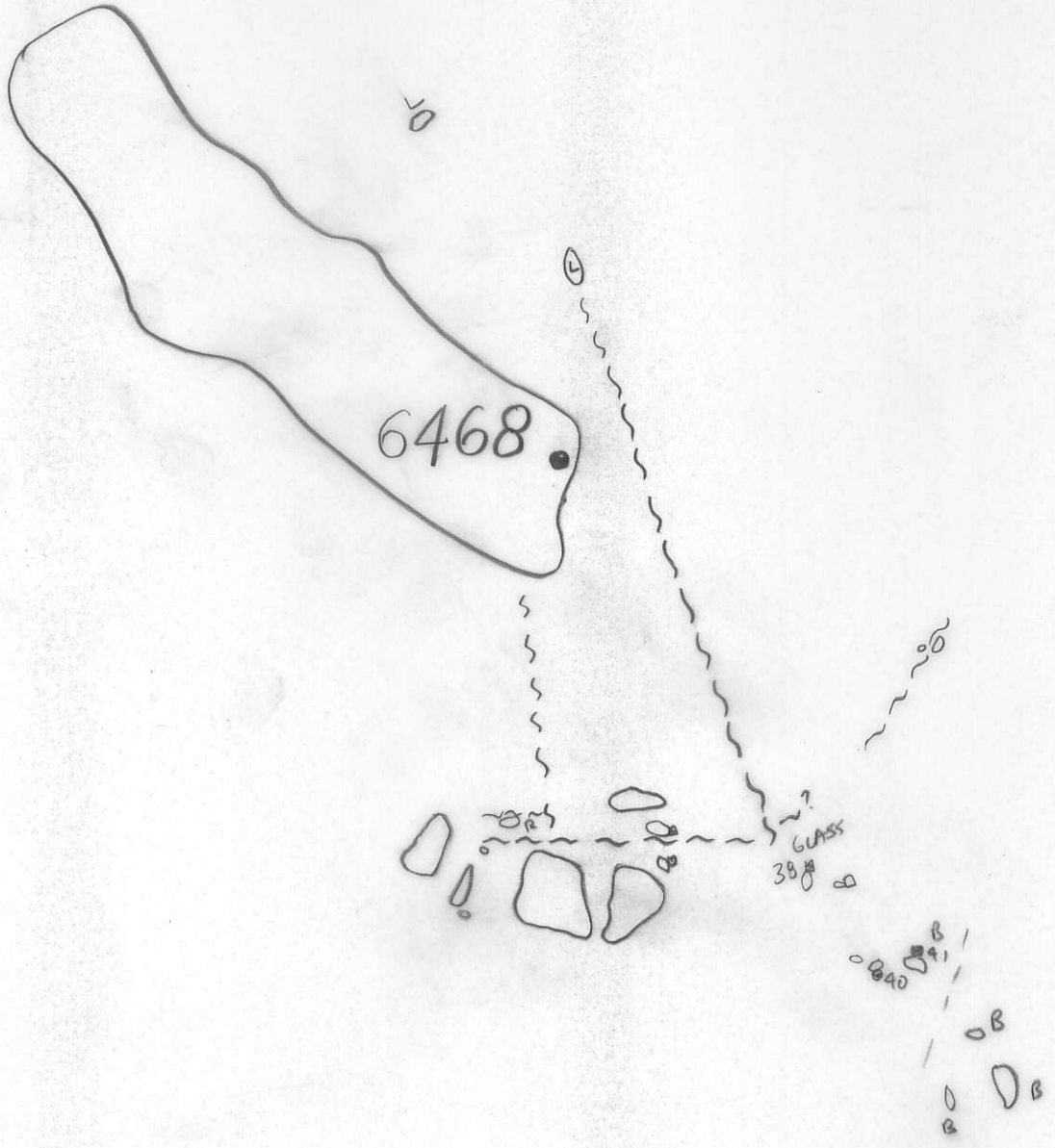
ATTITUDES (~100/40 N)

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED .....



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

072°/5cm

FRIDAY, JUNE 5, 1987

M580

- MAPPING FROM PROPERTY HIGHPOINT (6468').

MM7C-36

- PALE PINKY-GREY TO PURPLE FLOW-BANDED RHYOLITE. WEATHERS PURPLEY-BROWN TO PALE ORANGEY-BROWN.
- INDIVIDUAL FLOW BANDS 0.5mm TO 2cm APART, OF COLOURLESS SILICA(?) OR PALE GREY-PINK CHALCEDONY?
- NO Qz VEINING. FLOW BANDING AT TIMES IRREGULAR, SO RHYOLITE LENSES IN/OUT
- AM ON N. SIDE OF PROMINENT GULLEY. %C OCCURS IN PODS UP TO 5m × 5m; MAINLY ON N. SIDE OF GULLEY
- FLOW BANDING: 040/48 SE (FAIR)
- RARE 1-2mm Qz EYES - COLOURLESS

36a - OPEN AREA N OF SNOW GULLY HAS LOTS OF FLOAT COBBLES. DOMINANTLY PINK-GREY FLOW-BANDED RHYOLITE, AS WELL AS DARK GRN-BLACK OLIVINE

	580	JUNE 5/07		
36a -	BASAUT.	OLIVENE	BLEBS (AMYGDULES) UP	
	TO 3mm LONG.	ALL FLOAT SA/SR.		
36b -	MINOR	GULLY ~ 30m	N OF SNOW	
	GULLY. MINIMAL O/C ALONG S. BANK, AS			
	~ 3m WIDE, 30m LONG OF			
	PINK-BROWN / PURP-BROWN FLOW BANDED			
	RHYOLITE. SLIGHTLY MORE @ 2 EYES			
	THAN AT MM 36.			
36c.	ON S. SIDE OF	SNOW GULLY. STILL IN		
	PINK - PURPLE/BROWN	FLOW BANDED RHYOLITE		
	- ANGLE OF FLOW BANDING HAS STEEPENED			
	- A.T.P. FLOW BANDING: 065/85 SE			(FAIR)
36d:	CLAIM	POST - TAGS ON N. SIDE.		
	# 382302 M.	INITIAL POST #1		
	382303 M			
	CAMB. #9, #10			
	AUG. 16/73			
FOR:	WILLIAM DICK			
#9:	1500'	NORTH (336°) TO # 2 POST		
	1500'	TO LEFT		
#10:	1500'	N (336°) TO # 2 POST		
	1500'	TO RIGHT		

580 JUNES/07

36e - SMALL NOB (HEIGHT OF LAND LOCALLY) OF PINK-BROWN F.B'd RHYOLITE
- ORIENTATION CHANGED AGAIN TO: 014/38 SE (GOOD)
- 5m EAST OF ABOVE MEASUREMENT, FLOW-BANDING IS 044/37 SE (GOOD)
- FLAT NOB O/C EXTENDS W DOWN INTO SMALL SADDLE. ~ 75m x 75m

36f - HEADING EAST, TOPO DIPS SLIGHTLY, THEN ONTO NOB SLIGHTLY HIGHER THAN 36e. SAME IN FLOW-BANDED RHYOLITE, V. SIMILAR TO WHAT I'VE BEEN SEEING.
H.S. 36f.
- ALSO V. RARE, SR FLOAT OF DARK GREY-BLACK F.Grd to MASSIVE BASALT OR ANDESITE - NO OLIVINE. MODERATELY MAGNETIC.

37 - ~ 30m S OF MM7C-36, ON OTHER SIDE OF GULLY. FLOW-BANDED RHYOLITE WITH OCCASIONAL OPEN SPACE FILLINGS OF CHALCEDONIC QZ, UP TO 3 CM WIDE. DRUSY TO

37 - BOTRYOIDAL TEXTURES. DARK BROWN WEATHERING, BUT RHYOLITE LOOKS BLEACHED UNDERNEATH. RHYOLITE IS PINK-PURPLE, WITH CLOSELY SPACED, COLOURLESS TO PALE PINK FLOW BANDS.
- NUMEROUS 5-10m x 5m o/c AT E. EDGE OF OPEN RIDGE, HEADING INTO TREES

37a - SE EXPOSURE OF RIDGE, STEEPENS DOWN INTO TREES, FORMING SUB-VERT CLIFF o/c OF FLOWB'd RHYOLITE, SIMILAR TO 36f.
- FLOW BANDING IS ACCOMPANIED BY STRONG FRACTURE CLVG OF SAME ORIENTATION: 065/70 S
- UNDULATIONS COMMON DUE TO FLOW NATURE OF ROCKS.

37b - HEADING W AROUND EDGE OF NOB
- AM IN SIMILAR PURPLE-GREY FLOW BANDED RHYOLITE, HOWEVER COLOURLESS FLOW BANDS ARE STRONGLY CONVOLUTED IN PLACES. CONTAINS RARE TO OCCASIONAL

NEVILLE CROSBY INC. 46L

376 - COLOURLESS QZ. EYES. IN SAME AREA, FLOW BANDS ARE REGULAR, SO THIS MAY BE A LOCALIZED PHENOMENON
H.S. 376

37c - 10 m W OF 376
- RED-BROWN RHYOLITE, FLOW BANDS WELL-SPACED - ~3cm APART. OCCASSIONAL QZ EYES.

37d: PROMINANT O/C NOB ON S. SIDE OF RIDGE
FLOW BANDING: 058/72 SE (PAIR)
- PALE YELLOW-BROWN WEATHERED, PURPLE-BROWN. FLOW BANDED RHYO.
- COLOURLESS QZ EYES UP TO 3mm DIAMETER. FLOW BANDS ~1mm WIDE.
- AM ~ 25m E OF SMALL SADDLE.

37e - HEADING UP ONTO W-SLOPE OF SMALL NOB, W OF SADDLE.
- SMALL FLOAT COBBLE OF MSV. WHITE QZ, WITH ASSOCIATED METAMORPHIC HOST ROCK - GRN SCHIST

37f: NOB IS WEAKLY TO STRONGLY FLOW BANDED RHYOLITE. WEATHERS BROWNISH-PURPLE, TO PALE PINK. FLOW BANDING: 090/05 N (FAIR) (ESSENTIALLY HORIZONTAL.

* SNOW GULLY LINEAMENT DOES NOT MAKE IT THIS FAR WEST

37g - SAME AS 37f.

AFTER LUNCH.

- RESTART TRAV. FROM ~ 37a, AND HEAD EAST THRU TREES TOWARDS ESE TRENDING RIDGE WITH FEW TREES.

37h - IN TREES, ~ 5m W. OF OPEN AREA OF ESE-RIDGE. SINCE 37a, HAVE SEEN NO O/C THRU TREES. GULLY IS POORLY DEFINED - NO STRONG STRUCTURES
- A.T.P. - SR/SA FLOAT COBBLES OF DARK GREEN-BLACK OLIVINE BASALT.
- OLIVINE OCCURS AS 1-3mm AMYGDULES IN A DARK, FINE-GRAINED BASALT

FBR = PLAN BANDED RHYOLITE

37h - ROCK IS WEAKLY MAGNETIC. OCCASIONAL RUSTY WEATHERING OF OLIVINE GRAINS.
- ALSO FLOAT OF VESICULAR BASALT; VUGS UP TO 1cm DIAM.
- ALSO FLOAT OF MEDIUM-GRAINED, DK MOSSY-GREEN, ALMOST 100% OLIVINE, IN DK GRN-BLK BASALT.

38 - JUST THRU TREES ONTO RIDGE, AT N. END.
- SMALL, RECESSIVE o/c ~ 5m × 10m (L), OF DARK BLACK, MASSIVE VOLCANIC GLASS, POORLY VITRIFIED. DOMINANTLY CONCHOIDAL FRACTURE, AND GLASSY LUSTRE. BREAKS ON A REGULAR FRACTURE SURFACE.
* THIS LOOKS ALMOST LIKE VITRAIN!!! *
- SCRATCHED WITH A KNIFE-BARELY.
- WEATHERS DK. GREY, WITH A DISTINCT FLOW PATTERN. ROCK IS MOD. FRIABLE

38a - 10M E. OF Δ38.
"TREE-CROP" OF PINK-BRN WEATHERED FBR. OR POSSIBLY WELDED CAPILLI TUFF. FRESH SURFACE IS PINK-PURPLE-

38a

TO PALE BROWN. CONVOLUTED FLOW BANDS (DKER GREY), <0.5mm WIDE, 1mm SPACING. IN CONTACT WITH PORPHYRITIC-TUFF. DK. PURPLE TUFF. MATRIX, WITH PALE PINK-GREY VOLCANIC FRAGS.

H.S. 38a

39

- SMALL 1m×1m o/c IN A 20m×10m AREA OF SIMILAR PLANT + SUBCROP.
- DK. RED BROWN WEATHERED, PALE RED-PURPLE FLOW BANDED VOLCANIC.
- IS EITHER A STRONGLY ALTERED RHYOLITE, OR AN ANDESITE.
- CLOSELY SPACED, <0.5mm WIDE FLOW BANDS, AS WELL AS RARE OLIVINE? CRYSTALS. OCCASIONAL OPEN SPACE TEXTURES.

39a

- V. SMALL o/c OF SIMILAR ROCK TO 39, ONLY SLIGHTLY MORE PINK

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39b.

- AM TRAVING BACK + FORTH ACROSS RIDGE, AND AM FINDING V. LITTLE O/C.
- DOMINANTLY SMALL SA. FLOAT PEBBLES OF PINK-RED-BROWN FLOW BANDED VOLCANIC. H.S. 39b SHOWS AN ALTERED PINK-PURPLE SPEC. V. SIM. TO 38a. ALSO GET FLOAT OF DK. BLACK FINE-GRAINED BASALT, OCCASIONALLY WITH OLIVINE. RARELY SEE MASSIVE, BLACK, VESICULAR BASALT FLOAT.

39c

- SMALL 10m x 10m RECESSIVE O/C OF PURPLE-BROWN FLOW BANDED VOLCANIC. V. THIN BANDS, CLOSELY SPACED. RHYOLITIC OR ANDESITIC?
- SLIGHTLY PALER THAN 39.

40.

CLAIM POST - MID 3
- NO TAGS
- LINE RUNS E/W.

NEVILLE CROSBY INC. 46 L

4/b

- SMALL 5m x 5m o/c OF ROCK SIMILAR TO 4/.
- WEAK RED-BROWN WEATHERING STAIN. DK GRN-BLACK, FINE GRAINED, FEATURELESS ANDESITE-BASALT?
- GENERALLY BREAKS ALONG REGULAR SURFACES

4/c - SAME ROCK AS AT 4/.
- UNLIMITED o/c, BUT ABUNDANT SMALL FLOAT CHIPS - ANGULAR SURFACES.

4/d - SAME AS 4/c, ONLY MUCH LESS ROCK, ONLY BITS OF FLOAT

TRAV BACK TO TRUCK ON ~ BEARING 260° THRU TREES. NO o/c

JUNE 5, 1987

TRAV. #19

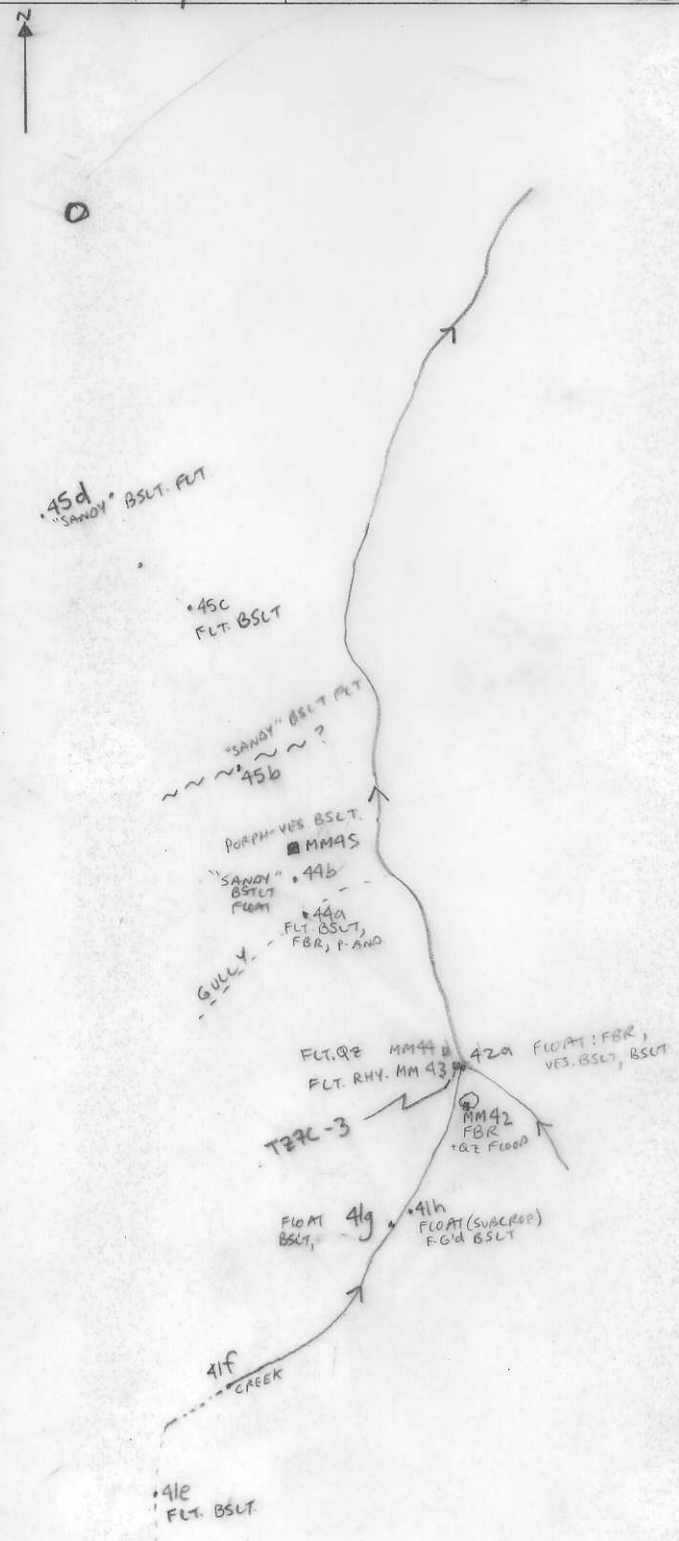
SAMPLES: MM7C-36-41 (6)

MAPPING ON PHOTO #179.

- MAPPED OPEN RIDGES IN VICINITY OF PROPERTY HIGHPOINT (6460'), IN HOPES OF DETERMINING NATURE OF SEVERAL STRONG LINEAMENTS.
- ROCKS DOMINANTLY FLOW BAND RHYOLITE, PLUS MINOR DK. BROWN/GRN ANDESITE, VESICULAR BASALT, VITREOUS VOLCANICS, & OLIVINE BASALT, + VOLCANIC BRXX.

- LINEAMENTS LIKELY BLOCK FAULTS

Project MS80	NTS 920/08	Scale 1:15480	Page 1 of 2	Traverse 20
Sampler MM	Location, Target (words) PEARL		Sample Nos MM7C 42-45	
Date JUNE 6/87.	photo no. BC 7586-0182		Cert. Nos	





GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED .....

SPECIMEN SITE A,B,..; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER ○

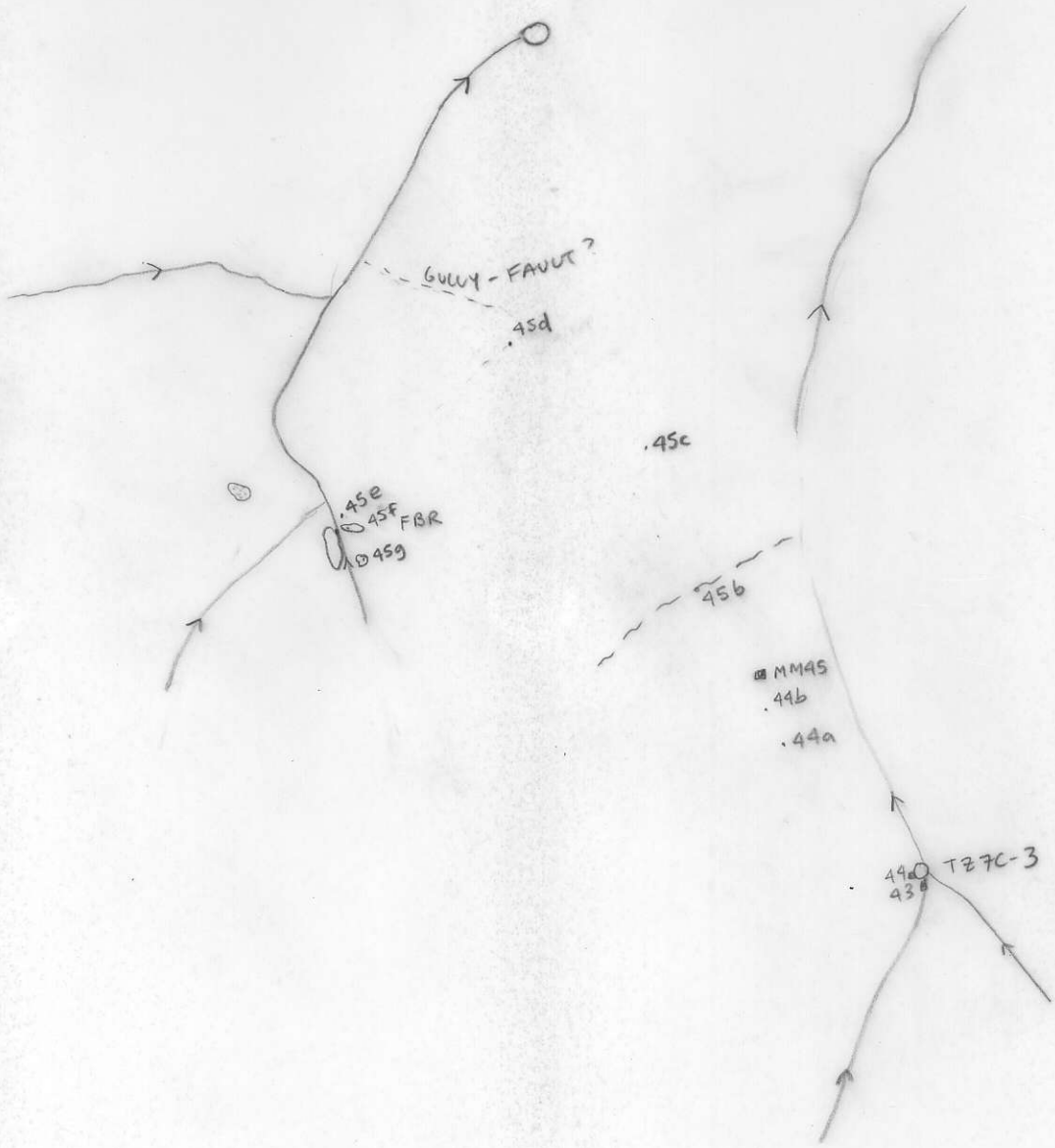
GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

ATTITUDES ∠(DD/DD N)

BCL6662 o-CSM WSD-CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M580	NTS 920/8	Scale 1:15,480	Page 2 of 2	Traverse 20
Sampler MM	Location, Target (words) PEARL		Sample Nos MM7C-43,44,45	
Date JUNE 6/87	photo no. BC7589-0181		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER ○

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (~100/40 N)

BCL6662a-CSM

SAT. JUNE 6

* 2.85 km PAST TURN OFF, TRAV. WITH T.Z + J.B

- FROM ROAD (BLACKCOMB), HEAD ~N. (OK. FBR AT ROAD)

- At 180m, SO

- AT 180m. SO FAR NO ROCK. HERE IS SMALL FLOAT COBBLES OF VESICULAR BSLT. SR

- AT 252m, HEAD NE DOWN GULLY.

- RESTART CHAIN

- CONTINUE NE DOWN GULLY.

- AT 240m - FLOAT OF DK. GREY-GREEN FINE GRAINED ANDESITIC BASALT, SR.

- OCCASIONALLY HAS PINK FS. PHENOS + RARE MAFIC PHENOS <1mm DIAM. SLIGHTLY "SANDY" TEXTURE.

- ALSO FLOAT OF DK. BLACK FINE GRAINED BASALT NO PHENOS, PWF BROWN-BLK VESICULAR BASALT

41.f.
- AT ~300M - PEARL CLAIM POST 1N, 0E.
- CAN SEE CK, ~20M TO E

- AT 375M, AM AT CREEK. FOLLOW CK. DOWNSLOPE; IT CURVES FROM NE TO ~N.
- STILL NO O/C, ONLY SCATTERED FLOAT.

41.g
- AT 750M.
- FOLLOWING W. BANK OF CK, ~25M UPSLOPE OF CK. NO O/C, ONLY SCATTERED FLOAT
- A.T.P., GULLY IS MORE PRONOUNCED THAN AT TOP. ITS ~50M. COULD POSSIBLY BE A FAULT.
- SIMILAR FLOAT ON BOTH SIDES OF CREEK.
- FLOAT IS STILL MAINLY A DK. BLACK-TO BROWN FINE GRAINED BASALT, WHICH OCCASIONALLY HAS RARE PHENOS OF A DK. RED-BROWN MINERAL, AS WELL AS FS.
- PHENOS <1MM DIAMETER. WEATHERS PALE GREY-BROWN TO WKLY RUSTY BROWN

4/K AT ~820m, ON EAST RIVER BANK. SMALL NOB IS BASICALLY A SUBCROP/FLOAT HILL OF DK BROWN-BLK, FINE GRAINED BASALT; WEATHERS DK. TO PALE GREYISH-BROWN. HILL ~20m H × 15m L

- RESIDUAL CHIPS IN AT 825m

- AT 190m, ON W. BANK OF CREEK. AM ~30m UPSLOPE IN SMALL OPEN AREA. NO O/C. LOOKING UP AT GULLY SLOPES, I DON'T THINK THERE IS ANY O/C HERE!
- AREA IS MODERATELY TREED + OF ~CONSTANT SLOPE ANGLES.
- HERE I HAVE BASALT FLOAT, AS WELL AS FLOAT (SR) OF PALE GREY TO PINK NON-FLOWBANDED RHYOLITE (ONLY 1 PIECE).

MM42.

- AT 305m, ALONG CK. O/C IS LARGE, + CLIFFY, ~ 75m UPSLOPE ON E. BANK OF CREEK. SCATTERED O/C + FLOAT CONTINUE

42 - DOWN TO CREEK. ROCK IS RUSTY TO PALE BROWN WEATHERED FLOW-BANDED RHYOLITE. FLOW BANDS VERY CONVOLUTED. FRESH SURFACE IS BUFF TO PINK TO PURPLE, WITH 1-2mm FLOW BANDS. ROCK SHOWS EVIDENCE OF 2ND ARY SILICIFICATION + OPEN SPACE FILLING TEXTURES.

- RESTART CHAIN, + CONTINUE DOWN CREEK. TOPO IS LEVELING OFF TO THE EAST, AT 92m

- LG. FBR O/C AT △42, INDICATES RHYOLITE ON E SIDE OF GULLY. NO O/C ON W. SIDE OF GULLY, SO CAN'T TELL WHAT'S THERE, BUT BSUT FLOAT INDICATES BSUT ON W. SIDE OF CK, MAYBE THIS GULLY IS A CONTACT.

42a - AT 92m FROM 42 - CREEK JUNCTION. 2ND CK CUTS IN FROM SE. MAIN STREAM HEADS NNW TO N.

- IN CREEK, FLOAT IS BROWN TO RUSTY FBR, WITH SOME DARK, FINE GRD BASALT, + RARE VESICULAR BSLT.
- ALSO FLOAT OF DARK PURPLE, VUGGY, FINE GRAINED ANDESITE OR RHYOLITE. V. FAINTLY FLOW BANDED. VUGS FILLED WITH DRUZY TO MICROCRYSTALLINE QZ, WHITE TO PALE YELLOW. SOME WEAK RUSTY ALTERATION.

SAMPLE MM43

44- ~20 M DOWNSTREAM FROM MM43
- FLOAT COBBLE OF PALE YELLOW-BROWN, RUSTY QZ-MSV. UNFORTUNATELY IT HAS TINY SHARDS OF METAM. HOST ROCK SO PROBABLY NOT AU-BEARING.

MM43 IS A BULK STREAM SED. SITE.
- ON E. BANK, FLOAT IS PINK-RED RHYOLITE, WITH OCCASIONAL VUGS FILLED WITH QZ; NOT FLOW BANDED. ALSO FLOAT OF MED. BROWN-PURPLE AMYGDALOIDAL ANDESITE (BRN. AND.). AMYGDULES OF SOFT YELLOW-BRN MATERIAL. ALSO PHENOS OF MAFICS (AMPHIBOLE?) + FS.; <1 MM DIAM.

~ TRAN. ALONG NE BANK OF 2nd ARM STREAM FROM MM43. AT ~ 50m STILL SAME FLOAT. ALSO: PURPLE-BROWN PORPHYRITIC ANDESITE - DOMINANTLY FS, BUT RARE QZ-EYES (COLOURLESS). ALSO FLOW-BANDED RHYO. FLOAT. - WALK UP CREEK ~ 250m, NO ROCK.

- BACK AT STREAM. FLOAT IN CREEK IS VESICULAR BASALT, DK. + LT. FBR, DK BROWN F.G.'d BASALT.
- DK. BLACK, FINE-GRAINED ANDESITE HAS A SHINIER LUSTRE THAN DK BROWN BSLT.
- BLK. BASALT HAS RARE PHENOS. OF FS (?) (WHITE MINERAL - SOFT ie CLAY FROM FS).
- RARELY OBTAINS NUMEROUS LIGHT PHENOS, AND A SANDY TEXTURE
- WALK UPSLOPE ON W SIDE OF MAIN STREAM (043).
- FLOAT BSLT. INCLUDING GLASSY, BLACK VOLCANIC, WITH PALE BROWN TO WHITE PHENOS.
- MOSTLY WEAKLY CLAY ALTERED FS, PLUS RARE QZ. EYES.

WEST SIDE OF CK. HAS MAINLY BSLTIC FLOAT, WITH RARE FBR. EAST SIDE

HAS MORE RHYOLITIC FLOAT, BUT IS MORE MIXED - FLOAT OF FBR, R, AND, BSLT.
- DIFFICULT TO DETERMINE PROVENANCE.
- LOCAL TOPO. HIGHS HAVE NO o/c, ONLY SCATTERED MIXED FLOAT.

- RESTART CHAIN FROM STREAM JCT. (MM93)
* T27C-3 20m DOWNSTREAM OF JCT; S250'

- CONTOUR N+W OVER RIDGE TO NEXT MAJOR DRAINAGE TO THE WEST.

- AT 75m, FLOAT OF BROWN/WH/BL. FOLIATED SCHIST FLOAT, PLUS RARE FINE-GRAINED, DARK BROWN BASALT FLOAT.

- FROM 75m ON, THERE IS NO o/c, + ESSENTIALLY NO FLOAT.

A44a - AT 455m, IN BASIN OF FAIRLY STEEP SLOPED GULLY. NO o/c OR FLOAT ON SE SIDE OF THIS ~ 030° GULLY.

44a - NW SLOPE IS OPEN + HAS FLOAT
- FLOAT IS SR., GENERALLY SMALL COBBLES, WITH A VARYING COMPOSITION.
- INCLUDES: 1) PINK-PURPLE, ALTERED FLOW BANDED RHYOLITE WITH OCCASIONAL QZ EYES, + DK BRN-BLK MANGANESE(?) WEATHERING IN PLACES
2) OLIVINE BASALT
3) DK BRN, FINE-GR'd BASALT
4) BROWN-PURPLE, FS PORPHYRITIC ANDESITE.
- NO O/C ON EITHER SIDE OF GULLY

44b - AT ~5360M.
FLOAT OF A FINE GRAINED, GREY-GREEN ROCK. EITHER A SANDSTONE, OR A "SANDY-TEXTURED" BASALT. ONLY 1 PIECE OF FLT.
H.S. 44b
- ALSO FLOAT OF A SEMI-GLASSY, BLACK, PORPHYRITIC VOLCANIC. MOSTLY ALTERED PHENOS., AS WELL AS CLAY ALTERED FS. PHENOS.

- AT 570 m, SMALL CLEARING WITH MIXED FLOAT: MEDIUM GREY, FS-PORPHYRITIC ANDESITE OCCASIONAL QZ EYES + RARE ALTERED PHENOS. ALSO PURPLE PORPH. AND.

MM45 - AT SAME POINT.

- FLOAT OF FINE GRAINED, TINY VESICULAR DK GREY BASALT. AMYGDULES OR PHENOS OF FS?, BUT DOMINANTLY A COLOURLESS, BUT POSSIBLY BLACK PHENOS, UNKNOWN COMP. FLOAT IS WEATHERED GY-BRN, + SUB-ROUNDED

456 - AM IN STRONG GULLY, TRENDING ~NE. SE SLOPES MORE WOODED THAN NW SLOPES. NO O/C UP+DOWN CK FOR ~100m.

- AM AT 845m.

- SPARSE FLOAT ON NW BANK OF GULLY. DOMINANTLY MED. GREY SANDY-TEXTURED BASALT. CONTAINS V. FINE AMYGDOIDAL OLIVINE, WITH OCCASIONAL VERY

456 - SMALL VESICLES << 1.5mm
- WEATHERS DARK GY-BRN
- ALSO ORANGE-BROWN MASSIVE TO POSSIBLY WEAKLY F.B'd ANDESITE (?)
- "KNOBBLY" PALE BROWN WEATHERED SURFACE
↑ H.S. '456'

- AT 1080m, STILL TRAVING THRU BRUSH. OCCASIONAL BASALTIC FLOAT, NO OUTCROP.
- HEAD NW. STILL CONTOURING

456 - AT 1225m
- STILL CONTOURING; RARE FLOAT. HERE IT IS DOMINANTLY BASALTIC - FINE GRD "SANDY", GRY-BROWN, AND ALSO THE DARKER BRN-BLK VESICULAR B.S.U.

- AT ~1350m, BUSH BECOMES MORE OPEN
- AT ~1500m, AM ROUNDING RIDGE + HEADING ALMOST WEST.

NEVILLE CROSBY INC. 46 L

-45d

- AT 1600m
- HAVE JUST CROSSED ~15m GULLY, + AM ON ~ E/W MODGE, ALSO NARROW. TO THE N. IS A DISTINCT GULLY.
- FLOAT IS GREY-GREEN "SANDY" BASALT AS WELL AS A REDDISH-BROWN ANDESITE
  - IS V. FINE GRAINED, WITH PATCHY YELLOW-BROWN WEATHERING, ESPECIALLY OF RARE PHENOS. - MINERALOGY UNKNOWN

- AT 2000m, AM SEEING MORE VESICULAR BASALT FLOAT - STILL SPARSE, + STILL NO o/c.

45e

- AT 2120 m, AM ON E. BANK OF CREEK, FLOWING NORTH.

-45f. IN CK. BOTTOM, IS LOTS OF CLIFFY o/c.

ROCK IS MUCH TO DK. GREY WEATHERED FELSIC VOLCANIC.

45f

- PROBABLY A RHYOLITE. IS WEAKLY FLOW BANDED, BUT ALSO PORPHYRITIC, WITH ORANGE CLASTS. COULD BE SEMI-TUFFACEOUS? H.S. 45f
- °/c is ~ 20M HIGH, + TRENDS UP SLOPE. IS ~ 10M WIDE. THAT IS ONLY °/c ON E SIDE OF BANK.
- ON W. BANK, MOSSY CLIFFS RISE ~ 30-40M AND °/c IS ~ 80-100M LONG. [TRENDS AT SAME N. END AS °/c ON E. BANK, BUT CONTINUES TO THE S. ROCK IS SAME ON BOTH BANKS.
- ROCK HAS A BLOCKY WEATHERING PATTERN

45g. SIMILAR OK. FBR ON E SIDE OF CK ~ 50M SOUTH OF 45f.

- AM GOING TO HEAD DOWNSTREAM. GUYS TOPO. GOT UPSTRM ~ 200m, THEN CURVES BACK DOWN.

RESTART CHAIN

- HIT TRIBUTARY STREAM AT 60M, LOOKING DOWNSTREAM, STRM ENTERS FROM LEFT

SAMPLES MM7C-42 to 45

JUNE 6/07

LONG, COLD DAY, SO EXCUSE THE NOTES!

- FOLLOWING J.B + T.Z.'S TRAN. TO BULK STREAM SAMPLE.
- V. LITTLE O/C, BUT FLOAT IS DOMINANTLY DK. GREY "SANDY" BASALT, VESICULAR BASALT, OLIVINE BASALT, PURPLE PORPHYRITIC ANDESITE
- IN CREEK AT 45f, CLIFFY O/C'P OF CONVOLUTED FLOW-BANDED RHYOLITE.
- TO GET BACK TO TRUCK, WENT DUE S FROM ~ 45f. PASSED THRU SEVERAL LG CLIFFY O/C'P, WHICH WILL BE CHECKED OUT TOMORROW.

- SAMPLES OF FBR HAD SECONDARY QZ IN OPEN-SPACE FILLING. RUSTY ALTERATION - COULD BE AU-ISH!
- ONE PIECE QZ FLOAT PROBABLY DEAD, AS IT WAS ASSOCIATED WITH A METAMORPHIC HOST ROCK

Project M580	NTS 920/8	Scale 1:15480	Page 1 of 1	Traverse 21
Sampler MM	Location, Target (words)		Sample Nos MM7C - 46, 47, 48, 49	
Date JUNE 7/87	photo no. BC 7586 - 0181		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (100/40 N)

BC16662a — CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

SUNDAY, JUNE 3/07

TRAV. #21

START: MM7C-46 (45h)

SUNNY + COOL.

- PARK TRUCK 2.10 km EAST OF TURN-OFF, ON BLACK DOME ROAD. AM GOING TO TRAV. NORTH AND MAP SMALL RIDGE THAT WE WALKED UP YESTERDAY, AS WELL AS LG. OPEN RIDGE NE OF SMALLER ONE.

elev. AT TRUCK IS 6040'

- HEAD N FOR 400m, THEN WEST FOR 50m. HIT S. LIMIT OF OPEN AREA OF SMALL N/S TRENDING OPEN RIDGE.

45h

- SMALL OPEN AREA IN TREES ON S. END OF SM. OPEN RIDGE. AM ~1200m S OF POND, AND ~50m EAST OF IT.

MM46 - ~ 10m SE OF 45h.
- o/c IS ~ 10m LONG, 15m WIDE, IN OPEN FOREST.
- ROCK IS DARK PURPLE-BROWN, TO WITH PALE ORANGE-BROWN BANDS.
- BANDS UP TO 8mm WIDE. LOOK LIKE FLOW STRUCTURES, BUT THIS IS DIFFERENT FROM FBR I'VE BEEN SEEING. ROCK IS ALSO PORPHYRITIC, WITH WHITE CLAY-ALTERED FS. PHENOS THROUGHOUT ROCK. VARIATIONS INCLUDE WEAK BANDING + WEAKLY PORPHYRITIC. WEAK RUSTY WEATHERING.
elev. 5940'

46a - WALK W ~85m, THEN N, AROUND EDGE OF RIDGE HIGHPOINT. SCATTERED o/c OF SAME ROCK AS 46. o/c ~ 5m HIGH, 10m WIDE, WITH RECESSIVE AREAS BETWEEN. ROCK COMPOSITION VARIES FROM FLOW BANDED PORPHYRITIC, TO V. WEAKLY BANDED PORPHYRITIC. OCCASIONALLY, BANDS UP TO 3cm WIDE (DK. PURPLE AND PALE BROWN BANDS). STILL SAME CLAY ALTERED PHENOS.

46b. ON RIDGE CREST, 0/C OCCURS, & ON SLOPE W TO TREES, OF SIMILAR ROCK TO 46, ONLY DOMINANTLY PURPLE-BROWN PORPHYRY. OCCASIONAL V. DK. GREY FLOW BANDS. COULD BE PORPH. ANDESITE.

H.S. 46b

- O/C CONTINUES ALONG RIDGE CREST, WITH SPARSE TREES. EXTENDS ~ 30M E, AND 40M WEST.

46c. IN OPEN CLIFFY AREA AT LOCAL HEIGHT OF LAND FOR THIS RIDGE. ROCK FORMS STEEP CLIFF TO WEST, WITH A ~50m TALUS SLOPE AT ITS BASE. - GRADUAL SLOPE TO EAST INTO TREES.

elev: 5890'

- ROCK IS A MED. PURPLE-BROWN WEAKLY FLOW BANDED (<1MM BANDS), MODERATELY TO STRONGLY PORPHYRITIC VOLCANIC. ANDESITE? OR RHYOLITE?
- OCCASIONAL OPEN SPACE FILLINGS
- DOMINANTLY CLAY ALTERED FS. PHENOS.

46c FLOW BANDING:

247/30 NW

270/32 N

46c - o/c HAS A STRONG PLANAR FABRIC - MOST LIKELY FLOW-BANDING, THAT CAUSES ROCK TO BREAK ON REGULAR SURFACES. WEATHERS ORANGE-BROWN TO GY-BROWN. - o/c CONTINUES ~50m DOWN INTO TREES.

46d - AT 100m N OF EDGE OF OPEN RIDGE, HEADING N. SMALL 5mx5m o/cs OF ROCK SIMILAR TO 46. MSV TO PORPHYRITIC PALE PURPLE-BROWN VOLCANIC OCCASIONALLY HAS A DISTINCT MOTTLED TEXTURE. DOES NOT LOOK FLOW-BANDED.

46e AT 172m ~~[illegible]~~ N, FROM EDGE OF LAST RIDGE. AM ON SPARSELY TREED LOCAL RIDGE, ~50m WIDE, WHICH FORMS STEEP CLIFFS TO THE WEST, AND A LARGE TALUS SLOPE AT WEST BASE. o/c IS ~70m LONG, STARTING WELL BACK IN TREES, AND EXTENDS ~20m INTO TREES AT EAST. elev. 5760'

FLOW BANDING : 160/26 NE

46e ROCK IS SIMILAR TO THAT AT 46c. DK. PURPLE-BROWN TO PALE GREY PORPHYRITIC ~~FP~~, WEAKLY FLOW BANDED VOLCANIC. ~~PUMICE~~ IN o/c, FLOW BANDING IS NOT AS WELL DEFINED AS AT 46c. FS. PHENOS ARE LESS ALTERED TO CLAY AND SEE RARE Qz EYE

2 H.S. OF PALE GREY, SLIGHTLY MORE MBV. VARIETY.

- o/c EXTENDS N INTO TREES ~ 25m

- RESTART CHAIN + HEAD EAST

- AT 30m, o/c RUNS ~ NNW DOWN SLOPE ~ 50m. IS ~ 20m WIDE. S.O.S. AS 46e HEAD EAST

~~AT 135m~~,

46f - AT ~145m, AM IN BOTTOM OF NARROW, DRY GULLY.

- WALK UP CREEK (S), FOR ~50m, BUT NO OUTCROP. FLOAT IN CREEK IS SR/SA COBBLES + OCCASIONAL BOULDERS.

46f - OF: 1) DK. GREY-BLACK FINE GR'd ~~BASALT~~,
2) "TRUE" PALE PINK/GREY FBR
3) DARK PURPLE-BROWN / PALE BRN PORPHYRITIC, WEAKLY F.B'd VOLCANIC - SAME AS 46

- HEAD DOWNSTREAM (N). AT ~15M, STREAM CURVES NW FROM ~N.
- AT 30M, STREAM STARTS FLOWING.
- ON WEST BANK, IS MOSSY CLIFFY O/C ~15M HIGH, 75M LONG.

MM47 ↑ ROCK IS V. SIMILAR TO THAT, FURTHER DOWNSTREAM, AT "45f".
-ALSO SIMILAR TO MM46. WEAKLY MOTTLED OR BANDED BUFF + DK. BROWN-PURPLE VOLCANIC, WEAKLY TO STRONGLY FS PORPHYRITIC. FS ALTERS TO CLAY. WEAK TO STRONG RUSTY WEATHERING PERVASIVE ALONG FRACTURES. ROCK LOOKS SILICEOUS + SLIGHTLY MSV. V. WEAK, POSSIBLE FLOW BANDING, BUT NO MEASUREABLE ORIENTATION.

42 CONTINUE EAST

47a - AT 155m, AM ON SEMI-OPEN RIDGE CREST. elev. 5900'

- ROCK IS V. SIMILAR TO THAT ON RIDGE MAPPED THIS MORNING, & IN CREEK. - PALE YELLOW-BROWN AND OK. PURPLE-BRN MOTTLED VOLCANIC. WEAKLY TO STRONGLY PORPHYRITIC (FS). MINOR, WK FLOW BANDING & NOT ALWAYS SEEN IN H.S.

- AM HEADING N DOWN RIDGE. RESTART CHAIN.

- AT 40m
- O/C COVERS RIDGE, WITH OCCASIONAL BANDS OF O/B. A SMALL GULLY IS RUNNING ME ~ 10m EAST, WITH A POND AT ITS HEAD (5m x 5m).
- O/C ~ 75-100m WIDE.

- AT 73m. AM HEADING ~ N, ALONG W. EDGE OF o/c. ROCK IS STILL SAME AS 47a
- WEAK FLOW BANDING ORIENTATION IN o/c: 048/32 SE (FAIR).
- GENERALLY DON'T SEE THIS.

- AT 85m, SAME ROCK, DIFFERENT FLOW BANDING ORIENTATION: FAIR-GOOD: 240/48 NW

47c - AT ~ 190m. elev. 5820'. SEEMS TO BE LOCAL HEIGHT OF LAND FOR THIS RIDGE.
- o/c EXTENDS ~ 40m WEST, AND FORMS SUB-VERTICAL CLIFFS, ENDING IN TALUS SLOPES. TO EAST, TOPO DIPS GENTLY EAST INTO SMALL GULLY, THEN RISES SLIGHTLY TO A LOWER, LESS PRONOUNCED RIDGE. ROCK EXTENDS ~ 100m E.
- AREA IS ~ OPEN, WITH SPARSE TREE GROWTH.
- ROCK IS A PALE BROWN TO PALE BROWN-PURPLE VOLCANIC. ROCK IS

FLOW BANDING: 230/43 NW

47c - FS - PORPHYRITIC, BUT FLOW-BANDING IS BECOMING MORE DISTINCT; AS DK. GREY-PINK BANDS ~ 2mm WIDE AND ~ 1cm APART.

H.S. 47c.

- CONTINUE N DOWN RIDGE

- AT 294m. STILL IN SAME ROCK. RIDGE CREST IS NARROW - ~ 15m, BUT ROCK EXTENDS ON EITHER SIDE IN STEEP CLIFFS. GOOD FLOW BANDING HERE

47d 315m

- AT 315m. AM ON E. SIDE OF NARROW RIDGE CREST. CLIFFS DROP ALMOST VERTICALLY DOWN ~ 30m, THEN SLOPE GENTLES INTO A LONG TALUS SLOPE WHICH EXTENDS TO TREES.

- LOOKING EAST, CANNOT SEE ANY DEFINITE o/c BETWEEN HERE + NEXT MAJOR GULLY (TZ 7C-3). AREA IS JUST DENSE TREES. ROCK IS S.O.S., BUT GENERALLY HAS BETTER F.B'ING

NEVILLE CROSBY INC. 46 L

- AT ~450m, ON W. SIDE OF RIDGE. RIDGE CREST IS STILL FAIRLY FLAT, WITH V. STEEP CLIFFS DROPPING OFF EAST SIDE OF RIDGE, ENDING IN LG. TALUS APRON. ON W. SIDE, ROCK O/C SLOPE IS MORE GENTLE, GENERALLY FORMING ONLY LIMITED 5m CLIFFS. OCCASIONAL TALUS FANS COVER OPEN AREAS, BUT TREES COME UP ALMOST TO RIDGE CREST. ROCKS EXTEND INTO TREES ~ 25m.
- S.O.S. FOR ROCK, WITH SAME VARIATIONS. CAN SEE GOOD PLANAR FABRIC TO ROCKS, LIKELY ATTRIBUTED TO FLOW BANDING, BUT THE ORIENTATION FLIPS CONSTANTLY FROM NW TO SE, OVER ~ 20m INTERVALS! ITS GENERALLY STEEPLY DIPPING.
- SMALL POND IS ON BEARING 306°. (?)

- AT 517m, AM STARTING TO LOSE FLOW, AND TREES ARE THICKER. STILL ON RIDGE CREST

47e: AT 600m. SMALL OPEN PATCH ON WEST ridge face. RIDGE

47e

- CREST IS IN TREES. ROCKS EXTEND WEST ~50m, WITH ABUNDANT TALUS IN SPARSELY TREED AREA.

HIGH PEAK TO N AT 022°
SMALL POND AT 260°

- AT 725m, RIDGE CREST IS IN TREES, AND O/C EXPOSURE IS LESSENING.
- WEST SIDE OF RIDGE FORMS MODERATELY STEEP CLIFFS WITH TALUS FANS TO THE TREES. O/C LIKELY EXTENDS DOWN RIDGE ~~SLOPE~~ ANOTHER 100m.

47f. AT 775m. CROSS 50m EAST, TO E. EDGE OF RIDGE. CLIFFS ARE LESS STEEP HERE, + TALUS SLOPE IS NARROWING. TREES ~75m DOWNSLOPE. SAME ROCK, WITH VERY UNDULATING PLAN-PLANAR FABRIC.

- OPEN AREA ON EAST SIDE OF RIDGE ENDS ~ 25m N.
elev 5540'

- HEAD SOUTH TO 47a AGAIN.

- BACK AT 47A.
- TOPO ON S. SIDE OF RIDGE HIGHPOINT BECOMES LESS STEEP, AS SURROUNDING GROUND RISES TO A SIMILAR ELEV.
- IN THE VICINITY OF 47a, O/C EXTENDS ~ 20M TO THE WEST, DOWN A MODERATELY STEEP SLOPE, AND EXTENDS EAST ~ 75M, OVER VERY HUMMOCKY TOPO. LOTS OF LITTLE DEPRESSIONS, SOME OF WHICH ARE WATER FILLED.

- ~~TRAV ALONG RIDGE TOWARDS BLACKDOME ROAD. RESTART CHAIN.~~

- TRAV. EAST FROM 47a
- RESTART CHAIN

MM48 - AT 30m. FLOAT OF MASSIVE, FEATURELESS WHITE QUARTZ. NO INDICATION OF HOST ROCK. SLICE IN

MM48

- GENTLY SLOPING AREA WITH LOTS OF SCATTERED o/c + FLOAT OF SAME ROCK AS 47a.
  NO OTHER ASSOCIATED QZ VEIN MATERIAL IN AREA.
  * QZ FLOAT IS ~ 10CM L.D., AND SUB-ANGULAR

- AT 88m CROSS V. SMALL, NARROW GUNN
- AT 91m AM IN SLIGHTLY DIFFERENT ROCK.

MM49 - OK 64/BLACK, ALTERED FS PORPHYRITIC BASALT (?). SLIGHTLY GLASSY LOOK.
- WEATHERS AS ROUNDED BOULDERS
- GUNN TRENDS ~ 085°

- AT 113m, HIT ALMOST DRY CK, TRENDING 045°
- ROCK o/c ENDS AT ~ 108m, V VEG WEST OF CK. CAN'T SEE ROCK ON EAST SIDE OF CK.

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49

- BACK AT CONTACT? LOTS OF FOL. OF BOTH o/c'O IN GULLY, EACH o/c TYPE ONLY ON ONE SIDE OF GULLY (ACTUALLY INTO A DEPRESSION).

- SEMI - REGULAR PLANE ON RHYOLITE - NW SIDE
POOR/FAIR: 040/66 SE
- FLOWBANDING IN RHYOLITE:
FAIR: 222/30 NW.

- BACK AT 47a
RESTART CHAIN + HEADS

- AT 107m, AM IN BOTTOM OF CK - NOW DRY. ROCKS STILL SAME AS 47a etc AND EXTEND TO CK., AND ~50m ACROSS RIDGE.

49a - ON S SIDE OF CK, ROCK IS LIKE 49 - BLACK, GLASSY, PORPH. BASALT, WITH A ROUNDED WEATHERING PATTERN. o/c ~ 30m LONG ~ 10m E. DOWN

CREEK.

- WALK UP GULLY (SW) RESTART CHAIN
- AT 50m, GULLY PETERS OUT.
NO O/C TO EAST OR WEST.
- CUT W ~ 20m TO CONTINUATION OF RIDGE O/C. GULLY IS FAINT, HEADING SOUTH
- HEAD S

- AT 172m, CAN SEE O/C, 30m TOE.

49b - LONG OPEN RIDGE ~ 125m LONG, 70m WIDE, OF WELL FRACTURED, DK. GREY AMYGDALOIDAL BASALT. SIMILAR TO 41b. O/C JUST REACHES TREES ON EITHER SIDE OF RIDGE.
H.S.

49c. WALK 200°, ALONG LONG, NARROW RIDGE. NO O/C, BUT FLOAT IS MAINLY SA DK. GY BASALT, SIMILAR TO 49b

- TRAV 200° BACK TO ROAD, + HIT BLACKDOME ROAD ~ 125m W OF TRUCK.
- NO °/c BETWEEN 496 AND ROAD, BUT ON EAST SIDE OF 496 °/c, SLOPE STEEPENS DOWN INTO A GULLY

JUNE. 7/07

SAMPLES: MM7C - 46 to 49

- LONG NARROW RIDGE IS A PALE TO DARK PURPLE WITH PALE BROWN BANDS, WEAKLY TO STRONGLY FLOW-BANDED RHYOLITE. WEAKLY TO STRONGLY PORPHYRITIC - CLAY ALTERED FELDSPAR.
- LARGE TALUS FANS FROM STEEP CLIFFS ON BOTH SIDES. FLOW BANDING IS EXTREMELY VARIABLE.
- RIDGE ~ 400m WEST OF SKINNY RIDGE) IS SAME ROCK.

- AT S. END OF SKINNY RIDGE, IS A BASALT / FBR CONTACT. QUITE SHARP, SO LIKELY A FAULT.
- MIGHT BE A FAULT SLIVER FROM STRONG GULLY CONTAINING 45b BASALT IS BLK, GLASSY, AND FELDSPAR PORPHYRITIC.

Project M580	NTS 920/07+08	Scale 1:15480	Page 1 of 2	Traverse 22
Sampler MM	Location, Target (words)		Sample Nos MM7C-50	
Date JUNE 8/87	photo no. BC7670-010		Cert. Nos	

BCL6662a—CSM
ATTITUDES (100/40 N)

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,···; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M580	NTS 920/07+08	Scale 1:5,480	Page 2 of 2	Traverse 22
Sampler MM	Location, Target (words)		Sample Nos MM7C-51, 52	
Date JUNE 8/87	photo no. BC7670-011		Cert. Nos	

BCL 6662a—CSM

CSM ATTITUDES (~100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | SHALE | CHERT | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SILT X SOIL ● ROCK ■ PAN △ WATER ○



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

MONDAY, JUNE 8/87

- FROM ROAD TURNOFF TO N. EDGE OF FRANKS PASTURE ON E. SIDE OF ROAD IS 1.50Km.
- START TRAV AT THIS POINT, HEADING EAST AROUND FRANK'S PASTURE, + DOWN CK. CONTAINING TZ7C-6. WILL GENERALLY FOLLOW THEIR LINE.
- START CHAIN AT ROAD.

- FOLLOW N. SIDE OF FRANK'S PASTURE.
- AT 127m, A ROUGH ROAD HEADS ~E, FROM PASTURE. I AM HEADING ~130°

- AT 276m, AM STILL ||'ING PASTURE AND SMALL CK ~5m TO S OF ME. AM NOW HEADING ~040

- AT 600m, AM AT E. END OF FRANK'S PASTURE (FENCED), ON N. SIDE.

- HEAD S - 60m, ON EDGE OF FENCED PASTURE, WITH SLIGHTLY OPEN, MARSHY AREA TO E. THEN HEAD EAST, ON JB/T2 TOPO LINE

RESTART CHAIN

- AT 200m, AM IN TREES, ON S. SIDE OF A NARROW DEPRESSION.

49e - AT 250m, STILL IN TREES. FLOAT BOULDER FIELD OF SR. VESICULAR BASALT.

- HEAD NE ~ 30m TO SWAMPY SEMI-OPEN GULLY, + FOLLOW ON ~ 060°. RESTART CHAIN

- FLOAT BASALT FIELD IS ~ 70m WIDE, EXTENDING DOWN INTO GULLY, AND AT LEAST 150m LONG. ROCK IS DARK GY to GY-BRWN WEATHERED VESICULAR BASALT, WITH FRESH SURFACE OF SIMILAR COLOUR. VESICLES UP TO

- 1 Cm L.D.

MMSO: 70m DOWN GULLY (~E). GULLY IS BECOMING MORE PRONOUNCED AND OPEN. (~30m WIDE). ~ 10mE, GULLY WIDENS TO AN OPEN MARSH.

- ON N. BANK IS O/C IN BANK, OF OK BROWN-BLACK VESICULAR BSLT, WITH LOTS OF BLOCKY, SR FLOAT, EXTENDING INTO GULLY. IN BOTTOM OF GULLY IS ALSO FLOAT OF S.R.
- ON S. BANK, O/C IN BANK OF SAME VESICULAR BSLT, WHICH GRADES INTO A OK. GREY, MINORLY VESICULAR BSLT. STRONGLY PORPHYRITIC BSLT.
- OCCASIONAL AMYGDOLOIDAL OLIVINE, AND MAJOR AS PHENOS, GENERALLY LATH SHAPED.
- WEATHERED SURFACE SHOWS FEW VESICULAR FEATURES. IS A GRADATIONAL COMP. CHANGE WITHIN THE BSLT. GEOCHEM.
- FLOAT ON N. SIDE EXTENDS ONLY UP TO GULLEY TOP, ~ 20m VERT.

MMSD - ON S.SIDE, FLOAT CONTINUES BACK ~75m, ON RELATIVELY FLAT GROUND, INDICATING °/C POSSIBLY V. CLOSE TO SURFACE.

- RESTART CHAIN, FOLLOW GULLY

AT

50a - AT 130m. GULLY IS BACK INTO SPARSE TREES, BUT STILL FAIRLY WIDE (~50m). SOME WATER, BUT MOSTLY STAGNANT. FLOAT ON S.SIDE ENDED ~75m DOWN GULLY FROM MMSD.

- CK. HAS COME THRU A PRONOUNCED BEND TOWARDS SSE.

- OCCASIONAL VESICULAR BSLT FLOAT, AS WELL AS AMYG. BSLT IN GULLY, AND ON GULLY BANKS ON BOTH SIDES. NO °/C OR FLOAT ABOVE BANKS - GROUND IS RELATIVELY LEVEL.

- CONTINUE DOWN CREEK.

- AT 220m, GULLY CURVES NE, IN QUITE A SHARP BEND. BANKS STEEPEN SLIGHTLY. STILL OCCASIONAL FLOAT BSLT, NO O/C. (MEET GUY'S STRING)

506 - AT ~ 455m.

- AT 425m, GULLY OPENS UP SLIGHTLY + BECOMES LESS FORESTED.
- STILL IN OCCASIONAL VESICULAR + AMYGDOIDAL BSLT FLOAT ON BOTH SIDES OF GULLY. MORE FLOAT FROM N. SIDE THAN S. SIDE, BUT TRIPS UP BANKS REVEAL NO O/C.
- CONTINUE DOWN GULLY. WATER FLOWING NOW.

- AT 825m. STILL FOLLOWING CK. GULLY.
- AT ~ 700m, N. BANK LOSES elev, + GROUND IS FAIRLY FLAT TO, + BEYOND, THIS POINT. S. BANK FAIRLY REGULAR, + MODERATELY STEEP UP TO A RELATIVELY FLAT PLATEAU. STILL NO O/C, BUT FLOAT IN CREEK IS ALL VESICULAR +/OR AMYGDOIDAL BASALT,

NEVILLE CROSBY INC. 46 L

- SIMILAR TO THAT AT MM50. FLOAT IS NOT PERVASIVE THOUGH. CK, IS GENTLY SWINGING EAST, + IS STILL RELATIVELY OPEN (ALDER).
- CONTINUE DOWN CREEK

50C - AT 850m. PERVASIVE BSCUT FLOAT, SA/SR, ~ 10m WIDE, 30 m LONG. RECESSIVE o/c?
- CK. TURNS → SE.

- AT 950m, GULLY BECOMES FORESTED AGAIN, AND CURVES → NE.
- ALMOST NO FLOAT FROM S. SIDE OF BANK. FLOAT IN CK STILL BSCUTIC

- AT 1040m, CK IS HEADING N-NNE THRU TREES. NO FLOAT OR o/c.

- AT 1100m, WALK S ~ 50m, BUT NO SIGN OF o/c. OCCASIONAL BSCUTIC FLOAT.

- AT 1128, CK, RUNS THRU BROAD PLATEAU
  - SLIGHTLY MORE FLOAT NOW, STILL BSLTIC. NO DEFINED GULLY.

- AT 1300m, SLIGHTLY MORE OPEN BUSH.
- AT 1425m, GETTING A GULLY BANK FORMING TO S.

50d
- AT 1688m. STILL FOLLOWING CREEK DOWNSTREAM, THRU BROAD GULLY
  elev. ~5280'
  - ~ 20m, 340° (~N), IS AN AREA OF SPARSE TREES ON N. HILLSIDE OF CREEK. NO o/c, BUT FLOAT VESICULAR BASALT - SR, AS WELL AS SMALL SA FRAGMENTS OF GREY-GRN-BRN 'SANDY' BASALT, FORMING A "CHIP" COVERING TO HILLSIDE.
  - CONTINUE DOWN STREAM

- AT ~1750m, GULLY BECOMES MORE STRONGLY DEFINED.
- BY 1825m, BANKS ARE QUITE STEEP, AND AT ~ 1850m, S. BANK IS

STEEP AND N BANK FORMS SUB-VERTICAL CLIFFS.

50e - AT ~ 1025m, ON N. BANK, AM INTO O/C, WHICH EXTENDS FROM CREEK, UPSLOPE ~ 50M, JUST INTO TREES AT TOPS OF CLIFFS.
- ROCK IS GREY TO PALE RED-BROWN WEATHERED.
- DK. GY-GRN ON FRESH SURFACE, WITH MINOR OLIVINE AM XTALS, AS PERVASIVE FS (?) + AMPHIBOLE PHENOCRYSTS.
- ROCK HAS A "SANDY" TEXTURE, + IS V. FINE GRAINED,
⇒ "SANDY" PORPH. BASALT.
- ROCK IS MODERATELY FRACTURED, ALONG RANDOM PLANES.

- CONTINUE ALONG TOP OF CLIFFS. AM ~ 50M VERTICAL, ABOVE CREEK.
- AT 1070M, CROSS ~ 15M GAP IN O/C, TRENDING ⊥ TO GULLY + CLIFF. BACK IN SAME ROCK.

- ROCK CONTINUES UP JUST INTO TREES, AT WHICH POINT, SLOPE LESSENS.

50f - AT 1950m. SAME ROCK.
STRONG PLANAR FABRICS - CONSISTENT ACROSS OUTCROP:
FRAC. CLUG? 050/62 SE (GOOD)
FRACTURE 188/22 NW (FAIR)

MM51 - AT 1975m. SAME ROCK
GY-GN-BRN, FINE-GRAINED WEAKLY AMYGDOIDAL TO PORPHYRITIC BASALT, WITH A "SANDY" TEXTURE.
- STILL ON CLIFFS.

- AT 2020, TREES ARE ~10m ABOVE ME
- AT 2050, CLIFFS END, OCCASIONAL % ABOVE.
- AT 2090, AM IN TREES.

5la - AT 2179 AM AT CREEK IN TREES.
- SLOPE IS MUCH MORE GRADUAL NOW, BUT GULLY STILL DISTINCT. AM

S1a - OUT OF OUTCROP.

- TRAV. WEST (UPSTM) ALONG S BANK, FROM S1a.
- AT 150M, MOSSY O/C

S1b ↑. FORMS SUBVERTICAL CLIFFS ~ 15-20m HIGH, TO CK. BED. LESS STEEP THAN N. BANK.

MM52 - AT 165m

- ROCK IS HIGHLY FRACTURED, PALE GY-BRN WEATHERED, FINE-GRAINED VOLCANIC? SANDY TEXTURE.
- OCCASIONAL ~~FE-Mn~~ MOSS-GREEN WEATHERING STAIN IN FLOAT.
- LESS AMYGDOLOIDAL / PORPHYRITIC, THAN ON N. SIDE. SLIGHTLY DIFFERENT ROCK.

- ~~CLIFFS CONTINUE~~ -
- O/C CONTINUES TO ~ 140m UP STREAM (TOTAL O/C LENGTH) ~ 20m IN HEIGHT, IN TREES, AND SLOPE LESSENS WHERE O/C ENDS.

- O/C IS VERY BROKEN UP + FRACTURED, + LACKS THE REGULAR CLUG (?) OF THE N. SIDE.
- AT PLACES, O/C ON EITHER SIDE OF STREAM IS ONLY ~ 3M APART!
* V. NARROW GULLY
⇒ FAULT.

- BACK DOWN TO S1a.

- RESTART CHAIN, CONTINUE DOWNSTM

S2a - AT 650m.
JOIN OF 2 CREEKS
- NO O/C OR PERVASIVE FLOAT ON EITHER BANK.
- OCCASIONAL FLOAT IS SAME AS MS1 AND MS2, AS WELL AS REGIONAL BASALT.

FROM CREEK JUNCTION, HEAD WEST TOWARDS FRANK'S FARM, ALONG HEIGHT OF LAND, IN GENERAL

- AT 50m, elev. 4980'

52b AT 730m, elev. 5440'

- JUST CLIMBED STEEPLY UPHILL, THRU SPARSE FOREST. AM NOW ON SMALL HIGH PLATEAU

- HAVE NOT SEEN ANY OUTCROP, BUT DO SEE OCCASIONAL FLOAT - SR - OF VESICULAR BASALT, AND "SANDY" BASALT (SLIGHTLY AMYGDOLOIDAL).

- CONTINUE WEST

52c - AT 970m, SMALL OPEN AREA, WITH FLAT O/C ~ 25m LONG, 15m WIDE, OF MG-GRN "SANDY BSLT.

- FINE GRAINED, STRONGLY FRACTURED

- FRACTURES ALONG REGULAR PLANES

~ PLANAR FABRIC:

032/30 SE (POOR-FAIR)

H.S.

elev 5510'

- AT 1450m, elev 5620'
NO o/c, JUST FLT. BSLT

52d 1660m
- SLIGHTLY OPEN BUSH.
PERVASIVE FLOAT + O/C? OF
VESICULAR BSLT, FLAT + RECESSIVE.
~ 20m WIDE, ~~65~~ 140m LONG,
elev. 5690'

52e 1750m
- ROUNDED, PALE BRown WEATHERED
o/c OF BLACK "SANDY" BASALT,
WKly OLIVENE AMYGDOLOIDAL.
~ 20m LONG, 10m WIDE
- OCCURS AS FLAT, CLOSELY SPACED
~~SW~~ o/cs UNTIL 1965, THEN
SWINGS ~ SW. STILL THERE AT
1900

- 2860m - SCEN TO N. (BIG ONE)

MONDAY, JUNE 8/87 TRAV. 22

- TRAV. UP CK, EAST OF FRANK'S FARM.
- V. LITTLE O/C OF VESICULAR TO "SANDY" BASALT.

- WHERE CK JOINS TRIBUTARY (SAMPLE TZ7C-6), UB CLIFFS OF FINE GRAINED "SANDY" BASALT.
- GULLY VERY SHARPLY DEFINED, AND ROCK HIGHLY FRACTURED. SLIGHT COMP. DIFFERENCES ON EITHER SIDE OF GULLY INDICATES A FAULT THRU GULLY.
- TRAV. WEST FROM CREEK JUNCTION. DON'T SEE MUCH O/C, THOUGH AM ON HIGH POINT OF LAND. OCCASIONAL FLOAT BSLT + O/C OF VESICULAR BSLT.

MM7C - 50, 51, 52

M580 1/

TUESDAY, JUNE 9, 1987

- MAPPING + SURVEYING IN FRANK'S ROAD, FROM END POINT OF JUNE 4th TRAV, TOWARDS THE SOUTH.

FROM	TO	BEARING	
0 (235)m	171m	205°	✓
171	247	202°	✓
247	336	189°	✓
336	466	194°	✓
466	616	188°	✓
616	690	183°	✓
690	749	186°	✓
749	839	186°	✓
839	942	185°	✓
942	1005	172°	✓
1005	1076	165°	✓
1076	1174	144°	✓
1174	1272	148°	✓
1272	1326	138°	✓
1326	1376	160°	✓
1376	1454	158°	✓
1454	1571	134°	✓

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12 JUNE 9/07

FROM	TO	BEARING
1571m	1661m	110°
BORN ROAD AT 1661m		
1661	1784	081°
1784	1854	058°
1854	1892	042°
1892 = CREEK (ORM)		
0 (1661m)	13m	244°
13	105	259°
105	141	221°
141	193	250°
193	231	201°
231	280	200°
280	318	201°
318m	350m	216°
END OF ROAD		

-52 @ f

- AT 0m. SMALL NARROW GULLY (DRY) ~5m EAST OF ROAD, RUNNING N/S.
- ON EAST BANK OF THIS GULLY, IS PERVASIVE SA/SR FLOAT OF DARK GREY-BROWN VESICULAR BSLT.
- VESICLES < 5mm DIAMETER. MODERATE RUSTY WEATHERING THRU OUT. FLOAT FIELD ALSO CONTAINS LOW, RECESSIVE OUTCROPS OF A WHTY VESICULAR, OLIVINE AMYGDALOIDAL, DK. GREY-PURPLE BASALT. PROBABLY GRADATIONAL.
- O/C + FLOAT FIELD IS ~ 25m WIDE, AND EXTENDS ~ 100m EAST, ~5m BEYOND A 2nd, NARROW, N/S GULLY (DRY).
- FLOAT CONTINUES ALONG 1st GULLY FOR ~ 50m S ALONG ROAD.

- AT ~ 185m, 2nd ARM ROAD HITS MAIN, "FRANK'S" ROAD. 2nd ARM ROAD PARALLELS MAIN ROAD, ~ 10m West OF IT.
- NO ROCK TO WEST.

- AT ~290m, 2ND ARM ROAD VISIBLE AGAIN, 11'NG MAIN ROAD, ~ 5-10 m WEST. ROAD IS PROBABLY FAIRLY CONSISTENT BUT FLOOD MATERIAL + DEADFALL BLOCK ITS PATH.

- NO RO

- AT 336m - NO ROCK ON EITHER SIDE OF ROAD.
  - FLOAT IS SR, AND DOMINANTLY VESICULAR BASALT.

- AT 466m - MINOR ROAD STILL 11'D THIS ONE NO ROCK.

- AT 616m - MINOR ROAD ~ 15m WEST
  - NO ROCK E OR W

- AT 839m - 10m E OF ROAD, SMALL DRY CREEK GULLY STILL THERE, FLOWS SOUTH.
  - CONTAINS BASALTIC, R. FLOAT.
  - TO WEST, MINOR ROAD IS ~ 30m FROM MAIN ROAD. STILL NO ROCK (BSLT. FLOAT)

- AT 1016m.

-52 g - ~50m WEST OF ROAD. CANNOT FIND MINOR ROAD, SO IT MAY CURVE HIGHER UP, OR SIMPLY HAVE ENDED. NO %c, BUT A FAIR AMOUNT OF SA/SR FLOAT OF BROWN-GY VESICULAR BSLT, AS WELL AS

52g - DARK GREY-BLK, FINE GRAINED BASALT. NON-VESICULAR, V. WKLY OLIVINE AMYGDALOIDAL.
- NO ROCK EAST OF ROAD

- AT 1171m, SMALL GULLY CROSSES ROAD. STILL TRENDS ~ N/S
- AT 1272m - CREEK IS ~ 10m W. OF ROAD, FORMING A 20M WIDE, GENTLE GULLY.
- SLOW WATER FLOWS S.
- 2nd GULLY (DRY) ~ 20m W OF 1ST ONE. GIVES TOPO. A HUMMOCKY NATURE. NO o/c, BUT FLOAT IN CREEKS IS BSALTIC
- NO ROCK TO EAST
- AT 1376m - STILL NO ROCK E OR W. FLOAT ALONG ROAD IS VESICULAR BSLT AS WELL AS FINE GRD OLIVINE BSLT. ALSO OCCASIONAL DK. PURPLE LAPILLI TUFF. SA/SR.
- AT 1661m, MINOR ROAD JOINS MAIN ROAD.
- BORIN CK. ROAD?
- TRENDS ~ 260°
- THIS IS ~ 2.6 km FROM FRANK'S. (CREEK?), BY TRUCK ODOMETER.

- CONTINUE ~E ALONG MAIN ROAD.
- AT 1784m - NO ROCKS

- AT 1892m, A FAIRLY STRONG, BUT NARROW GULLY CROSSES THE ROAD, TRENDING ~160° (2.8km BY TRUCK FROM FRANK'S)

- AT 3.2 Km FROM FRANK'S (BY TRUCK), AM AT STRONG GULLY (WITH CULVERT) CROSSING ROAD. GUY'S PARKED TRUCK HERE.

- GO BACK + SURVEY MINOR ROAD, TO BORYN CREEK.
- ROAD ENDS AT 350m

52h - AT END OF ROAD - ENDS AT BORYN CREEK. NO VISIBLE %. TRAV. DOWNSTREAM → W. elev. 5270'

- AT 39m, ON S. BANK OF BORYN CK.
- FLOAT OF VESICULAR BSLT, AND DK. GREY FINE-GRAINED, WKLY VESICULAR BSLT.

- AT 315m, STILL ON S. BANK OF BORIN CREEK. NO SIGN OF O/C. WALKED UP TO TOP OF BANK, ~50M S, BUT STILL NO ROCK. HUMMOCKY, GENTLE TOPO, WITH SCATTERED FLOAT OF BASALT.
elev. 5290'

- AT 367m, CREEK GULLY OPENS UP ONTO OPEN PLAIN ~40M WIDE.

52i - AT 490m.
~5m S OF RIVER IS A TRENCH, ~8m LONG, 3m WIDE. NO ROCK. STILL IN OPEN AREA. LOTS OF DIFFERENT FLOAT - VESIC BSLT; BUFF ANDESITE; DK. GRN-BLACK, FINE GRAINED, FS? PORPH BASALT; GREY-BROWN, FINE GRAINED, AMYGDALOIDAL - HBL PORPHYRITIC ANDESITE (?) (BSLT?), WITH OCCASIONAL TINY VESICLES + RARE FS PHENOS (CLAY ALT'd).

- AT 575m, V. NARROW LITTLE STREAM, RUNS ⊥, N INTO BORIN CREEK

(17)

- AT 637m, HIT TRIB. STREAM, RUNNING N/NTO BORN CREEK.
- HEAD UP STREAM. RESTART CHAIN

-MM53- AT 40m UP TRIB.
- °/C ON W. BANK, ~ 3m HIGH, OF BLACK, SLIGHTLY GLASSY, PORPHYRITIC BSLT. PHENOS OF AUTERED FS AS WELL AS MINOR OLIVINE. WEATHERS SLIGHTLY ROUNDED TO KNOBBLY; DK. GY-BRN.
- O/C ~ 30m LONG, ONLY ON W. BANK.
- ONLY OCCASIONAL BSLTIC FLT. ON E. BANK.

- AT ~ 150m - TZ 7C 10. GRADUAL SLOPES TO GULLY; NO ROCK.
- BACK TO BORN CK.

- BACK AT BORN, CONTINUE W. RESTART CHN.
- AT 21m, HIT ~N/S ROAD.
- AT 64m, OLD TRENCH ~ 8m LONG, 3m WIDE. NO BEDROCK.
- TRENDS ~E/W (1/2 BORN CK).

- ALSO AT 64m, OLD ROAD CROSSES BORN CREEK.

53a - AT 625 m PAST T27C-10 CREEK, SMALL PERVASIVE FLOAT FIELD OF SR, DK BROWN-BLCK VESICULAR BASALT. VESICLES UP TO 1cm C.D.
- FLOAT FIELD ~ 20m LONG, 4m WIDE, N/+ ADJACENT TO BORN CK. FLAT, RECESSIVE FLOAT FIELD, NOT CLIFFY.

- AT 700m, HIT FAIRLY MAJOR, N/S STREAM, FLOWING N INTO BORN CK.
- RESTART CHAIN, HEAD S UPSTRM

- WALK UPSTREAM ~ 200m, ON WEST BANK OF TRIBUTARY. TOPO IS GENTLE +SEE NO O/C. OCCASIONAL FLOAT, DOMINANTLY VESICULAR BSLT, LIKE AT 53a. HEAD BACK TO BORN CK.

- CROSS BORN CK ~ 20M UPSTRM OF ABOVE STREAM.

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5361 FRAC. PLANE (6000): 344/34 NE

- WALK N, 45m (⊥ TO BORNICK), TO WHERE SLOPE RISES, i.e. BORNICK. LIES IN A GULLY-PLAIN ~ 60m WIDE.
- WALK E (UPSTRM) UP BORIN CREEK, ALONG ITS N. BANK. RESTART CHAIN.
- SLOPES ARE FAIRLY OPEN, WITH BSLTIC FLT. COMMON. ROUND VES. BSLT, AS WELL AS ANG. OK. GY/GREEN "SAVOY" BSLT.

53b - AT 35m. IN OPEN HILLSLOPE, PERVASIVE FLOAT + PATCHY O/C OF RUSTY-BROWN (WK) WEATHERED, HIGHLY FRACTURED VOLCANIC
- O/C SLOPE ~ 20m. HIGH., RISING TO 90m HIGH AT 56m (CHAIN). elev. AT TOP ~ 30m HIGHER THAN VALLEY FLOOR.
- ROCK IS STRONGLY WEATHERED, AND BREAKS ALONG REGULAR SURFACES. ROCK IS A GREY-GREEN, FINE GRAINED ANDESITE-BSLT. OCCASIONAL RED-BROWN FLECKS - ALTERED MAFICS (?).
- SEE FLOAT OF BRECCIATED SIMILAR ROCK, WITH UP TO 1cm QZ VEINS.

AND ORNZY OPEN SPACE FILLING.
- ONLY IN FLOAT, NOT O/C.

MM54 - QZ VEIN IN OUTCROP!!
- YELLOW-BROWN TO COLOURLESS, 2/cm WIDE, IN SAME ROCK AS S36. 9N O/C ~ 15m UPSLOPE ON N. SIDE OF BORUN CREEK.
- NO ORIENTATION TO QZ, JUST FRACTURE FILLING. CAN'T FOLLOW IT, JUST IN ISOLATED O/C IN FLOAT - TRANS SLOPE.
- CONTINUE E.

- STRONG O/C TRANS CONTINUES TO ~145m, THEN SLOPE GRADUALLY BECOMES MORE GENTLE, + ROCK ENDS. AT 155m SMALL DRY GULLY (N/S) JOINS N SIDE OF BORUN CREEK. STILL SEE VESICULAR BSLT. FLT

54a - AT 180m - SMALL PERVASIVE FLOAT FIELD OF "SANDY" BSLT, SIMILAR TO THAT AT 54, BUT NOT AS STRONGLY FRACTURED + WEATHERED. ~20m L x 10m W, // TO BORUN

59a - AM GULLY ~ 5m N OF CREEK - GULLY PLAIN IS ~~[illegible]~~ NARROWING.

- AT 310m. STILL ON N. SIDE OF BORYN CREEK, HEADING EAST. SMALL, DRY GULLY (N/S) ENTERS. INTO N. SIDE OF BORYN CREEK. CONTAINS FLOAT VESICULAR BASALT - MOSTLY WELL ROUNDED

- AT 344m - MINOR N/S GULLY

- AT 400M - ~~[illegible]~~ CK GULLY WIDENS + OPENS SLIGHTLY.

- AT 466m - CROSS OLD ROAD, NW/SE,

- AT 567m - OLD ROAD CROSSES BORYN CK, AFTER ||ING BORYN CK FOR ~ 75m.

- AT 570m, TRENCH ||'S BORYN, 8m LONG, 3m WIDE, NO B.R.

- AT ~ 650m, STRM enters BRYN FROM SOUTH (TZ7C - 10 SAMPLE STRM)

- AT 711m, END TRAN. FINISH N. BANK TOMORROW ☺
- AM JUST EAST OF CREEK (N/S) CONTAINING TB7C-10, ON N. SIDE OF BORIN CK.
- ELEV. AT MAIN RD/BORIN RD JCT IS 5380'

SAMPLES: MM7c-53, 54

JUNE 9, 1987 - TUESDAY
TRAV. 23

- IN A.M, SURVEY REST OF "FRANK'S" ROAD TO WHERE IT JOINS MAIN ACCESS ROAD OUT OF BORIN CREEK. V. LITTLE ROCK - MOSTLY FLOAT OF VESICULAR TO WEAKLY PORPHYRITIC BASALT.
- ALSO SURVEY DOWN ROAD SPUR TO WEST, TO BORIN CREEK.

- IN AFTERNOON, TRAV WEST DOWN BORIN CK - SEE OCCASIONAL BASALTIC o/c, BUT MOSTLY FLOAT OF VESICULAR BASALT, ON SOUTH SIDE. ON NORTH SIDE OF CREEK, STILL ONLY RARE o/c, BUT MORE "SANDY" BSLT AS OPPOSED TO VESICULAR BSLT. MM54 HAS 1cm BROWN-YELLOW QZ VEINS, RANDOMLY ORIENTED.
- COULD BE A FAULT DOWN CREEK TO ACCOUNT FOR ROCK COMP. DIFFERENCES, BUT CREEK GULLY IS NOT SHARPLY DEFINED.

Project M580	NTS 920/7	Scale 1:15,480	Page 1 of 1	Traverse 24
Sampler MM	Location, Target (words)		Sample Nos MM7C - 55 to 58	
Date JUNE 10/87	photo no. BC7605-033		Cert. Nos	

BC11 6662 o—CSM

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

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DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SILT X SOIL ● ROCK ■ PAN △ WATER ○



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

WED, JUNE 10/87 TRAV. #24

- START TRAV. AT END POINT OF YESTERDAY'S TRAVERSE; ON N. BANK OF BORIN CREEK, HEADING EAST. ~100m EAST OF TZ7C-10 CREEK.
- START CHAIN AT 0m, WHERE OLD ROAD CROSSES BORIN CREEK (OLD BLACKDOME ROAD).

54a - AT 130m

- RECESSIVE OUTCROP IN HILLSIDE, FORMING RELATIVELY STEEP BANK ~10m HIGH, THEN LEVELLING OFF TO GENTLE TOPO.
- % ~~FRX~~ ENDS AT BREAK IN SLOPE.
- ROCK IS A DK GREY-BLACK, SLIGHTLY GLASSY, PORPHYRITIC TO AMYGDALOIDAL BASALT, V. SIMILAR TO ROCK AT MM53.
- PHENOS. DOMINANTLY WEAKLY CLAY ALTERED FELDSPAR - SOME UNALTERED; AS WELL AS LESS COMMON Qz PHENOS.
- WEAKLY OLIVINE AMYGDALOIDAL (?), AND RARE VESICLES-VUGS, <1mm DIAM.

549 - ROCK WEATHERS INTO ROUNDED, "LUMPY" FORMATIONS, IS MODERATELY FRIABLE. LACKS WELL DEVELOPED FRACTURE (CLVG?) SEEN AT MM54.
- O/C IS ~ 30M LONG.

- AT 165M, IS A SMALL, N/S TRENDING, DRY GULLY. O/C DOES NOT CROSS GULLY.
~ 20M UP GULLY - CROSS OLD ROAD, TRENDING ~ E/W, // TO BORN CREEK.
- NO O/C UP HERE.
- WALK W. ALONG ROAD, RESTART CHAIN
- AT 45M (@W), ROAD HEADS ~ 214° TOWARDS BORN CK.
- AT 61M, HEADS 250°
- AT 115M ROADS HEADS ~ 200° TO CREEK, BUT IS NO LONGER A ROAD.
- BACK TO [redacted] GULLY.
- EAST ALONG ROAD (FROM O)
- AT 5M ROAD SPLITS; 1 TRACK HEADS DOWN TO RIVER, OTHER AT 120°

- HEADS ~ 100°
  - AT 40m, HEADS 080°
  - AT 89m, ROAD HEADS 120° TO BORIN CREEK.
  - NO ROCK O/C ALONG ROAD, BVT STILL COMMON TO OCCASIONAL VESICULAR BASLTIC FLOAT - SR.
  - BACK TO GULLY BOTTOM.

MM55 - ~ 2m UP GULLY (N) IS A 15cm DIAMETER SA. QUARTZ VEIN FLOAT BOULDER. NO INDICATION OF HOST ROCK. PALE CREME - BROWN WEATHERED, OCCASIONALLY RUSTY. FRESH ROCK IS WHITE-BEIGE, WITH A SLIGHTLY SUGARY TEXTURE; MASSIVE, WITH OCCASIONAL DRUZY VUGS.
* AM ~ 15m N OF CREEK.

- RESTART CHAIN, HEAD WEST.
- AT 50m, TRENCH ON OTHER SIDE OF RIVER, 11's BORIN CREEK.
- AT 120m, OLD ROAD HITS BORIN CREEK. DOESNOT CONTINUE ON OTHER (S)

. SIDE OF BORIN CREEK.

55a - AT 170m; O/C ~ 5m HIGH ON N. BANK OF BORIN CREEK. SLIGHTLY ROUNDED - LUMPY, GREY-GREEN WEATHERED O/C. ROCK IS DK GREEN-BLACK SLIGHTLY GLASSY BASALT. HAS BEEN CHLORITIZED, SO QUITE SOFT (HK 5). REMNANT PORPHYRITIC TEXTURE - ALTERED FELDSPARS.
- NON MAGNETIC.
- HAND SPEC 55b
* LOOKS LIKE 54a ROCK THAT HAS BEEN MORE STRONGLY ALTERED.
- O/C ~ 12m LONG.

55b - AT 205 m. 5m HIGH x 10m LONG O/C OF GLASSY, BLACK, FS-PORPHYRITIC BASALT. SIMILAR TO 54a, NOT AS ALTERED AS 55a.

- AT 532 m, HIT "BORIN CK ROAD".
- NO ROCK SLS, BUT ROLLING BANKS COMMONLY HAVE BSALTIC FLOAT, RARE ROUNDED FLOAT OF MICACEOUS METAMORPHIC

.ROCKS. NUMEROUS SMALL, WEAKLY DEFINED, DRY GULLYS ENTER BORIN CK. FROM NORTH.

- AT 532m, A MORE SHARPLY DEFINED GULLY ENTERS BORIN., JUST WEST OF ROAD. SLIGHT WATER TRICKLE.
- TRAV. UP GULLY (N), RESET CHAIN.
- GULLY HEADS ~ N/S. SMALL W. KINK AT 50m

MM56 - AT 120m. 10cm DIAMETER, SR FLOAT OF QZ VEIN. ROCK IS PALE BEIGE-WHITE SUGARY QZ, UNFORTUNATELY WITH MICACEOUS PARTINGS, SO PROBABLY NON-AU.

- AT 160m. STILL NO O/C, BUT LOTS OF FLOAT IN CK-GULLY BOTTOM. DOMINANTLY SR-R BASALT; VESICULAR TO PORPH, TO FINE GRAINED.

-AT ~185m, CK. HEADS NW.
- AT 200m, NO O/C, HEADS BACK DOWN GULLY

NEVILLE CROSBY INC. 46 L

JUNE 01/87.

.56a - AT ~185m, ~10m EAST OF GULLY, ON ~LOWER GROUND. ~ POINT AT WHICH GULLY HEADS NW.

* CLAIM POST. - CORNER

1) "LOOKING EAST" TAG.
81915 CORNER POST
KING 4
POST # 5 EAST
R. BILQVIST
FMC # 238964
MAR. 10, 1983

2) "LOOKING NORTH" TAG
81914 CORNER POST.
KING 3
POST # 5 EAST
R. BILQVIST
FMC # 238964
10 MARCH /83

ALSO: ID. POST. LOOKING NORTH.
BORIN I
POST # 152 W.
METAL TAG # 87681
MAR. 17/83

NEVILLE CROSBY INC. 46 L

56a - 10. POST, ~ 8m S. OF CORNER POST.
- "LOOKING EAST" - TAG
- REBORN
POST # 150 W
TAG # 92517
OCT. 20/84

- ~ 20m EAST OF GULLY, IS A 2nd GULLY - DRY, + SLIGHTLY LESS PRONOUNCED, ALSO TRENDING N/S
- 2 GULLIES BOTH HEAD/FLOW S, + JOIN TOGETHER ~ 90m N OF WHERE GULLY HITS BORIN CK. ROAD. (90m N OF BORIN CK.).

- HEAD UP BORIN CK. ROAD TO MAIN ROAD.

- ~ 200m E OF BORIN RD JCT, A GULLY (DRY) CROSSES MAIN ROAD.
- HEAD N UP GULLY.

57	BEDDING?	008/10	SE	POOR	

MM57 - 25m UP ~N/S GULLY (N)
- SMALL O/C LENS ~ 1m x 1m, IN GULLY BANK. *GULLY ONLY ~ 3m HIGH HERE.; ON E. BANK.
- PALE GREEN, FINE GRAINED ROCK, WITH COLOURFUL CLASTIC GRAINS: RED, ORANGE, BLK, WH. ROCK IS MECHANICALLY WEATHERED, APPROACHING GRWS. POSSIBLY A HIGHLY ALTERED TUFFACEOUS ROCK?

57a - AT 47m. SIMILAR ROCK O/C IN GULLY BOTTOM, FOR ~ 3m UP GULLY, <1m WIDE
- SAME PALE YELLOW-GREEN COLOUR, BUT CONTAINS BIMODAL CLASTICS, UP TO 3cm L.D.
⇒ AGGLOMERATE ??
HAND SPEC.
* CK. GULLY TRENDS ~ 345° HERE.

- AT 65m, GULLY PETERS OUT. CLEARED STRETCH TRENDS 030°, ~ 8m WIDE. FOLLOW THIS.
- THIS ENDS AT 128m. HEAD N.

NEVILLE CROSBY INC. 46 L

- FLOAT IS MIXED, AND ONLY IN GULLY, NOT ON SURROUNDING GROUND. DOMINANTLY VESICULAR OR FINE GRAINED BASALT, AS WELL AS RARE (MM157) ROCK.

57b+ AT 410m.
- SLS, ONLY OCCASIONAL SR FLOAT OF VESICULAR TO FINE GRAINED, DK. GREY-BROWN BASALT. NO O/C.
- RESET CHAIN, HEAD ~~EAST~~ TO NEXT MAIN GULLY.

- AT 430m, AM HEADING INTO BROAD, ALDER-FILLED SWAMPY AREA.
- AT 455m, HIT A CREEK WITH WATER, FLOWING SOUTH, THAT HAS NUMEROUS TRIBUTARIES. OPEN AREA IS ~ 70m WIDE.
- AT 500m, AM ON E. BANK, JUST IN TREES.
- NO DEFINITE GULLY BANKS — TOPO IS GENTLE.
- S.L.S. NO O/C, ONLY OCCASIONAL BSUT. FLOAT.
- HEAD N. ALONG E. EDGE OF CREEK.
- RESTART CHAIN

57c - AT 600m, HAVE FOLLOWED STREAM ~NE. NO DISTINCT GULLY FOR THE STREAM; IT IS BRAIDED + MADE UP OF NUMEROUS NARROW TRIBS.
- OCCASIONAL FLOAT IS VESICULAR BSLT; IN + AROUND STRM. "GULLY."
- TOPO IS GENTLE + SLIGHTLY HUMMOCKY, BUT NO OUTCROP
- HEAD S BACK TO 0m, THEN EAST TO LOOK AT CRESCENT SHAPED OPEN AREA.
- RESTART CHAIN, HEADING E

57d - SMALL 10m L (N/S), 5m WIDE O/C + FLOAT AREA. ROCK IS A DARK GREY, OLIVINE AMYGDALOIDAL BASALT, V. FINE GRAINED.
- AT 800m

57e - 60m S OF 57d.
- SLIGHTLY OPEN AREA, SOUTH OF SMALL GULLY. NO ROCKS, EXCEPT FOR ONE NARROW PATCH OF SA FLOAT, OF A DARK BROWN/BLACK

57f: clvg: 157/56 SW POOR

57e - MOTTLED BASALT.
- CONTINUE EAST

57f - AT 100M, HIT PRONOUNCED GULLEY, WITH SMALL STREAM, TRENDING ~040°
- FOLLOW NE ALONG GULLEY
- AT 70M, GULLY CURVES EAST
- AT 120M, GULLY OPENS ONTO SWAMPY AREA.
- AT 200M, GULLY FLATTENS OUT INTO TREES + LOSES ALL DISTINCTION.
- HERE IT HEADS SSE.

MM58 (57f) AREA IS ONLY TREED (?!) IN VICINITY OF GULLY, WITH SCATTERED O/C.
- "TREECROP" OF STRONGLY CLEAVED + ALTERED VOLCANIC. PALE TO MOSSY GREEN, WITH PALE BROWN ALTERED PHENOS.

57f ALSO O/C + PERVASIVE FLOAT OF PALE BROWN WEATHERED, DK. GREY OLIVINE BSLT, IN SAME VICINITY. ALSO STRONGLY WEATHERED. CAN SEE NO ROCK ON EITHER SIDE OF GULLY.

.57f.

- OPEN AREA WITH O/C + FLOAT BSLT + ALTERED BSLT IS ~ 30m WIDE, TO GULLY, AND ~ 50m LONG.
- FLOAT IN GULLY IS VESICULAR +/OR AMYGDALOIDAL BSLT, AS WELL AS PALE GREEN, MASSIVE VOLCANIC (MMSB)
- HEAD SW DOWN GULLY. RESTART CHAIN ; IN TREES.
- AT 40m, GULLY LOSING DISTINCTION, + HEADING W.
- AT 60m, GULLY INDISTINGUISHABLE. - NO ROCKS.

- HEAD S. RESTART CHAIN elev. 5560' (OFF)

- AT 70m, HIT OPEN AREA.

58a - ~ 15m E OF ABOVE PT. LG, FRACTURED O/C AND ANGULAR FLOAT NCB.
- ROCK IS A DARK GREY, FINE-GRAINED, WHLY OLIVINE AMYG. BASALT.
- WEATHERS PALE GREY-BROWN.

NEVILLE CROSBY INC. 46L

.58a - elev. AT TOP IS 5600'. o/c IS ~ 80m WIDE, AND EXTENDS FROM TREES AT TOP (BREAK IN SLOPE), TO BOTTOM TREES. ~ 50m DOWN.

- OUTCROP IS SURROUNDED BY OPEN TREED AREAS, WITH NO o/c, BUT SAME FLOAT AS 58a, AS WELL AS FLT. VESICULAR BASALT.

- HIT MAIN ROAD AT 190m
- WALK WEST, + HIT TRUCK AT 615m.

TRAV. 24

WED. JUNE 10/87

MM7C - 55 to 58

- FINISHED MAPPING N. SIDE OF BORYN CK, TO BORYN ROAD. O/C RARE, + OF BLACK, PORPHYRITIC, GLASSY BASALT - OCCASIONALLY V. ALTERED.
- UP MINOR GULLY W OF BORYN ROAD, FOUND QZ FLOAT.

- MAP UP MINOR GULLY → N FROM MAIN ROAD. ONLY ROCK IS VESICULAR BSLT. FLOAT. HEAD EAST TO SHARP GULLY, UPSTREAM OF TZ7C-8. NO ROCK! PALE GRN. CLASTIC AGGLOM? IN GULLY.

- HEAD EAST TO ARENATE GULLY, RARE ROCK IS ALTERED OLIVINE BSLT.

NEVILLE CROSBY INC

Project M580	NTS 920/7	Scale 1:15480	Page 1 of 2	Traverse 26
Sampler MM	Location, Target (words)		Sample Nos MM7c-59	
Date JUNE 12/87	photo no. BC 7670-911		Cert. Nos	

BCL 6662 a — CSM

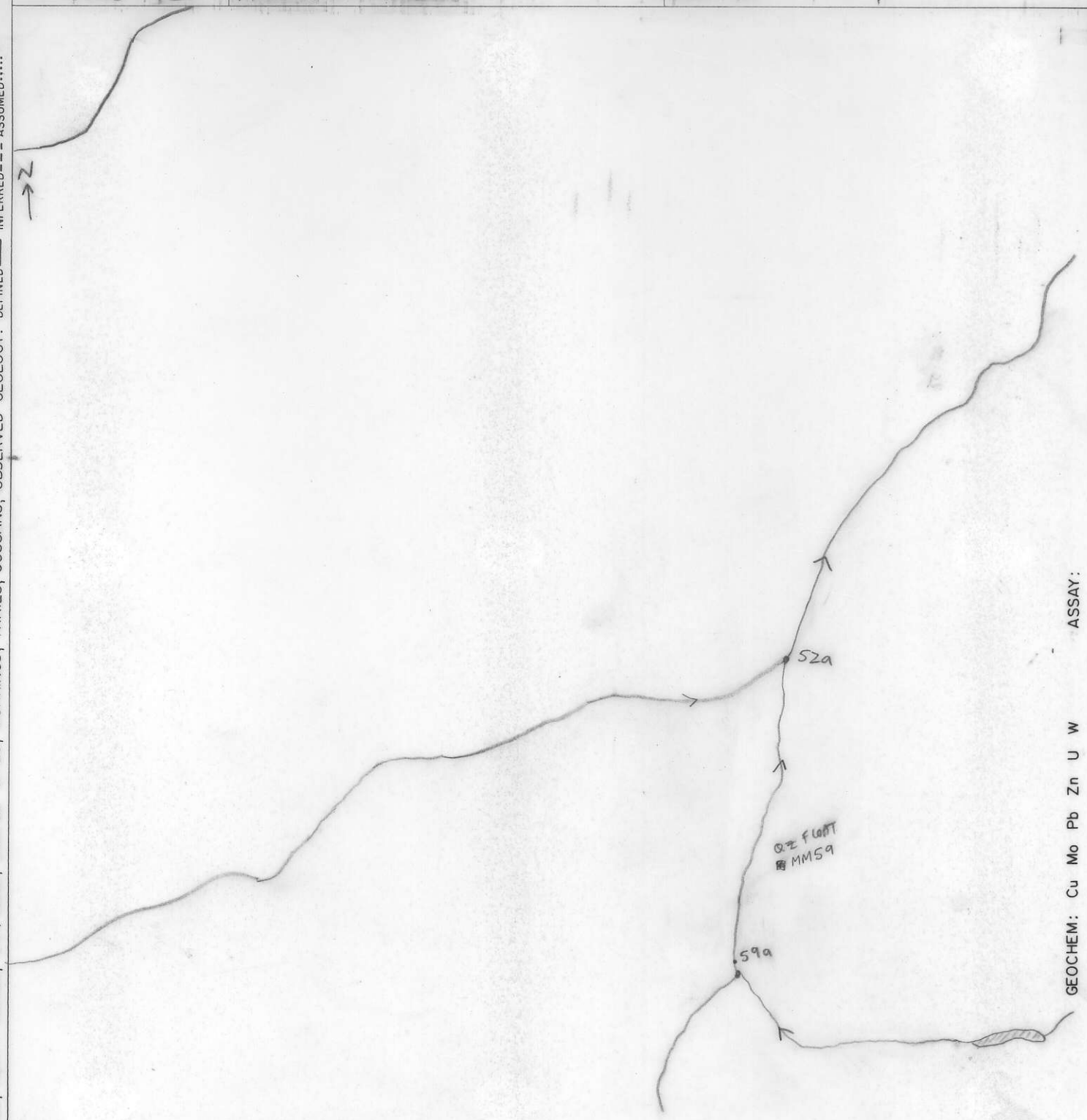
ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | SHALE | CHERT | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

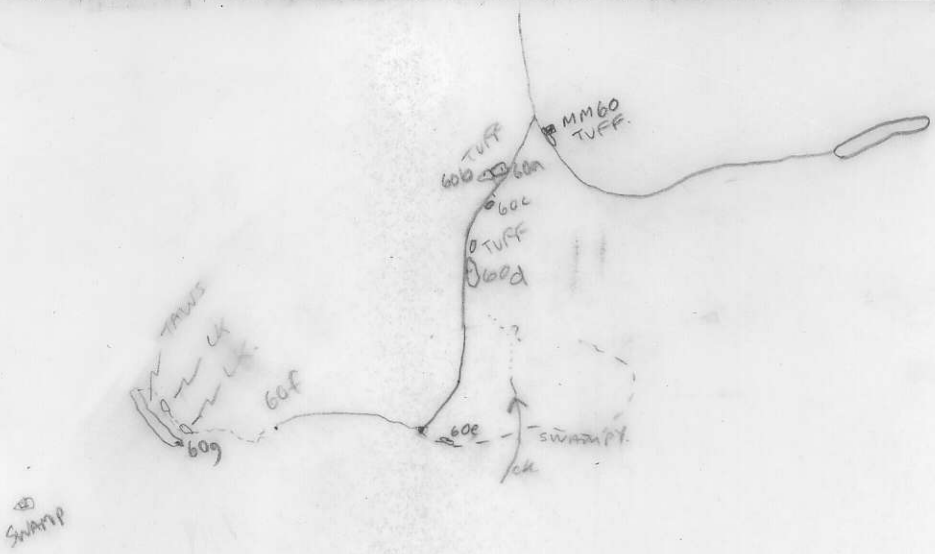
DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project 580	NTS 920/7	Scale 1:15480	Page 2 of 2	Traverse 26
Sampler MM	Location, Target (words)		Sample Nos MM7C-60	
Date JUNE 12	photo no. BC7586-0178		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SILT X SOIL ● ROCK ■ PAN △ WATER ○

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | WSC-CL6662a-CSM ATTITUDES (100/40 N)

FRIDAY, JUNE 12, 1987 — TRAV. #26

- START TRAV. AT △52a — JUNCTION OF 2 NE-FLOWING CREEKS, AND LOCATION OF TZ7C-14 SOIL SAMPLE.
- TRAV. UPSTREAM ON MORE EASTERLY TRIBUTARY; HEADS ~ SSW.
- START CHAIN HERE: elev. 4900'

- AT 100m, NO O/C ON EITHER SIDE OF CREEK. (I'M ON W. SIDE). NARROW RIDGE SEPARATES THE 2 TRIBUTARIES HERE. FLOAT IN CK. IS WELL-ROUNDED VESICULAR TO PORPHYRITIC, FINE GRAINED BASALT, + OCCASIONAL MOTTLED, WEAKLY F.B'd RHYOLITE.
- AT 220m, STRM. SAMPLE #TZ7C-6
- AT 350m UPSTREAM, TRAV EAST ~ 50m BUT CONTINUE ANY O/C; NOR TO WEST OF CREEK. CK. STILL FLOWS STRONGLY, AND HAS A VARIETY OF R. FLOAT, DOMINANTLY BSLT. CK. GULLY IS DEFINED, BUT NOT SHARP.

NEVILLE CROSBY INC.

- AT 670m. STILL ON W BANK OF CK. OCCASIONAL DRY, MINOR GULLIES ENTER INTO THIS ONE, GIVING GENTLE, ROLLING TOPO. NO O/C EITHER SIDE OF STREAM. OCCASIONAL FLOAT ON GULLY BANKS, IS DOMINANTLY VESICULAR BASALT, WITH UP TO 1.5cm VESICLES
- IN CK, SEE BSLT + RARE FS-PORPH, GREY ANDESITE (?). ALL WELL ROUNDED elev. 5120'
- HEAD E, RESTART CHAIN.

MM59 - AT 90m. SR Qtz FLOAT BOULDER, ~ 0.5m X 0.2m, WHITE AND FAIRLY COARSE GRAINED. NO IDEA OF HOST ROCK.

- AT 300m, HAVE SEEN NO O/C!
- ~~HEAD S.W., RESTART CHAIN~~ OCCASIONAL FLT. VESI. BSLT
- HEAD W. BACK TO CK.
- RESTART CHAIN, CONTINUE UPSTRM.

NEVILLE CROSBY INC.

- AT 237m, STILL NO O/C, BUT SEE PALE FBR FLOAT AS WELL AS BSLT
- AT 246m, HIT JB7C-112
elev. 5200'

59a - AT 320m, STILL NO O/C. BUSH IS SLIGHTLY MORE OPEN TO EAST, BUT NO ROCK. FLOAT INCLUDES A FINE GRAINED, DK BRWN-BLK VOLCANIC. V. FINE MAFIC PHENOS. ⇒ ANDESITE?

H.S

CONTINUE UPSTRM

59b - AT 360m, A TRIB. STREAM, FLOWING INTO MAIN STREAM FROM SE., FLOWS MODERATELY STRONGLY NORTH.
- MAIN STREAM IS BEARING ~040°

MM60 - HEAD UP SE TRIB. AT ~40m, LG. MOSS-CLIFFY O/C ON NE. BANK.
- PALE PINK TO PURPLE WEATHERED VOLCANICLASTIC SEQUENCE. O/C ~ 15m VERTICAL. AT BASE, IT IS A V. FINE GRAINED, PALE PINK ASH-TUFF,

NEVILLE CROSBY INC.

MM60 - GRADING UPWARDS INTO A PALE PURPLE CRYSTAL TUFF (FS PHENOS, QZ EYES). 2 LAYERS SEPARATED BY A THIN 2mm BAND OF BLACK, FINE GRAINED MATERIAL. - H<5.

- ROCK COARSENS UPWARDS INTO A XTAL LAPILLI TUFF, WITH INDIVIDUAL CLASTS UP TO 6" LONG DIAM.
- MORE CONGLOMERATIC THAN BRKX.
- LGER. CLASTS TEND TO BE DK GREY, AUT'd FS PORPHYRITIC BASLT, IN A FINE, PALE PURPLE MATRIX, NOT AS WELL INDURATED AT TOP OF SECTION.
- C/Ng: 290/20 SE POOR (OR BEDDING) ↗
- O/C ONLY AS HIGH AS GULLY (10-15m) THOUGH OPEN GRASSY SLOPE CONTINUES UPWARDS.
- O/C CONTINUES FOR 40m, THEN NO MORE - ONLY GRASSY SLOPES
- BACK TO MAIN STREAM.

NEVILLE CROSBY INC

- STILL SEE VESIC. AS WELL AS FINE GRN BSLT.
- BSALT. OFTEN STRONGLY OLIVINE AMYGDALOID, WITH DK. RED BROWN ALTERED FLECKS AS WELL.
- CONTINUE UP MAIN STREAM RESET CHAIN.

elev 5200' ∠ CHANGING ~~FAC~~ (PT)

-60a - AT 90m. SUB-VERT. CLIFF o/c OF SIMILAR ROCK TO MM60. THIS IS SLIGHTLY MORE GREY IN COLOUR.

- LAPILLI TUFF.
- COARSE TUFF IS INTERBEDDED WITH FINE ASH TUFF i.e. NO VISIBLE GRADING.
- BEDDING: 040/20SE (Good)
- ROUNDED, LG. CLASTS ARE MEDIUM GRY, QFP - ANDESITE?, WITH OCCASIONAL DARK GRN. PHENOS.

2 H.S.b.

- NOT ON E. SIDE OF GULLY.
- FLOAT IN CK IS: SAME ROCK, VESICULAR BSLT, PORPH BSLT, DK. RED-BROWN WEATHERED BSLT.

NEVILLE CROSBY INC.

60a- O/C FORMS CLIFFS ~ 25m HIGH, THEN SLOPES W, ALMOST TO TREES.
- O/C ~ 30m LONG. OPEN AREA CONTINUES UP BANK. NO ROCK E. BANK

60b - AT 165m. UP ON W. BANK, ~ AT TOP OF CLIFFS (CLOSE WITH). OPEN GRASSY AREA HAS ABUNDANT FLT. OF SAME PURPLE-GREY XTAL TUFF. ROCK AS 60a.
- EXTENDS TO TREES. LIES ON VERY RECESSIVE O/C OF SAME ROCK.

60c - AT 196m. SAME ROCK O/C'S ON SE CK. BANK. O/C ~ 10m HIGH CLIFF O/C ~ 20m LONG

- AT 342m. SMALL O/C IN GULLY CLIFF, ~ 3m HIGH, 10m LONG, ON E. BANK.
- PALE GREY XTAL TUFF WITH CAPIUM.
- SAME AS 60c.
- CREEK FLOWS SOUTH

- SAME O/C AT 362, 10m HIGH

NEVILLE CROSBY INC.

- 600 - SAME %/C CONTINUING ON E. BANK AT 400m - MAX HEIGHT OF 15m, THEN SHRINKS AGAIN. POOR BEDDING DIPS GENTLY SE. VERY MOSSY + RECESSIVE.
- SWINGS E. AWAY FROM CREEK AT 430m.
- CK LIES IN A GENTLY SLOPING AREA WITH NO STEEP BANKS.

- AT 550m, CK. CURVES NE
- AT 580m, CK. CURVES N AGAIN (S)

- AT 725m, ENTER SLIGHTLY OPEN, SWAMPY AREA, TRENDING NE/W

600 - AS E. END OF GULLY, SWAMP DRIES + HEADS E. . ON N BANK IS A SMALL OPEN AREA OF PERVASIVE BSLT. FLOAT, 20m LONG, 5m WIDE. INCLUDES:
1) VESICULAR BSLT - LARGE VESICLES
2) DK BLACK - GRN, WKly chloritized? (H<S) BASALT, SLIGHT SPECULAR LUSTRE
3) DK GREY - BLK FINE GRD BASALT

NEVILLE CROSBY INC.

60e

3) Wkly FS PORPHYRITIC.
~ 45m E OF CK. JUNCTION.

- HEAD EAST TO FOLIAN GULLY

- AT 230M, IN SLIGHTLY OPEN AREA, OF DRY SWAMP.
- SMALL, BUT MODERATELY FAST CREEK ENTERS FROM S, ON A BEARING OF 200°.
- CK. CROSSES SWAMP, THENCE ~N
- GULLY-SWAMP CONTINUES

- BACK TO JCT.

60f - FOLIAN GULLY TO WEST.

- AT 97m, ON S. BANK, IS SMALL "TREE" CROP OF PALE BUFF GREY ASH-XTAL TUFF. SIMILAR TO 60 b etc. ONLY 1m x 1m SHOWING.
- AT 215m, CK. STILL FLOWS E. OPEN GRASSY BANKS, BUT NO O/C.
- ONLY BOUT-FLOATS

NEVILLE CROSBY INC.

- AT ~ 230m, STRM ⇒ SWAMP.
- HEAD W FROM 60f.
- RESTART CHAIN.

- AT 145m, HT E SIDE OF SWAMP, AT 180 HT W SIDE OF SWAMP.
- FOLIAN ck 30m, (FROM 200mW).
- LG. CLIFFY o/c + FLAT FIELD // to SWAMP, WHICH ENDS IN A LAKE, AT 350m

60g - ROCK IS A WKLY VESICULAR, FS-HBL PORPHYRITIC, DK. GREY BISSUIT.
- WEATHERS GREY-BROWN.
- EXTENDS // TO SWAMP FOR ~ 150m.
- o/c ITSELF IS ~ 30M UPSLOPE, AND ~ 25M HIGH.
- FLOAT EXTENDS TO SWAMP. ROCK WEATHERS INTO ROUNDED "GLOBULES" WITH OCCASIONAL ROUNDED FRACTURES
- TOP OF o/c AT 5790'. (45m UP).
- HEAD W. FROM UPPER CORNER OF o/c, ABOVE 60g.
RESTART CHAIN

NEVILLE CROSBY INC.

- AT 300m, CAN SEE AN OPEN, SWAMPY AREA ~ 50m S.
- NO O/C, ONLY FLOAT BSUT, VESICULAR, OR SIMILAR TO 60g

- 330-360m, FLOAT BSUT FIELD, ~ 50m WIDE.
- ROUNDED, RECESSIVE BOULDERS OF GREY-BRN. VESICULAR BSUT

- 360h. AT 450m, HIT LARGE SWAMP!
- AT 597m, HIT * FAR (W) EDGE OF SWAMP
- AT 648m - DRY GROUND

- AT 1071m. to 1128m. FLOAT FIELD OF VESICULAR BSUT, OCCASIONALLY FS PORPH. ~ 60m+ WIDE.
*PERSISTS TO ~ 1325m

- 1400 to 1575m - 100m WIDE FLOAT BSUT FIELD - VESICULAR.

NEVILLE CROSBY INC

. -60i - AT 1671m.

- O/C ~ 60M LONG, ON E. BANK OF DRY GULLY. FLOAT EXTENDS DOWN TO GULLY BASE. O/C ~ 15M HIGH. TONS OF FLOAT AROUND. GULLY TRENDS ~010. QUITE AN OPEN SPACE.

elev 5740'

- DK. GREY-GRN. OLIVINE AMYGD., FS-PORPH., SLIGHTLY VESICULAR BSLT. WEATHERS MEDIUM. GY-BRN

-1880 to 1940m, SWAMP WITH TINY LK

-2080 m, AM AT ROAD ☺

- RESTART CHAIN, UP TO FRANK'S. 438m N. TO FRANK'S

NEVILLE CROSBY INC

SUMMARY
JUNE 12/07 TRAV. 26

SAMPLES MM7C-60, 61

- MAPPED UPSTREAM OF TZK-6, WHICH IS A STRONG LINEAMENT.
- NO O/C UNTIL ~5200', WHERE SEE A PALE PINK TUFFACEOUS SEQUENCE.
  - LOTS OF FLOAT BASALT AROUND
  - FURTHER UPSTREAM, CREEK BRANCHES E/W. TO WEST, GET SEVERAL LG. CLIFFY OUTCROPS OF DK GREY, WKLY OLIV. PORPH. BASALT.
- NO EVIDENCE FOR A FAULT THRU THIS CREEK, BASED ON ROCK COMP, BUT GULLY IS WELL DEFINED.
  - RARELY SEE STEEP BANKS.

- MM7C-60 IS WHITE QZ FLOAT, FROM ~200m E OF GULLY, IN AN AREA OF NO O/C.

NEVILLE CROSBY INC.

Project M580	NTS 920/8	Scale 1:15480	Page 1 of 1	Traverse 27
Sampler MM	Location, Target (words)		Sample Nos MM7C-61, 62, 63	
Date JUNE 13/87	photo no. BC7586-0180		Cert. Nos	



DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (100/40 N)

BC11666 o-CSM

SAT, JUNE 13, 1987

TRAV. 27 920/8

60j - AT JCT. OPEN HILLSIDE, No o/c. FLOAT OF DK BROWN-GY, FINE GRAINED, WKLY FS-PORPH. BSLT.
- SA CHIPS. elev. AT JCT: set to 5950'
- START CHAIN, TRAV. W TRIB. CONTAINING T7C-5

60k - AT 253m., ON OPEN GRASSY SLOPE - NO o/c. FINE GRAINED BSLTIC FLOAT, AS WELL AS PALE GREY-BROWN FS-PORPH, WKLY AMYGDULAR BSLT-ANDESITE. H.S.
- AT 400M, NO ROCK N OR S. GRASSY SLOPES HAVE OCCASIONAL BASALTIC FLOAT.

- AT 678M HEAD N RESTART CHAIN

60l - AT 165m, SMALL N/S GULLY WITH DK. GREY, FINE-GRAINED BASALT, WITH RUSTY WEATHERED AMYGDULES. o/c ~ 10M HIGH, 25M LONG
- SIMILAR o/c TREND ~ N/S TO EAST + WEST OF THIS ONE.

MM61 - AT 285 m, elev. 5490'
- SMALL o/c OF BROWN-GY WEATHERED PORPH BSLT. ALTERED RIM OF OLIVE BROWN PORPH, WHICH LOOKS ANDESITIC, BUT CORE IS DK. GREY. BSLT?
- FS + MAFIC PHENOS.

NEVILLE CROSBY INC

MM61 - SURROUNDING ROCK IS NOT AS PORPH.
- BUT A F.G'd BSLT.

MM62 - AT ~ 350m, HIT SHARP GULLY ON S. BANK, O/C IS A STRONGLY ALTERED, VESICULAR BSLT?
- BROWN-RED WEATHERED, BUT MOTTLED GREY / PALE BROWN / YELLOW ON FRESH SURFACE.
- ROCK ~ 50m LONG (SPORADIC), + EXTENDS TO GULLY. ELEV. TOP 5500'

MM63 - ON N SIDE OF GULLY. SIMILAR O/C TO MM62, BUT LESS ALT'd. RED-BROWN / GY WEATHERED - FORMS NON-CRYSTALLINE THUNDER EGGS
- PALE BRN FRESH SURFACE - STRONGLY VESICULAR + PORPHYRITIC (QZ + FS.)
- FLOAT DOWN TO GULLY, WITH O/C NEAR TOP OF OPEN SCOPE, ~ 75m LONG.

63a - NEAR LOWER PART OF SCOPE, O/C'D OF WELL CLEANED, BROWN / GY WEATHERED FINE GRD BASALT. WKLY VS. PORPH. SLIGHTLY SANDY TEXTURE.
* GULLY IS DRY.

NEVILLE CROSBY INC.

- BACK TO MAIN STREAM, CONTINUE W.
- RESTART CHAIN
- AT 210m, SMALL STREAM, FLOWING N, HITS ⊥ TO MAIN STREAM, ON S. BANK. LACK OF STRONG GUM BANKS HERE.

- RESTART CHAIN AT T27C-S (WENT BACK)
- AT 30m, X STREAM ENTERING FROM S
- CONTINUE ALONG MAIN STRM, ~SW
- TO WEST, STRM. DIES OUT AT ~ 150m. OPEN BANKS TO N

MAIN STRM!

- AT 220m - 5500' elev. STRM. TAKES SHARP RIGHT TURN, + TERRAIN GETS STEEPER. FLOWS NNE.

636- AT 245m. RECESSIVE, CLIFFY o/c's OF WELL ROUNDED, DK. GY WEATHERED BLACK, GLASSY VOLCANIC - PORPHYRITIC.
- SAME ON BOTH SIDES OF CREEK. ~ 10m H.
- 30mL ON S. BANK, 40 m LONG ON N. BANK.
- LOTS OF BSLT. FT IN STRM GUM.

NEVILLE CROSBY INC

- AT 350m, CK IS DRY
- AT 430m, CK FLOWS AGAIN! (NB)
- AT 560m. elev. 5790'
  - MODERATELY STEEP, BUT GRASSY BANKS, NO O/C, JUST DOMINANTLY FLOAT BSLT
- AT 600m - ~~BRUTEL NOW~~ 5800'
  - SLIGHTLY MORE OPEN FORGET TO N.
- 825m. CK ~UNDERGROUND. 6000'.
  - SEE OCCASIONAL BSLT FT, AS WELL AS R FLOAT PEBBLES OF PALE GREEN, AUTOLITH PORPHYRY?

63c - AT 925m. SUB-VERTICAL CLIFF O/C ON S. BANK OF GULLY. SLIGHTLY OPEN AREA. O/C ~ 20m HIGH, 30m LONG. ROCK IS A DARK BRN/GY, FINE GRAINED BSLT, WITH A "SANDY" TEXTURE. WEATHERS PALE GY-BRN, WITH A WELL DEVELOPED FRACTURE PATTERN: 185/70 ~~NE~~
- CONTINUE UP GULLY, WHICH TRENDS W-SW.

- AT 1015m. 10m x 10m FLOAT FIELD OF DK GREY SANDY BSLT. CAN NO LONGER DISCERN GULLY, SO HEAD SW FROM HERE (225°)

NEVILLE CROSBY INC.

63d JUNE 13/87

- AT 1060m - SILL IN 10m WIDE FLOAT FROM
- BSLTIC FLT INCLUDES FINE GRAINED, DK. GY BSLT, AS WELL AS DK. GREY, APHANITIC, WKly FS-PORPHYRITIC BSLT, WITH RARE QZ EYES - H.S.

- 63e - AT 1160m SUB-VERT. CLIFF O/C IN OPEN AREA WITH SNOW. WELL CLEANED FINE GRAINED DK. GREY BASALT.
- DROPS DOWN INTO GULLY ~ 10m NW
- WHAT LOOKS LIKE PALE GRN VOLC. O/C AT HEAD OF GULLY. BSLT O/C CONTINUES TO HEAD OF GULLY AT 1206m. elev. 6380'
~ 20m AT 340° IS [SM7C-38], + 5m PAST IT, TO ~ NW, IS [SM7C-39]
- PALE GREEN ROCK LOOKS LIKE AN ALTERED PORPH - SEE QZ EYES, + ALTERED MAFIC + FS PHENOS. IS V. SIM-ILAR TO WHAT I SAW AS FLOAT FURTHER DOWNSTREAM
* AT TOP OF GULLY, RESTART CHAIN, HEAD ~ SE ALONG E. EDGE OF TREES TOWARDS CLIFFY O/C.

NEVILLE CROSBY INC

- AT 15lm, AM IN LINE WITH N. END OF LAKE

- AT ~ 260m, WALK N TO LOOK AT CUFFY a/c's. MAP IN BY PHOTO ONLY

* LOOK AT THIS TOMORROW *

- BACK TO ROAD VIA BORUN CK. TRIB.

NEVILLE CROSBY INC.

SATURDAY, JUNE 13, 1987

TRAV. 27

SAMPLES: MMTC - 61, 62, 63

- TRAV UPSTREAM FROM JUNCTION, ALONG STREAM CONTAINING TZTC-S.
- V. LITTLE ROCK (O/C) IN ACTUAL GULLY. TO N, IS AN OPEN HILLY AREA OF BASALTIC ROCKS - STRONGLY AUTERED, PORPHYRITIC, VESICULAR BSLT.
- O/C OF BLACK, SLIGHTLY GLASSY, FS-PORPH. VOLCANIC FURTHER UPSTREAM.
- AT HEAD OF GULLY, IS O/C ING OF FINE-GRAINED DK. GREY-BRN BSLT.
- FLOAT IN GULLY IS MAINLY BSLTIC, + NEAR HEAD, CONTAINS SR PALE GRN. ALT'd VOLCANIC FLOAT.
- GULLY BANKS ARE NOT CLIFFY, BUT MODERATELY WELL DEFINED. IN PLACES DON'T HAVE BANKS AT ALL. POSSIBLY A V. SMALL DISPLACEMENT ON A BLOCK FAULT.

NEVILLE CROSBY INC

Project M580	NTS 920/8	Scale 1:5480	Page 1 of	Traverse 28
Sampler MM	Location, Target (words)		Sample Nos MM7C-64...	
Date JUNE 14/87	photo no. BC7[redacted]8180		Cert. Nos [redacted]	



GEOCHEM: Cu Mo Pb Zn U W . ASSAY:

SILT X SOIL ● ROCK ■ PAN △ WATER ○

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED- - - ASSUMED.....

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

ATTITUDES (~100/40 N)

BC16662a-CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

M580: SUNDAY, JUNE 14, 1987

TRAN. 28

- WALK UP BORNICK TRIB. TO SMALL LAKE ON OPEN PLATEAU. elev. 6295'
- START TRAN. HERE. CHAIN ME TO CLIFFS
- AT 135m, AM AT TOP OF CLIFF. BSUT. NOB TO N. ~6250'

63f: SMALL o/c OF DK BLACK, APHANITIC BSUT w/ FINE QZ EYES + RARE FS PHENOS. WEATHERS PALE GY.

MM64 - ~ 2m E OF 63f. EXTENSIVE o/c OF BRICK RED - BRN PORPHYRITIC VOLCANIC FORMS CLIFFS THAT RING THIS OPEN AREA ~ 150m LONG. WEATHERS GY-BRN WITH A LUMPY TEXTURE. CONTAINS QZ EYES, FS + MAFIC PHENOS, AND IS OCCASIONALLY BRXX'd TO FLOW BANDED! WHITY VESICULAR IN PLACES. FLOW BANDS ARE OF DK. BLACK POSSIBLY FRAGMENTAL MATERIAL.
- FLOW TOP OR BOTTOM ???

64a – FOLDING TOP OF o/c TOE. AT ~10m, AM IN DK. PORPH. BSUT SAME AS 63f

- AS TRAN. E, o/c IS CONTINUOUS, BUT COMP. VARIABLE. GRADES FROM DK. GREY-BLU OFF BASALT, TO DK. BROWN OFF BASALT, TO BRXX'd, CONTORTED PINK-RED ROCK SIMILAR TO [64]. DK. CLASTS + BANDS HAVE SIMILAR LOOK TO DK BLACK, SLIGHTLY SPECULAR LUSTER'd BSUT, FOUND IN o/c BY ITSELF.
- o/c WEATHERS RED-BROWN TO GY-BRN. H.S. 64a DK, SPECULAR, OFF BSUT.

- COMP VARIES ACROSS ENTIRE o/c STILL BSUTIC THOUGH (I THINK)

* THERE IS A NARROW ~10m HIGH o/c AT TOP OF SLOPE CHANGE, WHICH IS ALMOST AS LONG AS THIS ONE. ABOVE SNOW PATCH. MAPPED BY SM?. ~20m ABOVE E END OF THIS o/c

LEVEL (S)

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA DUKSBAK WATERPROOF

.646 HEADING N AROUND CLIFFS. DOMINANTLY WK BRXX - BRICK RED VOLCANIC T.T.P. HEAD DOWN TOWARDS PALE GRN. RODS, THROUGH BLK, APHANITIC, QFP BASALT, AND FINE GRAINED GY-BRN, SLIGHTLY SANDY BASALT.

64c - BRIGHT RED-BROWN o/c ~10M WIDE,

#646 CONTAINS PALE YELLOW-GRN BANDS, (CONVOLUTED), WHICH ALSO SEEM TO FORM CLASTS. ~~AERIAL~~ AERIAL DEPOSIT? H.S

NEVILLE CROSBY INC

64c - DK. RED-BROWN (BLACK) FINE GRAINED VOLCANIC, MOTTLED WITH ~~PALE~~ OLIVE-GRN MATERIAL. FS PORPH + QZ EYS. POSSIBLY ALTERED OLIVINE BSLT.
CONTINUES ACROSS SCOPE BETWEEN TREES. elev. 6170'.

MM65 - ~10M BELOW 64c o/c. PALE GRN ALT'd VOLCANIC. LOOKS PORPHYRITIC + TUFFACEOUS IN PLACES. LIES BELOW BRICK PORPHYRITIC VOLCANIC, BUT ISN'T IN CONTACT WITH ANYTHING.

MM65 - o/c ~ 5m LONG, 2.5m HIGH.
FLOAT EXTENDS DOWN TO TREES.
- HEAD 060° FROM BOTTOM OF OPEN 'V' AREA.
- START CHAIN. elev 6090'

65a - AT 425m. SMALL CLEARING. o/c OF DK. GREY-BRN, FINE GRAINED BASALT. LOTS OF SAME FLOAT. ~ 10m LONG, 10m HIGH, 11 TO 060

65b - AT 485m. OPEN AREA OF DK. RED-BROWN WEATHERED VOLCANIC.
- DK GRY-BRN MOTTLED WITH OLIVE GRN. FS. PORPH + OCCASIONAL Qz. EYES.
- BASALTIC. SIMILAR TO '65a'
- CONTINUES FOR ~ 50m.

- AT 620m, elev. 5730' OPEN AREA ENDS. GULLYS (STEEP) TO N AND S, RUNNING ~ 060°, ∥ TO THE ~ OPEN RIDGE I'M ON.

- HEAD S DOWN INTO GULLY.

NEVILLE CROSBY INC.

65d - ~50m ABOVE SM CREEK. O/C IN OPEN AREA, OF PORPHYRITIC WKly FIRN BANDED TO MOTTLED, PURPLE-BROWN RHYOLITE. V. SIMILAR TO "SKINNY RIDGE ROCK". O/C ~ 30m², 10m HIGH. ELEV. 5510'

65c - SMALL O/C OF FINE GRAINED DK GREY/BRN BSALT.

65e - 10m X 10m O/C IN OPEN AREA, OF DK. BLACK/GY, FINE GRAINED BASALT. SLIGHT SPECULAR LUSTRE + WKly FS PORPH. (SEE CLUB). ELEV 5590'

65f. OPEN MOUND - RED BROWN WEATHERED, MOTTLED DK. BROWN/BLACK BSALT. FS P

- WALK BACK TO MM65
- CONTINUE SE ALONG BASE OF CLIFFS.

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

65g. WALK THRU TREES BETWEEN 2 MAIN OPEN AREAS. HUGE FIELD OF FLAT, ANGULAR, DK GREY-BLACK, V FINE GRAINED BASALT. WKLY B. PORPH, W/ RARE QZ EYES WEATHERS DK. PURPLE-BROWN: NARROW 20m LONG O/C OF SIMILAR ROCK.

65h CLIFFS OF SAME ROCK AS MM64. VARIES FROM DK. BRICK RED TO BLACK, WITH QFP (MINOR). WEATHERS BRICK RED.

65i - ON N. TREE BOUNDARY AT TOP OF CLIFFS OF PALE GRN ALT'd VOLCANIC ROCK. GRN FLOAT STARTS ABOVE ACTUAL O/C! elev. 6040'. GRN. ROCK IS EXTREMELY VARIABLE. GENERALLY PALE YELLOW-GRN MOTTLED ON WEATHERED SURFACE, WITH FAINT BLUE-GREY WEATH. COATING. RANGES FROM DARK GREEN CHL-SERP ROCK, TO A GRANULAR, PORPH VARIETY, TO A MOTTLED TUFF-ACEOUS ROCK. H.S. O/C ~40m LONG, FLOAT CONTINUES TO BASE OF TALUS ~ 25m HIGH.

65i - o/c DISCONTINUED FOR ~ 30m, THEN o/có IN NARROW SPUR THRU WOODED AREA. ROCK IS MORE UNIFORM HERE - PALE GRN, EQUIGRANULAR - NOT CHLORITIZED. WEATHERS PALE GRN-BRN. IS NOT IN CONTACT WITH ANY OTHER ROCK, BUT;

65j - SMALL 5m × 5m o/c OF STRONGLY WEATHERED, DK BROWN/BLK, V. FINE GRAINED FEATURELESS BSUT. o/có JUST SE (5m) OF END OF GRN ROCK. CANT SEE CONTACT. H.S. TAPERS OF GRN ROCK CONTINUES TO TREES.

- GRN o/c ~ 25m LONG, 15m HIGH

65j - ALSO o/có IN SMALL DISCONT. o/c BELOW GRN ROCK TO W! CANT SEE CONTACT DUE TO FLOAT.

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

65j 247/50 NW. (FAIR)
- REGULAR SURFACE ON BSUT.
- CONTACT?

MM66 - ROCK WEATHERS STRONG RUSTY BROWN, WITH A PALE BROWN ALTERED INNER CORE. PALE BUFF BROWN, WKly VESICULAR TO NON-VESI. FINE GRAINED.
- ALT'd BSUT?
- LOOKS DIFFERENT THAN 66a

* IN FLOAT, SET BUFF VESIC. ROCK CLASTS WITHIN GREEN ROCK

66a - LONG, LINEAR d/c, BEDDING 64. d/c.
- BRICK RED TO RUSTY WEATHERED BSUT. WK FS PORPH. TO NON-P - VESICULAR
- DARK PURPLE-BROWN COLOUR. V. SIMILAR TO MM64
- ALSO DK. BROWN-BLK FSP - FINE GRAINED.
CLIFF BOTTOM AT ~ 6000'

666. THRU TREES → S TO LAST CLEARING. MOSTLY FLAT, BUT NEAR TOP OF TREES IS A RIDGE OF WELL CLEARED, DK. BROWN-PURPLE WEATHERED VOLCANIC. NOT AS RED AS 669, BUT STILL RUSTY.
- ROCK IS A DK. PURPLE/BRN, FINE GRAINED BSLT WKly FS PORPH T/OR AMYGDOLOIDAL. LOTS OF ANGULAR FLOAT OF THIS.
CLNG: 062/15 SE (6000)
elev. 5960'
- START CHAIN AT S. EDGE OF CLEARING, HEAD S TO GULLY
- AT ~ 150M, HIT STRONG GULLY (BOTTOM.) elev. 5940'. HAVE BASICALLY CONTOURED SINCE STARTING CHAIN. CK IN GULLY FLOWS EAST.

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

66c - ~ 20m DOWNSTRM. elev 5900'.
SMALL 10m x 10m o/c OF DK GY-BRN,
APHANITIC BSLT. LOOKS "CHERTY"
- WELL CLEAVED: 315/64 SE (600)
ON S. BANK.
- ADJACENT TO STRM, ROCK WEATHERS
V. "CUMPY" AND IS A DARK
RED-BROWN, MOTTLED WITH BLK.
- VERY ALTERED
- SIMILAR TO MM 64.

66c


- RESTART CHAIN, HEAD UP GULLY

- AT 125m: elev 6060'. 10m Hx SML
O/C OF PK. GREY, FINE GRAINED,
FEATURELESS BSLT, ON S. BANK.

66d - At 150m elev 6090'. IN N. BANK,
- WELL FRACTURED, (RANDOM) WHLY
BRKX'd DK VOLCANIC, SIMILAR
TO 66c.
~10m C, 5m H

66e - SMALL o/c - 5m x 5m AT TOP OF CLEARING ON N. BANK.
LOTS OF FLOAT DOWN TO GULLY.
- ANGULAR/WELL FRACT'd, DK GREY-BRN, FINE-GRAINED BSLT.
- WEATHERS GY/BRN
- AT 236m elev 6160'
- CONTINUES TO ~278m.
- AT 290m, GULLY PETERS OUT
- HEAD NW. TO CLEAR AREA
- AT 360m, AM IN CLEAR. elev 6250'

- AT 625m elev 6390'
- AT ~700m, HIT LAKE.

- BACK AT ROAD, AT BORN CK. TRIB.
- RESTART CHAIN + MAP W ALONG ROAD

- 66f - AT 45m, ON N. BANK. o/c of BLACK, GLASSY VOLCANIC, WITH MK FS. PHENOS + TINY QZ EYES (<1mm)

LEVEL (S) o/c ~ 5m x 5m.

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

MM67 - AT 180m ON N. ROAD BANK.
- WHITE, R, Qz FLOAT BOULDER.
- WHITE TO PALE BROWN, APLITIC Qz. NO INDICATION OF HOST ROCK

67a - AT 360m. ON N. BANK OF ROAD. o/c OF BLACK, GLASSY, STRONGLY PORPHYRITIC VOLCANIC. - FS, Qz o/c ~ 2m HIGH, 8m LONG, IN ROAD BANK.

- AT 450m, FLT. IS DOMINANTLY BSUT, BUT ALSO SEE PALE YELLOW-BEIGE AUTH TUFF?
- AT 493m, CROSS CK, ⊥ TO ROAD, FLOWS SOUTH
67b - AT 575m, ON N. BANK. SMALL PILE OF FLOAT (ANG) IN FRONT OF SHORT CAT TRACK. o/c TORN UP BY CAT? ROCK IS A PALE BROWN WEATHERED, VESICULAR BSUT. VESICLES ARE WEATHERED TO RUSTY BRN, AND ARE STRETCHED. FRESH ROCK IS DARK

676 - GREY-BRN, WITH RUSTED VESICLES + RUSTY AUT'd PHENOS/AMYG.'S.

- MAPPED BROWN + GREEN CMFTS TO E. OF .6469.
- DOMINANTLY BRICK RED FS-PORPHYRITIC BASALT - IN PLACES LOOKS LIKE A FLOW.
- ALSO FINE-GRAINED TO APHANITIC DK-GREY FSP BSALT.
- GRN ROCK IS POSSIBLY AN AUT'd DACITE ?!
- FURTHER NE, ROCKS ARE BSLTIC EXCEPT RIGHT AGAINST CK MAPPED BY SM, WHERE IT IS FBR, SIMILAR TO MM 46.

- STRONG 030° LINEAMENT HAS SAME ROCKS ON BOTH SIDES, BUT ARE STRONGLY FRACTURED. GULLY IS V. STEEP + WELL DEFINED, SO MAYBE A FAULT WITH ONLY MINOR DISPLACEMENT. →

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

- I THINK THIS FAULT JOINS UP WITH THAT SEPARATING MM36, 37.

- MAPPED ROAD N FROM BORUN CK TMB. FOR 600m. ALL BSUT O/C, THOUGH V. SPARSE!

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL • ROCK ■ PAN △ WATER ○

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

ATTITUDES (/100/40 N)

BCIL 6662d-CSM

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED .....



Project | NTS | Scale 1:10,000 | Page | of | Traverse

Sampler | Location, Target (words) SM's o/c6 + LAKES | Sample Nos

Date | photo no. | Cert. Nos

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

Project	M580	NTS	920/8	Scale	1:15480	Page	1 of 2	Traverse	29
Sampler	MM	Location, Target (words)	OPEN RIDGE ON PEARL CLAIMS			Sample Nos	MM7C-68,69		
Date	JUNE 15/87	photo no.	BC7605-29			Cert. Nos			

WSC—o—CSM ATTITUDES (~100/40 N)

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

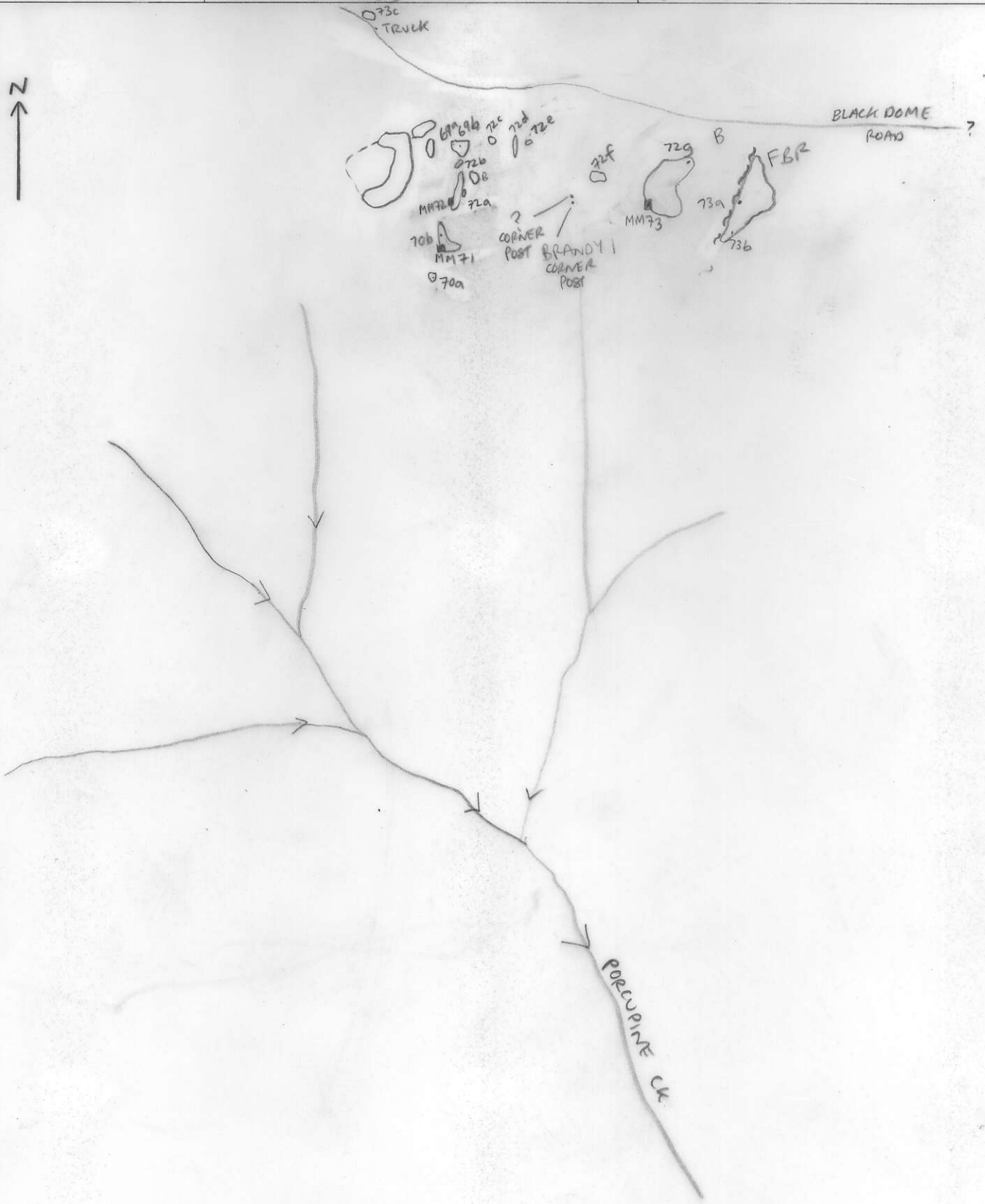
SPECIMEN SITE A,B,···; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED .....



CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project M580	NTS 920/8	Scale 1:15480	Page 2 of 2	Traverse 29
Sampler MM	Location, Target (words) OPEN RIDGE ON PEARL CLAIMS		Sample Nos MM7ç - 68	
Date JUNE 15	photo no. BC7583-105		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

BCL 6662 o — CSM ATTITUDES (100/40 N)

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

MONDAY, JUNE 15/07

TRAV. 29

- CHAINAGE FROM DUMP TO BLACKDOME ROAD: 34.23
- CHAINAGE ALONG BLACKDOMB ROAD FROM TURNOFF 35.12

- BORNICK TRIB TO DUMP: 33.45

PARK AT 37.97 (2.85 Km past turn) elev. 5860'

676- PARKED TRUCK IN SAME PLACE AS JUNE 6, BETWEEN 2 PEAKS.
- WALKED UP ALONG TREELINE TO TOP OF W. PEAK. elev AT TOP = 6315'.
- ROCK IS A OK GREY TO BLACK FINE GRAINED, VESICULAR BASALT.
- VESICLES GENERALLY < 3mm DIAM, AND IN PLACES ARE RUSTY WEATHERED
- ROCK WEATHERS LUMPY, WKly RUSTY-GY COLOUR.

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DURSBAK WATERPROOF

LEVEL (S)

67b - o/c FORMS RING AROUND PEAK, + FLOAT → E.
- o/c CONTINUES, GENERALLY RECESSIVE, → W ALONG RIDGE CREST

67c - elev 6180'
- RESISTANT CLIFFY o/c, ON SE. SIDE OF NOB. RUSTY - GY WEATHERED ROCK, WITH A WELL DEFINED FOLIATION? OR FLOW BAND? 004/18 E
- ROCK IS A MEDIUM GY, MASS. BSLT, WITH BUFF WEATHERED STRETCHED VESICLES. tr S.

67d - ON 2nd PEAK TO E. elev 6280'
- ROCK BRICK RED WEATHERED, OCCASIONALLY SHOWING FLOW FEATURES, SIMILAR TO MM64.
- LINE OF RIDGE RUNS NE/SW

-676 - TO BLACKDOME: 216°
TO N. PEAK: 022°
(seen from skinny ridge)
- HEAD E TO NEXT PEAK (6341')
- IN GULLY, elev. 6020'. FLOAT QZ VEIN, WITHIN GREEN MUSC. RICH METAM. ROCK. SEE OCCASIONAL MS-QZ FLOAT - WR, AS WELL AS GRANITIC GLACIAL ERRATICS.
MM68 - ~25m UPSLOPE, ADJACENT TO TREES. START OF LONG, O/C ~30m WIDE ALONG TREES.
- 68 IS A FINE-GRAINED, MEDIUM BRN V. AND? SLIGHTLY VESICULAR VOLCANIC, WITH CHALCEDONIC QZ EYES + STRETCHED VUGS. SMOOTH WEATHERED SURFACE, BUT FRACTURED
68a - DIRECTLY OVERLIES 68, IS A GY-BRN STRONGLY VESICULAR BSUT, WITH STRETCHED VESICLES + RARE QZ EYES.
- STRONG RUSTY TO YELLOW-BROWN ALTERATION. HAS A NUBBLEY WEATHERED SURFACE.

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF
LEVEL (S)

- UP SECT. THEN DK. BRN-PURPLE APHANITIC BASALT? WITH SMOOTH WEATHERED SURFACE, THEN MORE DK. BRN-RUSTY WEATHERED VESICULAR BASALT.

686 - V. WEL CLV'D, DK. BRN - PURPLE, V. FINE-GRAINED BASALT, FAINT RUSTY MOTTLED STRINGERS, + V. FINE FS. PHENOS.
CLVG: 242/60 NW (EX).
elev. 6120'

MM69 - AT TOP OF CLIFFS. 6120'
- CLIFFS DROP VERTICALLY ~ 20m? THEN END IN TALUS SLOPE TO TROBS.
- CLIFF ROCK IS A DK. RUSTY BROWN WEATHERED VESICULAR BASALT, FORMS OCCASIONAL HOODOOS.
- AT TOP OF CLIFFS - 69.
- WL. RUSTY BRN WEATHERED, WEL FRACTURED, SMOOTH, DK. BRN FINE-GR'd BASALT, WITH BUFF COLORED, DISCONTINUOUS FLOW BANDS? OR FRACTURE FILLINGS.
CLVG? 089/34S FAIR

- UPSLOPE FROM CLIFFS ARE OCCASIONAL RESISTANT KNUBBLY, VESICULAR BSLT NORS, IN A RECESSIVE BSLT BASE.

69a - RUSTY TO DK. BROWN VESIC. BSLT WITH A DISTINCT FLOW FOLIATION, SIMILAR TO 67c.
FOLIATION: 152/20 SW (FAIR)
- PROBABLY QUITE VARIABLE THICKN. AS CHANGES WITHIN O/C

69b - AT HEIGHT OF LAND, elev.

MM70 - WHITE TO PALE BROWN QZ FLOAT WITH DRUSY CAVITIES IN PLACES. NO INDICATION OF HOST ROCK.
- ON S. SPUR OF RIDGE ~ 20m FROM 69b

70a - AT LOWEST O/C, S. SPUR. elev 6100'
- RESISTANT O/C OF DK. BROWN, FINE GRAINED BSLT, WELL FRACTURED +

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

706a *SMOOTH CM WEATHERED TAN RUSTY STRINGER SIMILAR TO MM69

CL VG: 030/08 SE (FAR)

706b- 15m H o/c BAND CONTOURS AROUND S SPUR. DK GREY, WKly OLIVINE AMYG. BSUT. WEATHERS GY-BRN

MM71: IN SAME o/c STRETCH AS 706



- PINK YELLOW-BROWN CHALCEDONIC QZ VEIN IN WKly BRXX DK BRN-GY FINE GRD BSUT.

APPROX. TREND: 050/82 SE

- ~ 5" WIDE AT MAX.

- HOST IS DK BROWN-RUSTY AUT'd BSALT, WEK FRACTURED.

- NO OTHER VISIBLE SIGNS OF AUT'N.

elev. 6140'

- SEE ~ 1m VERT. OF VEIN

MM72: SAME QZ VEIN?
- CHALCEDONIC STOCKWORK?
- PALE BEIGE CH-QZ IN WKly BRXX'd, DK. GREY PALE GRN'd BSUT. VUGGY — RUSTY QZ + OCCASIONAL OPEN SPACES.
- O/C IS ~10M WIDE, TRENDS VP SLOPE. SE VEINING UP TO 3CM WIDE INDIVIDUALLY, ACCESS A 1M WIDE SECTION ON SW FACE.
- CAN'T GET A TREND.
elev. 6280'

726 - 5M ABOVE MM72. NARROW BAND ~ 1M WIDE, TRENDS // TO O/C. PALE GREY BRXX'd VOLCANIC?
- V.B



726. elev. 6300'. PALE RUSTY BRN WEATHERED O/C OF FRACT'd, PALE PURPLE ALT'd VOLC.

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

726 FRAC: 190/64 NW. POOR
- wk FLOW BANDING ?
⇒ RHYOLITE ? H.S
~ 1m THICK. OCCASIONALLY
STRONGLY PORPH. - AUT'd FS.
WITH RUSTY-RED PARTINGS.
- DIRECTLY OVERLIES A WELL
CLEAVED PURPLE-BROWN
FS. PORPH. BSUT ?
Clvg. 100/50 SW. FAIR

696 - AT PEAK, elev. 6320'
TO BLACK DOME: 228°
TO N PEAK: 002°
- ROCK AT PEAK IS BRICK RED,
SLIGHTLY CLASTIC TO FLOW BANDED,
WHICH VESIC. BSUT.
- STRONG RUSTY WEATHERED.

72c elev. 6250'. 20m ⊂x 10m w. o/c just S. of trees, heading W towards next ridge.
- DK. GREY, KNOBBY WEATHERED, DK. BLACK VESICULAR BSUT. STRETCHED VESICLES
- NO VISIBLE PHENOCRYSTS.

72d elev 6200'. SMALL o/c on edge of trees 10m x 10m. HIGHUM CLUB
DK. GREY FS. PORPH VOLCANIC BSUT OR DACITE?
- PALE BROWN WEATHERED, SMOOTH SURFACES. V. PALE QZ. EYES
- CONTINUES RECESSIVELY AT TO MIDDLE OF GRASSY SLOPE

72e. SMALL o/c ON EDGE OF TREES
DK BLACK VUGGY FS. PORPH. VOLC. VESICLES / STRETCHED VUGS HAVE BEEN AUT'd TO PALE RUSTY-YELLOW
- PALE QZ EYES
- POSSIBLY AUT'd OL. BSUT
H.S.

R. D. PENHALL LTD., MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF

LEVEL (S)

*

- CORNER POST #101071
  - BRANDY 1
    7N
  JOHN GASPARELLA
  FMC # 267353
  AUG 1, 1984 COULD BE 1974.
  - POST IS 20m E OF TREES
    elev 6080'.

* AT 016° FROM ABOVE POST, IS ANOTHER CLAIM POST
  - HAS NAILS ON N+S FACES, BUT TAGS RIPPED OFF.
  - 20m ALONG 016 FROM CORNER POST
    elev 6100'

- BOTH POSTS IN SADDLE.

72f. - UPSLOPE TO E. SMALL NOB OF PALE RUSTY BROWN WEATHERED BSUT? FINE FOLIATION IN WEATHERING PATTERN. DK GREY FRESH SURFACE WITH AUT'd AMYGDS. ⇒ OLIVINE GRN, SOFT
- AUT'd OLIVINE BSUT (?). NON VESICULAR. HIGHLY FRACTURED BEDDING. UNable ORIENTATION

72g - TOP OF PK. ~~EAST~~ OF [.6431'] elev. 6220'

MM73 - SLOPES OF PEAK ARE RECESSIVE O/C'D OF SLATEY, GY-BRN WEATHERED VOLCANIC. FRESH SURFACE IS GREY WITH PALE YELLOW-GRN AUT'd PHENOS. OCCASIONALLY WELL VESICULAR, ESPECIALLY NEAR WEATHERED SURFACE.
GOOD CNG: 244/54 NW
- FLAT OF THIS, COVERS HILLSIDE.

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73a elev 6080'. AT N/S SOLID LINE OF TREES. O/C OF PALE BEIGE-PINK WEATHERED, FBR. PURPLE-GRY ON FRESH SURFACE. WHITY FS. PORPH. FLOW BANDING TOO CONTORTED TO MEASURE. FORMS CLIFFS ~ 5m HIGH - POSSIBLE FAULT.

73b elev 6060'
- FBR CLIFFS ~ 15m HIGH.
GOOD FLOW BANDING: 093/69SE

HEAD N TO ROAD
- AT ~ 175 DPS N (MAG) HIT ROAD, JUST EAST OF SHARP TURN

- WALK W TO TRUCK, 585 DOUBLE PACES

73c - o/c IN ROAD BY TRUCK.
PALE GY-BRN WEATHERED.
- DK. GREY ON FRESH SURFACE, WITH PALE YELLOW ALTERED FLOW BANDS, OR STRETCHED VESICLES?
- RARE QZ EYES
- DACITE, RHYOLITE OR BSUT?

- DIRECTLY OVERLIES A DK. BROWN, WELL FLOW BANDED VOLCANIC, WITH OCCASIONAL QZ EYES (?)
- FLOW BANDING BEST SEEN ON WEATHERED SURFACE. ROCK IS STRONGLY WEATHERED, +/- HARD TO GET A GOOD SAMPLE

2 H.S's

elev. AT TRUCK 6000'

MONDAY, JUNE 15

TRAN. 29

SAMPLES MM7C - 68 to 73

- MAPPED OPEN RIDGES S. OF BLACKDOME ROAD, IN VICINITY OF PEARL CLAIMS.
- ROCKS DOMINANTLY BASALTIC, WITH POSSIBLY SOME DACITIC ROCKS. (?)
- MM7C - 71 + 72 ARE CHALCEDONIC Qz VEINS IN WkLy BRXX'd, FINE GRAINED BASALT. VEINLETS UP TO 3CM WIDE, COVERING A STOCKWORK AREA OF UP TO 1M. WIDTH.
- MM72 HAS SLIGHT BLEACHING OF SURROUNDING HOST ROCK.

- AT E END OF RIDGE (PART MAPPED) IS A SMALL (N/S) BLOCK FAULT EXPOSING CLAY FBR.

- LCP FOR PEARL IS POSSIBLY IN SADDLE BETWEEN 6341 + NEXT PEAK E. NO TAG, BUT WAS PROBABLY A RED ONE.

Project M580	NTS 920/8	Scale 1:15480	Page 1 of 1	Traverse 30
Sampler MM	Location, Target (words)		Sample Nos MM7C-74 to 78	
Date JUNE 16	photo no. BC7605-029		Cert. Nos	



DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED- - - ASSUMED.....

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER ○

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

ATTITUDES (100/40 N)

WSC-CSM BC16662a-CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

TUESDAY, JUNE 16/07

TRAV. 30

73d - e/en 6/00'.

~ 100m N OF BD. ROAD, ON HIGH POINT (LOCAL) OF NARROW OPEN RIDGE TRENDING ~ 145°.

MM74 - PALE GY-BEIGE WEATHERED, RECESSIVE o/c OF A FINE GRAINED CLASTIC ROCK? PALE YELLOW-GY ON FRESH SURFACE. Wkly VESICULAR - V. SMALL VESICLES. Qz EYES COMMON.

⇒ DACITIC TUFF (?)

74a - ~30m NW OF ■ 74. 10m x 10m o/c OF NFW CLIFF, RED-BROWN WEATHERED VOLC.

- DK GY-GRN, FINE GR'd WITH PALE OLIVE GRN SPHINGERS. ⇒ BSUTIC.
- LOOKS LIKE IT IS IN CONTACT ABOVE DACITIC TUFF.

clvg: 310/54 NE (GOOD)

74b - BSUT o/c's SURROUND OPEN KNOB, WITH FLOAT EXTENDING TO TREES. VARIES FROM 74a, TO A FEATURELESS, V. FINE GR'd DK. GREY BSUT WITH MICROFS PHENOS, TO AN OLIVINE AMYG. BSUT.

- WEATHERS GY-BRN TO BUFF TO PALE GY - WITH A SOFT CLAY WEATHERING

NEWLLE CROSBY INC 45 LF

74b - COATING THAT LOOKS LIKE LIMEY, BUT DOESN'T REACT TO HCl.

74c - EDGE OF TREES AT LOWEST PT. OF O/C elev. 5980'

- SMALL IN BSUT, BUT S.L.S, ROCK IS MORE VESICULAR, WITH THIN STRETCHED VESICLES, AND YELLOW-BRN ALT'N ALONG THEM, IN A DK GREY F.G'd BSUT.
- MM75 FLOAT QZ VEIN.
  - WHITE, EQUIGRANULAR, APLITIC QZ. NO HOST ROCK. MASSIVE - NO VUGS OR CRYSTALS.
- HEAD E FROM 74b.
- AT 90m, HT BLOWDOWN, STRETCHES TO 145m.
- HIT O/C A.T.P.

MM76 - ROCK IS A WKly BRXX'd, FBR WITH VARIABLE + CONTORTED FLOW BANDING. V. SILICEOUS.
- COLOUR IS CREME TO GY TO DK RED-BRN.
- WEATHERS PALE GY.
- NO F.B'NG TO MEASURE.

MM77 - STILL IN SILICIOUS RHYOLITE, WKLY FLOWBANDED, BUT STRONGLY CONTORTED - MORE OF A MOTTLED TEXTURE.
- A.T.P. RHYOLITE IS V. SILICEOUS + BRXX'd, WITH SILICA FLOODING. MATRIX IS PALE BROWN (ANKERITIC?) TO CREME CHALCEDONIC Qz, WITH OCCASIONAL DRUZY CAVITIES + Qz CRYSTALS ON BROKEN FRACTURE SURFACES.
⇒ LOOKS LIKE HOT ROCK!
- NO DEFINITE VEINING OR ORIENTATION, MORE OF A STOCKWORK. ROCK IS WKLY BLEACHED, BUT COULD BE DUE TO EXPOSURE.

77a - elev 6000'. RHYOLITE FORMS CLIFFS ~15M HIGH, THAT RISE ABRUPTLY OUT OF V. GENTLE TOPO. TO WEST. DISCONTINUED TO N, ALSO ABRUPTLY. SAME MOTTLED TO MODERATELY WELL FLOWBANDED, PALE GY TO PALE PINK TO RED-BROWN. NON-PORPHYRITIC.
- SIMILAR TO 73a,b. SAME FAULT?
- GULLY TO W IS VIRTUALLY NON-EXISTENT.

- F.T.P, HEAD NE TOWARD HIGH PT ON NEXT RIDGE TO EAST.

NEVILLE CROSBY INC 46 LF

776 - AT 255m elev 5840'
- IN BOTTOM OF DRY, 2m WIDE CK. GULLY. BANKS <1m HIGH, IN GENTLE TOPO. FLOAT IN CK IS DK PURPLE-BRN MOTTLED WITH PALE GY RHYOLITE.
- OCCASIONAL CHALCEDONIC QTZ BLEBS (BLUE-WH)
- S.L.S. NO O/C. SOME OPEN FOREST, NOT EVEN ANY FLOAT
- GULLY TRENDS ~160°

77c - ~290m, AND 20m AT 147° (UPSLOPE) 5850'
- I.D. POST FOR "PEARL"
- POST # 1N, 2E
- TAG # 90348
- OCT. 16, 1983
- SAME SPOT. - ROUNDED, RECESSIVE O/C OF PALE PURPLE-GY MOTTLED RHYOLITE O/C ~15m WIDE + STRETCHES ~100m TO THE NNE (FN). INTERMITTENT O/C EXPOSURE.
- CONTINUE NE

AT 480m HIT E/W SWAMP elev 5860'
- OPEN FOREST, BUT NO ROCKS

77d- AT 625m; elev 5940'.
AM ON OPEN °/C RIDGE.

77e- AT EDGE OF TREES TO SE. RECESSIVE, KNOBBY- ROUNDED WEATHERED PALE BROWN-GY VOLC. PALE PURPLE-BRN, FS-PORPHYRITIC + OCCASIONAL QZ EYES. WK. CLAY ALT'N RARE HBL PHENOS., WKly VESICULAR.
= RHYOLITE? OR DACITE?
elev. 5900'
- LOW, SUB VERTICAL CLIFFS ON SW FACE OF OPEN AREA - SAME ROCK, BUT MORE VESICULAR - POSSIBLY DUE TO 2ndARY FLUID TRAVEL. STRONG ALT'N OF VUGS
- GOOD ROUNDED FRACTURE (?):
(At 77d) 292/30 NE

77f- FOLLOW RIDGE ~~NW~~ TO NW. AT 160m, AM ON PEAK. elev. 5980'
SAME ROCK AS 77d,e.
- STRONGLY FS-PORPH, WITH MINOR QZ, HBL.
- WEATHERS PALE ORANGE-BROWN. FRESH SURFACE IS PURPLE-GY.
- °/C FORMS CAP TO NOB.
- V. WK FLOW-BANDING, BEST SEEN ON WEATHERED SURFACE.

NEWLE CROSBY INC 46 LF

- HEAD DOWN RIDGE AT ~ 345°
  RESTART CHAIN
- AT 440m, DRY E/W SWAMP.

77g - HEAD N FROM GULLY AT 520m, ON OPEN GRASSY HILL. SWAMP → DRY GULLY + GULLIES NE.
elev. 5700'

MM78: elev 5720'
- IN OPEN FOREST. SPARSE O/C OF RECESSIVE PALE BROWN/PURPLE MOTTLED RHYOLITE. A.T.P. HAS STRONG SILICIFICATION BY BOTRYOIDAL CHALCEDONIC QZ.
- RARE CHANCE HE'S FLOAT.

78a - ON NW GULLY BANK; ~~STEEP~~ + WELL DEFINED. elev 5710'
- 10m×10m O/C OF GREY/PALE BRN FLOWBANDED RHYOLITE. wkly FS-Porph.
- NO MEASURABLE ORIENTATION

78b - ON OPPOSITE GULLY BANK. CLOSE O/C ON SAME ROCK
- FLOWBANDING: 171/17 NE (FAIR)

78c - elev. 5730'

- ON OPEN SLOPE FACING W. NOB IS PALE ORANGE-BRN WEATHERED RHYOLITE - WKly FLOW-BANDED, AND MOTTLED PALE GY AND PURPLE. OCCASIONAL ALTERED FS. PHENOS.

- FROM 77g, HEAD ONES UNTIL HIT MY TOPO. LINE.
- HIT 'NE' TOPO LINE AT 702m

- AT 550m SMALL 20x20m o/c OF RHYOLITE - SAME AS 77e.

- RESTART CHAIN, FOLLOW TOPO → SW.

- AT 97m, AM AT 77c

- FOLLOW PEARL IN/2E TO S.
  - AT 81m, 20m x 20m o/c PFBR
  - TRENDS NE

- HIT ROAD AT 365m.

NEWLLE CROSBY INC 46 LF

- N/S LINE 385m E ALONG ROAD, FROM MM74.

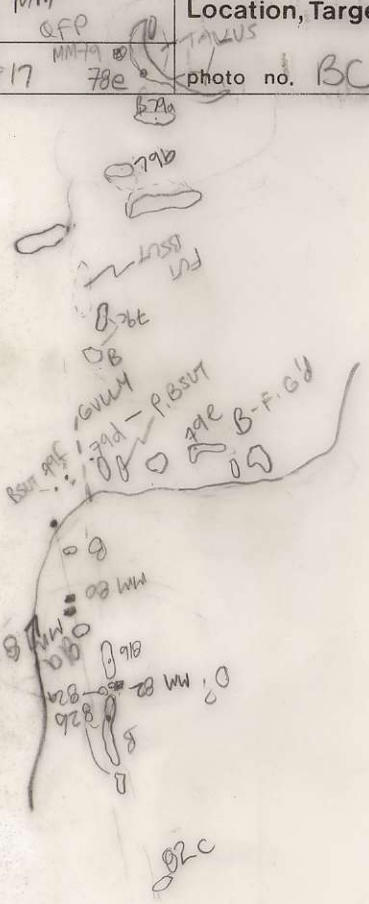
78d - % IN ROADCUT, ~ 50m W. OF MM74, ON S. BANK.
- PALE YELLOW-GRN ALTERED VOLC.
- HBL PORPH. + QZ EYES.
- HIGHLY FRIABLE
- % ~ 30m LONG.
- AUT'd DACITE?
- AUT'd MM74?

TUESDAY, JUNE 16
TRAV. 30

SAMPLES MM7c-74 to 78

- BASALTIC ROCKS TO E OF "TRUCK" (SEE MYLAR OVERLAY)
- ALSO SMALL o/c OF DACITIC LAPILLI TUFF UNDERLYING BSU1
- FAULT TRENDS ~020° + INTRODUCES LOW FBR CLIFFS. RHYOLITE WKLY TO STRONGLY BRXX'd + STRONGLY SILICIFIED
- MAIN RIDGE ON PEARL CLAIMS IS ALL MOTTLED + WKLY FLOWBANDED RHYOLITE

Project	M580	NTS	920/8	Scale	1:15480	Page	1 of 1	Traverse	31
Sampler	MM QFP	Location, Target (words)				Sample Nos	MM7C-79 to 82		
Date	JUNE 17	photo no.	BC7586-0180			Cert. Nos			



BCL6662 o-CSM ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

WED. JUNE 17

TRAV. #87

- START MAPPING FROM TOP OF CIRCULAR STRUCTURE, → S

78e - TOP OF CLIFFS elev 5720'

- 065° TO N. PEAK

+360° TO VOLCANIC NECK - NOB

- AT TOP OF CLIFFS, ROCK IS A BRICK RED TO GY-BRN WEATHERED BSUT. OCCASIONALLY SHOWS FLOW FEATURES OF BLACK, Qz-EYE, FINE GR'd BSUT INTERLAYERED WITH FINE GRAINED, BRICK RED Qz-EYE BSUT. H.S.

- WKly FS. PORPHYRITIC.

- ALSO WEATHERS V. PALE PINK-PURPLE.

79 - 15m W. OF CLIFF TOP. 20m × 20m LOW CLIFF O/C OF RUSTY BRN TO GY WEATHERED VOLCANIC. PALE PURPLE-GY TO DARK GY FS PORPHYRY - PHENOS. MOSTLY CLAY AUT'd - ANDESITIC?

BACK ON CLIFFS. → N, SEEING MORE PK BLK F.G'd BSUT - WKly OLIVINE AMYGDOLOIDAL, AS GO DOWN SLOPE.

- BRICK RED ROCK OCCASIONALLY BIOTITE, FS, Qz PORPHYRITIC!

NEWLE CROSBY INC 46 LF

79c - CLIFFS ARE ~ 50m HIGH, WITH TALUS EXTENDING TO TREES AT BASE.
- WEATHERED COLOURS BRICK RED TO DK GY TO PALE GRN, PALE PINK.

79a elev 5720'
- E/W TRENDING OPEN AREA, BETWEEN 2 CLIFF SETS. # RED-BRN WEATHERED, DK GY, FINE GRAINED BASALT. RARE QZ EYES. OCCASIONALLY HAS PALE BROWN DIFFUSE STRINGERS - ALTERATION.
- LOTS OF ANGULAR FLOAT ON HILL.

79b - SIMILAR TO MM79. TALUS → GULLY. MAPPED BY SW
- QFP BASALT?
- REST OF SLOPE IS GRASS

- WALK UP OPEN STRIP BETWEEN CLIFFS
- HEAD S FROM CLIFF TOP.
- AT ZOOM, HEADING DOWN SLOPE, INTO GULLY

79c elev 5900'

- o/c TRENDS 015°, ~25m LONG, 10m WIDE.
- PALE GY, PORPHYRITIC VOLCANIC - BSUT?
- WEATHERS PALE GY-BRN. QZ EYES RARE) BUT FS PHENOS COMMON. OFTEN AUT'd PALE YELLOW TO PALE RUSTY BRN.
- VERY SIMILAR TO MM79
- AT 280m, AM BACK IN TREES. CONTINUE TO HEAD S.
- AT 380m, AM IN OPEN AGAIN.
- AT 425m, SLOPE DROPS TO STRONG GULLY
- HEAD ~ E TO MAP OPEN SLOPE elev. 5820

79d. - SAME PALE GY-BRN QFP BSUT.
- WEATHERS RED-BROWN / GY

79e THRU TREES, SEE ANG. BRN. WEATHERED, FINE GR'd DARK BSUT.
- A.T.P.
- STRONGLY CLEAVED, BROWNISH-RED WEATHERED BSUT. DK GY-GRN ON FRESH SURFACE; POSSIBLY WKLY CHLORITIZED.? FINE GRAINED, BUT WKLY FS. PORPHYRITIC.

NEWELL CROSBY INC 46 LF

79e - elev 5750'

clvg: 014/36 SE (600')

- LOTS OF FLOAT DOWN SLOPE.
- SAME SLATY, FINE GR'd BSLT. %c'o SPORADICALLY ACROSS SLOPE. FORMS LOW CLIFFS AT BASE OF SLOPE
- FROM 425m. CONTOUR W.
- AT 40m, CROSS DRY ~N/S GULLY.

79f - AT 85m, FLOAT OF PALE YELLOW WEATHERED CLASTIC ROCK - AGGLOM?

- AT 95m, V. SMALL %c OF BSLT
  - F. 62, DK. BROWN, FS P. BSLT.

- AT 150m, H/T CK.
  - RESTART CHAIN. HEAD 170° UPSLOPE

- FLOAT ON S. GULLY SLOPE IS BLACK, FINE GRAINED, FEATURELESS BSLT.

- AT 80m, elev. 5880'
  - SMALL OPEN KNOB WITH RECESSIVE BSUT SIMILAR TO FLOAT DOWN S. GULLY BANK o/c ~ 10m L, 5m WIDE.

- AT 183m, AM IN OPEN, YOUNG PINE. I THINK I'M ON RIDGE CREST.

- AT 200m. FOLLOW RIDGE UPSLOPE TO SSE. elev 5990'. NO o/c, BUT LOTS OF FLOAT - OF ALL COMPOSITIONS.
  - DOMINANTLY BASALTIC.

MM80 - FLOAT OF PALE BEIGE QZ. IN RHYOLITE?

- MM81 - PALE GREEN ALT'd VOLCANIC.
  - o/c's ACROSS HILL, ~ ½ 5m LONG, 1m HIGH. FINE GRAINED, PALE TO DARK GREEN. NOT AN AGGLOMERATE, BUT SIMILAR TO THAT ON E. CLIFF OF RIDGE '6468.
    elev 5995'

- Bla AT 255m. IN MIDDLE OF OPEN RIDGE

NEWLLE CROSBY INC 46 LF

@1a AREA. elev 6040'

- SMALL 10×10m o/c of LIGHT RED BROWN WEATHERED, OK GREY AHANITIC BSUT. CONCHOIDAL FRACTURE ON LG. SCALE.

- * GRN. FOL cont'd to ~ 245m.

- @1b. elev 6080'. ; 310m. BSUTIC o/c COVERS OPEN RIDGE NOB IN RECESSIVE o/c. V. SIMILAR TO BSUT SEEN ON OTHER SIDE OF GULLY. PALE GY-BRN, FS. PORPH. WKly. VESICULAR. OCCASIONAL Qz EYES, + UN. 1.0'able MAFIC PHENOS (RARE).

MM 82 - AT 340m. elev 6100'.

- V. SMALL EXPOSURE OF PALE BLUE-GY WEATHERED VOLCANIC. WELL FRACTURED ALONG SMOOTH SURFACES. Qz EYES COMMON. PALE GY, FINE GRD FRESH SURFACE. WKly FS. PORPH.

⇒ DACITE?

- ONLY SEE 2m×2m OF IT.

- 82a - SAME ELEV, 5m SW - BACK IN PALE GY-BRN FS. PORPH BASAUT.
82b - 415m. elev 6140'.
- LONG, RECESSIVE o/c OF PALE GY-BRN FS PORPH BSUT. ~ 15m WIDE
- GO THRU THIN TREES, o/c AGAIN, FOR ~ 25m. ENDS AT 555m, HEAD 175°
- 82c. AT 795m. elev 6280'. 20m x 10m o/c OF DK. GY-BRN, FINELY GRAINED BSUT - RED-BRN. WEATHERED. NON PORPHYRITIC
~ 925m. AT SLOW CK, FLOWING N.W. SMALL DRY LAKE. elev. 6310'. HEADS 240°
- AT 1050m HEAD S
- AT 1135, AM ~ 20m W OF LONG LAKE

WED. JUNE 17

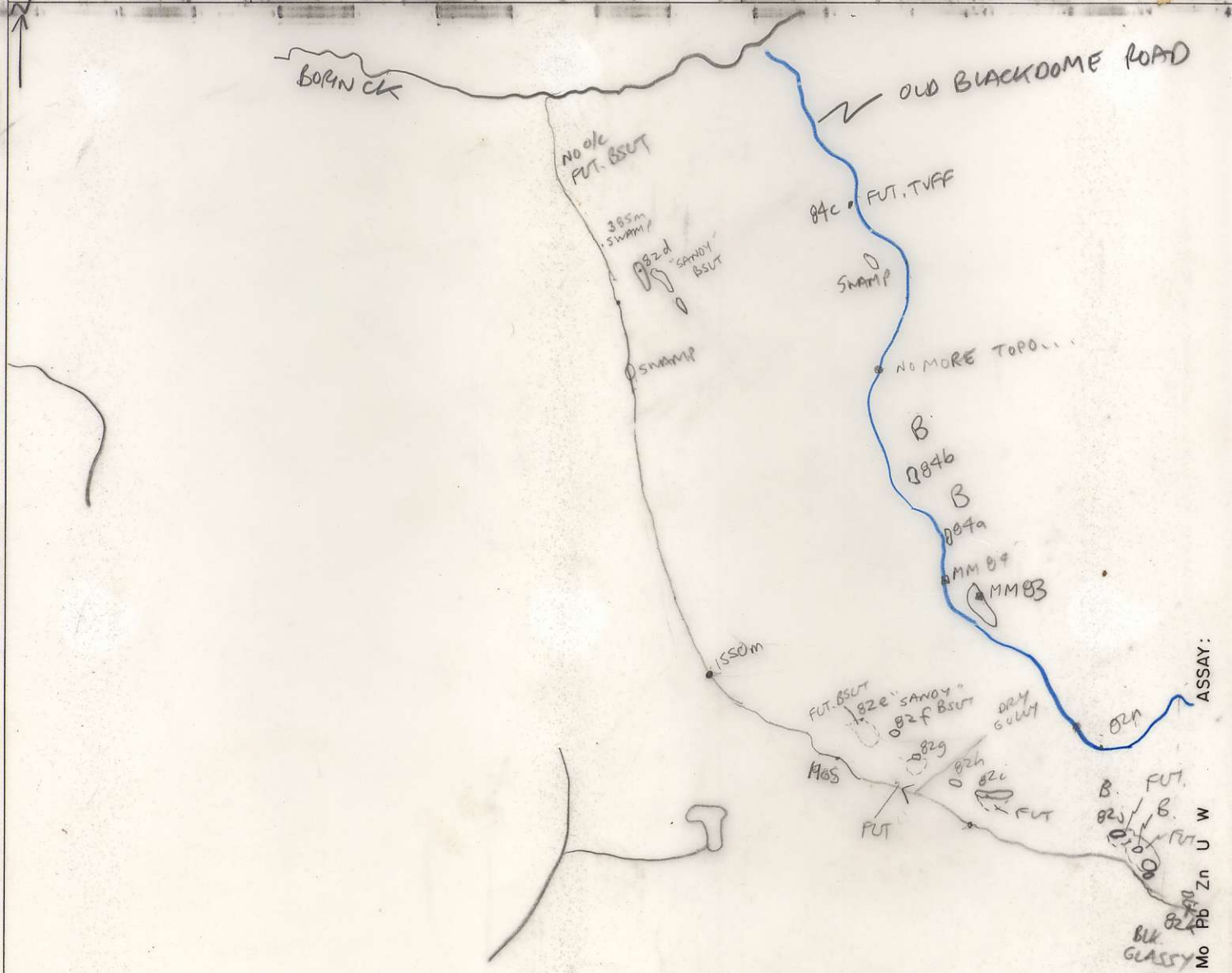
TRAN 31

SAMPLES MM76-78 to 82

- IN AM, GO BACK TO SILICEOUS FAVUTED PHYOUTE, WITH SANDY (MM 76+77)
- TAKE 2 MORE SAMPLES

- THEN WALK TO CIRCULAR STRUCTURE ON N. END OF RIDGE N OF .6468. CLIFFS OF BASALT.
- HEADING DOWN INTO STREAM, PASS THRU PALE GREEN DACITIC TUFF OR AGGLOM.
- ALSO SEEN ON S. BANK.
- BSUT IS DOMINANTLY A PALE GY-BROWN FS. PORPHYRYTIC.
- SMALL BLUE-GY O/C OF DACITE? (MM82). IN CONTACT WITH BSUT.

Project M580	NTS 920/7	Scale 1:5480	Page 1 of 1	Traverse 32
Sampler MM	Location, Target (words)		Sample Nos MM7C-83,84	
Date JUNE 18/87	photo no. BC7583-0111		Cert. Nos	



SILT X SOIL ● ROCK ■ PAN △ WATER O

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

BCL6662 o-CSM ATTITUDES (~100/40 N)

THURSDAY, JUNE 18/87 /1

TRAV. 32.

- TRAV. S. UP 2nd N. FLOWING CK INTO BORIN; W. FROM END OF ROAD.
- START CHAN AT BOTTOM.

82d. UP CK: 545m. SLOPE TO E. IS OPEN FOREST, SO WALK UP IT TO E.

- AT 5200', ~ 100m FROM CK, SMALL O/C OF DK. GY-BROWN, FINE-GRD BASALT. SLIGHTLY SANDY TEXTURE, WKly FS. PORPHYRITIC. WEATHERS DULL GY-BROWN. GOOD CLUG: 292/61 NE -°/C TRENDS ACROSS SLOPE // TO CK; 35mL, 15mH.
- SAME ROCK O/C AT TOP OF OPEN AREA, ~ RIDGE CREST. elev 5310'. FORMS RECESSIVE CAP.
- FLOAT FROM HERE REACHES CREEK
- AT 736m. elev. 5230'
- START OF SWAMPY AREA. CK TRENDS 165°
- ~ 25m of SWAMP
- AT 925m LGER SWAMP. NO O/C
- AT 1545m. STILL SWAMPY. CK BENDS → 110°. NO O/C ON EITHER BANK. FLOAT IN CK IS WELL-ROUNDED BSLT-VESICULAR OR SANDY. NO QZ FLOAT YET. elev 5360'

NEVILLE CROSBY INC 48 LF

- AT 1905m, CAN SEE OPEN SLOPE ON N. RANGE → 030°
- elev. AT CK = 5410'

82e - AT TOP OF OPEN PATCH, JUST BELOW TREES. elev. 5510'. NO o/c ON SLOPE, BUT SEE PERVASIVE BSCT FLOAT - SA. DOMINANTLY DK. GY-BRN, SMOOTH TO FRAC'd, FINE GRAINED BSCT. OCCASIONALLY FLOAT IS DK GY, WKly OLIVINE AMYGDOLOIDAL.
- SANDY VARIETY IS WKly. FS. PORPHYRITIC, BUT PHENOS ARE CLAY ALT'd. ROCKS WEATHER GY-BROWN TO RED-BROWN.
- OPEN FOREST TO NE, BUT STILL NO o/c.
- 286° TO PROMINENT VOLC. NECK?

82f. SMALL 10x10 o/c OF RUSTY-BRN WEATHERED FINE GRD GY-BRN BSCT.
- NON-PORPHYRITIC. elev 5560'

- AT 2100m elev. 5460'
- OPEN PATCH TO N

82g elev 5530', ~100m UPSLOPE FROM CK.
- NEAR TOP OF OPEN PATCH.
- SMALL, 10m x 10m o/c OF WKly FRAC'd RED-BRN-GY WEATHERED BSCT.

82g - FRACTURES ON SMOOTH PLANES. PALE GY-BRN ON FRESH SURFACES, WITH A FINE GRAINED, "SANDY" TEXTURE.
- ROCK IS NON-PORPHYRITIC
- FLOAT OF SAME COMP, SCATTERED ON HILL,
- OPEN FOREST CONTINUES TO N, BUT NO ROCK.

82h - 2162m; elev 5540'. CROSS GULLY IN TREES. THIS 15 x 15m O/C IS IN TREES. ROCK IS A DARK-GREY, FINE GRAINED BSUT, WITH A SLIGHTLY SHINY W&TRE. WK RUSTY PHENOS - POSSIBLY AUT'd MAFICS OR OLIVINE.

82i - TREES GIVE WAY TO ANOTHER OPEN SLOPE, WITH A SIMILAR O/C RUNNING ALONG TOP OF OPEN AREA. WELL FRACTURED, DK GREY FINE GR'd BSUT. NON-PORPHYRITIC. WEATHERS BUFF TO RUSTY-BROWN TO GY-BRN.
- LOTS OF FLOAT OF SAME ROCK elev 5570'. AT ~ 2225m

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DURABAK WATERPROOF

82j - AT 2589m. elev 5620'
- OPEN SLOPE TO N. AT TOP OF TREES IS ROUGH GY-BRN WEATHERED, PROGRESSIVE o/c OF BLACK, V FINE GRAINED BSALT, WITH FS PHENOS + RARE QZ EYES
- o/c ~ 25m L × 10m W
- 2 OPEN KNOBS TO SE, ARE SAME ROCK.
- AT 2719m, elev 5570', o/c ALMOST TO CK. OF '82j' ROCK.
- 82k. AT 2825m. OPEN SLOPE TO N. elev 5600'
- o/c EXTENDS TO CK.
- o/c IS A DARK GY to BRN WEATHERED VOLCANIC. BLACK, SLIGHTLY GLASSY, FS PORPHYRITIC BSLT?
- OPEN AREA EXTENDS // TO CK. o/c ~ 10m HIGH, 30m LONG. FEATURE HILL. SMALL o/c OF SAME ROCK AT TOP OF TREES.
- o/c TO ~ 2850m.
- OPEN FOREST CONTINUES, OCCASIONAL SANDY BSLT. FLOAT

82 l. o/c TO CK AT 2975m elev 5640'

- ~ 15m HIGH, 40m CONG. WKly FRACTURED, SMOOTHLY WEATHERED, DK. GREY, FINE GRD FEATURELESS BSLT. SLIGHT "SANDY" TEXTURE.
- SLOPES NOT AS STEEP TO N ANYMORE. STILL NO ROCK TO S.
- AT 3172m, CROSS ~N/S BLAZED LINE.
- AT 3200m. STREAM SPLITS. (068°; 135°) TAKE S FORK (135°) elev. 5700'
- AT 3400m. elev 5765'. NO SIGN OF ROCK.
- RESTART CHAIN, HEAD N. TO ROAD
- AT 115m, CROSS W. FLOWING CK (090°)
- AT 315m, HIT ROAD. RUNS ~ 085° elev 5820'
- MAP → NW TO BORUN CREEK, ALONG ROAD

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LEVEL (S)

- VP ROAD 25m, CURVES NE.

START ON ASW

- AT 25m, CURVES to SW.
- AT 95m, CURVES TO NW

82m - AT 125m, SMALL % IN ROAD + TO E, OF DK GREY FINE GRD BASALT, WKly FS. PORPH ~10m LONG × 5m WIDE.

- AT 170m, ROAD CURVES N.
- AT 220m, CAN SEE CK TO E. ~10m
- AT 236m, ROAD CURVES W
- DK GREY, FINE GRD, FEANRELESS BSLT. 10AD o/c ON N SIDE OF ROAD
- AT 415m ROAD HEADS ~350°
- AT 435m, IN ROAD, MOTTLED BRICK RED + BLACK, FOAM TEXTURED BSLT. 5m×5m
- AT 520m, ROAD CURVES W
- AT 545m, CURVES ~NNW
- AT 600m, ROAD CURVES N
  - ONW. SIDE OF ROAD IS FOAM BSLT ~15m×10m wi
  - DK GREY, FINE GRAINED, WKly FS. PORPH BSLT.

600P= 75m

- AT 800m ROAD → N
- AT 940m ROAD → W
- AT 960m. ROAD → SW.
  - SMALL FUT. BSLT FIELD TO N OF ROAD, IN OPEN AREA.
  - BLACK, APHANITIC BSLT, WITH 1-2mm PS PHENOS.

82m - AT 1080m, ROAD → NW. SMALL FLOAT NOB TO E, OF FK BLACK, SLIGHTLY GLASSY, PS. PORPH. VOLCANIC - BSLT?
H.S

- AT 1322m, HEADING NW.
  - BUSH IS MODERATELY OPEN, BUT NO O/C, EVEN V. LITTLE FLOAT. WHAT THERE IS, IS BSLTIC
- AT 1370m, ROAD CURVES SW. elev. 5680'
- AT 1490m, SHARP TURN TO NW

- 83 - AT 1525m. TO NE, IS A FAIRLY LG. OPEN SPACE, IN TREES. RECESSIVE O/C AT TOP OF THIS RIDGE, RUNS LENGTH OF OPEN SPACE, // TO ROAD

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DUKSBAK WATERPROOF

LEVEL (S)

MM83 - ROCK IS A HIGHLY FRACTURED, "NUBBLY" WEATHERED BASALT. DK GY-BRN ON WEATHERED SURFACE, BUT PALE RUSTY-BEIGE IN TREE CROP. SHOWS FLOW BANDING ON WEATHERED SURFACE.

296/57 NE (FAIR)

- FRESH ROCK IS A BLACK, FINE GRAINED TO APHANITIC, FS. PORPH. BSLT. elev. 5760'.
- AM ~ 10M FROM ROAD

- AT 1565m, ROAD CURVES N → NW. OPEN AREA STILL TO E.

- AT 1600m. OPEN ARE TO NE. ROAD STILL NW.

MM84 BSLT IS V. PALE BEIGE WEATHERED.
- ALSO SEE FLOAT OF PALE GY, FSP. IN ROAD, BUT ALL GRD. VR. NONE IN o/c
- WEATHERS PALE GY, WITH A FAINTLY FRAGMENTAL TEXTURE.
- PATCHY RUSTY WEATHERING, + WK, FLOW BANDING.
- RHYOLITE?

elev. 5720'

96/8 MB

- AT 1690m, SMALL S IN ROAD.
- AT 1740m, ROAD → N
  - OPEN RIDGE ENDS AT ~ 1700m

040
- AT 1770m, ROAD → NNW
  - SMALL OPEN AREA TO NE.
    elev 5670'
  - ROCK IS A RECESSIVE, FRACTURED BSLT, SIMILAR TO MMBB. BLACK, APHANITIC, FS-P. WEATHERS GY TO WKLY RUSTY BROWN

046
- AT 1900m. OPEN AREA TO NE.
  - O/C OF FRACTURED, RECESSIVE APHANITIC BSLT, FS-PORPHYRITIC
  - SAME AS 040
    elev 5700'. ~ 30m FROM ROAD, ON NE. SIDE.

- AT 2021m, RAN OFF OF TOPO MAP, SO ~~040~~ PACE FROM HERE.
  10 DOUBLE PACES = 13m.
  - TOPO IS V. GENTLE HERE - FOREST

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DUKSBAK WATERPROOF

IS THICKER, + DON'T SEE ANY OPEN SLOPES. NO O/C, + V. LITTLE FLOAT.
- ~~FLOAT~~ FLOAT IS DOMINANTLY BSLT.
- VESICULAR + SANDY.

(2221 m)

- A.T.P. elev IS 5560', ROAD HEADS NE

- AT 106 DR's (~ 29 cm), ROAD CURVES → NW
elev 5460'

19 - CAN SEE SWAMP TO W, AT 195 DR's.

- AT 308 DR's, ROAD SWINGS → N
elev. 5390'

- AT 387 DR's, ROAD → WNW
elev. 5350'

84c

- AT 407 DR's. FLOAT BOULDER ON W. SIDE OF ROAD, OF DK. PURPLE GY LAPILLI TUFF. FS PORPHYRITIC.
- WEATHERS DK PURPLE, WITH OLIVE GRN "MOTTLED PATCHES".
- HAVEN'T SEEN THIS IN O/C.

- At 456 DPs ROAD → N
- At 490 DPs " → NW
- At 660 DPs, AM AT BARN CLK

R. D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUOBIK WATERPROOF

S80

JUNE 18/97

TRAV. 32

SAMPLES: MM7C-93+94

- TRAV UP TRIB THAT FLOWS N INTO BORIN CK, W OF OLD BLACKDOME ROAD.
- O/C UP CK TO 3400' IS ALL ON EAST BANKS, AND ROCK IS BASALTIC. RANGES FROM DK GY-BRN, SANDY, TO DK BLACK FS PORPH, APHANITIC.
- TRAV N DOWN OLD BLACKDOME ROAD.
- NOT MUCH O/C, BUT WHAT THERE IS, IS SANDY-TEXTURED BSLT - WELL FRACTURED.

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DURABAK WATERPROOF

Project M580	NTS 920/7	Scale 1:15480	Page 1 of 2	Traverse 33
Sampler MM	Location, Target (words)		Sample Nos —	
Date JUNE 10	photo no. BC7670-008		Cert. Nos	



DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

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SILT X SOIL ● ROCK ■ PAN △ WATER O

INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | GOSSAN, MINERALS

ATTITUDES (100/40 N)

BCL 6662 o — CSM

Project M580	NTS 920/7	Scale 1:15480	Page 2 of 2	Traverse 33
Sampler MM	Location, Target (words)		Sample Nos MM7C-85 to 87	
Date JUNE 19/87	photo no. BC7670-007		Cert. Nos	

BCL 6662 a — CSM

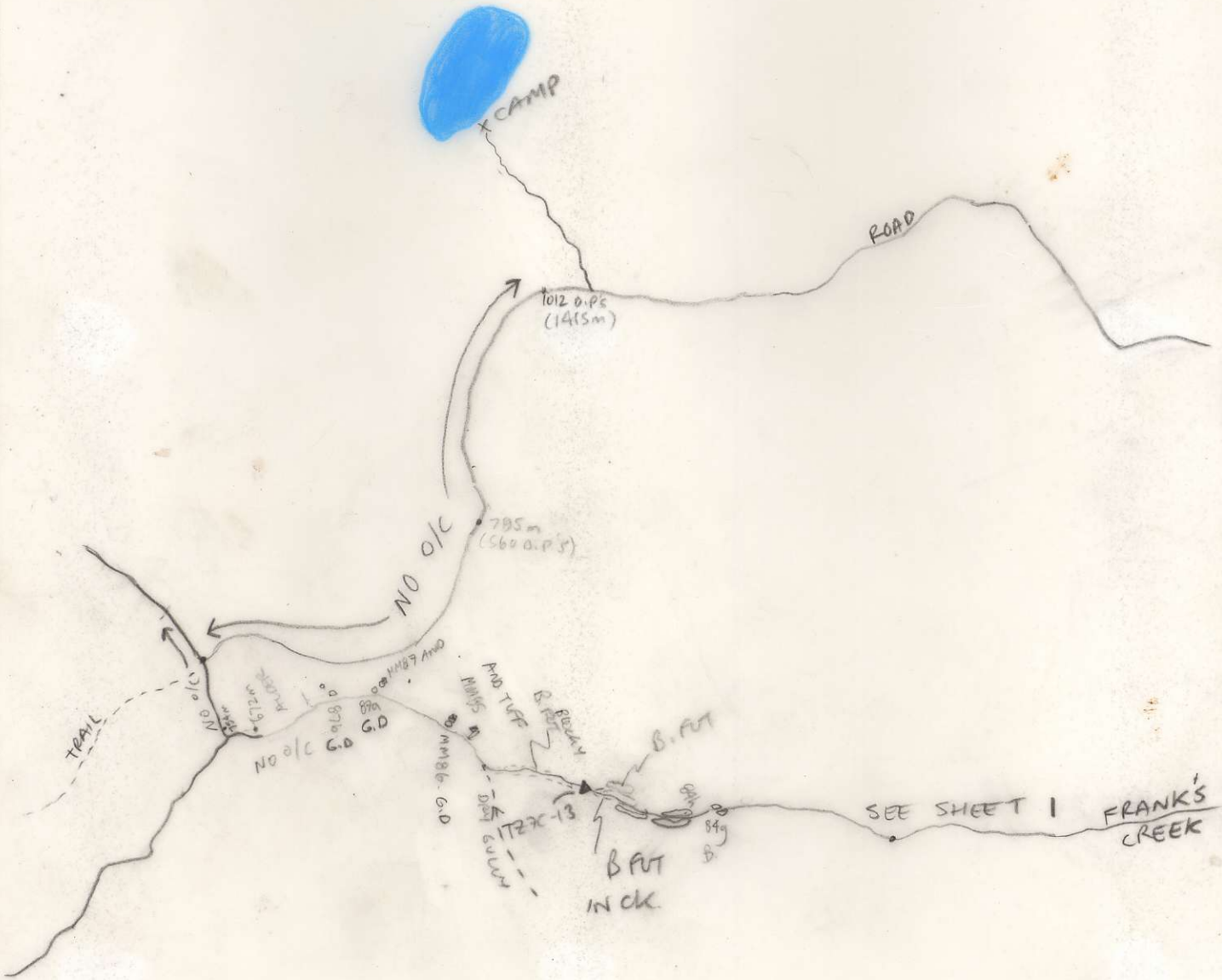
WSC — a — CSM
ATTITUDES
(100/40 N)

SANDSTONE SILTSTONE
CONGLOMERATE
VOLCANIC
CHERT
SHALE
LIMESTONE DOLOMITE
INTRUSIVE
GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER O

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ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

FRIDAY, JUNE 19

TRAV. 33

- START TRAV. FROM FRANK'S ROAD, 150m NORTH OF FRANK'S CREEK. HEAD W. ELEV. AT START. 5650'

84d. 15om W OF ROAD. RECESSIVE o/c AND SA FLOAT OF DK. GY-BRN WEATHERED VESICULAR BASALT. VESICLES TO 1.5cm L.D. WKly FS. PORPHYRITIC, WITH FS AS LATHS, UP TO 2mm LONG.

- AT 210m, AM AT 5700', FRANK'S FENCE HEADS S. FROM HERE; END OF CLEARED GROUND. STILL IN PERVASIVE BASALT FLOAT.
  - VESICULAR TO FINE-GRAINED NON-VESIC.
  - STRONGLY LATH-FS. PORPHYRITIC.
  - FLOAT ENDS AT 250m.
- AT 280m. 10x10 RECESSIVE VESICULAR BSLT o/c, SAME AS 84d
  - CONTINUES SPORADIC, RECESSIVE o/c + PERVASIVE FLOAT TO 380m, THEN ~ 15m GAP + CONTINUES AGAIN. EXTENDS ~W, AND IS ~ 40m WIDE. AM UP ON A SLIGHTLY N. SLOPING PLATEAU, THAT ALSO DROPS TO S → FRANK'S CREEK.

- ROCK IS STILL THE SAME.

84e - H.S. OF SAME FSP. VESIC. BSLT. elev. 5670'; AT 435m

- AT 522m. SEEMS TO BE END OF PERM. BSLT FLT+QC.
  - TO N, ~30m, IS STILL SLIGHTLY OPEN FOREST WITH SAME OCCASIONAL BSLT O/C + FLOAT, OF SAME VESIC. BSLT. TO S, TOPO SLOPES DOWN TO CK THRU RELATIVELY OPEN FOREST, BUT NO O/C.
- AT 940m. elev. 5530'. NO O/C FOR PAST 300m. FOREST IS SLIGHTLY THICKER, GENTLE TOPO SLOPES S AND W. OCCASIONAL FLOAT IS SR VESICULAR BASALT.
- AT 1060m, AM IN MORE OPEN FOREST. STILL NO O/C, ONLY OCCASIONAL BSLT. FLOAT.
  - elev. 5500'
  - SMALL O/C OF VESIC. BSLT HERE.
- AT 1240m, elev. 5500'. TOPO SLOPES UPHILL → W. AM STILL IN OPEN FOREST.
  - % HERE IS RECESSIVE, DK GY-BRN VESICULAR BSLT. SAME AS 84d, e.
  - ACCOMPANIED BY PERVASIVE FLOAT.

84f - AT 1370m. elev 5535'. STILL IN OPEN FOREST, ON SLIGHT RIDGE, RISING TO W. PERVASIVE SA-SR FLOAT OF VESICULAR BASALT, SAME AS 84d, e; AS WELL AS INTERMITTENT RECESSIVE o/c OF SAME. o/c's GENERALLY FORM LOW, ROUNDED MOUNDS, WITH OCCASIONAL ROUNDED EXFOLIATION SHEET WEATHERING (CONCRETIONARY).

- o/c AREA ~ 75m WIDE AT TOP OF RIDGE, RUNNING E/W ~ 200m.
- ACROSS VALLEY TO S, CAN SEE OPEN GRASSY SLOPES, BUT NO o/c.
- AT 1443m, FOLLOWING S. SIDE OF RIDGE, BUSH IS LESS OPEN, STILL IN BSLT. OCCASIONALLY WEATHERS RED-BROWN, AND IS DK GREY, FINE GRAINED + NON VESICULAR. STILL FS. PORPHYRITIC elev. 5540'.
- AT 1500m, START TO LOSE elev.
- AT 1640m, END OF BSLT o/c, FLOAT CONTINUES TO 1660m, THEN BECOMES OCCASIONAL TO RARE. elev 5460'.
- FOREST IS NOW THICKER.

NEVILLE CROSBY INC. 46L

- A.T.P. (1660m) HEAD S TO CREEK.
- RESTART CHAIN

- AT 220m, HIT FRANK'S CREEK. elev. 5370'.
- TRAV. E UPSTREAM ~ 150m, BUT NO %C.
- BACK TO INITIAL POINT. TRAV. DOWN FRANK'S CREEK → W.
- RESTART CHAIN

- AT 37m. SMALL OPEN PATCH ON N. CK BANK.
- NO %C ON EITHER BANK, ALTHOUGH CVCUM IS WELL DEFINED HERE. OCCASIONAL FLOAT IS VESICULAR BSLT, PWS RARE PALE GREY TO BUFF ANDESITIC ROCKS - ROUNDED. 84g.
- AT 430m ON S. BANK SMALL EXPOSURE OF DK. GY, FINE GR'D BSLT, ON MOSS COVERED BANK.
- SAME ROCK AT 446, ON N. BANK.
- WEATHERS DULL GY-BRN.
- FLOAT IN CK IS THIS SAME ROCK, AS WELL AS VESIC. BSLT.
- ROCK HAS DK. RUSTY BROWN BLEBS - POSSIBLY ALT'D OLIVINE AMYGDULES.

84h - At 500m. CLIFFS ON BOTH BANKS
- N. BANK: o/c of GY-BRN VESICULAR BSLT WEATHERS BRICK RED TO DK. GY.
o/c ~ 20m HIGH, 60m LONG.
- NON. FS. PORPHYRITIC, BUT FINE GR'd.
- S. BANK - SIMILAR DK. GY-BRN VESICULAR BSLT. o/c IS BLOCKY + FRACTURED
⇒ FAULT THRU GULLY WITH MINMAL OFFSET.
- o/c ~ SAME HEIGHT, BUT ~80m L.
* elev IN ck 5270'
(TOO HIGH, P↓)
- At 600m, OPEN SPACE - SLOPE TO N, NO o/c JUST GRASS.

- At 775m, HIT T27C-13 STRM SAMPLE
- STRM GULLY IS STILL STEEP + FULL OF BLOCKY BSLT FLOAT BOULDERS + DEBRIS.
- OPEN GRASSY SLOPE TO N ALSO HAS VESICULAR BSLT FLOAT. SLOPE TO S IS MOSSY.
elev IN ck 5150'

- AT 1042m, DRY CK. GULLY ENTERS FRANKS CREEK FROM THE S, FLOWING N.
  - N. SLOPE IS STILL OPEN + GRASSY WITH OCCASIONAL BOTTIC FLOAT.
  - S. SLOPE IS RUBBLY + MOSS COVERED.
  - COULD BE o/c CONTINUOUS, BUT LOOKS JUST LIKE BLOCKY FLOAT.
  - elev. IN CK. IS 5020'.
- TRAV. UP DRY GULLY TO S, FOR 50m; NO o/c

- RESTART CHAIN + CONTINUE N. DOWNSTRM.

MMBS- AT 75m. ON N. SLOPE - OPEN AREA.
o/c IS A STRONGLY FRACTURED, RECESSIVE, ~~PINK~~ GY-GRN WEATHERED VOLCANIC OR FINE CLASTIC ROCK. ~~PINK~~ GY-GRN TO GY-PURPLE ON FRESH SURFACE, WITH A DISTINCT, FINE GRAINED "SANDY" TEXTURE.
- CLVG: 022/30SE (FAIR)
- elev 5020'
- o/c ~ 5m WIDE, 10m L DOWNSLOPE.

MM86 – AT 140 M, ON N. SLOPE (STILL GRASSY. SMALL o/c ~2m UP FROM CK. 5m H x 10m L. PALE BROWN TO RED-BRN WEATHERED INTRUSIVE

- GOOD PLANAR SURFACE - FRONT PLANE ? (FOR STRM):
  099/64 SW. (F-6)
- FRACTURE
  195/42 NW (FAIR)
- ROCK IS A RED-BRN/BLK/WHITE MOTTLED, MEDIUM GRAINED INTRUSIVE. CAN SEE BIOTITE, QZ, FS.
- ~~QZ DIORITE~~ ? GRANODIORITE
- elev = 5010'
- NO o/c ON S. BANK. STILL SEE BSUT FLT IN CK + ON BANK.

– AT 280m, AM UP ON N. BANK, AT TOP OF OPEN, GRASSY - ALDER SLOPE. CREEK STARTING TO CURVE TOWARDS THE SW. OPEN SLOPE GETS BIGGER → W (HIGHER UP N. SLOPE).

- S. SLOPE IS ALSO SLIGHTLY OPEN, BUT NO o/c. BSUT FLOAT IN CK. FLOAT ON SLOPES IS RARE. GULLY STILL STRONGLY DEFINED. N. SLOPE IS A SERIES OF

- ROLLING RIDGES + FURROWS. EACH ROUNDED RIDGE IS ~ 20m WIDE, + ⊥ TO CREEK

- AT 300m, 1st GULLY

MM87 - AT 325m ~ 10m UPSLOPE (N) FROM CK.
- BUFF TO PALE GY-BRN WEATHERED VOLCANIC. MEDIUM BRN-PURPLE ON FRESH SURFACE.
- WKly VESICULAR - STRETCHED, AND WKly FS- PORPHYRITIC. VESICLES AUTERED TO PALE RUSTY-BRN.
- ANOESITE?
- elev. 4980'

87a - LIES BELOW MM 87 ~ 3m. (S)
- CREME TO PALE BRN WEATHERED INTRUSIVE; DOMINANTLY BIOTITE + QZ, WITH PALE ORANGE-YELLOW ALTERATION PATCHES AROUND THE BIOTITE.
o/c ~ 1m H x 15m W.

- AT 357m 2nd GULLY
- AT 420m 3rd GULLY
- AT 440m 4th GULLY

876 - AT 475m

- SMALL o/c ON N. BANK ON ROUND RIDGE ⊥ TO CREEK. ROCK IS A RUSTY-BRN, STRONGLY WEATHERED INTRUSIVE. HARD TO GET A FRESH SURFACE. MOTTLED DK RED/WH/YELL/BL. LOTS OF MICAS + QZ.
- AT 485m, SAME ROCK IN "TREE CROP", ~10M U/SLOPE. SMXSM o/c.
- AT 530m, BIG ALDER FIELD.
- AT 672m, SMALL OPEN NOB IN BIRCH FIELD
- 719m, OUT OF BIRCH/ALDER FIELD.
- AT 760m, HIT PROMINENT GULLY (DRY); FLOWS S INTO FRANK'S CK, FROM N BANK; ⊥ TO FRANK'S CREEK.
- TO WEST OF THIS GULLY, OPEN TERRAIN WITH CONIFEROUS TREES DOMINANT OVER BIRCH/ALDER.
- ON S. BANK, ARE SEVERAL LONG, NARROW SLIDE GULLIES, ⊥ TO CREEK. NO o/c.
- WALK N UP DRY GULLY, ON E. BANK
- RESTART CHAIN.
- elev A.T.P 4930' (20m NOFCK)

- AT 47m, AM AT elev 4980'
- AT 120m, 5080'

- AT 190m, 5070', AM ON ROAD/HORSE TRAIL, WHICH TRENDS ~NE/SW
- DRY GULLY IS GRASSY, WITH NO o/c. SEE OCCASIONAL BSUT. FLOAT.
- WALK N UP DRY GULLY, TILL AT 5180', NO o/c., BUT SOME VESIC. BSUT FX. IN GULLY.
- HEAD NE ON ROAD BACK TO CAMP

- AT 5160 D.P's, AM AT XING OF 2 SWAMPS (~785m)

1012 D.P's TO OUR CAMP TURN OFF
NO o/c.

FRIDAY, JUNE 19/07

TRAV. 33

- TRAV W. FROM FRANK'S FARM, JUST N OF PROPERTY. IN BSAUT UNTIL JUST W OF SMALL NOB. THEN HEAD W. DOWN CK. DOMINANTLY BSUT UNTIL PAST MAIN N/S SWAMP, WHEN GET INTO ANDESITIC TUFFACEOUS ROCKS OVERLYING A STRONGLY WEATHERED GRANODIORITE.

Project 580	NTS 920/9	Scale 1:15480	Page 1 of 2	Traverse 35
Sampler MM	Location, Target (words)		Sample Nos —	
Date JUNE 21	photo no. BC7670-007		Cert. Nos	

BCL16662 o-CSM

ATTITUDES (100/40 N)

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

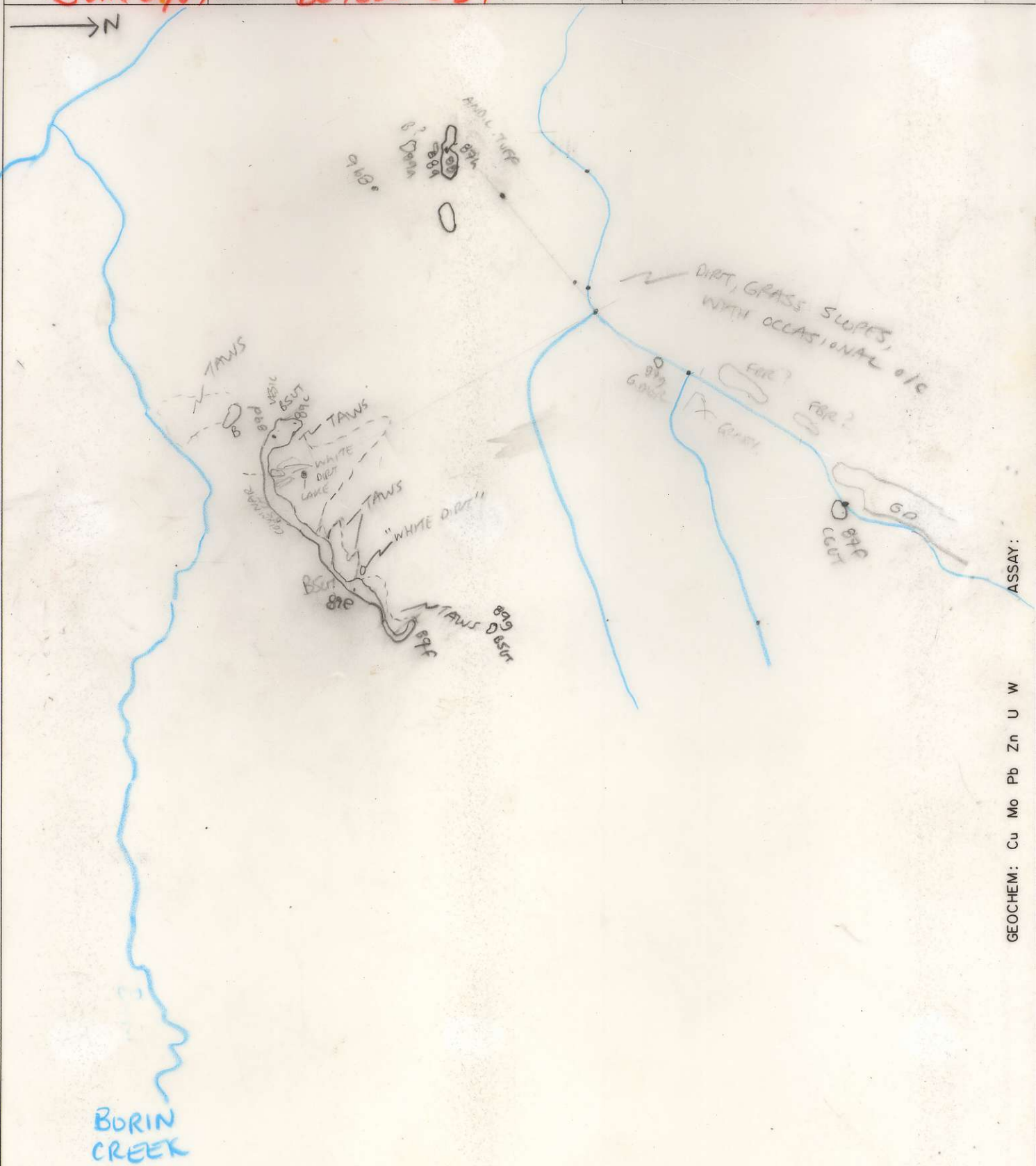
SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project	NTS	Scale	Page	Traverse
MSO	120I/14E	1:15,840	2 of 2	ST 35
Sampler: MM	Location, Target (words)		Sample Nos	MM7C-88,89
Date June 21/87	photo no. BC7605-037		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED- - - ASSUMED.....

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

INTRUSIVE | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | LIMESTONE DOLOMITE | SHALE | CHERT | GOSSAN, MINERALS

ATTITUDES 100/40 N

BCIL 6662 — CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

SUNDAY, JUNE 21/87

TRAV. 35

- START AT BOTTOM OF GULLY WHERE ROAD ENDS. HEAD W DOWN MAIN CK. START CHAIN. elev. AT CK. 4650'

87c - AT 4640' elev; 150m.
· 10m x 10m o/c of DK RED-BROWN WEATHERED GRANODIORITE. FRACTURED + MODERATELY MECHANICALLY WEATHERED.
-QZ-BIOT. RICH

87d - AT 190m. LG RECESSIVE, SUB-VERT CLIFF o/c OF GRANODIORITE. NOT AS WEATHERED - MEDIUM GY ON WEATHERED SURFACE. o/c ~ 25m HIGH (N. BANK

- AT 305m, o/c OF SAME INTRUSIVE ROCK ON S. BANK. ~20m HIGH.
- AT 330m, CK CURVES SHARPLY TO THE S. NW BANK IS SOLID CLIFF o/c OF GRANODIORITE AT BASE, BUT HEAVILY WEATHERED ROCK AT TOP - POSSIBLY BSUT OR FBR. SE BANK HAS SMALLER CLIFFS OF INTRUSIVE EXTENDING TO ~375m.

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1

-AT 3.65m, CK FLOWS NW AGAIN

87e - AT ~~85~~ 479. CLIFFS AGAIN ON S BANK OF DK. GY WEATHERED GRANODIORITE. WELL FRACTURED.

- SAME CLIFFS TO N. elev 4500' IN CK. CLIFFS END AT 560m, ON S BANK

- AT 720m, ~~CLIFFS ON~~ CK. HEADS SSW. CLIFFS N.W. BANK CLIMB UPSCAPE AWAY FROM CK.

87f

- AT 760m, CLIFFS ON SE BANK ARE RECESSIVE, PALE BRN. WEATHERED, FRACTURED. ~ 30m HIGH.

-AT 772m, CLIFFS ON NW BANK REACH CK. AGAIN

WELL SORTED, BUT POORLY INDURATED CONGLOMERATE. GOOD FINING UPWARDS GRADING.

- UG. ANGULAR BLOCKS OF GRANODIORITE IN FINER, SIMILAR MATRIX

BJF - EACH GRADING SEQUENCE →
25 to 100cm WIDE.
BEDDING: 153/28 SW (FAIR/GOOD)
CREEK elev. 4420'
- ENDS AT 800m

- AT 915m, CLIFFS ON NW BANK COME LOW TO CK + DISSAPEAR - CONTINUED UPSLOPE? STILL G.DIOR
- AT 960m. 20x20m P/C ON SE BANK OF G.DIOR. elev IN CK. 4380' CLIFFS END AT 1025 ON SE BANK.

- AT 1000m - N SLOPE IS OPEN DIRT + TREES - SMALL P/C AT TOP OF SLOPE.
- RECESSIVE CLIFFS ON S. BANK.

- AT 1150m - S SHAPED TURN
- 1280m, PALE BRN. WEATHERED CLIFFS TO N + DISCONTINUES.
- 1360m, OPEN GRASSY SLOPE TO SE

- AT 1410m, CK. ENTERS MAIN STREAM FROM SE. elev 4270'

- RESTART CHAIN AT CL

09g- AT 110m MOSSY CLIFFS ON SE BANK OF GY-W CATHERED GRANODIORITE. ~ 30m LONG, 15m HIGH. GRASSY, DIRT SLOPES ON N. SLOPE.

- AT 191m, HIT TZ7C-2

- AT 375m, HIT DRY CREEK ENTERING MAIN STREAM FROM SE. clr. elev 4190'.

- RESTART CHAIN, CONTINUE DOWNSTRM
- AT 80m, STOP
- ON BEARING 220°, HEAD TO TREED RIDGE.
- RESTART CHAIN

- AT 386m, AT BASE OF STEEP RISE IN SLOPE, ON SW SIDE OF DRY GULLY.
- CONTINUE UPSLOPE ON 220°
elev. 4150'

87h - AT 520m, AM AT elev 4370'
- HAVE CLIMBED UP SLIGHTLY OPEN GRASSY STRETCH ~30m WIDE, AND AM NOW AT BASE OF STEEP, NUBBLY WEATHERED CLIFFS. OPEN STRETCH CUTS BETWEEN 2 o/c's. W. CLIFF IS ~90m LONG, EAST CLIFF IS ~50m LONG.
- ROCK IS A DK GY-BRN WEATHERED ANDESITIC LAPILLI TUFF, WITH CLASTS UP TO 5cm LONG (RARE).
- FRAGS. INCLUDE FS-PORPHYRITIC BSLT, FSP ANDESITE, + FINE GR'D BSLT. MATRIX IS FINE GRAINED WITH A SANDY TEXTURE, + PALE GY-BROWN COLOUR.
- AGGLOMERATE?
- EAST-CLIFF IS ALSO FRAGMENTAL, BUT WITH SLIGHTLY SMALLER PARTICLE SIZE - TUFF/LAPILLI TUFF.
- ALL CLASTS ANGULAR

MM88 - AT 550m. elev 4450'. CONTINUOUS o/c NOW // TO RIDGE TREND. SMALL LENS HERE OF SMOOTHLY WEATHERED, DK GY, FINE-GRAINED BSLT? NON PORPHYRITIC

MM88 WK. GREEN TINGE. WEATH, EYES GRY.
LENS ~ 10m WIDE, 2m HIGH.

- DIRECTLY OVERLAIN BY A DARK GY WEATHERED VOLCANIC BRXX. ANGULAR CLASTS FROM 1mm TO 12cm. NO SORTING, HIGHLY FRAGMENTAL. NO FLOW BANDING.
- CLIFFS END AT 4525'.

MM89 - AT 4550' MOSSY o/c ~ 25m WIDE, OF A NUBBLY, GY WEATHERED ROCK. BROWN/PURPLE TO DK GREY MATRIX, WITH ALTERED FS PHENOS, + OLIVINE AMYGDULES. POSSIBLY FRAGMENTAL.

AND - B?

- o/c CONTINUES UP, TO 4620'
- SLOPE GETS SLIGHTLY LESS STEEP HERE. AMAT 680m CHAIN.
- HEAD S

89a - at 4730'. SLOPE IS LESSENING. %C IS ~ 20m LONG, 10m HIGH, OF ROUGH, GY WEATHERED VOLCANIC. HAS BRICK RED WEATHERED FRACTURE SURFACES. ROCK IS A DARK BROWN/RUS SLIGHTLY FS PORPHYRITIC, POSSIBLY FINE FRAGMENTAL MAFIC. AND ? OR B (2H.S')
- LG. VARIATION IN TEXTURE, IN HANDSPEC. PALE YELLOW TO GREEN ALTERATION PATCHES COMMON.

89b elev 4820'. AM ON RIDGE CREST. OPEN GRASSY SLOPE. NO %C.
- AT 850M CHAIN

- HEAD ALONG 110° FROM 89b, ALONG RIDGE CREST RESTART CHAIN.
- AT 185m, AM IN BOTTOM OF GULLY (ORM) TRENDING 020°
- AT 490m, SLOPE DROPS AWAY STEEPLY TO NE, SO CONTOUR AROUND CLIFF TO SE. AT ~ 4780'

-At 711m, HIT o/c! SMALL (3m WIDE ~) OPEN GULLY THEN o/c IN TREES. VAN RIDGE CREST. TALUS SLOPE EXTENDS TO NNW.

89c - A.T.P o/c IS RUBBLEY, GY WEATHERED BSLT. FINE-GRAINED DK GY MATRIX, WITH OLIVINE AMYGDULES ALTERED TO YELLOWY-GRN. VESICULAR BSLT FLOAT COMMON IN VICINITY.

89 d. SITTING ON TOP OF BASALT CLIFFS, ON W RIM of COLLAPSED FEATURE. elev 4895'. AMON TOP OF ~ FLAT PLATEAU. S.L.S., o/c CONTINUOUS THRU TREES, FORMING CLIFFS (VERTICAL) UP TO 20m HIGH. LARGE BLOCKY TALUS - FLOAT SLOPE EXTENDS DOWN TO TREES. ROCK IS A DK. GY WEATHERED VESICULAR BSLT. - DK. GY, FINE GRAINED ON FRESH SURFACE. - CLIFF FACES ALSO SHOW RUSTY WEATHERING AND/OR BUFF WEATHERING. - AROUND HEAD OF COLLAPSED FEATURE, FOR ~ 100m, BSLT IS COLUMNAR, FORMING VERTICAL JOINT SETS. REST OF BSLT IS RANDOMLY FRACTURED.

89d. IN CENTRE OF FEATURE, EXTENDING DOWNSLOPE FROM S. EDGE, IS A LOW GULLY SLOPE OF BUFF COLOURED SOIL. - POSSIBLY EROSIONAL FROM BUFF WEATHERED BSLT. TINY LAKE IN TREES IN CENTRE OF FEATURE.

89e - ON NARROW RIDGE, BETWEEN 2 DISTINCT GULLIES. BSLT CLIFFS NARROW THRU TREES, BUT CONTINUOUS. STILL VESICULAR, BUT WEATHERS DK GREY, RED-BRN OR BUFF! - ~ 30M DOWN RIDGE (OPEN TREES) IS A PATCH OF PALE BUFF-YELLOW DIRT/SOIL SIMILAR TO THAT IN COLLARED FEATURE. NO INDICATION OF ORIGINAL ROCK. BSLT CONTINUES ET

89f. CASI OPEN BSLT O/C. BROWN WEATHERED, CLIFFS ~ 20M HIGH, WITH TALUS DOWN TO TREES. NO REGULAR JOINTING PATTERN. BSLT STILL DK. GREY TO BRN-GY, FINE-GRAINED + VESICULAR. elev. 5010'; 1030M CHAIN - HEAD N, RESTART CHAIN

09g - AT 253, 20x20m PECCOSON NOB OF VES. BSOT IN OPEN TREES

- AT ~600m, HIT 1ST DRY GULLY
- AT ~1050 m, HIT 2ND DRY GULLY.

		JUNE 24/07		16

Project 4580	NTS 920/7	Scale 1:5,000	Page 1 of 1	Traverse MM36
Sampler MM	Location, Target (words)		Sample Nos MM7C-90	
Date JUNE 22/07	photo no. BC 7670-008		Cert. Nos	

BC1 6662 o-CSM

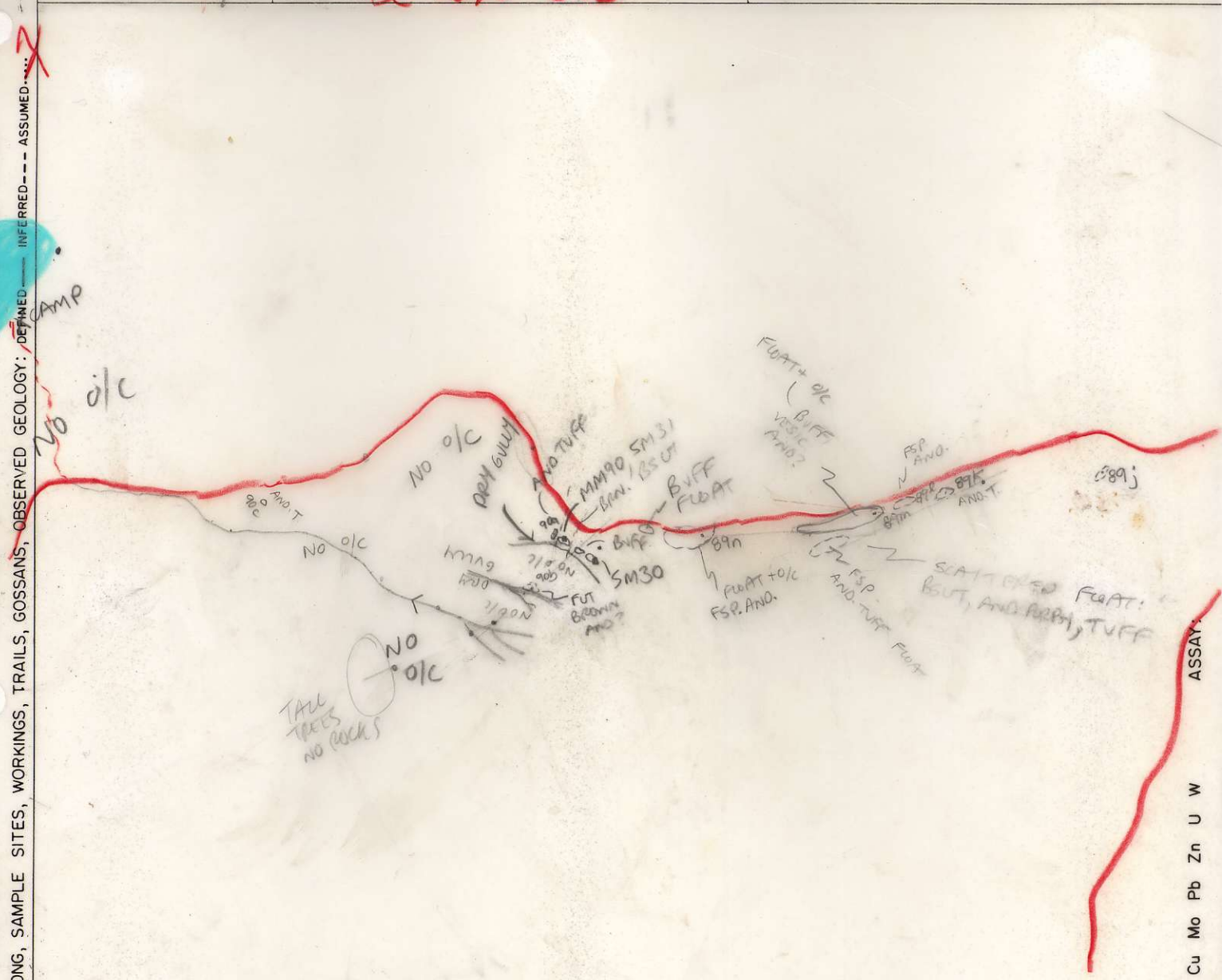
ATTITUDES (~100/40°N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED ····



GEOCHEM: Cu Mo Pb Zn U W ASSAY

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

MONDAY, JUNE 22/87

TRAV. 36.

- MAP S. OF ROAD WHICH TURNS W OFF FRANK'S ROAD, WEST TOWARDS CAMP.
- elev AT X-ROADS IS 5750'

89i - AT 10Am. STARTED OFF ON 255°, BUT DROPPED DOWN TO THIS OPEN SPOT. NO O/C, BUT FLOAT IS A PALE-GY TO GY-GRN FS, HORNBLENDE PORPHYRITIC ANDESITE. OPEN FLOAT ~20m LONG, X10m WIDE., TRENDS ~// TO ROAD

89j - SMALL O/C - 5x5m, OF SAME ANDESITE PORPHYRY. GREEN TINGE TO WEATHERED SURFACE, AS WELL AS FRESH
- AM ~ 40m S. OF ROAD, AT 310m.

* IT IS SNOWING ....
- ROAD HAS CURVED AWAY TO THE N AT THIS POINT.
- CONTINUE ON 255°
- AT 362m, SMALL OPEN AREA NO O/C, BUT FLOAT IS DOM. MAFIC BASALTIC. FINE GR'D +/or VESICULAR. SR'd

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- AT 520m, ENTER SLIGHTLY SWAMPY AREA - BUSH MORE OPEN, BUT LOTS OF LITTLE BUSHES
- AT 615m, HEAD 345° TO ORY, NON-BUSHY, FLOAT GROUND, AT 640m,
- HEAD 245°

89K - AT 750m, ROAD IS ~10m N OF ME. WALKING THRU OPEN TREES, WITH NO O/C. A.T.P. HAVE COMMON FLOAT, OF GY-BRN VESICULAR BASALT AS WELL AS PALE GY-PINK TO GY-GRN ANDESITIC TUFF TO LAPILLI TUFF, WITH FS. PHENOS. MAFIC FRAGS ARE ALTERED TO PUKEY BROWN. I THINK THE ANDESITE FORMS RECESSIVE O/C HERE, WITH THE BASALT FLOAT TRANSPORTED.

89L AT 850m, PERVASIVE FLOAT SA-SR OF GY-GRN TO PALE PURPLE WEATHERED FS-PORPHYRITIC ANDESITE. FRESH SURFACE HAS A GREEN TINGE - MORE PURPLE ON RIMS. AM ONLY 5m S OF ROAD.

89m. AT 870m. PERVASIVE SUB-ANG. TO ANG. FLOAT, AND "TREE-CROP" OF BUFF TO GY WEATHERED VOLCANIC. FRESH SURFACE IS PALE PINKY-BROWN, FINE GRAINED AND WEAKLY FS PORPHYRITIC. MAY OR MAY NOT CONTAIN ELONGATED VESICLES, GENERALLY ALTERED PALE RUSTY BROWN. WEATHERS TO SMOOTH SURFACES. FIELD ~ 30M WIDE, [redacted]. ROAD - 15M N. . CONTINUES TO 980m.

- ALSO SEE RARE VESICULAR BASALT SR FLOAT, AS WELL AS OCCASIONAL PURPLE, FS-PORPHYRITIC ANDESITIC LAPILLI TUFF.
- PALE ROCK BSLT OR ANDESITE (?)

- AT 1050m. ON N. EDGE OPEN SPACE. ROAD ~ 25m N.
- TOPO SLOPES DOWNHILL TO S. elev 5540'
- STILL IN PERVASIVE SA FLOAT. TON IT IS PALE BROWN, STRETCHED VESICULE VOLCANIC, HERE I SEE DOMINANTLY PURPLE-GY FS PORPHYRY, VERY TUFFACEOUS - AND.
- FLOAT EXTENDS N TO ROAD

1142m. STILL IN PERVASIVE FLOAT + OCCASIONAL TREE CROP OF BUFF TO PALE BROWN, V. FINE GRAINED VOLCANIC, WITH OCCASIONAL STRETCHED VESICLES. THIS ROCK CONTINUES TO // ROAD.

- TO THE S ~20m, IS A PATCH OF SA FLOAT OF PALE GY-PURPLE ANDESITIC TUFF TO LAPILLI TUFF; STRONGLY FS-PORPHYRITIC.
- GO 265° FROM THIS PT
- BUFF FLOAT CONTINUES SPORADICALLY TO 1200m.
- TO 1325m FLOAT IS PALE + POLYMICTIC. AT 1350m, HIT OPEN AREA CUT BY ROAD. COMMON FLOAT - DOMINANTLY SA., PURPLE, FS-PORPHYRITIC, ANDESITE. PALE QZ EYES.

89n - AT 1376m IN ABOVE FLOAT.
- ALSO COULD BE RECESSIVE % OF FSP ANDESITE.

- AT 1625m, AM ON OPEN SLOPE, HEADS S.
- HEAD N. HIT ROAD AT 40m, WHICH TRENDS 062°. AT 75m, ROAD SWINGS NW

89o - ON N GULLY SLOPE ~20M UP FROM BOTTOM
- SLOPE HAS RECESSIVE O/C + PERVASIVE ANG. FLOAT OF BUFF WEATHERED, PALE

890 - GY TO CREME, FINE GRAINED ANDESITE. FAINT PALE YELLOW AU'd PHENOS? - FS? SIMILAR TO BUFF ANDESITE SEEN THIS AM, YET WITH OUT VESICLES.* SEE VESICLES HERE

*AT ■ 5M7C - 30

- O/C ~ 25m LONG, SPACE FOR 25m, BUFF FOR 20m, SPACE 25m, THEN NEW ROCK

MM90 - AT ■ 5M7C - 31

- ROCK IS A DULL GY-BRN WEATHERED, WKly VESICULAR, WKly FSP BSUT OR ANDESITE. FINE GRAINED, OLIVE/BRN COLOUR, WITH PALE RUSTY AUTERED VESICLES + PHENOS. SEEMS TO BE INTRUDED BY A PORPHYRITIC PHASE (SEE HAND SPEC). WHICH IS PALER BROWN AND IS STRONGLY Q-FS PORPHYRITIC. NO DEFINED CONTACT, BUT SEE FEATURE NEAR BOTTOM OF O/C.

- AM ~ 20m E. OF TREES

90a - 3m W OF MM90; 5m WIDE BAND OF DK GY-PURPLE FS. PORPHYRITIC ANDESITIC TUFF - LAPILLI TUFF. PHENOS UPSCOPE. DYKE? WOULD UNDERLIE MM90, AS DIPS E.

- FROM ~ MIDDLE OF OPEN SLOPE, HEAD 230°, TOWARDS 2 DISTINCT SE/NW GULLIES.
- RESTART CHAIN

- AT 40m, AM IN GULLY BOTTOM

90b — AT 170m AM ON OPEN, N SLOPE OF GULLY.
- FLOAT ON SLOPE IS PALE BROWN WEATHERED, BROWN, FINE GRAINED VOLCANIC, WITH RUSTY WEATHERED, STRETCHED VESICLES. OCCASIONAL FLOAT (R) OF VESICULAR BASALT AS WELL.
- NO TRUE O/C - ONLY FLOAT. NO O/C OR PERVASIVE FLOAT SINCE LAST CLK.
- GULLY IS SPLITTING 2 HERE, TO THE EAST, BOTH SIDES DRY.
- AT 206m, AM BETWEEN 2 SPLITS, IN MIDDLE OF GULLY.
- AT 309m, AM ON N. SLOPE OF GULLY. NO ROCK SINCE 90b
- NO O/C, BUT SOME FLOAT. DOMINANTLY VESICULAR BASALT, BUT DO SEE FLOAT OF PURPLE FS-PORPHYRITIC ANDESITE AS WELL AS BROWN, VESICULAR AND — BSLT.
- FROM THIS POINT, HEAD 245°. RESTART CHAIN.

- STOP + 320m + GO BACK TO CK.
NO O/C OR FLOAT ANYWHERE!

- BACK AT LAST GULLY - MAIN CK
HEADING NW TOWARDS CAMP + ROAD.
- TRAV NW ALONG CK BANK.
- RESTART CHAIN
- AT 310m, DRY STREAM ENTERS FROM
N, + TO MAIN CK.

- AT 770m, CK HITS ROAD, AND SWINGS
→ WEST.
- MAP S. SIDE OF ROAD FROM THIS POINT E,
TO WHERE I HEADED TOWARDS THE
GULLIES.

90C - AT 160m. AM ON SMALL OPEN
SLOPE. SMALL, RECESSIVE O/C OF PALE
GY-GRN WEATHERED ANDESITIC LAPILLI TUFF.
- FRESH SURFACE IS DK GREEN MOTTLED
WITH PALE BROWN + PURPLE. STRONGLY
FS PORPHYRITIC. O/C <10X10m.
- AT 515m, AM AT ROAD AGAIN. HEAD E.
- AT 891m, AM AT ROAD AGAIN

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- MAPPED S OF ROAD WHICH RUNS WEST FROM FRANK'S ROAD TO CAMP.
- MAPPING WEST. STILL SEE FLOAT VESICULAR BSUT, BUT NOT IN o/c.
- DOMINANTLY ANDESITE AS FELDSPAR PORPHYRY OR TUFF TO LAPILLI TUFF. ALSO BUFF COLOURED FINE GRAINED ANDESITE ~~TUFF~~, OCCASIONALLY WITH STRETCHED VESICLES. DARKER BROWN ANDESITE OR BASALT HAS SIMILAR APPEARANCE. CREEKS S OF ROAD, INCLUDING OUR WATER CK, HAVE NO o/c, AND LITTLE FLOAT.

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Project	NTS	Scale	Page	of	Traverse
M580	92O/7	1:5480			37
Sampler	Location, Target (words)		Sample Nos		
MM					
Date	photo no.		Cert. Nos		
JUNE 23/87	BC 7583-112				



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SPECIMEN SITE, A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER ○

INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | GOSSAN, MINERALS

ATTITUDES (100/40 N)

BC116620—CSM

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

TUESDAY, JUNE 23

TRAV. 37

- FROM LAST CK INTO BORNN FROM S. (■ MM 54), 2100m TO CLAIM LINE.
- 950m S ALONG KING 3 CLAIM LINE TO FAIRLESS CK.
- 2450 m ALONG FAIRLESS TO CK.

(MM 91 ; 90d) START

- START TRAV. ON N. SIDE OF BORNN CK, AT ■ MM 54. TRAV. W. ALONG CK. elev. 5150'

AT 120m, OPEN TREED SLOPE TO N. MOSTLY GRASSY, BUT SMALL o/c + FLOAT OF FRACTURED, RUSTY WEATHERED, SANDY BASALT. OPEN SWAMP TO S.

- AT 263m SWAMP WIDENS. GRASSY SLOPE TO N HAS FLOAT SANDY BASALT + OCCASIONAL VESICULAR BASALT.
- AT 540m, SWAMP NARROWS TO WINDING CK. NO o/c S OR N BANKS

- AT 1194m, SMALL CK ENTERS FROM N.
- AT 1250m, SMALL OPEN VISTA elev. 5040'

MM91: AT 1575m. ON S. BANK, CLIFFS ~15m HIGH OF PALE PURPLE TO GY-BROWN ANDESITIC TUFF TO LAPILLI TUFF, WITH RARE ANGULAR FRAGMENTS UP TO 5cm LONG.
- STRONG GOOD/FAIR BEDDING: 050/50SE
- o/c ~ 30m LONG, NO o/c ON N. BANK.
- elev. 5000'

91a - AT 1660m. SAME ROCK o/c's ON S. BANK. NO o/c ON N. BANK, BUT OCCASIONAL BSLT. FLOAT.
- o/c ~ 0m HIGH, 4cm LONG.
- AT 1715m, SAME ROCK ON S. BANK 10X2m
- 91b - AT 2430m. ON S. BANK, 2m HIGH o/c OF DK GY-BRN VESICULAR BSLT. ~15m LONG.
- GRASSY SLOPES ON N. BANK ~~HAVE~~ HAVE R. FLOAT OF AN ASSORTMENT OF ROCK TYPES, BUT NO o/c.
- AT 2465 - ON S. BANK 10X2 SAME ROCK
- 91c - AT 2560m, ON S. BANK. OPEN, RECESSIVE CLIFF OF POORLY CONSOLIDATED PEBBLE CONGLOMERATE. NO BEDDING OR

9/c - VISIBLE GRADING. ~ 15m HIGH, 25m LONG. PEBBLE TO COBBLE SIZED CLASTS OF BSLT, ANDES etc - EXTREMELY POLYMICTIC. elev. 4920'

9/d - AT 0673m. O/C ON BOTH SIDES OF CK. CLIFFS ~ 5m HIGH, RISING TO 10m. FAULT GULLY.
- ROCK ON BOTH SIDES IS A RANDOMLY FRACTURED, RUBBLY, VESICULAR BASALT.
- AT 2760m, X TO S. BANK
- RECESSIVE O/C ON N. BANK OF STRONGLY WEATHERED DK. GY. BRN FINE GRAINED BSLT. WEATHERS AS EXFOLIATION CONCRETIONS.
- CLIFFS ON S. BANK CONTINUE
- AT 2820m, AMON TOP OF S. BANK CLIFFS. elev. 4950'.

9/e - AT 2850m. CLIFFS ON N. BANK RISE UP TO FORM VERTICAL CLIFFS SLIGHTLY HIGHER THAN S. BANK. ROCK IS A WELL FRACTURED (~ HORIZONTAL) BUFF/GY TO PALE BRN WEATHERED VESICULAR BASALT. V. SIMILAR TO THAT AT 89d (COLLAPSE FEATURE).

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- CLIFFS CONTINUE TO W, DOWN STREAM
- AT 2980m, HIT GULLY ⊥ TO BORIN CORY.
- FROM THIS POINT, HEAD S. TO FAIRLESS CK.
- RESTART CHAIN

*AT 326m, OUT OF CHAIN. POSSIBLY ADD ON UP TO 20m.
- CONTINUE S
- AT 622m HIT BANK OF STEEP CLIFFS WHICH SLOPE S DOWN TO FAIRLESS CREEK.
- O/C FORMS STEEP CLIFFS IN TREES ON S. BANK, & WELL ASN. BANK.
91f - AT 622m. elev. 5020', NO O/C SINCE BORIN CK.
- ROCK HERE + IN LG. CLIFFS TO W, IS A DK. RED-PURPLE TO PALE PURPLE WEATHERED ANDESITIC LAPILLI TUFF, STRONGLY FS. PORPHYRITIC, WITH FS ALTERED TO CLAY.
- O/C LOOKS SIMILAR ACROSS GULLY.

- CONTINUE ALONG TOPS OF CLIFFS, AS TOO STEEP TO GET DOWN TO CREEK.
- HEAD SE, UPSTREAM

AT 485m, HAVE ~ CONTOURED THRU TREES.
- AM ON W BANK OF STRONG GULLY, ⊥ TO FAIRLESS CREEK, IN OPEN AREA. NO O/C, BUT OCCASIONAL BASALTIC FLOAT. elev 4940'
- AT 566m, AM CONTOURING AROUND ON E SIDE OF DRY GULLY. O/C ABOVE.

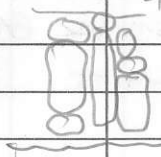
MM92 - AT 624m (UPSLOPE FROM 566m) elev 5020'.
- LG. MOUND OF ROUNDED WEATHERED, PALE GY-BRN VOLCANIC. HAS A FINE GRAINED INTRUSIVE TEXTURE - ALMOST SANDY. O/C IS ~ 20 m HIGH, 40m LONG.
- CONTINUE TO CONTOUR
- 926 - AT 722m. AM IN NARROW OPEN PATCH, LOOKING W. DOWN FAIRLESS CK.
- O/C + FLOAT HERE OF SAME FINE GRAINED GRANODIORITE (?) MOTTLED WHITE, BLACK, PALE BROWN ON FRESH SURFACE. elev 5000'
- 926 SAME ROCK. 750m

92c. AM ON NARROW OPEN NOSE OF ROUNDED, PALE GY-BRN WEATHERED, FINE GRAINED INTRUSIVE - IS IT INTRUSIVE?!
- AM AT 900m. elev 5040'. THIS ROCK FORMS SUB-VERTICAL CLIFFS DOWN TO CK. O/C ON OPPOSITE BANK HAS SIMILAR WEATHERING CHARACTERISTICS. ON SAME SIDE, ROCKS TO SE LOOK COLUMNAR JOINTED! (VERTICAL).
- IS THIS ROCK A SANDY AND-BSUT?!

92d - AT 1080m., WALK DOWN CLIFF(!) TO WHERE ROCK LOOKS COLUMNAR JOINTED IS SAME ROCK, BUT MUCH FRESHER. FRESH ROCK IS A MEDIUM GREY, HBL FS PORPHYRITIC ROCK, OR STILL POSSIBLY INTRUSIVE. I THINK IT'S STILL ~~ANDESITE~~ ⇒ INTRUSIVE
- ROCK WEATHERS INTO RECTANGULAR, VERTICAL COLUMNS WITH ROUNDED EDGES.
- ALL ROCKS IN VICINITY WEATHER THE SAME PALE GY-BRN) + SIMILAR TEXTURE.

- AT 1155M, CLAIM POST (I.D.): (E/WUNE
  - KING 3
  - 4 SOUTH, 1 EAST
  - MARCH 10, 1903
  - TAG # 81914

- AT 1425M, STILL IN O/C OF SAME ROCK. EXTENDS FROM TREELINE DOWN TO GULLY. ROCK ON THIS (E) SIDE OF GULLY IS STILL ROUNDED WEATHERED IN REGULAR FRACTURE PLANES, AT RIGHT ANGLES



- ROCK ON W. SIDE OF GULLY HAS A SIMILAR WEATHERED COLOUR, BUT LACKS THE ROUNDED FRACTURE TEXTURE. IT IS JUST BLOCKY + RANDOMLY FRACTURED. TO S, CLIFFS ARE RECEDING INTO TREES, + SLOPES LESSEN.

- AT 1585m, X PINK FLAGGED N/S CLIFF
- AT 1620m, CK SWINGS E
- AT 1711 m. NO O/C ON S. BANK. STILL IN CLIFFS OF SAME ROCK, ON N. BANK
- AT 1965M. SAME ROCK IN CLIFFS ON N. BANK.
- MOSSY CLIFFS IN TREES ON S. BANK, OF SIMILAR LOOKING ROCK, BUT NOT SURE.
- TO E ON N. BANK, TREES MUCH HIGHER UP FROM GULLY, + O/C FARTHER DOWN, SO GET A GRASSY AREA AT TOP OF SLOPE. elev. HERE IS 5130'
- ~~FB~~ THIS POINT,
- SEE OCCASIONAL VESICULAR BASALT FLOAT ON TOPS OF CLIFFS.

* HBL. IN ROCK IS VISOFY SO IT'S PROBABLY NOT HBL AT ALL, BUT BIOTITE.

- RESTART CHAIN, HEAD 040° BACK TO BORAN CREEK.

JUNE 23/07

- AT 70m, AM 11'NG CLIFF BANK.
  AT ~ HEAD OF GULLY.
- CLAM POST (CORNER)
- CREEK 2
  5N
- D. PIGEON
- JUNE 30/06 E/W LINE → E

- AT 700m, CROSS E/W BLUE FLAGGED CLAIM LINE.
- AT 1390, HIT NARROW SWAMP
- AT 2052m, HIT BORUN CREEK.

Project M580	NTS 920/7	Scale 1:15480	Page 1 of 2	Traverse MM-38
Sampler MM	Location, Target (words)		Sample Nos —	
Date JUNE 25/07	photo no. BC7667-252		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED.....

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | GOSSAN, MINERALS

BCIL6662o—CSM ATTITUDES (100/40 N)

Project M580	NTS 920/7	Scale 1:15480	Page 2 of 2	MM38 Traverse
Sampler MM	Location, Target (words)		Sample Nos MM7C-93,94	
Date JUNE 24/87	photo no. BC7670-006		Cert. Nos	

BCL 6662 o—CSM

ATTITUDES (100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED ....

SILT X SOIL ● ROCK ■ PAN △ WATER O



CHEVRON MINERALS —— DAILY TRAVERSE REPORT

WED. JUNE 24

TRAV. 30

- START TRAV AT N. END OF CAMP LAKE, ON WEST SIDE OF DRAINAGE (→N)
- BEARING 330°, START CHAIN.

- AT 535m, AM ON OPEN SLOPE, JUST BELOW TREELINE, ~AT HIGHPOINT (5060')
- ROCK IS A FINE CONGLOMERATE - MAPPED BY S.M.
- AT 660m, AM IN TREES ON SLOPE HEADING DOWNHILL TO NW.
- FROM THIS POINT, HEAD 295°. RESTART CHAIN. NO O/C YET
- AT 1715m, OPEN BUSH. 20×20m PATCH OF SR FLOAT OF GRANODIORITE. NO O/C
- AT 1883, 15×15m PATCH OF SIMILAR G. DIOR FLOAT. BUSH STILL FAIRLY OPEN.

92e - AT 2039m, HIT EDGE OF VERTICAL CLIFFS WHICH SLOPE DOWN NNW. elev. 4980'
- ROCK IS A PALE GY-GRN TO BUFF WEATHERED ROCK, WEAKLY + RANDOMLY FRACTURED, WITH ROUNDED FRACTURE SURFACES. AT TOP OF CLIFFS IT IS A WHITE/PK GRN MOTTLED, BIOTITE-QZ RICH GRANODIORITE, WITH

92e - WK. CLAY ALTERATION. WEATHERS PALE GY-GRN TO PALE PINK. CLIFFS LOOK LIKE SIMILAR ROCK. CLIFFS INTERSPERSED WITH TREED AREAS.

- FROM THIS POINT, HEAD NE ALONG TOP OF CLIFFS. RESTART CHAIN.

- AT 115m, TREES REPLACE CLIFFS -

92f - AT 513m. FLAT OF PURPLE, FS. PORPH. ANDESITIC LAPILLI TUFF. 5x5m, elev. 4890'. IN OPEN FOREST ON CLIFF TOPS. NO O/C BELOW, ONLY TREES

92g - IN TREES. O/C ~ 20m LONG, 10m HIGH, OF DARK PURPLE-BRN ANDESITIC LAPILLI TUFF.

- FINE GRAINED SANDY MATRIX, WITH CLASTS UP TO 3cm L.D., ROUGH WEATHERED TEXTURE. elev 4810'
- AT 709m
- CONTINUES TO 750m
- CLASTS ROUNDED TO UP TO 10cm L. to

⇒ VOLCANIC CGLT.

92h - AT 1020m. elev 4770'
- ON TREED NOSE. o/c OF LOW CLIFFS IN TREES; ~ 15m HIGH, OF DK. PURPLE-BROWN ANDESITIC LAPILLI TUFF/VOLC. CONGLOM.
- CLASTS BOTH ANGULAR & ROUNDED. MATRIX LOOKS LIKE A FINE GRAINED LAPILLI TUFF.
- o/c ~ 50m LONG AROUND NOSE.

BREAK CHAIN, BACK to 92e

- BACK AT 92e. HEAD SW ALONG TOP OF CLIFFS. RESTART CHAIN.

92i. AT 1490m. AM ON UP OF VERY STRONG GULLY WITH SUB-VERTICAL CLIFFS EXTENDING ALMOST TO CHURN CREEK, ACCOMPANIED BY EXTENSIVE TALUS SLOPE. AT TOP, ROCK IS A PALE GY-BROWN WEATHERED GRANO-DIORITE. IT IS WELL FRACTURED, BUT NO DISTINCT FRACTURE ORIENTATION. FRACTURE SURFACES HAVE ROUNDED EDGES. CLIFFS LOOK TO BE ALL THE SAME ROCK.

92j - ACROSS GULLY FROM 92i, ROCK IS SLIGHTLY DARKER RUSTY WEATHERED. SHARP CONTACT AT TOP OF CLIFF ALONG

92j - EDGE OF TALUS, BUT GRADATIONAL INTO PALE GY-BROWN WEATHERED G DIOR ~ 1/5 WAY DOWN CLIFFS.

* elev AT 92i 4030'

92k. G DIOR INTRUDED BY A 1m WIDE BSUT. DYKE. ROCK IS DARK BROWN, FINE GRAINED, SLIGHTLY SANDY BSUT.
- NO ALTERATION ON MARGINS.
270/66S (FAIR)
- ONLY VISIBLE ON NW SIDE OF GULLY
elev 4900'

- AT 635m, AM ~ AT 92j. DIKE COLOURS ONLY A WEATHERING PHENOMENA.
- NW SIDE LOOKS LIKE ITS CUT BY SEVERAL BSUTIC DYKELETS.

92l - AT 1060m (~~~ LINE!).
OPEN W-TRENDING RIDGE, WITH S/C OF BRANODIORITE AT TOP. CAN'T SEE OVER CLIFF TO SEE IF CONTINUES DOWNSLOPE, BUT WOULD EXPECT SO.

92e. SIMILAR PALE GY/BRN WEATHERING. elev 4720'

- AT 1690m AM IN GULLY (CK) BOTTOM. 4690'

- AT 1700m, AM ON S. SIDE OF GULLY elev 4760'
  - CLAIM POST (1.0)
  - SWAMP 2
  - 4W, ON #90355
  - AUG. 26/03

- TRAV. 140° TO N20 OPEN HILL SLOPE.
  - RESTART CHAIN.
  - AT 900, CROSS BLUE CUT LINE TRENDS NE ?/

- AT 1220m. elev 4890'
- AT 1350m. FLOAT OF DK. BROWN FBR.
- AT 1480m, AM ON EDGE OF TREES. ~~NFR~~ O/C OF GY R-FS PORPHYRITIC. 20m LX 5m WIDE

MM93-E6 LOT 5230'.

[AT 1660m; AM ON CREST OF RIDGE]

~100m UP RIDGE, JUST W OF TREES.

- O/C, IS INTERMITTENT, OVER OPEN SLOPE OF HILL, BUT ONLY COVERED BY ~2" OF GRASS!
- HERE, ROCK IS A PALE RED-BROWN WEATHERED, PALE PURPLE FRESH TUFF.
- WKly FOLIATED, + FS PORPHYRITIC
- OCCASIONAL QZ EYES
- MAPPED BY MINEQUEST AS RHYODACITE.

- ~~FROM 1660m, HEAD 130° TO NEXT HI POINT RESTART CHAIN.~~
- FROM SW END OF SW OF 2 LAKES, HEAD 135° FOR 800m

- AT 2050 PS (~~1355m~~) HIT SMALL SWAMP
- AT 230, AM ON FAR SIDE.

1.DP = ~~1.5~~ 1.5 m

93a - AT 3700 D.P's. SMALL o/c (10X10) OF GY-BRN WEATHERED VESICULAR BASALT.
- GY-BRN FRESH SURFACE; VESICLES ARE SMALL <2 mm C.D.
elev. 5100'. BUSH IS SEMI-OPEN.
- SIMILAR o/c AT 396 DP's.
- AT 422 DP's, AM ON TOP OF FLAT, TREED PLATEAU. elev. 5160'

93b - AT 475 DPS, elev 5160'. AM IN SMALL OPEN AREA, WITH RECESSIVE o/c OF DK. GREY-BROWN WEATHERED VESICULAR BASALT. o/c ~ 20m LONG X 10M W.
- ROUGH WEATHERED SURFACE.
- FROM THIS POINT, HEAD 075° TO ROAD

- AT 730 DP's. SMALL OPEN AREA, WITH RECESSIVE o/c OF VESICULAR BSLT. SAME AS 93a. elev 5120'

MM99; AT 230 DP's. elev. 5120. SMALL OPEN AREA. o/c ~ 30m LONG, 15m WIDE.
- PALE GY-ORANGE WEATHERED.

MM94 ROCK IS A PALE PURPLE-GY, VESICULAR ANDESITE? VESICLES OCCASIONALLY ALTERED PALE YELLOW.

- ~~HEAD~~ 085°.

- AT 6000. PTS, HIT GULLY, 20 PRS. ABOVE ROAD, FOLLOW ROAD TO CAMP

WED. JUNE 24
TRAV. 38

- V. LITTLE o/c ON FLAT PLATEAU. CLIFFS ON CHURN CREEK ARE DOMINANTLY GRANODIORITE, WITH AN ANDESITIC CONGLOMERATE - LAPILLI TUFF AT THE N END OF SWAMP 2 CLAIM. TO SE, V. LITTLE o/c EXCEPT FOR HIGH POINTS.

- SE HIGHPOINT IS BSUTIC, WITH A PALE PURPLE ANDESITE TO THE EAST, JUST ABOVE STEEP CLIFFS ON FRANKS CREEK

SAMPLES MM 7C-W 93, 94

Project M580	NTS 920/8	Scale 1:15480	Page 1 of 1	MM-39 Traverse
Sampler MM	Location, Target (words)		Sample Nos ——	
Date JUNE 25/87	photo no. BC7605-029		Cert. Nos	



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED .....

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

SILT X SOIL ● ROCK ■ PAN △ WATER O

INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | GOSSAN, MINERALS

WSD—0266220—CSM
BCL
ATTITUDES (~100/40 N)

THURS. JUNE 25

TRAV. 39

- FROM PEARL IN/ZE, HIT ROAD AT 365m.
- AT ~~[illegible]~~ 385m E OF RIDGE CROSSING ROAD.

START 94a

1) FIND PEARL CLAIM POST
2) O/C ON BLACKDOME ROAD
3) MAP ROAD TO BORUN TURN

60.85 km - // ROAD ACCESS
62.05km - BORUN ROAD

2.25 km FROM B. DOME ROAD, START MAPPING WEST

- START CHAIN ON S SIDE OF ROAD ON PEARL IN/ZE LINE. WALK S TO CLAIM POST elev. 5980'
- AT 116m, HIT CORNER POST IN TREES PEARL ON/ZE elev. 6040'
- OCT. 16/83 FOR MINE INVEST

94a- elev. 6010'
~ 5m N of ROAD on open RIDGE
~10 m S of MM74 °/c of
PK. BRN/BLK. VESICULAR BASALT.
~ 1m x 1m.
- TRAV. SE FROM ROAD ALONG SAME
RIDGE START CHAIN.

94b - AT 271 m. CLIFFS OF FLOW BANDED RHYOLITE
RISE VERTICALLY OUT OF GENTLE TOPO.
TREND ~ 012°
- PALE PURPLE - BRN WEATHERED.
- FLOW BANDING: 100/22 NE (FAIR).
- FRESH SURFACE IS A PALE REDBRN TO PALE
GY FLOW BANDED RHYOLITE. WEAKLY FS-PORPH,
WITH CLAY ALT'N OF FS PHENOS
- CLIFFS UP TO 8m HIGH, °/c IS ~
50m LONG, 25m WIDE
- elev 6170' AT TOP
- THIS RIDGE CROSSES ROAD AT
270.9km.
- AT 271.7km, AM AT GRAVEL PIT,
BELOW °/c ON S. SLOPE.

NEVILLE CROSBY INC. 46L

JUNE 25/07

99c - OPEN SLOPE, S OF ROAD. AT 30m, AM AT BOTTOM OF OPEN AREA, AT 76m, AM AT TOP - elev 6195'.
- ROCK IS RECESSIVE o/c OF SMOOTH, GY-BRN WEATHERED BASALT. GY-BRN FRESH SURFACE - V. FINE GRAINED + NON-PORPHYRITIC. LOTS OF ANGULAR FLOAT ON SLOPE OF SAME ROCK.
OPEN AREA ~ 40m WIDE.
- elev AT ROAD IS 6080'.
- TO N OF ROAD A.T.P., OPEN AREAS IN TREES HAVE ANG. SMOOTH FLOAT OF FINE GRAINED BSLT (99c), BUT NO o/c.

- "CAR PARK." elev 6050', 271.95km
- FRANK'S ROAD TURNOFF AT 274.8 km elev. 6195'

- START MAPPING FRANK'S ROAD AT 277.0m.
- 94d - AT 278.35 km, ON N. ROADCUT FRACTURED o/c ~ 5m CONG, 1m HIGH, of DK. GRY/BCK, FINE GRAINED BASALT, wkly FS PORPHYRITIC. WEATHERS SMOOTH, SAME

NEWILLE CROSBY INC 45 LF

94d. GY-GRN COLOUR
elev. 5550'

- AT 278.49 km., ROAD CUT o/c ~ 10m L.
2m HIGH, OF PALE GY, SMOOTH
WEATHERED BSLT. GY. BRN, FINE GRD.

94e. AT. 278.55 km. 10m LONG x 2m H
o/c IN ROAD OF STRONGLY ALT'd
FRAGMENTAL VOLCANIC, WEATHERS BRN-GRN,
QUITE FRIABLE.
- LAPILLI SIZE ANG. FRAGS
BSLT OR ANDESITE?

- AT 278.65 km ON N. ROAD CUT
- o/c OF PALE GY-GRN ALTERED
LAPILLI TUFF (AGGLOM), WKly
Qtz, Fs PORPH.
- o/c ~ 5m LONG, 2m HIGH.

- SAME ROCK o/c AT 278.875 km.
- SLIGHTLY GRNER. ~ 5m LONG, THEN
GRADES INTO 5m OF UNSORTED
PEBBLE CGL

- AT 278.895 km, @ CONTACT WITH BRN-GRN WEATHERED BASAUT. SMOOTH WEATHERED, DK-GY-BRN, FINE GRd. NON-PORPHYRITIC
- BSUT CONTINUES FOR ~15m.

- AT 279.354 km, AM AT MY AGG COM. CL

MM-75-25

Chevron

TRAV.# 11

DATE MAY 25/89 AREA SIMILK. PROJ.# 579

PAGE 1 OF 2

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	579		MM	S	25				92H08	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32 33	34 35 36 37 38 39	40

Expo	Weath	Chem	Stain	Weathered Colour	Text 1	Text 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID#1	ID#2	ID#3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46 47 48	49	50	51	52 53	54 55 56	57 58	59 60 61	62 63	64 65	66 67	68 69	70 71	72 73	74 75	76	77 78	79	80	

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
83	87	579		MM	S	26				92H08	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32 33	34 35 36 37 38 39	40

Expo	Weath	Chem	Stain	Weathered Colour	Text 1	Text 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID#1	ID#2	ID#3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46 47 48	49	50	51	52 53	54 55 56	57 58	59 60 61	62 63	64 65	66 67	68 69	70 71	72 73	74 75	76	77 78	79	80	

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	579		MMS	27				92H08	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Expo		Weath	Chem	Stain	Weathered		Colour	Text 1	Text 2	Fract	Vein		Fresh Colour			Fm	Geology			Modifier		Mineral 1		Mineral 2		Mineral 3		Mineral 4			ID # 1	ID # 2	ID # 3		Alt 1	Alt 2	Alt 3	Alt 4	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	579		MMS	28				92H08	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Expo		Weath	Chem	Stain	Weathered		Colour	Text 1	Text 2	Fract	Vein		Fresh Colour			Fm	Geology			Modifier		Mineral 1		Mineral 2		Mineral 3		Mineral 4			ID # 1	ID # 2	ID # 3		Alt 1	Alt 2	Alt 3	Alt 4	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

Chevron 30 TRAV.# A3 11
DATE MAY 25/87 PROJ.# 579 PAGE 2 OF 2
AREA 5

Chevron

TRAV.# 14

DATE MAY 28/87 PROJ.# 579 PAGE 1 OF 3

AREA SIMILKAMEEN

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	579		MMS		28				92H08	
1 2	3 4	5 6 7 8		9 10	11	12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32 33	34 35 36 37 38	39 40

Expo	Weath	Chem	Stain	Weathered Colour	Test 1	Test 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID# 1	ID# 2	ID# 3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46 47 48	49	50	51	52 53	54 55 56	57	58 59 60 61	62 63	64 65	66 67	68 69	70 71	72 73	74	75	76	77 78	79	80

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	579		MMS		29				92H08	
1 2	3 4	5 6 7 8		9 10	11	12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32 33	34 35 36 37 38	39 40

Expo	Weath	Chem	Stain	Weathered Colour	Test 1	Test 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID# 1	ID# 2	ID# 3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46 47 48	49	50	51	52 53	54 55 56	57	58 59 60 61	62 63	64 65	66 67	68 69	70 71	72 73	74	75	76	77 78	79	80

COMMENTS:

Airphoto No.

Chevron

TRAV.# 14

DATE MAY 28/07

PROJ.# 579

AREA S

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	07	579		MMS		30				92H08	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32	33 34 35 36	37 38 39 40

Expo		Weath	Chem	Stain	Weathered Colour	Test 1	Test 2	Fract	Vein		Fresh Colour			Fm	Geology			Modifier		Mineral 1		Mineral 2		Mineral 3		Mineral 4		ID # 1		ID # 2	ID # 3		Alt 1		Alt 2		Alt 3		Alt 4	
41	42	43	44	45	46 47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	07	579		MMS		31				92H08	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32	33 34 35 36	37 38 39 40

Expo		Weath	Chem	Stain	Weathered Colour	Test 1	Test 2	Fract	Vein		Fresh Colour			Fm	Geology			Modifier		Mineral 1		Mineral 2		Mineral 3		Mineral 4		ID # 1		ID # 2	ID # 3		Alt 1		Alt 2		Alt 3		Alt 4	
41	42	43	44	45	46 47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE		YEAR		PROJECT NO.			DUPL	SAMPLER		CODE	SAMPLE NO.						EAST						NORTH						Chip	NTS MAP SHEET						Topo
8	1	8	7	5	7	9		M	M	S			3	2															9	2	H	0	8		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

Expo		Weath	Chem	Stain	Weathered Colour	Text 1	Text 2	Fract	Vein		Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4		ID # 1	ID # 2	ID # 3		Alt 1	Alt 2	Alt 3	Alt 4
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE		YEAR		PROJECT NO.			DUPL	SAMPLER		CODE	SAMPLE NO.						EAST						NORTH						Chip	NTS MAP SHEET						Topo
8	0																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

Expo		Weath	Chem	Stain	Weathered Colour	Text 1	Text 2	Fract	Vein		Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4		ID # 1	ID # 2	ID # 3		Alt 1	Alt 2	Alt 3	Alt 4
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

Chevron

TRAV.# 14

DATE MAY 28/07

PROJ.# 579

AREA S

Chevron

TRAV.# 15

DATE MAY 29/87

PROJ.# MS79

AREA SIMILKAMEEN

PAGE 1 OF 2

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	579		MMS		33				92H 08	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30 31	32	33 34 35 36	37 38 39 40

Expo	Weath	Chem	Stain	Weathered	Colour	Test 1	Test 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID# 1	ID# 2	ID# 3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46	47	48	49	50	51	52 53 54 55 56	57	58 59 60 61	62 63	64 65	66 67	68 69	70 71	72	73 74	75 76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	579		MMS		34				92H 08	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30 31	32	33 34 35 36	37 38 39 40

Expo	Weath	Chem	Stain	Weathered	Colour	Test 1	Test 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID# 1	ID# 2	ID# 3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46	47	48	49	50	51	52 53 54 55 56	57	58 59 60 61	62 63	64 65	66 67	68 69	70 71	72	73 74	75 76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	579		MMS		35				92H 08	

Expo	Weath	Chem	Stain	Weathered	Colour	Test 1	Test 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID # 1	ID # 2	ID # 3	Alt 1	Alt 2	Alt 3	Alt 4
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
80											

Expo	Weath	Chem	Stain	Weathered	Colour	Test 1	Test 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID # 1	ID # 2	ID # 3	Alt 1	Alt 2	Alt 3	Alt 4
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

Chevron

TRAV.# 15

DATE MAY 29 '87

PROJ.# MS79

AREA

PAGE 2 OF 2

Chevron

TRAV.# 19

DATE June 5/87

PROJ.# 580

AREA CHURN

PAGE 1 OF 3

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	580		MMC		36				92008	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16	17 18 19 20 21 22 23 24	25 26 27 28 29 30 31	32	33 34 35 36 37 38	39 40

Expo	Weath	Chem	Stain	Weathered Colour	Text 1	Text 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID# 1	ID# 2	ID# 3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46 47 48	49	50	51	52 53	54 55 56	57	58 59 60 61	62 63 64	65	66 67	68 69	70 71	72	73 74	75 76	77 78	79	80	

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	580		MMC		37				92008	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16	17 18 19 20 21 22 23 24	25 26 27 28 29 30 31	32	33 34 35 36 37 38	39 40

Expo	Weath	Chem	Stain	Weathered Colour	Text 1	Text 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID# 1	ID# 2	ID# 3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46 47 48	49	50	51	52 53	54 55 56	57	58 59 60 61	62 63 64	65	66 67	68 69	70 71	72	73 74	75 76	77 78	79	80	

COMMENTS:

Airphoto No.

Chevron

TRAV.# AQ 19

DATE JUNE 3

PROJ.# 580

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PAGE 2 OF 3

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	580		MMC	38				92008	
1 2	3 4	5 6 7	8	9 10	11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32 33	34 35 36 37 38	39 40

Expo	Weath	Chem	Stain	Weathered	Colour	Text 1	Text 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID # 1	ID # 2	ID # 3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46	47	48	49	50	51	52 53 54 55 56	57	58 59 60 61	62 63	64	65	66	67	68	69	70 71	72	73	74	75 76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
81	87	580		MMC	39				92008	
1 2	3 4	5 6 7	8	9 10	11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32 33	34 35 36 37 38	39 40

Expo	Weath	Chem	Stain	Weathered	Colour	Text 1	Text 2	Fract	Vein	Fresh Colour	Fm	Geology	Modifier	Mineral 1	Mineral 2	Mineral 3	Mineral 4	ID # 1	ID # 2	ID # 3	Alt 1	Alt 2	Alt 3	Alt 4
41 42	43	44	45	46	47	48	49	50	51	52 53 54 55 56	57	58 59 60 61	62 63	64	65	66	67	68	69	70 71	72	73	74	75 76	77	78	79	80

COMMENTS:

Airphoto No.

DATE PROJECT NO. CONTRACTOR ZONE EVENT NO. NORTH NTS MAP SHEET

Chevron

TRAV.# 19

DATE JUNE 5

PROJ.# 500

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PAGE 3 OF 3

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
8	87	500		MMC		40				92008	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32	33 34 35 36 37 38	39 40

Expo		Weath	Chem	Stain	Weathered	Colour	Text 1	Text 2	Fract	Vein		Fresh Colour		Fm	Geology		Modifier		Mineral 1	Mineral 2	Mineral 3	Mineral 4		ID# 1	ID# 2	ID# 3		Alt 1	Alt 2	Alt 3	Alt 4
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.

SAMPLE	YEAR	PROJECT NO.	DUPL	SAMPLER	CODE	SAMPLE NO.	EAST	NORTH	Chip	NTS MAP SHEET	Topo
8	87	580		MMC		41				92008	
1 2	3 4	5 6 7	8	9 10	11	12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32	33 34 35 36 37 38	39 40

Expo		Weath	Chem	Stain	Weathered	Colour	Text 1	Text 2	Fract	Vein		Fresh Colour		Fm	Geology		Modifier		Mineral 1	Mineral 2	Mineral 3	Mineral 4		ID# 1	ID# 2	ID# 3		Alt 1	Alt 2	Alt 3	Alt 4
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

COMMENTS:

Airphoto No.