

842357

GOES HERE
CLAIMS

(M485)

Aug. 80

KEN HICKS.

PAM LAKE

MONDAY AUGUST 25, 1980

PAM LAKE SOIL GRID

E-W LINE FROM ROAD TO FIRST TPOD ALLEN ABOVE PAM LAKE

STATION	COLOR	TEXTURE	DEPTH	REMARKS
10S	10W	GRAY CLAY	5"	15' OFF ROAD
9W	BROWN	SILT SAND	8"	
8W		GRAVEL		
8W	BROWN	CLAY	6"	BASE OF HILL
7W		SAND GRAVEL		
7W	RUSTY	CLAY SILT	7"	MODERATE SLOPE
6W	RUSTY BROWN	SANDS SILT	5"	STEEP SLOPE
5W	LIGHT GRAY	SAND "WEATHERED ROCK"	4"	MOD - STEEP SLOPE

PULVERIZED

TOPOGRAPHIC HIGH AT
10S 4+87W

ROCK SAMPLE P.L. - KO-4
AT CLIFF FACE WITH LARGE EMPTY
CAVITIES

LOCATION 10S 5+70W

* EXTRA SAMPLE AT 10S 8+75W
BECAUSE OF EXTREMELY RUSTY SOIL

LOCAL

VERY
RUST

7"

SAND

SILT

GRAVEL

	40 m @	240
+	50 m @	230
+	86 m @	233°
	46 m @	229
	103 m @	210
	64 m @	204
	130 m @	196°
	48 m @	204
	135 m @	175
	55 @	209°

TO EDGE OF LAKE
(CLEANING (CAMP))

poss gy v. hard
wh-gy

sil L.S.
of siliceous
(F)

~~1122~~
B-A
fizz

CHAINAGE	BEARING	COMMENTS
84 M	176°	AT CL SUNSTON, HEAVILY PY. SOFT LIMESTONE, ? X FURTHER UP CL BECOMING HIGHLY SILICEOUS, MUSTY PYRITIC EYES? AND FRACTURING
84 M	167°	~ 150 M PYRITIZED F6. BLUE-GREEN BASALT-RND
55 M	216°	ROCK SAMPLE PL-KO-1 ?
0-68	135°	SAME TYPE ROCK AS OF PL-KO-1
68-113	90°	
113-162	138°	TUFFACEOUS ?
		PL-KS-4 + 82 M IS PL-KO-2 PYRITIC/CLASTIC? IN (LIMESTONE) FL. HEAVY PY. <small>SOFT</small> (ALTERED AND-BASALT)

whitish grey
frags dark to white

SILTING PROGRAM AUGUST 26, 1980

1. D CLAIM TAG ALONG RIVER
"GOGS ? @ jct. 10m. of
49937

3 N 1 W

APRIL 6, 1979

	COLOR	DEPTH	REMARKS
JUNCTION	LIGHT	24"	BANK
PL-KS-1	BROWN		
PL-KS-2	LIGHT	74	A
100 M HD	BROWN		
-CK			
200	"	"	"
PL-KS-3			
ROCK SAMPLE			
PL-KO-1			
PL-KS-4	SAND		BANK
PL-KS-5	SAND		BANK
PL-KS-6	SAND		BANK
PL-KS-7	SAND		
PL-KS-8	SILT		

		REMARKS	
162	- 266	196°	FROM 230-260 BACK TO RUSKY SILICEOUS PYLITIZED ROCK
260	- 275	(280) 100	272M LT ^{BASALT AND} LT (SAND)
275	- 300	(317) 137°	TENDING N-S DIPPING STEADILY TO WEST
300	- 347	142 (322)	LAPILLI TUFFACEOUS SANDS WITH MINOR PYRITE (LIMESTONE) FRAGS
347	368	225	?
368	- 410	192°	430M LMST BEDS.
	= 420	LARGE FRAG SUFF	342° CALCIF. FILLS FRAG. WITH PYRITE
410	- 470	320° (140°)	IN CREEK BED V. HEAVILY RUSTED etc SILICEOUS AND HEAVY PYRITE
470	- 500	280°	H.S. WEST TUFFACEOUS etc LARGE > 3CM FRAGS

PL-KS-9	SAND
PL-KS-10	SILT
PL-KS-11	SILT
PL-KS-12	SAND
PL-KS-13	SAND + ORGANICS
PL-KS-14	SAND
PL-KS-15	FINE SAND
PL-KS-16	SILT
PL-KS-17	SAND (FINE)
PL-KS-18	SAND (FINE)
PL-KS-19	SAND + ORGANICS

500	550	212°	SUCCESSFUL WITH RUSKY FRAGS.
550	580	222°	
580	605	180	
605	634	164°	634 M BANK OF V. LARGE (UP TO 20 CM) FRAG. IN TUFF, SPARKLED SAMPLE
634	675	096°	
675	695	160°	695 SAME LARGE TUFF AS ABOVE
695	732	235°	
732	772	546	772 M WATERFALL CITY
772	817	300	
817	836	262°	
836	890	202°	

890	946	184	
946	1030	168°	MODO M SILICEOUS WHITE GLAY, SPECKULAR SPOTS OF PYRITE TUFFS (LAPILLI)
1030	1068	180°	
1068	1110	220°	SILICEOUS ↓
1110	1193	274	SILICEOUS; WHITE GLAY SPOTS OF Fe ₂ S
1193	1320	225°	INTERMIXED TUFF (MAINLY) AND RHYOLITIC MATERIAL AS ABOVE SILICEOUS TUFFS
1320	1342	200°	FLAG LN. " "
1342	1516	260°	
1516	1537	285°	
1537	1602	238°	TUFFS

PAM LAKE

6

SOIL SAMPLING

AUGUST 27, 1980

DECLINATION = 26° E

LINE 17 S - RUNNING THROUGH CAMP
IN EAST - WEST DIRECTION

TWO COLORS - YELLOW FOR LINES
ORANGE FOR STATIONS

THIS LINE IS DESIGNED TO HIT
TOPOGRAPHIC HIGH WEST OF ROAD.

PAM LAKE

AUGUST 27, 1980

STATION	COLOR	TEXTURE	DEPTH	REMARKS
17S 14W	BROWN	SILT F-SAND	6"	ALMOST BOBBY
15W	LIGHT BROWN	SILT	8"	
16W	RUSTY BROWN	CLAY SILT GRAVEL	6"	
17W	GRAY	F-SAND SILT	5"	
CK INTERSECTION AT 17S 17+40W = PL-KS 5+50 5+20				
18W	LIGHT BROWN	SILT SAND	9"	CREEK BANK
19W	BROWN	SILT SAND	10"	
20W	BROWN	SILT	12" +	TREE STAMP
21W	BROWN GRAY	SILT F-SAND	12" +	" "

AT CK INTERSECTION:

SMALL CK RUNS INTO MAIN CK
± 20 M N OF LINE ITS INTER-
SECTION WITH MAIN

112-35 = 77M AT

174 77W A 20 M JOB NORTH
WAS MADE TO AVOID CK BEND

PAM LAKE

17S 22W	GRAY	WEATHERED DEBRIS ON %C	—	
23W		PULVERIZED ROCK AS ABOVE	—	ABOUT 20 M UP FROM BASE OF MOD HILL
24W		SAME + DIRT	—	TOP OF HILL, IT SEEMS.

25W BLACK ORG. 9" BOGGY

FROM 17S 25W IT IS
170 M (CONNECTED) NORTH
TO MAIN CK

HIT MAIN CK JUST BELOW
WATER FALL; 46 M UP
STREAM OF P.L. - DS-8

DS-7+25

BASALT - SAMPLE PL-KO-3
SANDWICHED BETWEEN TWO
TRIFFACIOUS ZONES

BASALT CONFINED TO BED
TRENDING N-S DIPPING STEADILY
TO WEST

DS-4750 → 6400

VERY LARGE FRAGMENTS IN
AGGREGATIONS (UP TO 1 M ACROSS)

17S	13W	BROWN	SILT SAND	4"	ROADSIDE
			GRAVEL		

12W	RUSTY BROWN	SILT F. SAND	12"+	STUMP
-----	----------------	-----------------	------	-------

11W	NO	SAMPLE		B06 (NICE LOOKING)
-----	----	--------	--	--------------------

10W

PAM LAKE IS \leftarrow 100 M AWAY

GEOLOGY FROM MAIN-SUB CK
N-SECTION UP MAIN RIVER

10 M RUSTY SILICEOUS, ALMOST
RYHOLITIC TEXTURED OF IN CK BED
- 30M-50 M - TUFF-AGGLOMERATE WITH
RELATIVE SOFT F.G. BLUE-GREEN
(BASALTIC)? FRAGMENTS
VESICULAR, POROUS, ^{WHITE} WEATHERING
FRAGMENTS VARYING SIZES
SUB-ROUNDED

50-75 M - LIGHT-BROWN F.G.
MID-HARD ^{ALTERED} BASALT-ANDSIT
IN RESISTANT STRUCTURE
TENDING 017° DIPPING
STEADILY TO THE WEST
SOME QUARTZ

75-100 M - QUARTZ PHENOCRYSTS
IN SILICEOUS ALTERED BASALT
ALONG EASTERN EDGE OF RIVER

100M+ ALONG MAIN CK BED
TUFFACEOUS SEDS, VARYING
FRAG SIZES FROM < 1 CM TO
ONE LARGE ^{WHITE, CRISTAL} RHYOLITIC ^{WEATHERING} BOULDER

1.8 M X 3.0 M WITH DISTINCTIVE FLOW
 BANDING CHARACTERISTICS AND HIGHLY
 STRIATED NATURE. QUARTZ EYES
~~USUALLY~~ ^{PARTIALLY} REPLACED BY CHLORITE AND
 PYRITE SAMPLE P.L.KO-5
 TUFFACEOUS MATERIAL COVERS MAJORITY
 OF QUARTZ BED, BANK COVERED

200 F.6 LIGHT GREEN RELATIVELY
 HARD SECTION IN BETWEEN
 TUFFACEOUS SECTION

250 M BASALTIC DIKE, DARK V FINE
 GRAIN, WEATHERED SURFACE
 IS MINORLY VESICULAR
 QUARTZ "PHENOCRYSTS", ^{OF} SOME
 TOTALLY REPLACED BY PYRITE
 STRIKE 335 DIPPING WEST
 STEEPLY
 WEATHERED SURFACE MED-GREEN
 COLOR

280 M BASALT LIGHT GREEN, V. SOFT

↓ (SEE PICTURE 1) INDIVIDUAL

320 M PYRITE CRYSTALS

WEATHERED SURFACES MINORLY
VESICULAR

CALCIC FRAGMENTS WITH GRANULAR
PYRITE

320 M - BUFFALOUS UNIT

DS4+60 M - LARGE FRAG AGGLOMERATE

IN SMOOTH WEATHERING

RELATIVELY SOFT ROCK

ALSO BETWEEN LARGE FRAG

FILLING IN IS SMALLER FRAG

(PICTURES 2 & 3)

ROUNDED TO SUBROUNDED FRAGS.

Pictures

4+80 M - RHYOLITIC FRAGMENTS IN

AGGLOMERATE (40 CM)

5+15 M - V. LARGE RHYOLITE FRAG-

MENT SURROUNDED BY ABS-

TUFF. SIZE 3M X 3M.

POSSIBLE FLOW BANDING.

LIGHT GRAY ON WEATHERED SURFACE

MINORLY VESICULAR. FRESH SURFACE

SLIGHTLY DARKER; CALCITE AND ^{MINOR} PYRITE
ON FRACTURE SURFACE

SHAPE: SUB-ROUNDED - SUBANGULAR

PICTURES 4 & 5)

- 5+50 m - NARROW CORSE OF
RESISTANT ROCK (MASSIVE
Rhyolite)
(PICTURES 6 & 7)

WEST SIDE OF GORGE, RUSTY
ROCK ALONG FAULT ZONE

ON THIS SIDE OF THE GORGE,
IT SEEMS AS THOUGH THE RESIS-

TANT MATERIAL IS A RHYOLITE
(ASSEMBLAGE) 4-5 INCHES MAX
TURF WITH FRAGMENTS ALMOST
COMPLETELY RHYOLITE - SUBANGULAR

WORTH CHECKING OUT BOTH ENDS
OF THIS RHYOLITE

THIS MASS SEEMS TO BE
ORIENTED $\approx 330^\circ$. SEE IF
THIS CORRELATES WITH THE TPO-
WICH NORTH OF THE MAMIN
RIVER ON ANUPOTO

(PICTURES 8, 9)

RUSTY MATERIAL CONTAINS ABUNDANT
GRANULAR (CRYSTALLINE) PYLITE ALONG
FRACTURES. SAMPLE P.L-KO-6

where erled?

SOIL AND SILT SAMPLES

SOIL

10 S

10W → 5W

+ (8 + 75W)

(7)

17 S

10W → 25W

EXC. 11W

(15)

22 S

10W → 27W

(18)

TOTAL SOIL SAMPLES = 40

SILTS

~~SILTS~~

P.L - DS - 0 → 12

(13)

P.L - KS - 1 → 19

(19)

TOTAL SILT SAMPLES 32

ROCKS

P.L - DO - 1 →

P.L - KO - 1 → 6

(6)

VANGEOCHEM

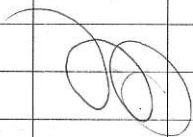
152' DEMBENSON AVE

NOVA IN VANCOUVER, B.C.

P.L. DO - 1, 2, 6, 5, 7

9

1, 2, 5, 6, 7, 9



~~INDR IS LOCATED
500 m SOUTH OF
2000 E
THE POST IS
15 m NORTH FROM WEST
25 m EAST OF ROAD~~

GOES - HERE

CLAIMS

(M485)

D. ABERCROMBIE

Aug. 80

SILT PROGRAM
NORTH CREEK

AUG 26/90

THE SAMPLING STARTS AT
THE JUNCTION OF THE
TWO CRKS

PL-DO-1 - LOCATED AT
0400 JUNCTION OF CRK.

SOFT FINE GRAINED
LIMESTONE? CALCITE
FRACTURES

HEAVILY PYRITIZED
TAKEN FROM OUTCROP

PL-DS-0 BR SANDY
SILT TAKEN FROM
BANK

PL-DO-2 LT GRAY, VERY HARD,
0414 FINE GRAINED,
RICH SILTACEOUS
SMALL FLAKES OF PYRITE
CAME FROM RUSTY
OUTCROP, RUSTY WEATHERING

ANGLE DISTANCE

300°

0+80 M

80 M

SILT PROGRAM

AUG 26/80.

0+61 THE FLOAT IS SMALL
AND WELL ROUNDED FROM 0+00 TO 0+80

0+80 FROM 0+40 TO 0+90
THERE ARE LARGE
ANGULAR BOULDERS
THE ROCK IS DARK
BLUE, MED-FINE GRAINED
WITH SMALL PARTICLES
OF CALCITE - BASALT.

0+92 THE OUTCROP IS
THE SAME AS PREVIOUS

PL-DS-1 LT BR SANDY TAKEN
SILT FROM BANK.

1+27 THE RIVER IS FLAT
AND WIDE WITH VERY
LITTLE FLOAT

1+87 WELL ROUNDED SMALL
FLOAT ALONG EDGES

ANGLE

DISTANCE

DIAGRAM

0

224°

1+27

57 M

~~WATER FALL~~

1

2

3

4

~~WATER FALL~~

190°

1+87

60 M

~~WATER FALL~~

5

PL-DG-3

1432

A LT. GRAY,
 MED HARD, MED GRAINED
 ROCK. SMALL PARTICLES
 OF CHLORITE, QUARTZ PARTICLES
 SILTIFEROUS.
 SMALL PARTICLES OF PYRITE
 FINE GRAINED TUFF

PL-DS-2

14 BR
GRAYSILT TAKEN
FROM BANK

PL-DG-4

2+12

TAKEN FROM
OUTCROP IN CRK

MED HARD, GRAY-GREEN, FINE
 GRAINED SILTIFEROUS ROCK
 FRACTURES OF CALCITE
 SPOTS OF CHLORITE ARE PRESENT
 SMALL GLOBES OF PYRITE
 ALT. BASALT-AND. ?

ANGLE DISTANCE

5

225°

2+32

45 M

SERIES OF ~~ST~~ DEEP
WATER TALLS ~~POOL~~

6

7

8

9

262°

2+60

28 M

CRK →

10

2432 MAJORITY OF FLOAT
IS SMALL 6" x 6"
AND WELL ROUNDED

PL-D0-5

2432 ANGULAR FLOAT
VERY JAGGED
GRAY-GREEN, FINE
GRAINED AND HARD
SMALL SPOTS AND VEINS OF CALCITE
ALL SIDES HAVE FLAKES OF
PYRITE. SILTIEOUS.
ALT BASALT?

2460 THE FLOAT IS BIGGER
AND ANGULAR

2470 THERE IS SOME
SMALL ROUNDED FLOAT
THAT IS RUSTY, BUT
INSIDE HAVE A HARD
LT BLUE, FINE GRAINED
SURFACE WITH QUARTZ AND
PYRITE.

ANGLE	DISTANCE		
242°	3+10		
	50M		

2+75 OUTCROP ON SIDE
OF CRK BLUE,
HARD, FINE GRAINED
WITH FLAKES OF PYRITE
BASALT

PL-DS-3 BR SILT TAKEN
FROM BANK

3+10 VERY LITTLE FLOAT

3+10 OUTCROP WHICH IS SIMILAR
TO SAMPLE PL-DS-3
GREEN-GRAY, HARD
FINE GRAINED WITH
PARTICLES OF CALCITE AND
CLORITE, FLAKES OF PYRITE
TUFF?

3+75 LONG STRETCH OF
SMALL WELL ROUNDED
FLOAT

PL-DS-6 MORE RUSTY WEATHERING
3+75 — DARK GRAY,

HARD, FINE GRAINED, SURFACE

(CONT)

ANGLE

DISTANCE

302°

3175

65M

WITH FLAKES OF PYRITE
IN FRACTURES
SILICEOUS

PL-DS-4 LTBT SILT FROM
BANK

4+11 WELL ROUNDED
FLOAT ON BANK
MANY RUSTY ROCKS
TOGETHER WITH ROCKS
WITHOUT THE RUSTY WEATHERING
WITH SIMILAR CHARACTERISTICS

4+50 LOTS OF SMALL
RUSTY WELL ROUNDED
BOULDERS, PYRITIZED

PL-DS-7

4+79 LARGE ANGULAR
BOULDER NEAR SIDE OF CRY
GREEN-GRAY, HARD, FINE
GRAINED, WITH PARTICLES
AND LARGE VEINS OF CALCITE
SMALL PARTICLES, FRACTURES OF CALCITE
PYRITE IN AND AROUND FRACTURES
TUFE

ANGLE

DISTANCE

292°

4 + 11

36M

242°

5 + 65

155M

R. D. PENHALL LTD. MADE IN B.C.
DUKSBAK WATERPROOF

4+99 RUSTY OUTCROP BESIDE
CRK.

GREEN, MED HARD,
WITH LARGE PHENOCRYSTS
OF CHLORITE AND
QUARTZ OR CALCITE
NO SIGN OF PYRITE
TUFT?

PL-DS-5. LT BR SILT FROM
BANK

5+12 VERY LITTLE FLOAT

PL-DO-8 OUTCROP BESIDE RIVER

5+17 HARD, VERY FINE
GRAINED, GRAY BLUE
SMALL VEINS OF QUARTZ
VERY SMALL FLAKES OF
PYRITE
SILTEOUS

BASALT?

ANGLE DISTANCE

268°

5x95
30 M

R. D. PENHALL LTD. MADE IN B.C.
DUKSBK WATERPROOF

5+54

SIMILAR TO LAST
SAMPLE EXCEPT
A CREAMY COLOUR

5+90

VERY LITTLE ROAD
ONLY THE OUTCROP
IN CURV

PL-DS-6

BR SILT FROM
BANK
ON OUTCROP

PL-DS-9

6700

RUSTY BROKEN
ROCK FROM OUTCROP
WHITE-GRAY, MED HARD.
VERY FINE GRAIN
JAGGED TEXTURE
AREAS OF FINE
PYRITE
VOLCANIC TUFF

6700

ANGLE

DISTANCE

246°

7+13

118M

SILT PROGRAM AUG 26/80

6+78 OUTCROP IN CRK.
A DYKE OF A LIGHT
BLUE, HARD, FINE
GRAINED, ROCK WITH
BLOBS OF PYRITE
SURROUNDED BY
A MED. HARD, WHITE -
GREEN, COURSE GRAINED
ROCK WITH PHENOCRYSTS
OF QUARTZ AND
CLIORITE-TUFF

6 FROM 5+50 TO 6+78
THERE IS VERY
LITTLE FLOAT.

6+78 VERY SMALL WELL
ROUNDED FLOAT
THE RUSTY ROCK
IS STILL EVIDENT

PL-DS-7 BR SAND FROM
SILT BANK

7412 RUSTY OUTCROP
 BESIDE CRK
 GRAY, HARD FINE
 GRAINED.
 AREAS OF WHICH
 CONCENTRATION OF PYRITE
 THE COLOUR VARIES
 FROM A GRAY TO A
 LIGHT BLUE
 AT BASALT?

7455 VERY LITTLE FRAT
 VARIOUS SIZES OF
 WELL ROUNDED RUSTY
 BOULDERS.

7483 OUTCROP BESIDE CRK
 LIGHT GREEN, HARD
 FINE GRAINED
 SMALL FRACTURES
 THROUGHOUT
 SILICEOUS
 RYOLITE?

ANGLE

DISTANCE

238°

7+83

70 M

262°

7+99

16 M

SILT PROGRAM

AUG 26/80

PL-DS-8 BR SILT FROM BANK
ORANGE

8+54 RUSTY OUTCROP BESIDE CRK
WHITE-GRAY HARD,
FINE GRAINED ROCK
THERE ARE SMALL
QUARTZ OR CALCITE
AMEGUALS OF VARIOUS
SIZES

8+60 RUSTY WELL ROUNDED
AND ANGULAR FLOAT OF VARIOUS
SIZES ALONG CRK

PL-DS-10

8+82 RUSTY OUTCROP IN CRK
LIGHT BLUE HARD
FINE GRAINED

TINY WHITE PARTICLES
OR FRACTURES OF QUARTZ
SMALL FLAKES OF PYRITE
SMALL SPOTS OF CHLORITE
HIGHLY SILTIEOUS

ANGLE

DISTANCE

286°

8154

55 M

244°

6176

22 M

288°

9144

68 M

SILT PROGRAM

AUG 26/80

PL-DS-9 LT BR SILT FROM BANK

9+15 FLOAT CONTINUES

ON FROM 8+60

MAJORITY OF THE

FLOAT IS THE

RUSTY VARIETY

SEVERAL OF THESE

ROCKS HAVE SIMILAR

CHARACTERISTICS

LIGHT BLUE, MED.

HARD, FINE GRAINED

SMALL SPOTS OF OILORITE

TINY VEINS OR AMEGUALS

OF CALCITE.

PL-DS-10 BR SILT FROM SAND BANK

10+20 ON BOTH SIDES OF THE CRK AS WELL AS IN THE CRK IS FLOAT.

ANGLE

DISTANCE

330°

9473

29M

267°

10 + 20

47M

SILT PROGRAM

AUG 26/80

THE ROCK IS MAINLY
WELL ROUNDED WITH
SOME EXCEPTIONS
THERE ARE MANY
RUSTY ROCKS OF
VARIOUS SIZES

1) PL-DS-11 BR SILT FROM
BANK

11+46 SOME OF THE
BOULDERS IN FOOT
ARE BLUE, HARD
FINE GRAINED WITH
TINY ANEGUALS OF
CALCITE OR QUARTZ
THEY ARE WELL
ROUNDED.

PL-DS-12 BR SILT FROM
BANK

ANGLE

DISTANCE

234°

10+67

47 M

224°

11+45

78 M

250°

12+00

55 M

PAM LAKE LINE 22+00S AVG 27/80
 SOILS HEADING WEST

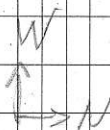
END OF ROAD IS 798 M
 SOUTH OF CAMP: OR 23+985

LINE STARTS 22+00S 13+00W

STA	COL	TEX	DEPTH	DESCRIPTION
13+00W	BR GRAY	CLAY	3"	SIDE OF ROAD
14+00W	ORANGE GRAY	CLAY	6"	FLAT
15+00W	LT BR GRAY	CLAY	11"	FLAT SEMI-SWAMPY LAND
16+00W	GRAY	CLAY GRAVEL	12"	
17+00W	LT BR	CLAY GRAVEL	7"	CRK AT 16+37 ONLY FLOAT VISIBLE
18+00W	LT BR GRAY	CLAY GRAVEL	6"	GRADUAL SLOPE UP
19+00W	BR GRAY	CLAY	8"	GRADUAL SLOPE UP

DIAGRAM

19+00



VERY
SMALL CRK.
SWAMPY

A symbol consisting of three horizontal lines with arrows pointing to the right, representing a very small creek or swampy area.

18+00

17+00

16+37 CRK.

A symbol consisting of a horizontal line with an arrow pointing to the right, representing a creek.

16+00

15+00

FLAT
SWAMPY

14+00

ROAD

A symbol consisting of two parallel horizontal lines, representing a road.

13+00 W

PANLAKE
SOILS

LINE 22+00S
HEADING WEST

AUG 27/80

STA	COL	TEX	DEPTH	DESCRIPTION
20+00W	GRAY	CLAY GRAVEL	3"	ON OUTCROP MED SLOPE DOWN
21+00W	LT BR	SILT GRAVEL	6"	GRADUAL SLOPE DOWN
22+00W	GRAY	CLAY	5"	10M WEST OF CRK
23+00W	DARK GRAY	CLAY	18"	FLAT AREA
24+00W	GRAY	CLAY	14"	FLAT AREA
25+00W	BR GRAY	CLAY GRAVEL ORGANIC	12"	FLAT AREA
26+00W	BR GRAY	CLAY	10'	FLAT OPEN AREA
27+00W	BR GRAY	CLAY	12"	FLAT OPEN AREA STUNTED TREES

ONLY VISIBLE OUTCROP WAS
IN LARGE CRK

DIAGRAM

FLAT OPEN
AREA

25+00 W

GULLY

24+08

FLAT

23+05

AT 21+76 5M

AT 23+070

P.L. - KS - 16

21+95

22+00

21+63

21+00

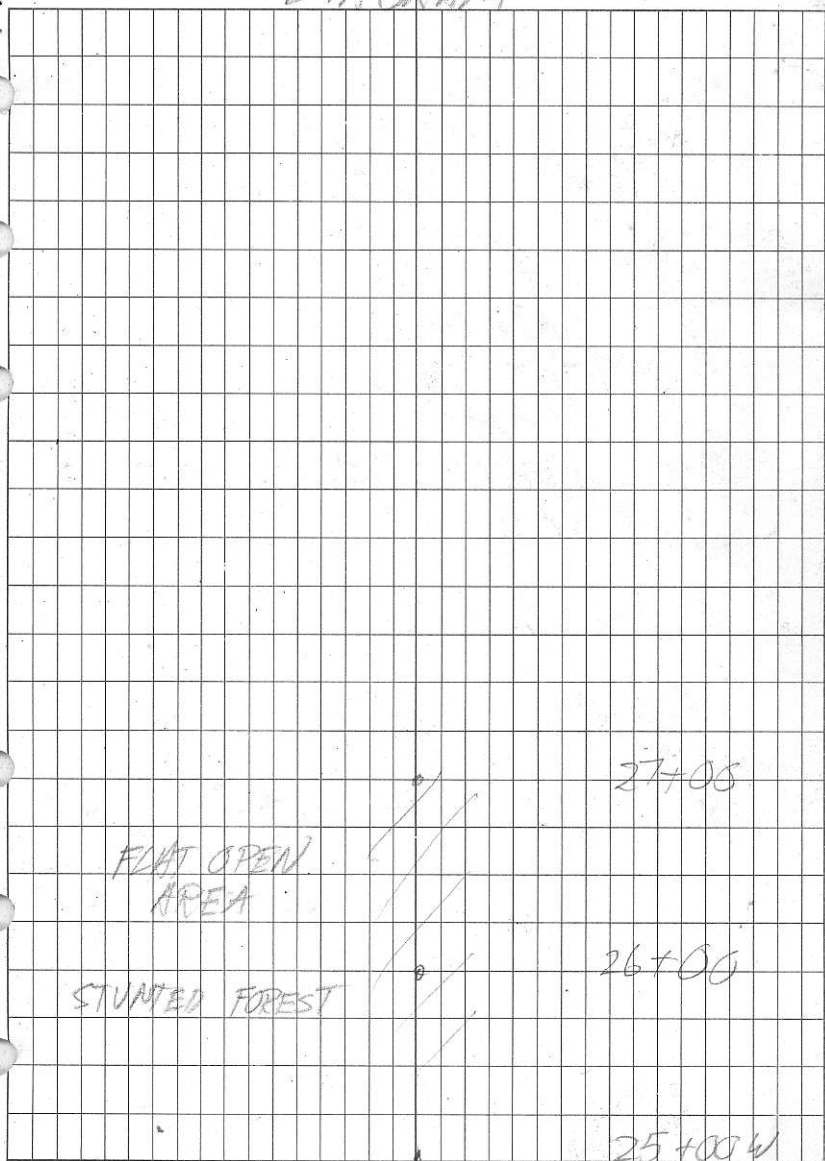
20+00

SMALL CREEK

19+69

19+00 W

DIAGRAM



DIAGRAM

E
↑

10400

GRADUAL
SLOPE

SWAMP



11700

FLAT

12100

13000

MAIN RIVER

AUG 28/80

PL-D5

0+40

AGGLOMERATE
LIGHT GREEN, SUB
ROUND

PIECES OF BASALT
AND PUMICE IN VARIOUS
SIZES

0+75

LARGE OUTCROP ON FAR
LEFT SIDE OF RIVER,
HARD, MED FINE GRAINED,
LIGHT GREEN-GRAY, GLASSY
SILTEOUS.
- ALT BASALT

1+05

OUTCROP ON LEFT
SIDE OF RIVER
GRAY BLUE, HARD, FINE GRAINED
QUARTZ PHENOCRYSTS IN
SILTEOUS VERY FINE GRAINED TUFF
PYRITE FLAKES

5M OUT PERPENDICULAR TO
CRK IS A LARGE OUTCROP
OF TUFF WHICH COVERS
RIVER BOTTOM, APPROX
20 M ACROSS

HARD, COARSE GRAINED
GREEN, GRAY WITH
PHENOCRYSTS (.5 CM) OF QUARTZ

DS 2+00 SMALL DYKE RUNNING
APPROX PERPENDICULAR INTO
RIVER BED OF TUFF

BLUE, HARD, FINE GRAINED
BASALT

4+60 LARGE OUTCROP
OF AGGLOMERATE-TUFF
LARGE PIECES OF
ALT BASALT?

GREEN BLUE, HARD,
FINE GRAINED, SILICEOUS
SMALL SPOTS OF
CHLORITE



- Bm
- Am
- Dm
- Seds
- E. felsiu

1:10,000
 1m = 10 Km
 1/10 m = 1 Km