

801634

WATERPROOF
CRUISERS' FIELD BOOK

FILLER
FORM No. 341

SOIL SAMPLING

JULY 1965

SKEENA SILVER

ZEBALLOS PROJECT

June 29/65

possible drill site in the area
at elev 2500' for 3 hole fan,
slope to west 200'-300' relatively
inaccessible.

June 29/65.

W.S. + P.M.

Loc'n Sample EL.

Petas Cr	+ 00' E.	2300	Sandy loam
	+ 100'	2300'	clay-loam

W. 2400	+ 25' W	2400	dark loam
"	+ 65' W	"	yellow brown sandy
"	+ 150' W	"	dark limy loam
"	+ 200' W	"	brown " "
"	+ 250' W	"	black loam (sticky)
"	+ 300' W	"	"

@ 325' W. on shear bluffs:

in ls.

"

"

"

*

Slope OK for drill S.D.
fairly steep slope, heavy O.B.

UPPER. EAST ZONE.

BRUNTON - TAPE ELEV'S / 1964.

0+00	2700
1+00	2673
2+00	2673
3+00	2653
4+00	2595
5+00	2518
6+00	2434
7+00	2364
8+00	2287
9+00	2211
9(A)	2156
9(B)	2099
9(C)	2047
9(D)	2015
9(E)	1971
9(F)	1917
9(G)	1910
9(H)	1832.5
9(I)	1776.5
9(J)	1724.5
9(K)	1671
9(L)	1619
9(M)	1567
9(N)	1513
9(O)	1481
9(P)	1467
9(Q)	1429
9(R)	1396

Weather: Sunny July 1/65
Soil Sampling

Loc'n	Sample	Ele.v.	
Sunny No. 1	+00	2600	dark loam
(108)	1+00	2600	red brown loam
(110)	2+00	2600	dark loam
(111)	3+00	2600	brown clayish loam
(112)			
(113)	4+00	✓	yellow brown loam
(114)	5+00	✓	yellow brown sandy
(115)	6+00	✓	black loam
(116)	7+00	✓	light brown loam
(117)	8+00	✓	medium brown
(118)	9+00	✓	dark loam
(119)	10+00	✓	dark loam
(120)	11+00	✓	medium brown loam
(121)	12+00	✓	dark sticky loam

rock face too steep
for continuing contours.
(Rubeanic Tests)

(108)	slight dark	(121)	slight dark
(109)	faint blue		
(110)	" "		
(111)	trace "		
(112)	—		
(113)	faint "		
(114)	" "		
(115)	trace "		
(116)	faint "		
(117)	" "		
(118)	slight dark		
(119)	" "		
(120)	" "		

2600' - contour

Soil Sampling

- 2nd sample - dark loam - wax paper
- 2nd sample - mixed brown-black loam
- 2nd sample somewhat sandy
- below rock face - quite steep
- sample included of rock face, - maybe qtz diorite

weather: Sunny July 1/65

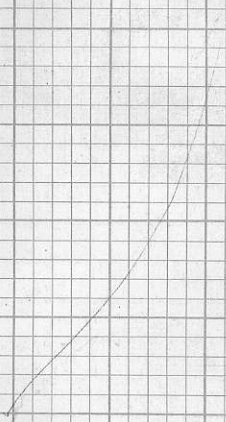
loc'n	Sample	Elev	Remarks
Sunny No. (95)	0+30	2500	med. brown soil
(96)	1+00	2500	dark loam
(97)	2+00	✓	yellow-brown clay
(98)	3+00	✓	dark loam
(99)	4+00	✓	dark loam
(100)	5+00	✓	yellow brown loam
(101)	6+00	✓	dark loam
(102)	7+00	✓	" "
(103)	8+00	✓	med. brown loam
(104)	9+00	✓	dark loam
(105)	10+00	✓	dark loam
(106)	11+00	✓	dark loam
(107)	12+00	✓	dark loam

//
Rock Face
Rubeanic Tests

(95)	trace	
(96)	slight trace	
(97)	v. slight trace	
(98)	"	"
(99)	med. dark	(99 A) slight dark
(100)	trace	
(101)	"	
(102)	faint	blue
(103)	"	"
(104)	"	"
(105)	"	"
(106)	slight	dark
(107)	"	"

Soil Sampling
2500'-contour

- 2nd sample - yellow clay
- 2nd sample - yellow clayish
- 2nd sample - light brown
- 2nd sample - redish - sandy



Weather: Sunny - July 2/65

Loc'n	Sample	Elev	Remarks
Sunny	0+00	2400	dark loam
	(80) 1+00	✓	dark loam
	(81) 2+00	✓	dark loam
	(82) 3+00	✓	dark loam
	(83) 4+00	✓	dark loam
	(84) 5+00	✓	brownish clay
	(85) 6+00	✓	yellow brown
	(86) 7+00	✓	dark clay
	(87) 8+00	✓	red brown loam
	(88) 9+00	✓	dark brown loam
	(89) 10+00	✓	dark brown
	(90) 11+00	✓	traces of grey sand
	(91) 12+00	✓	dark brown
	(92) 13+00	✓	dark loam
	(93) 14+00	✓	dark loam
	(94) 15+00	✓	dark loam

Rubeanic Tests

(79)	faint blue	(99) trace blue
(80)	" "	
(81)	trace "	
(82)	" "	
(83)	" "	
(84)	" "	
(85)	" "	
(86)	" "	
(87)	" "	
(88)	" "	
(89)	faint "	
(90)	" "	
(91)	" "	
(92)	trace "	
(93)	" "	

2400' contour

Soil Sampling

- 2nd sample white crap.

- edge of cliff - no 2nd sample

- 2nd sample dark loam

- 2nd sample dark loam

- north side of creek bank - 2nd
sample red
loam

- 2nd sample grey sand

Sunny & hot.

July 13/65

Loc'n	Sample	Elev.	Remark
Sunny	(60) 0+30	2300	dark loam
	(61) 1+00	✓	dark loam
	(68) 2+00	✓	"
	(69) 3+00	✓	dark brown
	(70) 4+00	✓	dark loam
	(71) 5+00	✓	dark loam
	(72) 6+00	✓	dark loam
	(73) 7+00	✓	med. brown sandy
	(74) 8+00	✓	light-med. brown
	(75) 9+00	✓	red brown sandy
	(76) 10+00	✓	brown + sandy
	(77) 11+00	✓	dark loam
	(78) 12+00		dark brown & slightly sandy

Rubeanic Tests.

(60)	med. dark	[60a]-	light dark
(67)	dark	[67a]-	dark
(68)	faint blue		
(69)	"	"	
(70)	trace blue.		
(71)	"	"	
(72)	v. slight	trace	
(73)	"	"	"
(74)	"	"	"
(75)	slight blue.		
(76)	faint blue		
(77)	"	"	
(78)	very slight		

Soil Sampling

2300' - contour

- not good samples - on runoff slope
- " " " " " " " "

- poor loc'n - no 2nd sample

- 2nd sample brown

on creek bank (1)

→ 20' above contour on bank

Jul 3/65

Loc'n	Sample	Elev	Remarks
Sunny	50 0+50	2200	light brown
	(51) 1+00	✓	dark loam
	(52) 2+00	✓	dark loam
	(53) 3+00	2230	dark loam
	(54) 4+00	2200	red-brown loam
	(55) 5+00	✓	med-brown
	(56) 6+00	✓	dark loam
	(57) 7+00	✓	light brown loam
	(58) 8+00	✓	light brown-sandy
	(59) 9+00	✓	dark loam
	(60) 10+00	✓	" "
	(61) 11+00	✓	dark brown
	(62) 12+00	✓	dark loam
	(63) 13+00	✓	dark loam
	(64) 14+00	✓	"
	(65) 15+00	✓	wet dark loam

Rubeanic Tests

(50)	faint blue	(65)	light dark
(51)	" "	(65a)	2nd sample.
(52)	" "		v. light dark.
(53)	" "		
(54)	" "		
(55)	faint "		
(56)	light dark blue		
(57)	v. slight trace.		
(58)	light dark		
(59)	" "		
(60)	slight trace		
(61)	faint blue		
(62)	trace blue		
(63)	" blue		
(64)	" "		

Soil Sampling

2200' contour

dry

- no 2nd sample

- too steep for 2200' contour

- 2nd sample light brown clayish

- 2nd sample red brown
on creek bank (1)

- 2nd sample browner

Jul/5/65

Loc'n	Sample	Elev	Remarks
Sonny	(37) 1+00	2100	dark loam
"	(38) 2+00	2100	red brown loam
"	(39) 3+00	✓	" " "
"	(40) 4+00	2050	dark loam
"	(41) 5+00	2100	" "
"	(42) 6+00	2100	med brown loam
"	(43) 7+00	2100	light brown
"	(44) 8+00	✓	dark loam
"	(45) 9+00	✓	brown-sandy soil
"	(46) 10+00	✓	reddish brown
"	(47) 11+00	✓	dark loam
"	(48) 12+00	✓	light brown
"	(49) 13+00	✓	dark loam

Rubeanic Tests

(37)	trace blue.
(38)	slight trace blue
(39)	" "
(40)	" "
(41)	" "
(42)	trace
(43)	slight trace
(44)	very slight trace
(45)	faint blue
(46)	slight dark blue
(47)	trace blue
(48)	v. slight dark blue
(49)	v. slight dot

Soil Sampling

2100-contour

- steep bank

- no 2nd sample - terrain too rugged
- estimating stations
- terrain - very rugged - cliffs

- 2nd sample slightly sandy

- crossed claim line

- 2nd sample dark loam

- moving into gtz diorite region

2000' Soil Samples Jul 6/65

Loc'n	Sample	Elev.	Remarks
Sonny	10+10	2000	dark loam
	(25) 1+00	2000	wet dark loam
	(26) 2+50	2000	wet dark loam
	(27) 3+00	2000	wet dark loam
	(28) 4+00	✓	red-brown loam
	(29) 5+00	✓	" " "
	(30) 6+00	✓	" " "
	(31) 7+00	✓	" " "
	(32) 8+00	✓	dark loam
	(33) 9+00	✓	wet dark clay
	(34) 10+30	✓	light brown-dry
	(35) 11+00	✓	dark loam
	(36) 12+00	✓	dark loam

Rubeanic Tests

- (24) trace blue.
- (25) " "
- (26) faint blue
- (27) trace blue.
- (28) faint blue
- (29) trace blue.
- (30) faint blue.
- (31) " "
- (32) trace blue.
- (33) " "
- (34) faint blue.
- (35) faint
- (36) med. dark

2000' - contour

2nd sample light brown slightly
ran into steep cliffs clay (s)

- creek bank

2nd sample - dark loam
just past rock face
on creek bank

- rock face

at 12+00 ?

Jul 6/65 Soil Samples
1900 contour

Loc'n	Sample	Elev	Remarks
Son(1)	(9) 1+00	1900'	dark loam
✓	(10) 2+00	1900'	- omitted - on a slope
✓	(11) 3+00	1900'	- dark loam
✓	(12) 4+00	1900'	- red brown soil
✓	(13) 5+00	1900'	- red brown soil
✓	(14) 6+00	1900'	- " " "
✓	(15) 7+30	1900'	- " " "
✓	(16) 8+00	✓	- dark + wet
✓	(17) 9+00	✓	dark loam
✓	(18) 10+00	✓	red-brown-sandy
✓	(19) 11+00	✓	dark loam
✓	(20) 12+00	✓	dark loam
✓	(21) 13+00	✓	med brown
✓	(22) 14+00	✓	dark loam - wet
✓	(23) 15+00	✓	wet mud - dark

Rubeanic Tests

(9) trace blue	(23) trace blue
(10) —	
(11) no rx.	
(12) faint blue	
(13) trace blue	
(14) slight trace blue	
(15) " "	
(16) trace blue	
(17) " "	
(18) " "	
(19) trace blue	
(20) " "	
(21) faint blue	- 2nd sample - trace
(22) faint blue	

1900' - contour

steep rock face \approx 100' high
- picked up 3 too on other side
no. 2nd sample

- 6400 ends at sharp draw
- 2nd sample dryer & browner.

- 2nd sample light brown

Jul 7/65

1800' contour

Soil

Samples

Loc'n	Sample	Elev	Remarks
Sunny (1)	1+50	1800'	med brown loam
✓ (2)	2+00	✓	no sample - sheart ^{root}
(3)	2+70	✓	dark loam
(4)	3+30	✓	med to light brown
(5)	4+00	✓	dark loam
(6)	5+00	✓	reddish loam
(7)	6+00	✓	" brown loam
(8)	7+20	✓	reddish brown - spongy

-H-

very steep draw

Rubeanic tests.

- (1) trace blue
- (2)
- (3) trace blue.
- (4) faint blue.
- (5) v. slight trace.
- (6) med. dark spck - 2nd sample - trace
- (7) dark - 2nd sample med - faint
- (8) v. slight trace.

Loc'n	Sample	Elev	Remarks
(162)	8+50	1890'	dark loam
(163)	9+50	✓	" "
(164)	10+50	✓	sandy brown
(165)	11+30	✓	med. brown
(166)	12+00	✓	dark brown
(167)	13+00	✓	med. brown loam
(168)	14+00	✓	red brown loam
(169)	15+00	✓	dark loam
(170)	16+00	✓	" "

1800' - contour.

approx. 1450 - too steep to tape

^{just} crossing rx face. ne. 1500'

room

- edge of rx. face.

North side of draw

South side of draw

middle of draw

JUL 9/65

Loc'n	Sample	Elev	Remarks
(22)	1+00	1700	reddish loam
(23)	2+00	✓	dark loam
(24)	3+00	✓	" "
(25)	4+00	✓	" "
(26)	5+00	✓	med. brown
(27)	6+00	✓	red-brown soil
(28)	7+00	✓	dark loam
(29)	8+00	✓	" "
(30)	9+00	✓	light brown
(31)	10+00	✓	med. brown
(32)	11+00	✓	dark loam
(33)	12+00	✓	light brown-dry
(34)	13+00	✓	dark loam
(35)	14+00	✓	" "

Rubeanic Tests.

(122)	faint	blue
(123)	"	"
(124)	"	"
(125)	"	"
(126)	trace	"
(127)	"	"
(128)	faint	"
(129)	"	"
(130)		dark
(131)	slight	dark
(132)	med	"
(133)	dark	"
(134)	faint	"
(135)	"	"

U/A Dith Test - Heavy Metals Jul 20/65
 wt. 9m sample index ml (6) color changes.

wt. 9m sample	index ml (6)	color changes
0.5g	0	_____
0.5g	1	_____
0.5g	2	_____
0.5g	0	_____
0.5g	0	+4 pink → olive gr.
0.5g	2	_____
0.5g	2	_____
0.5g	2	_____
0.5g	4	_____
0.5g	2	_____
0.5g	0	_____
0.5g	13	+6 ml pink → olive gr.
0.5g	0	_____
0.5g	0	_____
0.5g	1	_____

Jul/65

Loc'n	Sample	Elev	Remarks
Sonny (148)	0+40	1600	dark loam
(149)	1+00	✓	med brown
(150)	2+00	✓	dark loam
(151)	3+00	✓	DARK LOAM.
(152)	3+70	✓	DARK LOAM.

Rubene Test

(148)	dark	blue
(149)	faint	"
(150)	"	"
(151)	trace	"
(152)	"	"

July 11/65.

LOCATION	SAMPLE	ELEVAT.	REMARKS
SONNY (1)	150+40	1500'	DARK LOAM.
(154)	1+00	✓	REDDISH BROWN.
(155)	2+00	✓	DARK LOAM.
(156)	3+00	✓	REDDISH BROWN.
(157)	4+00	✓	REDDISH BROWN.
(158)	5+00	✓	DARK LOAM.
(159)	6+00	✓	REDDISH BROWN.
(160)	7+00	✓	REDDISH BROWN.
(161)	8+00	✓	RED BROWN.

(153)

(154)

(155)

(156)

(157)

(158)

(159)

(160)

(161)

— SECOND SAMPLE DARK LOAM.

— SECOND SAMPLE LIGHT BROWN.

— NORTH BANK OF CREEK.

— SECOND SAMPLE SLIGHTLY SANDY.

— SECOND SAMPLE BLACK LOAM.

—

Jul 11/2/65

Loc'n	Sample	Elev.	Remarks
(136)	0+00	2700'	dark loam - bit yellow
(137)	1+00	✓	dark loam -
(138)	2+00	✓	red-brown loam
(139)	3+00	✓	dark loam
(140)	4+00	✓	" "
(141)	5+00	✓	" "
(142)	6+00	✓	reddish brown loam
(144)	8+00	✓	light brown
(145)	9+00	✓	dark loam
(146)	10+00	—	on rock face
(147)	10+40	—	sample on edge of rock face - brown loam

(143) 7+00 2700' - dark loam.

(136) faint blue
 (137) slight dark
 (138) " "
 (139) " "
 (140) faint blue
 (141) dark
 (142) slight dark
 (143) trace blue.
 (144) slight dark
 (145) faint blue
 (146) " "
 (147) trace "

1/4 D rth Test - Heavy Metals July 20/68
 wt. g. Sample INDEX Color Changes
 (M.E.-6)

- 0.5	0	_____
- 0.5	0	_____
- 0.5	1	_____
- 0.5	0	_____
- 0.5	1	_____
- 0.5	1	_____
- 0.5	0	_____
- 0.5	1	_____
- 0.5	0	_____
- 0.5	1	_____

- 0.5 0 _____

July 18/65

Loc'n	Sample	Elev	Remarks
North	No 100	2750	dark loam
(163) "	100W	2730	black loam.
(164) "	100 E	2750	dark org. + red sandy
(165) "	200 E	2710	brown-black loam
(166) "	300 E	2710	yellow clayish
(167) "	400 E	2690	yellow silty

WEST ZONE - July 18/65

(168)	1964 012 + 80 E	2410	dark loam + ^{limy} light
(169)	" " + 50 E	2410	yellow earthy
(170)	" " + " "	2490	Orange earthy
(171)	" " + 100 E	2490	Orange-brown earthy
(172)	" " + 150 E	2490	" " " "
(173)	" " + 200 E	2490	brown earthy + limy sand
(174)	" " + 250 E	2490	dk organic w. white limy
(175)	" " + 300 E	2490	dark red-brown
(176)	" " + 350 E	2490	dark brown loamy
(177)	" " + 400 E	2490	dark orange-brown
(178)	" " + 450 E	2475	dark brown earthy
(179)	1964 018 + 00 E	2490	med. brown sandy
(180)	" " + 50 E	2500	yellow-brown silty
(181)	1964 019 + 20 E	2525	" " " sp. limy
(182)	1964 020 + 00 E	2540	Red-brown silty

U/A DITH TEST - HEAVY METALS, July 20

wt. g. INDEX (MI-7) Colour Changes

wt. g.	INDEX (MI-7)	Colour Changes
-b 0.5	8	+ 5ml pink
-b 0.25	16/11	+ 5ml pink
-b 0.25	+25/+25	+5 ml pink → purple
-b 0.25	+25 ✓	+5 ml purple → pink
- 0.25	7 ✓	+2 ml pink
- 0.25	3 ✓	_____
- 0.25	3 ✓	_____
- 0.25	0 ✓	_____
- 0.25	14/13	+ 4 ml pink
- 0.25	1	_____
- 0.25	19	+ 4 ml pink
- 0.25	1	_____
-b 0.25	0	_____
-b 0.25	0	_____
0.25	2	_____

July 21/65

Loc'n	Sample	Elev.	Remarks
Sunny ¹⁸³ W	1400 W	2700	white sandy
(184)	2400 W	✓	dark wet loam
(185)	3400 W	✓	dark brown loam
(186)	4400 W	✓	" " clayish
(187)	5400 W	✓	red-brown earthy
(188)	6400 W	✓	red brown earthy
(189)	7400 W	✓	light brown sandy
(190)	8400 W	✓	grey sandy
191	9400	✓	

STATION 11A West 2nd

191A	0400E	2550	greyish loam
(192)	0450E	2550	light brown earthy
(193)	1400E	✓	dark loam
(194)	2400E	✓	" "
(195)	3100E	✓	red brown loam
(196)	4100E	✓	brown-grey clay
(197)	5100E	✓	dark earthy
(198)	6100E	2630	white sandy
(199)	7100E	2670	red brown earthy

(200)	2400S	2650	red brown earthy
(201)	3400S	✓	greyish clay
(202)	4400S	✓	red brown earthy
(203)	5400S	✓	dark brown loam
(204)	6400S	✓	red brown
(205)	7400S	2875	drk. brown earthy
(206)	8400S	2675	red brown

DITHIZ TEST U/A #2 7/21/65

WT. SAMPLE (wt - G) Δ. COLOURS

WT. SAMPLE (wt - G)	Δ. COLOURS
183 - 0.5 g.	(9) pink → blue
184 0.5 g	1
185 "	1
186 "	5 pink → blue
187 "	1
188 "	0
189 "	0
190 "	0
191 "	0
191 - 0.5 g	5
192 "	+25 purplest-pink!
193 "	1
194 "	4
195 "	1
196 "	0
197 "	0
198 "	0
199 "	13. " 30' below level @ 50' W of big (#1) trench!
200 0.5 g	0
201 "	0
202 "	0
203 "	0
204 "	0
205 "	0
206 "	0

dry fall contact

July 23/65 = "Fill-ins"
(East of Saddle)

Loc'n	Sample	Elev	
(207)	13+50	1700'	light brown earthy
(208)	12+50	✓	dark loam
(209)	11+50	✓	" "
(210)	10+50	✓	dark brown loam
(211)	9+50	✓	dark brown earthy
(212)	8+50	✓	brown earthy
(213)	13+50	1800'	dark brown sandy
(214)	14+50	✓	silty loam
(215)	15+50	✓	dark loam
(216)	16+50	✓	brown sandy
(217)	12+50	1900'	yellow-white loam
(218)	11+50	✓	dark loam
(219)	10+50	✓	" "
(220)	12+50	2050'	med. brown earthy
(221)	12+00	2075'	light brown silt
(222)	11+50	✓	Brown clayish
(223)	11+00	✓	br "
(224)	10+50	✓	dark loam
(225)	10+00	2050'	red-brown earthy
(226)	13+00	2300'	grey brown silt
(227)	14+00	✓	grey sand
(228)	15+00	✓	red brown earthy
(229)	16+00	✓	" " "
(230)	14+50	2400'	med. brown earthy
(231)	13+50	✓	red-brown earthy
(232)	12+50	✓	dark loam
(233)	11+50	✓	dark sandy

July 23/65 - "Fill-ins"
'East of Saddle'

Loc'n	Sample	Elev	
(234)	12+50	2500'	dark loam
(235)	13+50	✓	red brown earthy
(236)	14+50	✓	brown clayish
(237)	11+50	✓	dark loam
(238)	10+50	✓	med. brown earthy
(239)	9+50	✓	light grey silt
(240)	8+50	✓	red brown earthy

Aug 4/65 - East Zone

§Loc'n	Sample	Elev	Remarks
(241)	0+00	1400'	red-brown earthy
(242)	1+00	✓	light brown sandy
(243)	2+00	✓	red brown earthy
(244)	3+00	✓	red brown earthy
(245)	4+00	✓	" " "
(246)	5+00	✓	" " "
(247)	6+00	✓	dark loam
(248)	7+00	✓	red brown earthy
(249)	8+00	✓	" " "
(250)	9+00	✓	med. brown earthy
(251)	10+00	✓	light brown (sandy)
(252)	11+00	✓	dark brown loam
(253)	12+00	✓	dark brown-black loam
(254)	13+00	✓	med.-light brown
(255)	14+00	✓	dark loam
(256)	15+00	✓	med-dark brown

1600' in middle of draw.

Rubeanic Tests

(241) faint
 (242) faint
 (243)-(256) - trace blue

- east bank of first creek east twin
- west bank

- ridge

- second sample reddish brown

- second sample slightly browner

- second sample a darker brown

- second sample a lighter grey brown

- on ridge of east draw

- second sample light brown sandy

Aug 5/65

Loc'n	Sample	Elev	Remarks
(257)	0+50	1300'	light organic
(258)	1+00	✓	light brown sandy
(259)	2+00	✓	red-brown earthy
(260)	3+00	✓	red-brown earthy
(261)	4+00	✓	" " "
(262)	5+00	✓	med-light brown "
(263)	6+00	✓	light brown earthy
(264)	7+00	✓	" " "
(265)	8+00	✓	medium brown sandy
(266)	9+00	✓	med-brown-grey earthy
(267)	10+00	✓	medium brown "
(268)	11+00	✓	light brown earthy
(269)	12+00	✓	red-brown earthy
(270)	13+00	✓	red-brown earthy
(271)	14+00	✓	dark loam
(272)	15+00	✓	red-brown earthy

-16+00 in the middle of the draw.

Rubeanic Tests.

(257) - (260) - trace
 (261) - faint
 (262) - (272) - trace

- second sample light brown
- second sample med-light brown
- country rough & steep
- second sample dark foam.
- ridge approaching draw

Aug. 6/65

LOCATION	SAMPLE	ELEV.	REMARKS
(273)	0+50	1200	red-brown earthy
(274)	1+00	✓	dark loam
(275)	2+00	✓	mixed red-brown & black loam
(276)	3+00	✓	red-brown earthy
(277)	4+00	✓	med-brown earthy
(278)	5+00	✓	dark loam
(279)	6+00	✓	light brown earthy
(280)	7+00	✓	med. light brown
(281)	8+00	✓	medium brown earthy
(282)	9+00	✓	dark brown earthy
(283)	10+00	1225	medium brown organic
(284)	11+00	1225	red-brown earthy
(285)	12+00	1200	" " "
(286)	13+00	✓	black loam
(287)	14+00	✓	black loam
(288)	15+00	✓	red-brown earthy

-1700 in middle of gorge.

Rubeanic Tests.

- (273) - (284) - trace blue
 (285) - faint blue
 (286) - (288) - trace blue.

- second sample black loam.
- second sample dark organic loam

- middle of 900 draw, try second sample
- in middle of rock face (sample)
- edge of rock face.

Aug 9/65

Locn	Sample	Elev	Remarks
(289)	0+40	1100'	dark brown organic
(290)	1+00	✓	light brown earthy
(291)	2+00	✓	dark loam (organic)
(292)	3+00	✓	dark brown earthy
(293)	4+00	✓	dark brown organic
(294)	5+00	✓	" "
(295)	6+00	✓	dark loam (organic)
(296)	7+00	✓	light brown earthy
(297)	8+00	✓	light brown earthy
(298)	9+00	✓	light brown organic
(299)	10+00	✓	dark brown organic
(300)	11+00	✓	light brown organic
(301)	12+00	✓	" " "
(302)	13+00	✓	mixed light & dark loam
(303)	14+00	✓	dark brown organic
(304)	15+00	✓	dark organic loam

-1700' on the gorge

(289)-(290)	- trace blue
(291)-(292)	- faint blue
(293)-(300)	- trace blue
(301)-(302)	- faint blue
(303)	— DARK BLUE
(304)	- trace

Rubeanic Tests

Aug. 10/65

LOC N	SAMPLE	ELEV.	REMARKS
(305)	0750	1000'	light brown earthy
(306)	1+00	✓	red-brown earthy
(307)	2+00	✓	" " "
(308)	3+00	✓	med-brown earthy
(309)	4+00	✓	light-brown organic
(310)	5+00	✓	dark-organic loam
(311)	6+00	✓	med-brown organic
(312)	7+00	✓	dark-brown earthy
(313)	8+00	✓	dark brown organic
(314)	9+00	✓	dark organic loam
(315)	10+00	✓	medium brown earthy
(316)	11+00	✓	red-brown earthy
(317)	12+00	✓	dark brown organic
(318)	13+00	✓	" " "
(319)	14+00	✓	" " "
(320)	15+00	✓	dark brown sandy

-1600' in middle of gorge.

Rubenic Tests

(305) - (308)	- faint
(309) - (312)	- trace
(313) -	- faint
(314) -	- trace
(315) - (319)	- heavy faint
(320) -	- trace

Sta. to Sta.	Dist.	Brg.	Slope	
initial Sonny 70	B-1	106'	S45E	+8°
B-1	B-2	155'	S32E	+6°
B-2	B-3	134'	S50E	0°
B-3	B-4	87'	S25E	+2°
B-4	B-5	75'	S23E	+4°
B-5	B-6	98'	S30E	+8°
B-6	B-7	104'	S20E	0°
B-7	B-8	80'	S22E	0°
B-8	B-9	106'	S24E	0°
B-9	B-10	73'	S13E	0°
B-10	B-11	100'	S21E	0°
B-11	B-12	80'	S35E	0°
B-12	B-13	121'	S37E	+2°
B-13	final Sonny 7	106'	S46E	+4°

TRAVERSE AUG/65

Sta	Sta.	Dist.	Brg.	Slope	
A-14	A-15	175'	N15E	0°	
A-15	A-16	15'	N40E	+31°	13'
A-16	A-17	45'	N22W	+30°	39'
A-17	A-18	33'	N23E	+12°	32'
A-18	A-19	31'	N5E	+7°	—
A-19	A-20	71'	N27E	+5°	70'
A-20	A-21	55'	N13E	+7°	254'
A-21	A-22	100'	N18E	+6°	99'
A-22	A-23	57'	N22E	+11°	56'
A-23	A-24	74'	N5E	+8°	35'
A-24	A-25	36'	N50E	+10°	35'
A-25	Soony 7	48'	S43E	+2°	
A-25	A-26	37'	N30W	-4°	
A-26	A-27	200'	N62W	-3°	199'
A-27	A-28	200'	N66W	+2°	196'
A-28	A-29	200'	N65W	-1°	—
A-29	A-30	190'	N48W	0°	—
A-30	A-31	160'	N17W	+10°	—
A-31	A-32	150'	N5E	0°	—
A-32	A-33	200'	N12W	0°	—
A-33	A-34	200'	N12W	0°	—
A-33	Signal Soony 10	83'	N35W	0°	—
Soony 6	A-34	200'	N23W	-3°	
A-34	A-35	200'	N35W	+2°	
A-35	A-36	200'	N20W	+4°	
A-36	A-37	200'	N20W	-4°	
A-37	A-38	200'	N41W	-2°	
A-38	A-39	200'	N22W	-3°	
A-39	A-40	200'	N55W	+2°	
A-40	Soony 5	123'	N85W	0°	

- in the middle of the draw.

- soil rocky & wet

Aug. 11/65

LOC' N	SAMPLE	ELEV.	REMARKS
(322)	0+30	900'	yellow-brown earthy
(323)	1+00	✓	dark loam
(324)	2+00	✓	yellow-brown earthy
(325)	3+00	875'	dark sandy loam
(326)	4+00	860'	fine light-brown silt
(327)	5+00	875'	dark sandy loam
(328)	6+00	950'	dark brown organic
(329)	7+00	950'	" " "
(330)	8+00	950'	light brown earthy
(331)	9+00	950'	dark brown organic
(332)	10+00	950'	dark organic loam
(333)	11+00	950'	dark brown organic

-1250 in middle of draw.

* watch when plotting

Rubeanic tests.

- (322) - (330) - trace to faint
(331) - heavy faint
(332 - 333) - trace.

Aug 14/65

LOC' N.	SAMPLE	ELEV.	REMARKS.
(334)	0+40	800	yellow-brown earthy.
(335)	1+00	✓	red-brown earthy.
(336)	2+00	✓	dark organic loam.
(337)	3+00	✓	medium brown earthy.
(338)	4+00	775	dark brown organic.
(339)	5+00	800	dark brown earthy.

Rubeanic Tests.

(334) (339) - trace to faint

Aug. 16/65

LOC'N	SAMPLE	ELEV.	REMARKS
(340)	0+00	700'	dark brown earthy
(341)	1+00	✓	" " "
(342)	2+00	✓	med brown earthy
(343)	3+00	✓	dark brown earthy.
(344)	4+00	725'	red brown earthy
(345)	5+00	700'	dark brown sandy.
(346)	6+00	✓	dark brown earthy.
(347)	7+00	✓	" " "
(348)	8+00	✓	" " "
(349)	9+00	✓	" " "
(350)	10+00	✓	" " "
(351)	11+00	✓	dark brown organic

Rubeanic Tests.

- (340) - (345) - faint blue.
 (346) - heavy faint.
 (347) - (350) - trace - to faint

— in the middle of creek bed.

— on side of small creek-bed
→ 9100 Iron

Aug/65
 Nomash N.
 along west bank

Loc'n	Sample	Remarks
(353)	0+00N	light brown silty
(354)	1+00N	" " "
(355)	2+00N	sandy
(356)	3+00N	light brown silty
(357)	4+00N	light brown sandy
(358)	5+00N	light brown silty
(359)	6+00N	brown roots
(360)	7+00N	light brown silty
(361)	8+00N	red-brown earthy
(362)	9+00N	sandy
(363)	10+00N	dark loam
(364)	11+00N	brown earthy
(365)	12+00N	brown sandy
(366)	13+00N	dark brown silty
(367)	14+00N	dark silty
(368)	15+00N	dark sandy
(369)	16+00N	light brown earthy
(370)	17+00N	light brown sandy
(371)	18+00N	dark brown sandy
(372)	19+00N	" "
	20+00N	brown earthy