

Stump Lake
92I/SW 827083

SUMMARY SL-1

Location: 3+50S, 8+20E
Azimuth: 250 Dip: -70

0-2.3	Casing
2.3-12.2	Nicola Basalt Tuff
12.2-34.6	Fault Zone with Tertiary Basalt Dykes (Magnetic)
34.6-91.6	Nicola Basalt Fl-Bx
91.6-93.1	Tertiary Basalt Dyke (Magnetic)
93.1-101.3	Nicola Basalt Fl-Bx
101.3-105.5	Silicified Zone with Qtz Veins 5-10% py, tr Ga, tr Sp, tr Cpy
105.5-153.8	Nicola Fl-Bx, Tuffs and minor seds with several .5-1.0m silicified zones.
153.8-157.1	Silicified zone with Quartz Veins
157.1-195.6	Nicola Basalt Fl-Bx
195.6-202.2	Fault Zone with silicification and Quartz Veins with green micas, 1-2% py
202.2-281.2	Nicola Basalt Tuff
281.2-297.2	Fault Zone with Silicification and Quartz Veins 2-5% py, tr Ga, tr Sp The Tubal Cain Vein System
297.2-324.7	Nicola Basalt Fl-Bx
324.7-335.9	Tertiary Basalt Dykes (Magnetic)
335.9-366.6 E.O.H.	Nicola Basalt Fl-Bx with minor Tertiary Basalt Dykes

SUMMARY LOG SL-2

Location: 9+50S, 7+50E
Azimuth: 250 Dip: -45

0-3.5	Casing
3.5-16.9	Nicola Basalt Tuff
16.9-50.7	Tertiary Basalt Dyke Swarm (Magnetic)

SL-2 Con't

50.7-57.9 Silicified Zone with Quartz Veins and Green Micas
5-10% py "Joshua Vein"

57.9-74.1 Nicola Basalt Tuff

74.1-78.2 Silicified Zone with Quartz Veins
5% py, tr Ga, tr Sp "Tubal Cain Vein"

78.2-79.7 Tertiary Basalt Dyke (Magnetic)

79.7-103.9 Nicola Basalt Tuff
E.O.H.

SUMMARY LOG SL-3

Location: 8+50S, 6+15E
Azimuth: 250 Dip: -45

0-3.7 Casing

3.7-62.5 Nicola Basalt Fl-Bx and Tuff

62.5-64.3 Silicified Zone with Green micas
5% py, tr Ga
"King William Vein?"

64.3-77.9 Nicola Basalt Tuff

77.9-81.6 Tertiary Basalt Dyke (Magnetic)

81.5-107.3 Nicola Basalt Tuff
Weak faulting.
E.O.H.

SUMMARY LOG SL-4

Location: 12+10S, 5+25E
Azimuth: 250 Dip: -45

0-8.6 Casing

8.6-40.4 Nicola Basalt Tuff

40.4-44.7 Fault Zone with Tertiary Basalt Dykes (Magnetic)

44.7-69.1 Nicola Basalt Fl-Bx and Tuff

69.1-70.9 Quartz Vein and Silicification
10% py, tr Ga, tr Sp, tr Tet
"King William Vein"

70.9-101.1 Nicola Basalt Fl-Bx

SL-4 Con't

101.1-104.2 Silicified Zone with Quartz Veins
10% py, tr Ga, tr Sp, tr Tet

104.2-105.8 Nicola Basalt Tuff
E.O.H.

SUMMARY LOG SL-5

Location: 27+75S, 7+00E

Aximuth: 250 Dip: -45

0-4.9 Casing

4.9-48.3 Nicola Basalt Tuff +/- Sediment Fragments (Lmst, Siltstone)

48.2-50.6 Quartz Vein with Silicification
3-5% py, tr Ga, tr Sp, tr Tet, tr W03

50.6-80.9 Nicola Basalt Tuff

80.9-89.0 Silicified Zone with 5% Green Micras
5% py, tr Ga, tr Tet

89.0-124.0 Nicola Basalt Tuff with sediment fragments

124.0-128.6 Silicified Zone with 5% green micras
Tr py, tr gry sulphide?

128.6-133.2 Nicola Basalt Tuff with Sediment Fragments
E.O.H.

SUMMARY LOG SL-6

Location: 42+00S, 7+20E

Azimuth: 250 Dip: -55

0-6.1 Casing

6.1-38.0 Nicola Basalt Fl-Bx
Zones with 3-8% py veinlets in strong chl-epid. alteration.

38.0-58.0 Nicola Basalt Tuff

58.0-65.4 Silicified Zone around the "Jenny Long Vein"
64.5-65.4 the QV with 5% py, 3-5% tet?, 3% sp, 2% ga

65.4-125.8 Nicola Basalt Tuff
Zones with 2-5% py veinlets in strong chl-epid. alteration.
125.8-130.2 Nicola Basalt Tuff
E.O.H.

SUMMARY LOG SL-7

Location: 41+00S, 8+00E
Azimuth: 250 Dip: -50

0-3.1 Casing
3.1-35.1 Nicola Basalt Fl-Bx
35.1-42.8 Tertiary Basalt Dyke
42.8-44.7 Nicola Basalt Tuff
44.7-48.0 Tertiary Basalt Dykes
48.0-56.5 Nicola Basalt Tuff
56.5-61.2 Tertiary Basalt Dyke
61.2-136.0 Nicola Basalt Fl-Bx
Zones with 2-3% py in strong chl-epid. alteration.
136.0-150.6 Tertiary Basalt Dykes
E.O.H.

70.9-101.1 Nicola Basalt Fl-Bx

SL-4 Con't

101.1-104.2 Silicified Zone with Quartz Veins
10% py, tr Ga, tr Sp, tr Tet

104.2-105.8 Nicola Basalt Tuff
E.O.H.

SUMMARY LOG SL-5

Location: 27+75S, 7+00E
Azimuth: 250 Dip: -45

0-4.9 Casing

4.9-48.3 Nicola Basalt Tuff +/- Sediment Fragments (Lmst, Siltstone)

48.2-50.6 Quartz Vein with Silicification
3-5% py, tr Ga, tr Sp, tr Tet, tr W03

50.6-80.9 Nicola Basalt Tuff

80.9-89.0 Silicified Zone with 5% Green Micas
5% py, tr Ga, tr Tet

89.0-124.0 Nicola Basalt Tuff with sediment fragments

124.0-128.6 Silicified Zone with 5% green micas
Tr py, tr gry sulphide?

128.6-133.2 Nicola Basalt Tuff with Sediment Fragments
E.O.H.

SUMMARY LOG SL-6

Location: 42+00S, 7+20E
Azimuth: 250 Dip: -55

0-6.1 Casing

6.1-38.0 Nicola Basalt Fl-Bx
Zones with 3-8% py veinlets in strong chl-epid. alteration.

38.0-58.0 Nicola Basalt Tuff

58.0-65.4 Silicified Zone around the "Jenny Long Vein"
64.5-65.4 the QV with 5% py, 3-5% tet?, 3% sp, 2% ga

65.4-125.8 Nicola Basalt Tuff
Zones with 2-5% py veinlets in strong chl-epid. alteration.

125.8-130.2 Nicola Basalt Tuff

E.O.H.

SUMMARY LOG SL-7

Location: 41+00S, 8+00E
Azimuth: 250 Dip: -50

0-3.1 Casing

3.1-35.1 Nicola Basalt Fl-Bx

35.1-42.8 Tertiary Basalt Dyke

42.8-44.7 Nicola Basalt Tuff

44.7-48.0 Tertiary Basalt Dykes

48.0-56.5 Nicola Basalt Tuff

56.5-61.2 Tertiary Basalt Dyke

61.2-136.0 Nicola Basalt Fl-Bx
Zones with 2-3% py in strong chl-epid. alteration.

136.0-150.6 Tertiary Basalt Dykes

E.O.H.

SUMMARY LOG MJC-1

Location: approx. 5+00N, 25+80N Proposed hole #1
 Azimuth: 225 Dip: -70
 Elev: 1190
 Depth: 337.10

0 - 9.14 Casing, Overburden
 9.14-209.2 Basalt. SI magnetic. Chlorite and serpentine on fractures. Minor calcite veining.
 209.2-211.1 Argillite/Debris Flow. Bedded argillite at 70 deg. to C.A. Angular chert, qtz and tuff frags in debris flow sections. 10-30% f.gr. pyrite.
 211.1-222.2 EAGLE BAY FM. Sericite tuff with grey chert frags. Qtz veining.
 222.2-249.0 Mafic tuff with chert frags. Mod. sericite alteration. Bedding at 60-70 to C.A.
 249.0-252.25 Sericite Tuff and chert frags. Qtz veining. Bedding at 70.
 252.25-291.1 Argillitic Debris Flow. Chert frags. Tr-5% pyrite
 291.1-295.9 Sericite Tuff with Debris Flow. Occ. pyrite.
 295.9-299.1 Sericitic Tuff. Minor argillite beds. 20-40% qtz veins. Lithos show basaltic composition.
 299.1-335.6 Mafic Tuff. Faint layering at 50-60 deg. 20% qtz veins. Tr py, euhedral. Mod. sericite alteration. Lithos show basaltic composition.
 335.6-337.1 Argillite and Mafic Tuff. Interbedded at 60 to C.A. Graphite on fractures.
 337.1 E.O.H.

SUMMARY LOG MJC-2

Location: approx. 11+30W, 8+50N Proposed hole #2
 Azimuth: 225 Dip: -70
 Elev: 1184
 Depth: 352.65

0-12.19 Casing, Overburden
 12.19-14.85 Argillite and Tuff. Broken core with FeOx. Tr-2% py.
 14.85-17.0 Basalt. Mod. magnetic
 17.0-25.5 Lahar. Basaltic matrix with frags of qtz and tuff. 2-5% magnetite, tr-2% py. Chill margins on qtz frags.
 25.5-221.95 Interlayered Basalt and sediments. Sediments up to 30m thick; consist of well-bedded siltstone and mudstone with tr pyrite. Basalt has chilled margins, calcite-filled filled amygdules in thinner (0.3-1m wide) flow. Basalt layers up to 80m thick. Thinning towards base of section.
 221.95-277.8 Bedded mudstone, ash, tuff and agglomerate section. Volcanic component increases downhole. Lower 20m is agglomerate; coarse, unsorted angular argillite and sericitic tuff frags in brown ash matrix. V. tr py.
 277.8-288.7 EAGLE BAY FM Sericite grey and green ash layers. Vuggy qtz veins.
 288.7-302.25 Tuff and ash. Bedded at 60 to C.A. Vuggy qtz veins.
 302.25-352.65 Bedded Mudstone, siltstone. Tr py in mudstone.
 352.65 E.O.H.

SUMMARY LOG MJC-3

Location: approx. 11+50W, 17+00N Proposed hole #3
 Azimuth: 225 Dip: -70
 Elev: 1162
 Depth: 380.08

0-14.32 Casing, Overburden
 14.32-124.9 Mixed Sediments. Thinly laminated mudstone, siltstone and wacke. Minor coal seams in mudstone. tr -5% py.
 124.9-129.62 Ash/tuff. Distinctly bedded at 60 to C.A. V. tr py
 129.62-309.3 Interlayered Basalt and Ash, tuff, mudstone sections. Basalt up to 40m thick, amygduloidal in thinner flows. Thins downhole as in previous hole. Sediment layers up to 60m thick, well bedded at 60 to C.A. Lower 3m is tuff cemented breccia of underlying altered Eagle Bay volcanics. Magnetite in basalt; tr py is sed/tuffs.
 309.3-334.3 EAGLE BAY FM Mafic tuff. Strong chlorite alteration, black and green. tr-2% py.
 334.3-357.76 Argillite with Mafic Tuff. Bedded at 60 to C.A. Tr-2% py.
 357.76-380.08 Argillite with Siltstone layers. Strong qtz veining, minor calcite. Tr-2% euhedral py. Broken core with graphite on fractures.
 380.08 E.O.H.
 Action? exit
 Command? quit
 Invalid command: 'QUIT'
 Command?