Plate 4

Coeur d'Alene District Revett Study

Surface Stratigraphic Log

Date started 7-11-84
Completed 7-28-84

Section Name DEADWOOD GULCH
Purpose of Section To examine part of the upper Revett.

Location BUNKER HILL PROPERTY
Logged by J. Mauk

Location Map No. D.G. a

DEPTH / THICKNESS | ROCK TYPE | DIAGENETIC/METAMORPHIC MODIFICATIONS | COLORS | BEDDING PLANE PROPERTIES: TYPE, ATTITUDE STK./DIP or <to Core Axis, STRUCTURE | CURRENT DIRECTION | LAYER PROPERTIES: PLANAR, CURVI-PLANAR, NONPLANAR | LITHOLOGY: CHERT, CLAYEY PELITE, SILTY PELITE, SANDY PELITE, VERY SANDY SILT, FINE MEDIUM SAND, COARSE, FINE GRAVEL, COARSE, 50% CARBONATES 25% 10% Vol. %, 25% OXIDES / 10% HYDROXIDES 5% Vol. %, 25% 15% 10% SULFIDES 8% Vol. % 6% 4% 2% | COMPACTION DEFORMATION PROPERTIES: STRUCTURE, TEXTURE | NOTES | % RECOVERY | NO. OF LAYER

1600
15-30% ser — lv
3-15% ser/phn — l/gn
1500
wh
3-7% ser/mus — wh
1400
5-15% ser/phn — l/gn
1300
15-30% ser/phn — l/gn-gn
1200
5-12% ser/phn — l/gn
1100
10-15% ser/phn
1000
5-15% ser/phn — l/gn
900
800
700
15-30% ser/phn — gn-l/gn
600
500
0-5% ser/mus — wh
400
5-15% ser/phn — l/gn
300
200
100
3-10% ser/phn
0

mnx
mnx
mnx
hmt
mnx
py
mnx
py
leu

1570' TOP OF SECTION

1561' CONTACT REVETT / ST. REGIS

COVERED: 1466' - 1470'
1555.5' - 1557'

COVERED:

703'- 707', 709'- 711'
758'- 760', 805' - 809'
903'- 905', 919' - 959.5'
970'-1015', 1018'- 1020'
1040'-1067', 1070.5' - 1080'
1081.5'-1090', 1097' - 1102'
1104' - 1109', 1113' - 1115'
1169'-1283.5'

N = 12

VITREOUS QTZITE PORTRAYED AS MEDIUM SAND; SERICITIC QTZITE AS FINE SAND.

585'-612.5' COMMONLY COVERED; MOSTLY QTZITE.

560'-585' MOSTLY COVERED

490'-560' COVERED, LOWER PART APPEARS TO BE SERICITIC QTZITE WHICH PASSES GRADATIONALLY UPWARD TO SILTITE.

434'-490' MOSTLY COVERED, NEARLY 100 % WHITE, HARD VITREOUS (TO SUBVITREOUS) QTZITE.

288'-380' MOSTLY COVERED. DOMINANTLY SERICITIC QTZITE (AS BELOW) WITH ~10% SILTITE.

210'-270' MOSTLY COVERED. DOMINANTLY SERICITIC QTZITE WHICH IS DEEPLY WEATHERED AND THEREFORE SCRATCHES EASILY ~10% SILTITE.

155'-210' COVERED TO POORLY EXPOSED. DOMINANTLY MEDIUM BEDDED QTZITE W/~10% SILTITE.

0'-70' MUCH OF THE QTZITE IS SUBVITREOUS, OR ONLY SLIGHTLY SERICITIC.

15.5'-19' COVERED

5'-10' COVERED

NO. OF LAYER: SR | UQ 2 | US 2 | UQ 1 | US 1 | MQ