| DH_ID | Run # C | CoreDrilled(m) | Core Rec'd | Percent | Driller's | Depth | Writt | ten Loa | | Corrected | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|---------|----------------|------------|-----------|-----------|--------|----------------|--------------------|--------------|----------------|----------------|--------------|--------|---|------------------|----------|--------------------|---------------|------------|------------|----------|----------|------|--------|----------|------------|
| 57.272 | | () | | Recovered | From | TO | FROM | TO | Length | FROM | TO (| Core Loss | LITH | Description | Sulphide Mineral | ls % | Carbonate Minerals | s % Sample ID | Weathering | | | Dip/BCN | | RQD | Strength | Quality |
| RAV06-001C | | | | | 0.00 | 20.87 | 0.00 | 20.87 | 20.87 | 0.00 | 19.80 | | | Overburden | | | | | | | | | | | | |
| RAV06-001C | 1 | 2.97 | 2.32 | 77.05 | 20.87 | | 20.87 | 22.43 | 1.56 | 19.80 | 21.36 | | SST | Grey and white, medium grained, well sorted, well rounded, massive 55 BCN on Calcite (2X) | _ | | Cal | Tr | W6 | Massive | | | | 100.00 | R7 | Excellent |
| | | | | | | | | | | | | | | Light grey, fine to med. Grained, well irst 26cm, broken crushed | | | | | | | | | | | | |
| RAV06-001C | | | | | | | 22.43 | 23.19 | 0.76 | 21.36 | 22.12 | 0.00 | SLT | rubblely, plant fossils. | - | | Cal | Tr | W6 | Massive | | | | 51.00 | R6 | Fair |
| RAV06-001C RAV06-001C | | | | | | 23.84 | 23.19 | 23.51 | | 22.12 22.45 | 22.45 22.77 | 0.33 0.32 | | Coal Loss Rock Loss | | | | | | | | | | | | |
| RAV06-001C | 2 | 3.05 | 3.05 | 100.00 | 23.84 | 25.04 | 23.51 | 23.67 | 0.16 | 22.77 | 22.93 | 0.52 | SH | Black, massive plant material | | | Cal | Tr | W6 | Massive | | | | 85.00 | R5 | Fair |
| | | | | | | 00.00 | | | | | | | | Black, massive, plant material, calcite along fractures, three calcite veinlets @ 10, | | 4.00 | 0.1 | - | | | | | | | | |
| RAV06-001C RAV06-001C | 3 | 2.97 | 2.69 | 90.57 | 26.89 | 26.89 | 23.67 26.56 | 26.56 26.63 | 2.89 0.07 | 22.93 25.82 | 25.82 25.89 | | SH | large coral fossil that is covered in iron Part of the above Interval | Hm | 1.00 | Cal | Tr | W6 | Massive | | | | 85.00 | R5 | Fair |
| 114400-0010 | 3 | 2.51 | 2.03 | 30.37 | 20.03 | | 20.50 | 20.03 | 0.07 | 25.02 | 25.05 | | 011 | Light to med grey, fine to med, massive, moderate sorting, calcite | | | | | | | | | | | | |
| | | | | | | | | | | | | | | veining along sickenslides, calcite veins with BCN 20 to 0, one (less | | | | | | | | | | | | |
| RAV06-001C | | | | | | | 26.63 | 29.25 | 2.62 | 25.89 | 28.51 | | SLT | than 1 cm thick) carboneous along SS. | - | | Cal | 1.00 | W6 | Massive | SS | 22 | 1.60 | 90.00 | R6 | Good |
| RAV06-001C | | | | | | 29.86 | 29.25 | 29.53 | | 28.51 | 28.79 | 0.28 | | Rock Loss Same as above, except in the first There are 3 melange structures | | | | | | | | | | | | |
| | | | | | | | | | | | | | | coarse grained SST. Numerous fossils at bottom of the run. Calcite | | | | | | | | | | | | |
| RAV06-001C | 4 | 2.97 | 2.95 | 99.33 | 29.86 | | 29.53 | 32.48 | 2.95 | 28.79 | 31.74 | | SLT | veins have a BCN of 10 to 20 degrees. | Ру | Tr | Cal | 1.00 | W6 | | SS | 20 | 1.00 | 95.00 | R7 | Excellent |
| RAV06-001C | | | | | | 32.83 | 32.48 | 32.50 | | 31.74 | 31.76 | 0.02 | | Rock Loss | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Light to medium grey, 1large calcite vein (1 cm thick @ 40 degrees BCN) Numerous small calcite veins with Pyrite (10 to 15 BCN) The | | | | | | | | | | | | |
| | | | | | | | | | | | | | | same SST "melange" structures as above. Py & As along all | | | | | | | | | | | | |
| RAV06-001C | 5 | 2.99 | 2.99 | 100.00 | 32.83 | | 32.50 | 35.30 | 2.80 | 31.76 | 34.56 | | SLT | fractures and SS. | Ру | 1.00 | Cal | 1.00 | W6 | | SS | 20 | 0.33 | 90.00 | R6 | Good |
| RAV06-001C | | | | | | 35.82 | | 35.49 | 0.19 | 34.56 | 34.75 | | | Part of the above Interval | As | 1.00 | | | 14/4 | | Joints | 22 | 0.66 | | | |
| RAV06-001C RAV06-001C | 6 | 2.97 | 2.94 | 98.99 | 35.82 | | 35.49 38.29 | 38.29 38.43 | 2.80 0.14 | 34.75 37.55 | 37.55 37.69 | | SLI | Same as above, but no melange Part of the above Interval | Ру | Tr | Cal | 1.00 | W6 | | Joints | 20 | 1.00 | 100.00 | R6 | Excellent |
| RAV06-001C | | | | | | 38.79 | 38.43 | 38.46 | 0.14 | 37.69 | 37.72 | 0.03 | | Rock Loss | | | | | | | | | | | | |
| RAV06-001C | 7 | 2.97 | 2.75 | 92.59 | 38.79 | | 38.46 | 41.21 | 2.75 | 37.72 | 40.47 | | SLT | Same as above Interval | Ру | Tr | Cal | 1.00 | W6 | | SS | 20 | 0.66 | 100.00 | R6 | Excellent |
| RAV06-001C | | | | | | 41.76 | 41.21 | 41.43 | | 40.47 | 40.69 | 0.22 | | Rock Loss | | | | | 14/4 | | | | | | | |
| RAV06-001C RAV06-001C | 8 | 3.05 | 3.05 | 100.00 | 41.76 | // Q1 | 41.43 44.37 | 44.37 44.48 | 2.94 0.11 | 40.69 43.63 | 43.63 43.74 | | SLT | Same as above Interval Part of the above Interval | Ру | Tr | Cal | 1.00 | W6 | | Fr | 20 | 0.66 | 100.00 | R6 | Excellent |
| RAV06-001C | 9 | 3.05 | 3.05 | 100.00 | 44.81 | 74.01 | 44.48 | 47.25 | 2.77 | 43.74 | 46.51 | | SLT | Same as above Interval | Pv | Tr | Cal | 1.00 | W6 | | Fr | 0 | 0.66 | 100.00 | R6 | Excellent |
| RAV06-001C | | | | | | 47.86 | 47.25 | 47.53 | 0.28 | 46.51 | 46.79 | | SLT | Part of the above Interval | , | | | | | | | | | | | |
| RAV06-001C | 10 | 2.98 | 2.98 | 100.00 | 47.86 | | 47.53 | 50.36 | 2.83 | 46.79 | 49.62 | | SLT | Same as above Interval | Ру | Tr | Cal | 1.00 | W6 | | Fr | 20 | 1.30 | 100.00 | R6 | Excellent |
| RAV06-001C | | | | | | 50.84 | 50.36 | 50.51 | 0.15 | 49.62 | 49.77 | | SLI | Part of the above Interval Same as above, but becoming coarser toward the bottom of the unit | • | | | | | | | | | | | |
| RAV06-001C | 11 | 3.05 | 3.03 | 99.34 | 50.84 | | 50.51 | 52.61 | 2.10 | 49.77 | 51.87 | | SLT | The contact s sharp and the BCN is zero degrees | Py | Tr | Cal | 1.00 | W6 | | Fr | 0 | 0.47 | 100.00 | R6 | Excellent |
| RAV06-001C | | | | | | | 52.61 | 53.18 | 0.57 | 51.87 | 52.44 | | SST | Grey to white med. to coarse, massive, hard | Py | Tr | Cal | Tr | W6 | | | | | 100.00 | | Excellent |
| RAV06-001C | | | | | | | 53.18 | 53.54 | 0.36 | 52.44 | 52.80 | | SST | Part of the above Interval | | | | | | | | | | | | |
| RAV06-001C RAV06-001C | 12 | 2.97 | 2.95 | 99.33 | 53.89 | 53.89 | 53.54 53.56 | 53.56 55.08 | 1.52 | 52.80 52.82 | 52.82 54.34 | 0.02 | SST | Rock Loss As above. Lower contact is sharp | | | Cal | 1.00 | W6 | | Fr | 0 | 0.65 | 100.00 | R7 | Excellent |
| 114400-0010 | 12 | 2.51 | 2.00 | 33.33 | 33.03 | | 33.30 | 33.00 | 1.02 | 32.02 | 34.34 | | 001 | Dark grey, med to course, mottled appearance. Rip up clast of above | e | | Oai | 1.00 | VVO | | | U | 0.03 | 100.00 | IXI | _ACCIICITE |
| RAV06-001C | | | | | | | 55.08 | 56.19 | 1.11 | 54.34 | 55.45 | | SST | SST. Several calcite stringers | Ру | Tr | Cal | 1.50 | W6 | | | | | 100.00 | R7 | Excellent |
| RAV06-001C | | | | | | | 56.19 | 56.51 | 0.32 | 55.45 | 55.77 | | SST | Part of the above Interval | | | | | | | | | | | | |
| RAV06-001C RAV06-001C | 13 | 2.97 | 2.94 | 98.99 | 56.86 | 56.86 | 56.51 56.53 | 56.53 59.19 | 2.66 | 55.77 55.79 | 55.79 58.45 | 0.02 | SST | Rock Loss As above, except numerous rip up clasts | | | Cal | 2.00 | W6 | | Fr | 0 | 0.68 | 96.00 | R7 | Excellent |
| RAV06-001C | 13 | 2.31 | 2.34 | 30.33 | 30.00 | | 59.19 | 59.22 | 2.00 | 58.45 | 58.48 | 0.03 | 331 | Rock Loss | | | Cai | 2.00 | VVO | | - 11 | U | 0.00 | 90.00 | IXI | LACCHETIC |
| RAV06-001C | | | | | | 59.83 | | 59.50 | 0.28 | 58.48 | 58.76 | | SST | Part of the above Interval | | | | | | | | | | | | |
| D41/00 0040 | | 0.05 | 0.00 | 00.00 | 50.00 | | 50.50 | 00.45 | 0.05 | 50.70 | 04.44 | | 007 | Same as above, but in addition, there is Large calcite vein running | | _ | 0.1 | 0.00 | 14/0 | | 00 | 00 | 4.00 | 07.00 | D-7 | - " . |
| RAV06-001C RAV06-001C | 14 | 3.05 | 3.02 | 99.02 | 59.83 | | 59.50 | 62.15 | 2.65 | 58.76 | 61.41 | | SST | parallel to core, several very thin shale beds | Py As | Tr Tr | Cal | 2.00 | W6 | 1mm sh bed | SS | 20 | 1.32 | 97.00 | R7 | Excellent |
| RAV06-001C | | | | | | | 62.15 | 62.52 | 0.37 | 61.41 | 61.78 | | SST | Part of the above Interval | AS | | | | | | | | | | | |
| RAV06-001C | | | | | | 62.88 | 62.52 | 62.55 | | 61.78 | 61.81 | 0.03 | | Rock Loss | | | | | | | | | | | | |
| RAV06-001C | 14 | 2.97 | 2.89 | 97.31 | 62.88 | | 62.55 | 65.20 | 2.65 | 61.81 | 64.46 | | | As above SST | | | Cal | 2.00 | W6 | 1mm sh bed | Fr | 0 to 5 | 2.47 | 100.00 | R7 | Excellent |
| RAV06-001C RAV06-001C | | | | | | 65.85 | 65.20 65.44 | 65.44 65.52 | 0.24 | 64.46 64.70 | 64.70 64.78 | 0.08 | SST | Part of the above Interval Rock Loss | | | | | | | | | | | | |
| RAV06-001C | 15 | 2.97 | 2.94 | 98.99 | 65.85 | 03.03 | 65.52 | 68.18 | 2.66 | 64.78 | 67.44 | 0.00 | SST | As above SST | | | Cal | 1.00 | W6 | | Fr | 5 | 2.38 | 95.00 | R7 | Excellent |
| RAV06-001C | | | | | | | 68.18 | 68.46 | 0.28 | 67.44 | 67.72 | | SST | Part of the above Interval | | | | | | | | | | | | |
| RAV06-001C | | | | | | 68.82 | 68.46 | 68.49 | | 67.72 | 67.75 | 0.03 | | Rock Loss | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above, but the first meter is much courser grained. 10cm from bottom there Small fault. Rock flower & rubblely casts of SST, | | | | | | | | | | | | |
| RAV06-001C | 16 | 3.05 | 2.94 | 96.39 | 68.82 | | 68.49 | 71.11 | 2.62 | 67.75 | 70.37 | | SST | Getting finer toward the bottom. | _ | | Cal | 1.00 | W6 | | Fault | 3 | 0.32 | 100.00 | R7 | Excellent |
| RAV06-001C | | | | | | | | | | | | | | · · | | | | | | | Fr | 70 | 0.32 | | | |
| RAV06-001C | | | | | | | | | | | | | | | | | | | | | Fr | 5 | 1.60 | | | |
| RAV06-001C RAV06-001C | | | | | | 71 97 | 71.11 71.43 | 71.43 71.54 | 0.32 | 70.37 70.69 | 70.69 70.80 | 0.11 | 551 | Part of the above Interval Rock Loss | | | | | | | | | | | | |
| 100-001C | | | | | | 7 1.07 | 71.40 | 7 1.J 4 | | 10.00 | 70.00 | 0.11 | | SST as above, but broken, rubbley in spots. Calcite veins Along the | | | | | | | | | | | | |
| RAV06-001C | 17 | 3.05 | 2.94 | 96.39 | 71.87 | | 71.54 | 74.11 | 2.57 | 70.80 | 73.37 | | | length of the core. Iron staining | Hm | 1.00 | Cal | 1.00 | W6 | | Fr | 0 | 1.60 | 72.00 | R7 | Fair |
| RAV06-001C | | | | | | | 74.11 | 74.48 | 0.37 | 73.37 | 73.74 | 0.4: | SST | Part of the above Interval | | | | | | | | | | | | |
| RAV06-001C RAV06-001C | 18 | 3.05 | 2.73 | 89.51 | 74.92 | 74.92 | 74.48 74.59 | 74.59 75.54 | 0.95 | 73.74 73.85 | 73.85 74.80 | 0.11 | SST | Rock Loss As above SST | Hm | 0.50 | Cal | 0.50 | W6 | | SS | 15 to 25 | 2.10 | 30.00 | R7 | Fair |
| 10AV00-001C | 10 | 3.00 | 2.13 | 03.01 | 14.32 | | 74.08 | 73.34 | 0.90 | 13.00 | 74.00 | | 331 | Interbedded SST & SLT, SH beds. Mottled SLT: med. to fine, BCN 5 | | 0.50 | Gai | 0.00 | VVO | | - 00 | 13 10 23 | 2.10 | 30.00 | IVI | ull |
| | | | | | | | | | | | | | | to 10, SST: Coarse to med., grey-white, well sorted, subrounded SH | | | | | | | | | | | | |
| RAV06-001C | | | | | | | 75.54 | 77.10 | 1.56 | 74.80 | 76.36 | 0.55 | SST/SL | blk & massive | - | | | | W6 | 1 to 3cm | Fault | 5 to 10 | 0.64 | 60.00 | R6 | Fair |
| RAV06-001C RAV06-001C | | | | | | 77.07 | 77.10 77.42 | 77.42 77.64 | 0.22 | 76.26 | 76 F0 | 0.32 | QП | Rock Loss Black, massive, minor coal spars, 1coal bed. (1cm thick), | | | Cal | 1.00 | W6 | 1 cm cool | 99 | 15 to 20 | 0.00 | 68 00 | R6 | Fair |
| KAVUD-UUTC | | | | | | 11.97 | 11.42 | 77.64 | 0.22 | 76.36 | 76.58 | | SH | Grey, medium grained massive, numerous Small calcite veinlets | | | Gai | 1.00 | VVO | 1 cm coal | SS | 15 to 20 | 9.09 | 68.00 | NΟ | all |
| RAV06-001C | 19 | 3.05 | 3.05 | 100.00 | 77.97 | | 77.64 | 79.61 | 1.97 | 76.58 | 78.55 | SLT | SLT | BCN-10 to 15 | - | | Cal | 2.00 | W6 | Massive | | | | 100.00 | R7 | Excellent |
| RAV06-001C | | | | | | | 79.61 | 79.71 | 0.10 | 78.55 | 78.65 | | SLT | Part of above unit. Roof Sample | | | | ID 002 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | DH ID | Run# (| CoreDrilled(m) | Core Rec'd | Percent | Driller's | Depth | Writte | en Loa | Ic | Corrected | | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--|--------------|---------|----------------|------------|-----------|-----------|--------|--------|--------|--------|-----------|--------|-----------|----------|--|------------|--------------|------|-------------------|-------------|------------|-------------|---|---------|-------|--------|----------|-----------|
| Part | B11_1B | rtuir " | OoroDimou(iii) | COIC NOOU | Recovered | From | | FROM | TO | Length | | TO (| Core Loss | LITH | Description | Sulphic | ide Minerals | % C | arbonate Minerals | % Sample ID | Weathering | | | Dip/BCN | | RQD | Strength | Quality |
| Part | | | | | | | | | | | • | • | | | Bright and dull (Mostly bright). Calcite on cleat faces, Pyrite smears | 3 | | | | | | | | | | | | |
| Part | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Property Series 1985 198 | RAV06-001C | | | | | | | 79.71 | 80.16 | 0.45 | 78.65 | 79.10 | | Coal | · · | | Ру | 2.00 | Cal | 2.00 ID 001 | W6 | 1 to 2cm | | | | 100.00 | R2 | Excellent |
| Property state 1 | RAV/06-001C | | | | | | | 80.16 | 80.27 | 0.11 | 70 10 | 70 21 | | Clay | | | _ | | | ID 003 | W6 | | | | | 0.00 | R2 | Good |
| Part | | | | | | | | | | | | | | , | _ · | | | | Cal | | | Massive | | | | | | |
| Part | | | | | | | 81.02 | | | | | | | | | | | | | | | | | | | | | |
| Property | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Professor Prof | | 20 | 2.97 | 2.95 | 99.33 | 81.02 | | 80.69 | 83.29 | 2.60 | 79.63 | 82.23 | | SLT/SH | rounded, SH: Black, massive, 60% SLT, 40% SH | | - | | Cal | 1.00 | W6 | 1cm | | | | 60.00 | R6 | Good |
| Part | | | | | | | | 92.20 | 92.64 | 0.25 | ວາ າາ | 02 E0 | | CI T/CU | Part of the above Interval | | | | | | | | Fr | 0 to 5 | 0.68 | | | |
| See 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | | | | | | | 83 99 | | | 0.55 | | | 0.02 | SLI/SH | | | | | | | | | | | | | | |
| Part | 101000000 | | | | | | 00.00 | 00.04 | 00.00 | | 02.00 | 02.00 | 0.02 | | |) | | | | | | | | | | | | |
| Part | RAV06-001C | 21 | 3.00 | 3.00 | 100.00 | 83.99 | | 83.66 | 86.22 | 2.56 | 82.60 | 85.16 | | SST | Fractures running the length of the core | | - | | Cal | 1.00 | W6 | | Fr | 90 | 1.31 | 55.00 | R7 | Fair |
| Property Service 1 | | | | | | | 86.99 | | | | | | | | | | | | | | | | | | | | | |
| Mary Control 1 | | 22 | 2.97 | 2.96 | 99.66 | 86.99 | | 86.66 | 89.19 | 2.53 | 85.60 | 88.13 | | SST | As above, except for the run is entirely course grained | | | | Cal | Tr | W6 | | | | | 91.00 | R7 | Fair |
| See 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | | | | | | | | 89 19 | 89 62 | 0.43 | 88 13 | 88 56 | | SST | Part of the above Interval | | | | | | | | FI | Э | 1.69 | | | |
| Part | | | | | | | 89.96 | | | 0.10 | | | 0.01 | | | | | | | | | | | | | | | |
| Marche M | RAV06-001C | 23 | 2.97 | 2.91 | 97.98 | 89.96 | | 89.63 | 92.23 | 2.60 | 88.57 | 91.17 | | SST | AS above, one piece of core | | | | Cal | Tr | W6 | | | | | 100.00 | R7 | Excellent |
| Part | | | | | | | | | | 0.31 | | | | SST | | | | | | | | | | | | | | |
| According to the control of the cont | | 24 | 2 20 | 2.27 | 00.70 | 02.02 | 92.93 | | | 1 10 | | | 0.06 | ССТ | | | | | Cal | т. | Me | | Er. | 0 | 1.00 | 100.00 | D7 | Evacllant |
| Part | | 24 | 2.30 | 2.21 | 90.70 | 92.93 | | | | | | | | | | | | | | ** | | 1 to 2 cm | Fr | 2 | | | | Excellent |
| Marche M | | | | | | | | | | | | | | | | | | | ou. | | | . 10 2 0 | • | _ | 2.00 | 01.00 | • • • • | 2,000,011 |
| Property color | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part | | | | | | | | | | | | | | | | | | | | _ | | | _ | | | | | |
| Part | | | | | | | 05.00 | | | 0.29 | | | | SLT/SST | | ve | - | | Cal | Tr | W6 | 1 to 2 cm | Fr | 3 | 6.80 | 55.00 | R7 | Good |
| Marchan Marc | | 25 | 2 97 | 2 92 | 98 32 | 95 23 | 95.23 | | | 1 18 | | | | SI T/SST | | | Pv | Tr | Cal | 1.00 | W6 | 1 to 2 cm | Fr | 0 | 1 69 | 100.00 | R7 | Excellent |
| AMAZIONI I I I I I I I I I I I I I I I I I I | 101000000 | 20 | 2.07 | 2.02 | 00.02 | 00.20 | | 04.00 | 00.00 | 1.10 | 00.04 | 00.02 | | 0217001 | | | . , | | Oui | 1.00 | **** | 1 10 2 0111 | • | | 1.00 | 100.00 | 147 | Exocuent |
| According 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | RAV06-001C | | | | | | | 96.08 | 96.65 | 0.57 | 95.02 | 95.59 | | SLT | | | Py | Tr | | Tr | W6 | | Fr | 3 | 3.50 | 94.00 | R7 | Excellent |
| Note | RAV06-001C | | | | | | | 96.65 | 96.99 | 0.34 | 95.59 | 95.93 | | SST | | | Py | Tr | Cal | Tr | W6 | | Fr | 3 | 5.90 | 91.00 | R7 | Excellent |
| Property color Prop | DAV/00 0040 | | | | | | | 00.00 | 07.45 | 0.40 | 05.00 | 00.00 | | OL T | | | D. | 4.00 | 0-1 | т. | 14/0 | 4 | F16 | 50 | 4.00 | 05.00 | D.7 | E |
| Marke Mark | | | | | | | | | | | | | | | | | Ру | 1.00 | Cai | Ir | VV6 | 1mm snale | Fault | 50 | 1.20 | 85.00 | R/ | Excellent |
| RAMONE Column Fig. Col | | | | | | | 98.20 | | | 0.57 | | | 0.05 | SLI | | | | | | | | | | | | | | |
| Notice of the content | | 26 | 2.97 | 2.95 | 99.33 | 98.20 | | | | 1.97 | | | | SLT/SH | | | | | Cal | Tr | W6 | | Fr | 0 to 10 | 4.06 | 93.00 | R7 | Excellent |
| RAVINGACIC 7 1.55 1.29 191.79 10.02 10.03 | | | | | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | Ру | Tr | Cal | Tr | W6 | >1cm | Fr | 5 to 10 | >1cm | 70.00 | R7 | Excellent |
| Section Sect | | | | | | | 101.17 | | | 0.45 | | | 0.00 | SLT/SH | | | | | | | | | | | | | | |
| RAVISE OFFICE 1 | | 27 | 3.05 | 3.02 | 00.02 | 101 17 | 101.17 | | | 1.40 | | | 0.02 | SI T/SH | | | Dv | 1.00 | Cal | Tr | We | >1mm | Er | 5 | 2.86 | 100.00 | D7 | Good |
| RAVINGE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 21 | 3.03 | 3.02 | 99.02 | 101.17 | | | | | | | | | | | • | | | ** | | >1111111 | - 11 | J | 2.00 | | | |
| RAMO-BOOL 1942 1948 1942 1948 1942 1948 1942 1948 1942 1948 1942 1948 1944 1942 1948 | | | | | | | | | | | | | | | | | | | | | | >1cm | Fr | 5 | 9.48 | | | |
| RAVIGEORIC 28 29 29 29 104 104 104 105 104 105 104 105 104 105 104 105 104 105 104 105 104 105 1 | | | | | | | | | | 0.75 | | | | SLT/SH | Part of the above Interval | | | | | | | | | | | | | |
| RAMO-DOTC 28 27 28 28 78 10 12 13 13 13 13 13 13 13 | RAV06-001C | | | | | | 104.22 | 103.86 | 103.89 | | 102.80 | 102.83 | 0.03 | | 004/1-1 | | | | | | | | | | | | | |
| RAVIGEORIC 10.25 1 | RAV/06-001C | 28 | 2 97 | 2 90 | 97.64 | 104.22 | | 103.80 | 104.94 | 1.05 | 102.83 | 103.88 | | SST | | l i | _ | | | | We | | Fr | 1 | 0.95 | 100.00 | R7 | Excellent |
| RAVIGEORIC 29 297 288 9630 10.19 10.603 10.605 10.513 10.50 10.513 10.505 10.513 10.505 10.513 10.505 10.513 10.505 10.510 10.513 10.513 10.510 10.513 10.510 10.513 10.510 10.513 10.51 | | 20 | 2.07 | 2.00 | 07.04 | 104.22 | | | | | | | | | | | | | Cal | Tr | | | | 4 | | | | Excellent |
| RAVG-GOTC 29 2.97 2.86 96.30 107.99 106.86 106.72 10.03 105.07 10.07 10.03 10.03 10.07 10.07 10.03 10.03 10.07 10.07 10.03 10.03 10.05 10. | | | | | | | | 106.25 | 106.79 | 0.54 | 105.19 | 105.73 | | SLT | | | | | | | | | | | | | | |
| RAVGGOTC 100.16 100.72 105.06 108.06 1 | | | | | | | 107.19 | | | | | | 0.07 | | | | | | | | | | | | | | | |
| RAVIGE-ONC | | 29 | 2.97 | 2.86 | 96.30 | 107.19 | | | | | | | | | | | | | Cal | Tr | W6 | | Fr | 3 | 2.10 | 100.00 | R7 | Excellent |
| RAV06-001C 30 | | | | | | | 110 16 | | | 0.56 | | | 0.11 | SLI | | | | | | | | | | | | | | |
| RAV06-001C 30 2.89 2.89 10.00 10.16 10.08 112.06 12.07 11.05 12.07 11.06 12.27 13.05 112.06 12.27 13.05 112.06 12.27 13.05 112.07 13.05 12 | 101000000 | | | | | | 110.10 | 100.72 | 100.00 | | 100.00 | 100.77 | 0.11 | | | | | | | | | | | | | | | |
| RAV06-001C 31 3.05 2.78 91.5 13.05 112.0 112.72 13.47 0.75 111.68 112.41 11.68 SST/SH Part of the above Interval RAV06-001C 31 3.05 2.78 91.5 13.05 113.05 112.72 113.47 0.75 111.68 112.41 112.51 SST/SH As above SST/SH Part of the above Interval RAV06-001C 113.07 113.0 | | | | | | | | | | | | | | | massive, less 1han 1mm thick wispy sh stringers BCN for SH is 10 | | | | | | | | | | | | | |
| RAVG6-001C 31 3.05 2.78 91.15 113.05 113.72 113.47 0.75 111.66 112.41 12.51 SST/SH As above SST/SH Py 1.00 Cal Tr W6 >mm sh Fr 15 1.33 100.00 R7 Excell RAVG6-001C | | 30 | 2.89 | 2.89 | 100.00 | 110.16 | | | | | | | | | | | - | | Cal | 1.00 | W6 | >1mm sh | Fr | 10 | 6.23 | 100.00 | R7 | Excellent |
| RAV06-001C | | 21 | 2.05 | 2.70 | 01.15 | 112.05 | 113.05 | | | | | | | | | | Dv | 1.00 | Cal | т. | Me | - 1mm oh | Er. | 15 | 1 22 | 100.00 | D7 | Evacllant |
| Bight and dull / black Vitreous orthorhombic cleats, 1 to 2 cm thick, 5 Mudstone parings that are 1 cm thick, 65 Mudstone parings that are 1 cm thick, 66 Mudstone, that the paring along parallel along the Core, (very thin). RAVIGE-001C | | 31 | 3.05 | 2.76 | 91.15 | 113.05 | | | | | | | | | | | РУ | 1.00 | Cai | | VVO | > mm sn | FI | 15 | 1.33 | 100.00 | K/ | Excellent |
| Mudstone partings that are 1 cm thick, 80% bright, 20% dull, 0.33 cm of the seam is broken, but the dull layers are still irract. Calcite RAV06-001C RAV06 | 10,1700,0010 | | | | | | | 110.41 | 110.07 | 0.10 | 112.71 | 112.01 | | 001/011 | | , 5 | | | | 15 004 | | | | | | | | |
| RAV06-001C | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAV06-001C | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAV06-001C | | | | | | | | | | 0.72 | | | 0.07 | Coal | | | Ру | 1.50 | Cal | 1.00 ID 005 | W6 | 1 to 2cm | Fr | 5 | 27.77 | 54.00 | R2 | Fair |
| RAV06-001C | | | | | | | | | | 0.07 | | | _ | SLT | | | Dv | 1.00 | Cal | 1.00 ID.006 | We | >1mm | | | | | Po | Fair |
| RAV06-001C 32 2.21 2.15 97.29 116.10 115.24 115.77 0.53 114.18 114.71 SLT Part of the above Interval Grey/white, course grained, well rounded, Massive, very hard, and Solid, Several very Beds (wispy) 10 BCN Cal Tr W6 Fr 5 0.46 100.00 R7 Excellent RAV06-001C 118.31 117.92 118.43 118.69 0.45 118.63 118.69 0.66 117.37 117.63 118.43 118.69 0.60 117.63 118.23 118.69 0.60 117.63 118 | | | | | | | | | | | | | _ | | | | | | | | | >1111111 | Fr | 5 | 3.50 | 100.00 | | |
| RAV06-001C 32 2.21 2.15 97.29 116.10 115.77 117.92 2.15 114.71 116.86 solid. Several very Beds (wispy) 10 BCN. RAV06-001C 118.31 117.92 117.98 118.43 0.45 116.92 0.06 Rock Loss RAV06-001C 31 1.31 1.31 1.31 1.31 1.31 1.31 1.31 | | | | | | | 116.10 | | | | | | | | | | . , | | | | | | | | | | | |
| RAV06-001C 33 1.31 1.31 100.00 118.31 117.92 117.98 116.86 116.92 0.06 Rock Loss RAV06-001C 33 1.31 1.31 100.00 118.31 117.92 118.43 118.43 0.45 116.92 117.37 SST As above SST RAV06-001C 34 3.05 2.93 96.07 119.62 119.69 119.29 0.60 117.63 118.23 RAV06-001C 34 3.05 2.93 96.07 119.62 119.69 119.29 119.56 0.27 118.23 118.50 SLT/SH Interbedded SLT &SH with 3 vugs Calcite forming around the edges Interbedded SST & SH SST: coarse grained to medium well rounded, grey & white fining toward bottom, but the last 40 cm is coarsens up. RAV06-001C | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAV06-001C | | 32 | 2.21 | 2.15 | 97.29 | 116.10 | 410.51 | | | 2.15 | | | 0.00 | | , | | - | | Cal | Tr | W6 | | Fr | 5 | 0.46 | 100.00 | R7 | Excellent |
| RAV06-001C 119.62 118.43 118.69 0.26 117.37 117.63 118.23 119.62 119.62 119.69 0.60 117.63 118.23 118.69 0.26 117.37 117.63 118.23 118.69 0.26 117.63 118.23 118.69 0.26 117.63 118.23 118.69 0.26 118.23 118.23 118.69 0.26 118.23 118.23 118.69 0.26 119.29 0.60 117.63 118.23 118.69 0.26 119.29 0.60 117.63 118.23 118.69 0.26 119.29 0.60 117.63 118.23 118.69 0.26 119.29 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6 | | 33 | 1 21 | 1 21 | 100.00 | 119 21 | 118.31 | | | 0.45 | | | 0.06 | CCT | | | | | | | Me | | | | | 100.00 | P7 | Evcellent |
| RAV06-001C 119.62 118.69 119.29 0.60 117.63 118.23 RAV06-001C 34 3.05 2.93 96.07 119.62 119.29 119.56 0.27 118.23 118.50 SLT/SH Interbedded SLT &SH with 3 vugs Calcite forming around the edges RAV06-001C RAV06-001C 119.65 121.30 122.22 0.92 120.24 121.16 | | - 33 | 1.31 | 1.31 | 100.00 | 110.31 | | | | | | | | 331 | 7.0 0.0000 0.01 | | | | | | VVO | | | | | 100.00 | IXI | LYCCHGIII |
| RAV06-001C 34 3.05 2.93 96.07 119.62 119.29 119.56 0.27 118.23 118.50 SLT/SH Interbedded SLT &SH with 3 vugs Calcite forming around the edges RAV06-001C RAV06-001C 119.56 121.30 122.22 0.92 120.24 121.16 RAV06-001C SLT/SH Interbedded SLT &SH with 3 vugs Calcite forming around the edges Cal 1.00 W6 Fr 1 1.67 92.00 R7 Excelled SST & SH SST: coarse gained to medium well rounded, grey & white fining toward bottom, but the last 40 cm is coarsens up. SST/SH SST: coarse gained to medium well rounded, grey & white fining toward bottom, but the last 40 cm is coarsens up. Cal 1.00 W6 Fr 1 to 5 4.80 90.00 R7 Good RAV06-001C | | | | | | | 119.62 | | | | | | | | | | | | | | | | | | | | | |
| Interbedded SST & SH SST: coarse grained to medium well rounded, grey & white fining toward bottom, but the last 40 cm is coarsens up. RAV06-001C 119.56 121.30 1.74 118.50 120.24 SST/SH RAV06-001C 121.30 122.22 0.92 120.24 121.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fining toward bottom, but the last 40 cm is coarsens up. RAV06-001C 119.56 121.30 1.74 118.50 120.24 SST/SH RAV06-001C 121.30 122.22 0.92 120.24 121.16 | RAV06-001C | 34 | 3.05 | 2.93 | 96.07 | 119.62 | | 119.29 | 119.56 | 0.27 | 118.23 | 118.50 | | SLT/SH | | | | | Cal | 1.00 | W6 | | Fr | 1 | 1.67 | 92.00 | R7 | Excellent |
| RAV06-001C 119.56 121.30 1.74 118.50 120.24 SST/SH Cal 1.00 W6 Fr 1 to 5 4.80 90.00 R7 Good RAV06-001C 121.30 122.22 0.92 120.24 121.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RAV06-001C | | | | | | | 119.56 | 121.30 | 1.74 | 118.50 | 120.24 | | SST/SH | g consideration, but the last to only a coalectic up. | | | | Cal | 1.00 | W6 | | Fr | 1 to 5 | 4.80 | 90.00 | R7 | Good |
| RAV06-001C 122.67 122.22 122.34 121.16 121.28 0.12 Rock Loss | | | | | | | | | | 0.92 | | | | | | | | | | | | | | | | | | |
| | RAV06-001C | | | | | | 122.67 | 122.22 | 122.34 | | 121.16 | 121.28 | 0.12 | | Rock Loss | | | | | | | | | | | | | |

| DH_ID | Run# (| CoreDrilled(m) | Core Rec'd | Percent | Driller's | Depth | Writter | n Log | | Corrected | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|--------|----------------|------------|-----------|-----------|------------------|------------------|------------------|--------------|------------------|------------------|-----------|------------------|---|-------------------|---------|----------------|-------------|------------|-------------------|----------|----------|---------|--------|----------|------------|
| | | | | Recovered | From | TO | FROM | TO | Length | FROM | TO (| Core Loss | LITH | Description | Sulphide Minerals | % Carbo | onate Minerals | % Sample ID | Weathering | Spacing | Туре | Dip/BCN | Freq/M | RQD | Strength | Quality |
| RAV06-001C | 35 | 3.05 | 3.05 | 100.00 | 122.67 | 105.70 | 122.34 124.16 | 124.16 125.39 | 1.82 1.23 | 121.28 123.10 | 123.10 124.33 | | | Grey/white, coarse grained, well sorted, coal spars, and one thin (1cm thick) coal bed Part of the above Interval | Ру | Tr | Cal | Tr | W6 | >1mm SH | Fr | 10 | 0.55 | 100.00 | R7 | Excellent |
| RAV06-001C | | | | | | 125.72 | 124.10 | 125.39 | 1.23 | 123.10 | 124.33 | | 331 | As above SST, but no coal stringers A few thin SH beds BCN of SH: | : | | | | | | | | | | | |
| RAV06-001C | 36 | 3.05 | 3.05 | 100.00 | 125.72 | | 125.39 | 127.24 | 1.85 | 124.33 | 126.18 | | | 10. | - | | Cal | Tr | W6 | >1mm SH | Fr | 0 | 0.67 | 100.00 | R7 | Excellent |
| RAV06-001C | 37 | 3.05 | 2.05 | 06.70 | 100.77 | 128.77 | | 128.44 | 1.20 | 126.18 | 127.38 129.24 | | | Part of the above Interval As above SST | | | Cal | 4.00 | W6 | | F- | 20 | 0.68 | 100.00 | D7 | Excellent |
| RAV06-001C RAV06-001C | 31 | 3.05 | 2.95 | 96.72 | 128.77 | | 128.44 130.30 | 130.30 131.39 | 1.86 1.09 | 127.38 129.24 | 130.33 | | | Part of the above Interval | | | Cai | 1.00 | VVO | | Fr | 20 | 0.00 | 100.00 | K/ | Excellent |
| RAV06-001C | | | | | | 131.82 | | 131.49 | | 130.33 | 130.43 | 0.10 | | Rock Loss | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SST, but with coal spars, Material, calcite veins running along Core. Crushed & rubblely, calcite Running along fracture | | | | | | | _ | | | | | |
| RAV06-001C | 38 | 3.05 | 2.92 | 95.74 | 131.82 | | 131.49 | 132.16 | 0.67 | 130.43 | 131.10 | | SST | surfaces Thinly interbedded SLT & SH, SH: >1mm thick, black, massive, BCN | Py J | 1.00 | Cal | 1.00 | W6 | | Fr | 65 | 8.95 | 51.00 | R7 | Fair |
| RAV06-001C | | | | | | | 132.16 | 132.26 | 0.10 | 131.10 | 131.20 | | SLT/SH | As above SST, but it is more fractured, Plant material. Large calcite chunks mixed in Calcite along fracture faces. Strange brown alteration on Fracture faces. Fractures filled with calcite and rock | Ру | 1.00 | Cal | 1.00 | W6 | >1cm | Fr | 60 | <100 | 0.00 | R6 | Poor |
| RAV06-001C | | | | | | | 132.26 | 133.09 | 0.83 | 131.20 | 132.03 | | | flower. | Ру | 2.00 | Cal | 2.00 | W5 | | Fr | 60 to 90 | 9.30 | 34.00 | R7 | Poor |
| RAV06-001C | | | | | | 10107 | 133.09 | 134.41 | 1.32 | 132.03 | 133.35 | 0.40 | SST | Part of the above Interval | | | | | | | | | | | | |
| RAV06-001C RAV06-001C | 30 | 2.71 | 2.71 | 100.00 | 134.87 | 134.87 | 134.41 134.54 | 134.54 136.36 | 1.82 | 133.35 133.48 | 133.48 135.30 | 0.13 | SST | Rock Loss As above SST. But with thin (>1mm) Shale @ a BCN of 5 degrees. | Py | 1.00 | Cal | 2.00 | W6 | >1mm shale | Fr | 90 | 7.38 | 68.00 | R7 I | Fair |
| RAV06-001C | 39 | 2.11 | 2.7 1 | 100.00 | 134.07 | 137.58 | 136.36 | 137.25 | 0.89 | 135.30 | 136.19 | | | Part of the above Interval | ГУ | 1.00 | Cai | 2.00 | VVO | > IIIIIII SIIale | - 11 | 90 | 7.50 | 00.00 | IXI | all |
| | | | | | | | | | | | | | | As above, but there is a carboneous layer 1.12m from the top of the | | | | | | | | | | | | |
| RAV06-001C | 40 | 3.05 | 2.93 | 96.07 | 137.58 | | 137.25 | 139.04 | 1.79 | 136.19 | 137.98 | | SST | run. BCN for SH is 15 degrees | Ру | 1.00 | Cal | 2.00 | W6 | >1mm shale | Fr | 90 | 0.68 | 56.00 | R7 | Fair |
| RAV06-001C RAV06-001C | | | | | | | 139.04 | 140.18 | 1.14 | 137.98 | 139.12 | | SST | Part of the above Interval | | | | | | | Fr | 3 to 5 | 6.80 | | | |
| RAV06-001C | | | | | | 140.63 | 140.18 | 140.30 | 1.14 | 139.12 | 139.24 | 0.12 | 001 | Rock Loss | | | | | | | | | | | | |
| RAV06-001C | 41 | 2.83 | 2.83 | 100.00 | 140.63 | | 140.30 | 142.57 | 2.27 | 139.24 | 141.51 | | SST | Same as above, but with SH beds @ a BCN 10 degrees. | Ру | 1.00 | Cal | 1.00 | W6 | >1mm shale | Fr | 90 | 0.70 | 61.00 | R7 I | Fair |
| RAV06-001C | | | | | | 4.40.40 | 4.40.57 | 440.40 | 0.50 | 444.54 | 440.07 | | 007 | | | | | | | | Fr | 0 | 9.80 | | | |
| RAV06-001C RAV06-001C | 42 | 1.10 | 1.10 | 100.00 | 143.46 | 143.46 144.56 | 142.57 | 143.13 144.23 | 0.56 1.10 | 141.51 142.07 | 142.07 143.17 | | | Part of the above Interval As above SST | | | Cal | 2.00 | W6 | >1mm shale | Fr | 0 | 9.80 | 84.00 | R6 I | Fair |
| RAV06-001C | 43 | 0.61 | 0.00 | 0.00 | 144.56 | 144.00 | | 144.31 | 1.10 | 143.17 | 143.25 | 0.08 | 001 | Rock Loss | | | Oui | 2.00 | **** | > TITILIT GITGIO | • • | Ŭ | 0.00 | 04.00 | 110 | un |
| | | | | | | | | | | | | | | Coal Loss. The cuttings are coal. Black vitreous chunks of coal | | | | | | | | | | | | |
| RAV06-001C | | | | | | 445.47 | 144.31 | 144.61 | | 143.25 | 143.55 | 0.30 | | mixed in with dull chunks of coal. | | | | | | | | | | | | |
| RAV06-001C RAV06-001C | 44 | 1.37 | 0.52 | 37.96 | 145.17 | 145.17 | 144.61 144.84 | 144.84 145.09 | | 143.55 143.78 | 143.78 144.03 | 0.23 | | Rock Loss Rock Loss | | | | | | | | | | | | |
| RAV06-001C | 77 | 1.57 | 0.52 | 37.30 | 140.17 | | 145.09 | 145.16 | 0.07 | 144.03 | 144.10 | 0.23 | SH | Roof Sample Black massive | Py | 1.00 | Cal | 1.00 ID 007 | W6 | | Fr | 1 to 3 | 14.30 | 0.00 | R6 | Poor |
| | | | | | | | | | | | | | | Broken chunks of bright and dull coal. Pyrite and calcite on cleat | , | | | | | | | | | | | |
| RAV06-001C | | | | | | | 145.16 | 145.30 | 0.14 | 144.10 | 144.24 | | Coal | faces. Very thinly bedded | Ру | 1.00 | Cal | 1.00 ID 008 | W6 | >1.5mm | Fr | | | 0.00 | R2 | Poor |
| RAV06-001C | | | | | | | 145.30 | 145.61 | 0.31 | 144.24 | 144.55 | | Coal | Black, bright & dull, very thinly bedded. 80% bright, 20% dull, Vitreous sheen, Bright-soft, dull-hard, Sulphide and Calcite smears along fracture faces. The coal is light in weight. The cuttings from 148.16-149.53 were collected from the discharge pipe. | Py | 1.00 | Cal | 1.00 ID 008 | W6 | >1.5mm | Fr | 1 to 3 | 6.45 | 43.00 | R2 (| Good |
| RAV06-001C | | | | | | | 145.61 | 146.09 | | 144.55 | 145.03 | 0.48 | | Coal Loss | ., | | | | | | | | | | | |
| RAV06-001C | | | | | | 146.54 | 146.09 | 146.21 | | 145.03 | 145.15 | | | Coal Loss | | | | | | | | | | | | |
| RAV06-001C | 45 | 3.05 | 2.81 | 92.13 | 146.54 | | 146.21 | 146.45 | | 145.15 | 145.39 | 0.24 | | Coal Loss Black, vitreous sheen, bright & dull. Two 0.5 cm ash layers. First 5 cm broken & crushed. The first 5cm is 50% coal & 50% SH. Visible | | | | | | | | | | | | |
| RAV06-001C | | | | | | | 146.45 | 146.66 | 0.21 | 145.39 | 145.60 | | Coal | calcite veins throughout whole unit. | Py | 1.50 | Cal | 1.00 ID 008 | W6 | >1.5mm | Fr | 20 | 9.50 | 0.00 | | Fair |
| RAV06-001C | | | | | | | 146.66 | 146.80 | 0.14 | 145.60 | 145.74 | | | Floor Sample Black, massive, coal spars, calcite veinlets Greyish white, med to coarse, thin coal beds > 1mm, thin SH beds >1mm, 95% SST, 4% 1% coal, disseminated Pyrite and calcite on fracture faces, plant material through out, first 11cm are broken | Ру | 1.00 | Cal | 1.00 ID 009 | W6 | | Fr | 25 | 14.30 | 0.00 | R6 | Fair |
| RAV06-001C | , - | | | | | 149.59 | | 149.26 | | | 148.20 | | | Crushed. | | 1.00 | Cal | 1.00 | | 1mm shale | | 15 | 0.40 | | R7 (| |
| RAV06-001C | 46 | 3.05 | 2.96 | 97.05 | 149.59 | | 149.26 | 149.46 | 0.20 | 148.20 | 148.40 | | SST | As above SST Interbedded SLT & SH, massive, SH: 0.5-1cm beds, BCN 0 to 5, | Ру | 1.00 | Cal | Tr | W6 | 0.5 to 1 cm | Fr | 0 | 5.00 | 100.00 | R/ | Excellent |
| RAV06-001C | | | | | | | 149.46 | 152.22 | 2.76 | 148.40 | 151.16 | | SLT/SH | mottled over entire run, 80% SLT 20% SH. | - | | | | W6 | 1 to 2 cm | | | | 92.00 | R7 | Excellent |
| RAV06-001C | | | | | | 152.64 | | 152.31 | | 151.16 | 151.25 | 0.09 | | Rock Loss | | | | | | | | | | | | |
| RAV06-001C | 47 | 1.52 | 1.51 | 99.34 | 152.64 | 45440 | 152.31 | 153.82 | 1.51 | 151.25 | 152.76 | | SLT/SH | As above SLT/SH | Ру | 1.00 | Cal | 2.00 | W6 | 0.5 to 1 cm | Fr | 5 to 10 | 5.96 | 91.00 | R7 (| Good |
| RAV06-001C | 48 | 3.05 | 3.01 | 98.69 | 154.16 | 154.16 | 153.82 153.83 | 153.83 155.34 | 1.51 | 152.76 152.77 | 152.77 | | SST/SH | Rock Loss SST: Med. to course grained well rounded, massive, 2.50m into a fault filled with 1 cm thick calcite. SH: 5 to 10 BCN | Py | 1.00 | Cal | 2.00 | W6 | 0.5 to 1 cm | Fr | Fault | 85.00 | 0.66 | R7 (| Good |
| RAV06-001C | -10 | 0.00 | 0.01 | 00.00 | 10-7.10 | | 700.00 | 100.04 | 1.01 | 102.11 | 10 1.20 | | 301/011 | Take the state of | | 1.00 | Jui | 00 | VVO | 3.0 10 1 0111 | | Fr | 5 to 10 | | 1.0 | C300 |
| RAV06-001C | | | | | | | 155.34 | 156.84 | 1.50 | 154.28 | 155.78 | | SST/SH | Part of the above Interval | | | | | | | | | - | - | | |
| RAV06-001C | | | | | | 157.21 | 156.84 | 156.88 | | 155.78 | 155.82 | 0.04 | | Rock Loss | | | | | | | | | | | | |
| RAV06-001C | 49 | 3.05 | 2.93 | 96.07 | 157.21 | | 156.88 | 157.53 | 0.65 | 155.82 | 156.47 | | SST | Grey/white/black, coarse grained, well Rounded, well sorted, SH stringers, and plant material | _ | | Cal | Tr | W6 | >0.5mm | Fr | 10 | 4.63 | 89.00 | R7 | Excellent |
| KAV00-001C | 43 | 3.03 | 2.93 | 30.07 | 137.21 | | 130.00 | 107.00 | 0.03 | 155.02 | 130.47 | | 331 | Stilligers, and plant material | | | Cai | 11 | VVO | 20.3 11111 | - 11 | 10 | 4.03 | 09.00 | IXI | LACCHETIC |
| RAV06-001C RAV06-001C | | | | | | | 157.53 158.21 | 158.21 159.81 | 0.68 1.60 | 156.47 157.15 | 157.15 158.75 | | | SLT: greyish white, fine grained Well sorted, mottled appearance, SH: massive, coal spars, sulphides & Smears along fracture faces. Towards bottom of run. Part of the above Interval | Ру | Tr | Cal | 1.00 | W6 | 1 to 4 mm | Fr | 10 | 3.07 | 100.00 | R7 | Excellent |
| RAV06-001C | FO | 0.05 | 0.00 | 07.05 | 100.00 | 160.26 | 159.81 | 159.93 | 0.40 | 158.75 | 158.87 | | CI T/CI | Rock Loss | | | Cod | 1.00 | 14/0 | 0.545.4 | F | 00 | 6.05 | 62.00 | D7 | Cood |
| RAV06-001C | 50 | 3.05 | 2.96 | 97.05 | 160.26 | | 159.93 | 160.09 | 0.16 | 158.87 | 159.03 | | SLI/SH | As above SLT/SH, sharp contact with below unit. Grey white, coarse grained well sorted, massive. SH: 0.5mm to 1cm thick beds, Coal | | | Ca1 | 1.00 | W6 | 0.5 to 1 cm | Fľ | 20 | 6.25 | 63.00 | R7 (| Good |
| RAV06-001C | | | | | | | 160.09 | 161.29 | 1.20 | 159.03 | 160.23 | | | spars, plant material 30%SH. | Ру | 1.00 | Cal | 1.00 | W6 | 0.5 to 1 cm | Fr | 1 to 20 | 10.12 | 66.00 | R7 | Excellent |
| RAV06-001C RAV06-001C | | | | | | | 161.29 162.86 | 162.86 162.89 | 1.57 0.03 | 160.23 161.80 | 161.80 161.83 | | SST/SH SLT/SH | Part of the above Interval As above SLT/SH unit, BCN 10 degrees, Large mudstone clasts in SI T | _ | | Cal | Tr | W6 | .5mm | | | | 96.00 | R7 | Excellent |
| RAV06-001C | | | | | | 163.31 | 162.86 | 162.89 | 0.03 | 161.80 | 161.83 | | JLI/OH | Rock Loss | - | | Gai | 11 | VVO | JIIIII | | | | 90.00 | 137 | FVCGIIGLII |
| RAV06-001C | 51 | 2.04 | 2.04 | 100.00 | 163.31 | | 162.98 | 163.06 | 0.08 | 161.92 | 162.00 | | SLT/SH | As above unit | | | Cal | 1.00 | W6 | | Fr | 15 | 12.50 | 96.00 | R7 | Excellent |

| DH_ID | Run# (| CoreDrilled(m) | Core Rec'd | Percent | Driller's | Denth | Writte | en Loa | | Corrected | | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|---------|------------------|------------|-----------|-----------|--------|------------------|------------------|--------------|------------------|------------------|-----------|------------|---|---------|------------|------|------------------|-------------|-----------|---------------|---|----------|--------------|--------|----------|-----------|
| BH_IB | rtuii # | ore Drilled(III) | Cole Reed | Recovered | From | TO | FROM | - 3 | Length | FROM | TO C | Core Loss | LITH | Description | Sulphid | e Minerals | % Ca | rbonate Minerals | Sample ID | Weatherin | | | Dip/BCN | | RQD | Strength | |
| - | | | | | | | | | | | | | | Grey/white/black coarse grained well sorted, well rounded 5% thin | | | | | | | | | | | | | |
| RAV06-001C RAV06-001C | | | | | | | 163.06 | 164.37 | 1.31 | 162.00 | 163.31 | | SST | SH Beds (less than 1cm) BCN of SH: 12 | | - | | Cal | 1.00 | W6 | | Fr Fr | 18 65 | 4.08 0.51 | 96.00 | R7 | Excellent |
| RAV06-001C | | | | | | 165.35 | 164.37 | 165.02 | 0.65 | 163.31 | 163.96 | | SST | Part of the above Interval | | | | | | | | • | 05 | 0.51 | | | |
| | | | | | | | | | | | | | | Grey/White, coarse grained well sorted, well rounded, plant material | al, | | | | | | | | | | | | |
| RAV06-001C | 52 | 3.05 | 3.04 | 99.67 | 165.35 | | 165.02 | 165.49 | 0.47 | 163.96 | 164.43 | | SST | coal spars Interbedded SLT & SH, 60% SLT 40% SH, SLT light grey, fine | | - | | | | W6 | | | | | 100.00 | R7 | Excellent |
| | | | | | | | | | | | | | | grained, SH: greyish black, massive, very fine. BCN of SH is 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | degrees, Calcite Forming along fracture faces, (0.5 cm thick) Plant | | | | | | | | | | | | | |
| RAV06-001C RAV06-001C | | | | | | | 165.49 167.18 | 167.18 168.06 | 1.69 0.88 | 164.43 166.12 | 166.12 167.00 | | | material in shale Part of the above Interval | | Py | Tr | Cal | 1.00 | W6 | 0.5 to 1 cm | Fr | 10 to 15 | 1.56 | 97.00 | R7 | Excellent |
| RAV06-001C | | | | | | 168.40 | | 168.07 | 0.00 | 167.00 | 167.00 | | 3L1/311 | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above unit, But a more mottled in appearance. More coal spars, | | | | | | | | | | | | | |
| RAV06-001C | 53 | 3.08 | 2.77 | 89.94 | 168.40 | | 168.07 | 170.38 | 2.31 | 167.01 | 169.32 | | SI T/SH | plant material Calcite veinlets along fractures, several very thin coal layers, BCN 0 to 1 degrees | | Py | Tr | Cal | 1.00 | W6 | 0.5 to 1 cm | Fr | 10 to 15 | 2.88 | 88.00 | R6 | Good |
| RAV06-001C | 55 | 3.00 | 2.11 | 09.94 | 100.40 | | 170.38 | 170.84 | 0.46 | 169.32 | 169.78 | | | Part of the above Interval | | ГУ | - 11 | Cai | 1.00 | VVO | 0.5 to 1 Gill | - 11 | 10 10 13 | 2.00 | 00.00 | NO | Good |
| RAV06-001C | | | | | | | 170.84 | 170.96 | | 169.78 | 169.90 | 0.12 | | Rock Loss | | | | | | | | | | | | | |
| RAV06-001C | | | | | | 171.48 | 170.96 | 171.15 | | 169.90 | 170.09 | 0.19 | | Coal Loss As above unit After correction with the geophysical log this interval is | ic | | | | | | | | | | | | |
| RAV06-001C | 54 | 1.98 | 1.62 | 81.82 | 171.48 | | 171.15 | 171.30 | 0.15 | 170.09 | 170.24 | | SLT/SH | part of a unsampled parting. | 15 | - | | Cal | 1.00 | W6 | 1mm | Fr | 5 | 6.66 | 0.00 | R6 | Fair |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAV06-001C | | | | | | | 171.30 | 171.40 | 0.10 | 170.24 | 170.34 | | SI T/SH | Roof Sample when logged, but after correction with the geophysica log it is really a partial PARTING SAMPLE. As above unit | al | _ | | | ID 110 | | | | | | | | |
| NAV00-001C | | | | | | | 171.50 | 171.40 | 0.10 | 170.24 | 170.54 | | 3L1/311 | Black, vitreous sheen broken & Chunks of bright & dull, 70% bright, | | | | | 10 110 | | | | | | | | |
| RAV06-001C | | | | | | | 171.40 | 171.56 | 0.16 | 170.34 | 170.50 | | | Dull, one intact 2 cm MST disk (4cm from Bottom) | | Ру | 1.00 | Cal | 1.00 | W6 | | | | | 0.00 | R2 | Poor |
| RAV06-001C | | | | | | | 171 56 | 171 60 | 0.12 | 170.50 | 170.62 | | | Black, solid, bright and dull, very thinly cleated, clarian sheen, calcite veins with pyrite. | | Py | 2.00 | Cal | 2.00 | W6 | >1cm | | | | 0.00 | R2 | Door |
| KAV00-001C | | | | | | | 171.56 | 171.68 | 0.12 | 170.50 | 170.02 | | | Black, semi-solid, in places, bits and pieces missing. First 5cm, very | | ГУ | 2.00 | Cai | 2.00 | VVO | >1CIII | | | | 0.00 | KΖ | FUUI |
| | | | | | | | | | | | | | | broken & crushed. Vitreous to clarian sheen, bright & dull 60% brigh | ht, | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 40% dull, pyrite and calcite along Cleat faces, and in fractures, Very | , | | | | | | | | | | | | |
| RAV06-001C | | | | | | | 171.68 | 172.77 | 1.09 | 170.62 | 171.71 | | Coal | thin Cleats (.5 to .75cm) Dull layers-1-2cm, Were also collected for the run. | | Py | 2.00 | Cal | 2.00 ID 111 | W6 | 0.5 to 2cm | Fr | 0 to 5 | 18.40 | 11.00 | R2 | Poor |
| RAV06-001C | | | | | | 173.46 | 172.77 | 173.13 | | 171.71 | 172.07 | 0.36 | | | | . , | | | | | | | | | | | |
| DAMOS 0040 | | 0.05 | 0.07 | 07.00 | 470.40 | | 470.40 | 470.00 | 0.47 | 470.07 | 470.04 | | | Black, bright and dull, broken chunks Bright and dull coal pyrite & | | D | 4.00 | 0-1 | 4.00 ID 440 | MO | | | | | 0.00 | DO | Deer |
| RAV06-001C | 55 | 3.05 | 2.97 | 97.38 | 173.46 | | 173.13 | 173.30 | 0.17 | 172.07 | 172.24 | | | calcite on Chunks, no visible cleats, very light Black, bright & dull, 70% bright, 30% dull Cleats are 5mm thick, light | | Py | 1.00 | Cal | 1.00 ID 113 | W6 | | | | | 0.00 | R2 | Poor |
| RAV06-001C | | | | | | | 173.30 | 173.46 | 0.16 | 172.24 | 172.40 | | | pyrite on faces. | | Ру | 1.00 | Cal | 1.00 ID 113 | W6 | 5mm | | | | 100.00 | R2 | Good |
| RAV06-001C | | | | | | | 173.46 | 173.51 | 0.05 | 172.40 | 172.45 | | | Black, bright and dull, calcite & pyrite on cleat faces. | | Ру | 1.00 | Cal | 1.00 ID 113 | W6 | | | | | 0.00 | R2 | Poor |
| | | | | | | | | | | | | | | Black, bright and dull, bright vitreous sheen With cleating (5mm to 10mm thick), dull are 5mm to 3 cm thick. Calcite and Smears are | | | | | | | | | | | | | |
| RAV06-001C | | | | | | | 173.51 | 174.13 | 0.62 | 172.45 | 173.07 | | Coal | concentrated on Bands. | | Ру | 1.00 | Cal | 1.00 ID 113 | W6 | 5mm to 3 cm | Fr | 2 | 1.61 | 90.00 | R2 | Good |
| | | | | | | | | | | | | | | Floor Sample Blackish grey SLT with thin beds of SH. Numerous, | | | | | | | | | | | | | |
| RAV06-001C | | | | | | | 174.13 | 174.23 | 0.10 | 173.07 | 173.17 | | SLT/SH | 1cm bands of bright coal, veins @ 10 BCN. Very carboneous spars & coal lens. | | Py | 1.00 | Cal | 1.00 ID 114 | W6 | 1cm | Fr | 10 to 20 | 5.26 | 73.00 | R6 | Good |
| RAV06-001C | | | | | | | 174.23 | 174.51 | 0.28 | 173.17 | 173.45 | | | Part of the above Interval | | . , | | ou. | | | | • • | 10 10 20 | 0.20 | . 0.00 | | 0000 |
| | | | | | | | | | | | | | a. = | Grey, carboneous, numerous coal spars and thin lens. There is one | | _ | _ | | | | | | | | | | |
| RAV06-001C RAV06-001C | | | | | | | 174.51 175.45 | 175.45 175.53 | 0.94 | 173.45 | 174.39 | 0.08 | SLT | large fault Calcite. (1.2 cm thick) Rock Loss | | Ру | Tr | Cal | 2.00 | W6 | | Fault | 65 | 1.06 | 69.00 | R6 | Fair |
| 10.000 0010 | | | | | | | 170.40 | 170.00 | | | | 0.00 | | Regolithtic SLT. The matrix is grey fine Grained SLT. Calcite veins | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | criss cross the Core at all angles. Small pebbles in matrix. 95% SLT | Τ, | | | | | | | | | | | | |
| RAV06-001C | | | | | | 176 51 | 175.53 | 176 18 | 0.65 | 174.39 | 175.04 | | Rea | 4% calcite 1% pebbles. Broken Crushed, very soft and friable. Heavily altered | | _ | | Cal | 4.00 | W2 | | Fault | 90 | 3.07 | 0.00 | R1 | Poor |
| 101000 0010 | | | | | | 170.01 | 170.00 | 170.10 | 0.00 | 17-1.00 | 170.04 | | rtog | As above Reg, but there is a strange Blood red alteration all over the | he | | | Oui | 4.00 | *** | | 1 dan | 00 | 0.07 | 0.00 | 1 | 1 001 |
| DAVIOC 0040 | 50 | 4.00 | 4.05 | 00.00 | 470.54 | | 470.40 | 470.07 | 0.40 | 475.04 | 475.50 | | D | 3/4 of the run. It might Iron staining with hematite. First 10cm of the | | l las | 4.00 | 0-1 | 4.00 | 14/0 | | Ele | 00 | 0.07 | 50.00 | D.4 | Fair |
| RAV06-001C RAV06-001C | 56 | 1.98 | 1.65 | 83.33 | 176.51 | | 176.18 176.67 | 176.67 177.59 | 0.49 | 175.04 175.53 | 175.53 176.45 | | Reg Reg | run is broken & crushed. Veining all over the run Part of the above Interval | | mrn . | 1.00 | Cal | 4.00 | W2 | | Fault | 80 | 0.87 | 52.00 | R4 | rair |
| RAV06-001C | | | | | | | 177.59 | 177.60 | 0.01 | 176.45 | 176.46 | | | Grey-white massive matrix with pebbles Angular quartz | | | | | | W6 | | | | | | R7 | Excellent |
| DAV(00 0010 | | | | | | | 477.00 | 477.00 | 0.00 | 470 10 | 470.00 | | 1/-1 | Green, massive, hard, blood red alteration, (iron staining), 3 calcite | | Llan | 2.00 | 0-1 | 2.00 | 3444 | | | • | 0.00 | 0.00 | D-7 | Eve-#- : |
| RAV06-001C RAV06-001C | | | | | | 178 49 | 177.60 177.83 | 177.83 178.16 | 0.23 | 176.46 176.69 | 176.69 177.02 | 0.33 | Volc. | Veins with a BCN of 0 degrees. Rock Loss | | Hm | 2.00 | Cal | 3.00 | W4 | | Fr | 0 | 8.69 | 0.00 | K/ | Excellent |
| | | | | | | 070 | | 5.10 | | 0.00 | | 0.00 | | Green, massive, with a dark mineral in the Matrix. Probably | | | | | | | | | | | | | |
| DAY/00 0040 | F-7 | 4.00 | 4.04 | 00.01 | 470.40 | | 470.40 | 170.01 | 4.00 | 477.00 | 470.70 | | 1/-1 | hornblende. 95% Matrix, 5% hornblende, very friable, and soft, | | | | 0-1 | 4.00 | 10/4 | | F., | 0.4= 5 | 40.00 | 40.00 | D0 | Fair |
| RAV06-001C RAV06-001C | 57 | 1.83 | 1.81 | 98.91 | 178.49 | | 178.16 179.84 | 179.84 179.97 | 1.68 0.13 | 177.02 178.70 | 178.70 178.83 | | | calcite veins through out, first 20 cm broken & crushed Part of the above Interval | | - | | Cal | 4.00 | W4 | | Fr | 0 10 5 | 49.00 | 49.00 | K2 | rair |
| RAV06-001C | | | | | | 180.32 | 179.97 | 179.99 | | 178.83 | 178.85 | 0.02 | . 5.0. | Rock Loss | | | | | | | | | | | | | |
| RAV06-001C | 58 | 3.05 | 2.96 | 97.05 | 180.32 | 400 - | 179.99 | 182.95 | 2.96 | 178.85 | 181.81 | 0.62 | Volc. | As above Interval | | | | Cal | 4.00 | W6 | | Fr | 5 to 15 | 2.36 | 88.00 | R3 | Fair |
| RAV06-001C RAV06-001C | 59 | 3.05 | 3.02 | 99.02 | 183.37 | 183.37 | 182.95 183.04 | 183.04 185.89 | 2.85 | 181.81 181.90 | 181.90 184.75 | 0.09 | Volc | Rock Loss As above Interval | | | | Cal | 4.00 | W6 | | Fr | 5 to 15 | 2.65 | 90.00 | R3 | Fair |
| RAV06-001C | | 2.30 | | 23.02 | | | 185.89 | 186.06 | 0.17 | 184.75 | 184.92 | | | Part of the above Interval | | | | | | | | | 2.3.0 | | | | |
| RAV06-001C | 00 | 0.65 | 0.00 | 00.00 | 400.40 | 186.42 | 186.06 | 186.09 | 0.70 | 184.92 | 184.95 | 0.03 | 1/-1 | Rock Loss | | | | 0-1 | 0.00 | 1440 | | - | 44, 40 | 4.00 | 00.00 | D^ | Fair |
| RAV06-001C RAV06-001C | 60 | 3.05 | 3.02 | 99.02 | 186.42 | | 186.09 188.79 | 188.79 189.11 | 2.70 0.32 | 184.95 187.65 | 187.65 187.97 | | | As above Interval Part of the above Interval | | | | Cal | 6.00 | W6 | | Fr | 4 to 10 | 1.32 | 93.00 | K3 | Fair |
| RAV06-001C | | | | | | 189.47 | 189.11 | 189.14 | 5.02 | 187.97 | 188.00 | 0.03 | . 0.0. | Rock Loss | | | | | | | | | | | | | |
| RAV06-001C | 61 | 2.00 | 1.57 | 78.50 | 189.47 | 46. (= | 189.14 | 190.71 | 1.57 | 188.00 | 189.57 | 0.45 | Volc. | As above Interval | | | | Cal | 3.00 | W6 | | Fr | 5 to 20 | 1.27 | 55.00 | R4 | Fair |
| RAV06-001C | | | | | | 191.47 | 190.71 | 191.14 | | 189.57 | 190.00 | 0.43 | | Rock Loss EOH TD = 195.04 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| DH_ID R | Run # Co | oreDrilled C | Core Rec'd | Percent | Driller's | : Denth | Writte | n Loa | | Corre | ected | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|----------|---------------|------------|-----------|-----------|---------|------------------|------------------|---------------|--------|------------------|----------|------------|--|-------------------|----|--------------------|-----|--------------|-----------|--------------|--------------|----------|-------------|-----|------------|---------|
| BII_IB II | tuii# 00 | ore Drilled C | JOIC NCC U | Recovered | From | TO | FROM | TO | Length | FROM | | Core Los | LITH | Description | Sulphide Minerals | % | Carbonate Minerals | % S | ample ID | Weatherin | | | Dip/BCN | | RQD | Strength | Quality |
| RAV06-002C | | | | | | | 0.00 | 2.13 | 2.13 | | | | OB | Over Burden | | | | | | | | | | | | | |
| RAV06-002C RAV06-002C | | | | | | | 2.13 16.00 | 16.00 21.81 | 13.87 5.81 | | | | SLT SH | Greyish White Fine Grained Black Massive and Soft | | | | | 2001 2002 | | | | | | | | |
| RAV06-002C | | | | | | | 21.81 | 23.90 | 2.09 | | | | SLT | Grey Fine Grained | | | | | 2002 | | | | | | | | |
| RAV06-002C | | | | | | | 23.90 | 42.20 | 18.30 | | | | SH/SLT | SH: black, massive SLT: Grey Fine Grained | | | | | 2004 | | | | | | | | |
| RAV06-002C | | | | | | | 42.20 | 54.48 | 12.28 | | | | SST | Light Grey, Medium Grained | | | | | 2005 | | | | | | | | |
| RAV06-002C | | | | | | | 54.48 | 58.15 | 3.67 | | | 0.55 | SLT/SH | | | | | | 2006 | | | | | | | | |
| RAV06-002C RAV06-002C | | | | | | | 58.15 58.70 | 58.70 60.70 | 2.00 | | | 0.55 | SLT/SH | Coal Loss SH: black, massive SLT: Grey Fine Grained | | | | | 2006 | | | | | | | | |
| RAV06-002C | | | | | | | 60.70 | 61.30 | 2.00 | | | 0.60 | Coal | Coal Loss | | | | | 2000 | | | | | | | | |
| RAV06-002C | | | | | | | 61.30 | 66.08 | 4.78 | | | | SST | Medium Grey, Coarse to Medium Grained | | | | | 2007 | | | | | | | | |
| RAV06-002C | | | | | | | 66.08 | 71.68 | 5.60 | | | | SLT | Dark Grey Medium Grained | | | | | 2008 | | | | | | | | |
| RAV06-002C RAV06-002C | | | | | | | 71.68 72.76 | 72.76 76.72 | 1.08 3.96 | | | | SST SLT | Dark Grey Coarse Grained Light Grey, Medium Grained | | | | | 2009 2010 | | | | | | | | |
| RAV06-002C | | | | | | | 76.72 | 78.72 | 2.00 | | | | SH | Black Massive | | | | | 2110 | | | | | | | | |
| RAV06-002C | | | | | | | 78.72 | 82.86 | 4.14 | | | | SH/SLT | SH: black, massive SLT: Grey Fine Grained | | | | | 2011 | | | | | | | | |
| RAV06-002C | | | | | | | 82.86 | 84.86 | 2.00 | | | | SLT | Medium Grey, Fine Grained | | | | | 2012 | | | | | | | | |
| RAV06-002C | | | | | | | 84.86 | 87.46 93.56 | 2.60 6.10 | | | | SST SLT | Brown/Grey Medium Grained | | | | | 2013 2014 | | | | | | | | |
| RAV06-002C RAV06-002C | | | | | | | 87.46 93.56 | 93.56 | 1.00 | | | | SLT/SH | Light Grey, Fine Grained SLT as above, SH: Black Massive | | | | | 2014 | | | | | | | | |
| RAV06-002C | | | | | | | 94.56 | 97.00 | 2.44 | | | | SLT | Light Grey, Fine Grained | | | | | 2016 | | | | | | | | |
| RAV06-002C | | | | | | | 97.00 | 98.05 | 1.05 | | | | Coal | Black Bright | | | | | 2017 | | | | | | | | |
| RAV06-002C | | | | | | | 98.05 | 101.16 | 3.11 | | | | SST | Grey Coarse Grained | | | | | 2018 | | | | | | | | |
| RAV06-002C | | | | | | | 101.16 | 103.16 | 2.00 | | | | SLT/SH | SLT: Dark Grey Fine Grained, SH: Black, Massive | | | | | 2019 | | | | | | | | |
| RAV06-002C | | | | | | | 103.16 | 111.25 | 8.09 | | | | SLT | Light Grey, Fine Grained | - | | | | 2019 | | | | | | | | |
| RAV06-002C | | | | | | | | 127.54 | 16.29 | | | | SLT | Light Grey Fine Grained | | | | | 2021 | | | | | | | | |
| RAV06-002C | | | | | | | 127.54 | 134.00 | 6.46 | | | | SH/SLT | SLT as above, SH: Black Massive | | | | | 2022 | | | | | | | | |
| RAV06-002C | | | | | | | 134.00 | 134.20 | 0.20 | | | 4 45 | SH | Black Massive Very Fine Grained | | | | | 2023 | | | | | | | | |
| RAV06-002C RAV06-002C | | | | | | | 134.20 134.20 | 135.35 152.40 | 18.20 | | | 1.15 | SLT | Coal Loss Grey, Fine Grained | | | | | 2033 | | | | | | | | |
| RAV06-002C | | | | | | | 152.40 | 160.00 | 7.60 | | | | SLT/SH | SLT as above, SH: Black Massive | | | | | 2034 | | | | | | | | |
| RAV06-002C | | | | | | | 160.00 | 173.40 | 13.40 | | | | SLT/SH | SLT as above, SH: Black Massive | | | | | 2035 | | | | | | | | |
| RAV06-002C | | | | | | | 173.40 | 174.00 | 1.17 | 172.75 | 173.92 | | Coal | Black, Bright & Dull Clasts | | | | | 2036 | | | | | | | | |
| RAV06-002C | 1 | 2.90 | 1.40 | 48 | 174.00 | | 174.00 | 175.00 | 1.00 | 173.92 | 174.92 | | Coal | Black, Bright and Dull, Alternating layers of dull coal "disks" and broken crushed layers of bright coal. The dull coal is very hard, but light. The broken Vitreous layers still have visiable cleating on the cleats. Most of clast are broken up cubes, a reflection of the cleavage. The cleats vary in thickness fromm 1mm to 1cm, and have pyrite smears and calcite on them. As well calcite is froming on the cleats and along the fracture faces. The vitreous chunks are soft, light, and it is in these layers where we most likely had core loss. The cuttings from this run were saved. From the recovered core: 65% dull (durain) and 35% bright (vitrain).Alot of the dull disks of coal had slickenslides. | Pyrite | 2 | Calcite | 1 | 2201 | W6 | 1mm to 1cr | r Fracture | 0 to1 | <30 | 0 | R2 | Poor |
| RAV06-002C | • | 2.50 | 1.40 | 40 | 174.00 | | 175.00 | 175.30 | 0.30 | 174.92 | | | Coal | Part of above unit | 1 yillo | | Odioito | • | 2202 | **** | THIIII TO TO | i i i acture | 0 101 | ~ 00 | O . | 112 | 1 001 |
| RAV06-002C | | | | | | | 175.30 | | | | 176.72 | 1.50 | | Coal Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Solid, dull and bright. Thin shale layers through | | | | | | | | | | | | | |
| RAV06-002C | | | | | | 176.90 | 176.80 | 176.90 | 0.10 | 176.72 | 176 92 | | Cool | out. 90% coal & 10% shale, 70% dull & 30% bright | Durito | 1 | Calcite | 1 | 2202 | WE | 1mm | 99 | F | 10 | 100 | Pο | Foir |
| RAV06-002C RAV06-002C | 2 | 2.90 | 2.74 | 94 | 176.90 | 176.90 | 176.80 | | 0.10 | | 176.82 176.98 | 0.16 | Coal | Coal Loss | Pyrite | 1 | Calcite | ı | 2202 | W6 | 1mm | SS | 5 | 10 | 100 | R2 | Fair |
| 10.0000020 | _ | | 2.1 7 | - JT | 17 3.30 | | 170.00 | 177.00 | | 170.02 | 170.00 | 0.10 | | Black bright pyrite smears very thin cleats (less | | | | | | | | | | | | | |
| RAV06-002C | | | | | | | 177.06 | 177.08 | 0.02 | 176.98 | 177.00 | | Coal | than 1 mm) broken & crushed | Pyrite | 1 | - | - | | W6 | 1mm | - | - | - | 0 | R2 | Poor |
| B.41. | | | | | | | .== | | | .== | .== - | | | Floor Sample, Light Grey, fine grained, | | | | | | | | _ | | | | . - | _ |
| RAV06-002C | | | | | | | 177.08 | 177.18 | 0.10 | 177.00 | 177.10 | | SLT | massive, plant material, carboneous Part of above unit | - | | | | 2203 | W6 | Massive | Fr | 1 to 3 | <20 | 56 | R6 | Poor |
| RAV06-002C | | | | | | | | 177.78 178.74 | 0.60 | | 178.66 | | SLT | Light Grey, White, Black, coarse grained, pyrite smears through out, calcite veins running along the core, coal spars, and coal veinlets, plant material, broken and crushed, 90% SST & 8%SH & 2% COAL, thin wispy 1mm thick Shale beds (BCN 5 to 6) | Pyrite | 1 | Calcie | 2 | | W6 | SH 1mm | Fr | 2 to 6 | <20 | 17 | R4 | Poor |
| RAV06-002C | | | | | | 179.80 | 178.74 | 179.80 | 1.06 | 178.66 | 179.72 | | SST | Part of above unit | As | TR | | | | | | Fr | 80 to 90 | 3 | | | |
| RAV06-002C | 3 | 2.90 | 2.74 | 94 | 179.80 | | 179.80 | 180.73 | 0.93 | 179.72 | 180.65 | | SST | As above SST, but more calcite infilling fractures | Pyrite | 1 | Calcite | 2 | | W6 | SH 1mm | Fr | 3 to 5 | 6.45 | 37 | R6 | Poor |

| RAV06-002C RAV06-002C RAV06-002C RAV06-002C RAV06-002C RAV06-002C | | | | | | 182.70 | 180.73 181.04 181.53 181.72 182.54 | 181.04 181.53 181.72 182.54 182.70 | 0.31 0.49 0.19 0.82 | 180.96 181.45 181.64 | 180.96 181.45 181.64 182.46 182.62 | 0.16 | SLT SST SLT SLT | As above SLT As above SST As above SLT, but more pyrite smears Part of above unit Rock Loss | Pyrite Pyrite | 1 2 | Calcite Calcite | 2 2 | | W6 W6 W6 | Massive SH 1mm | Fr Fr Fr | 70 to 90 3 to 5 70 to 90 5 to 7 | 2.15 <20 4.08 6.93 | 0 27 50 | R6 R6 R6 | Poor Poor Poor |
|--|----|------|------|------|--------|--------|--|--|------------------------------|----------------------------|--|------|--------------------------|---|------------------|-----------|--------------------|----------|--------------|----------------|---------------------|----------------|--|-----------------------------|---------------|----------------|----------------------|
| | | | | | | | | | | | | | | Greyish black, "mottled appearance", fine grained, 5 broken and crushed fault zones,(measured from top of unit: 36-39cm, 79-92cm, 102-106cm, 177-181cm, 228-231cm), numerous coal spars & plant material, 1cm coal beds with a BCN of 10, Thin shale beds, black, massive, 1mm to 4 mm thick, Pyrite | | | | | | | | | | | | | |
| RAV06-002C RAV06-002C | 4 | 2.90 | 2.53 | 87.2 | 182.70 | | 182.70 185.07 | 185.07 185.23 | 2.37 0.16 | 182.62 184.99 | 184.99 185.15 | | SLT SLT | smears and calcite veinlets Part of above unit | Pyrite | 1 | Calcite | 1 | | W6 | 1mm to 1cm | Fr | 5 to 7 | 3.95 | 68 | R6 | Fair |
| RAV06-002C | | | | | | 185.60 | 185.23 | 185.60 | 0.16 | | 185.52 | 0.37 | SLI | Rock Loss | | | | | | | | | | | | | |
| RAV06-002C | 5 | 2.90 | 2.83 | 97.6 | 185.60 | | 185.60 | 185.76 | 0.16 | | 185.68 | | SLT | As above SLT | Pyrite | 1.5 | Calcite | Tr | | W6 | 1mm to 1cm | Fr | 5 to 20 | 11.53 | 46 | R6 | Fair |
| RAV06-002C | | | | | | | 185.76 | 185.86 | 0.10 | 185.68 | 185.78 | | SLT | Roof Sample, part of above unit | | | | | 2204 | | | | | | | | |
| RAV06-002C RAV06-002C RAV06-002C | | | | | | | 185.86 186.12 186.22 | 186.12 186.22 186.41 | 0.26 0.10 0.19 | | 186.04 186.14 186.33 | | Coal SLT SLT | Black, dull & bright, 1mm to 3mm thick cleats, pyrite smears, coal broken into "disks" Floor Sample, as above SLT Part of above SLT | Pyrite Pyrite | 1.5 Tr | Calcite Calcite | Tr Tr | 2205 2206 | W6 W6 | mm to 3mn 1mm SH | Fr Fr | 5 to 20 5 to 20 | 11.52 20 | 0 86 | R2 R6 | Poor Fair |
| RAV06-002C RAV06-002C RAV06-002C | 6 | 2.9 | 2.85 | 98.3 | 188.50 | 188.50 | 186.41 188.43 188.50 | 188.43 188.50 189.37 | 2.02 | | 188.35 188.42 | 0.07 | SLT/REG | Heavily altered SLT and Reoglith. Mottled appearance, small veins of calcite criss crossing the core. SLT: greyish, fine grained, massive. Reoglith: greyish white, friable, a massive, covered with alteration (Sercite???) Rock Loss As above SLT/REG | Pyrite Pyrite | Tr Tr | Calcite Calcite | 5 | | W4 W4 | Massive Massive | Fr | 5 to 15 | 0.99 | 91 | R7 | Good |
| RAV06-002C | ь | 2.9 | 2.85 | 98.3 | 188.50 | | 188.50 | 189.37 | 0.87 | 188.42 | 189.29 | | SLI/REG | AS above SLT/REG | Pyrite | 11 | Calcite | 2 | | VV4 | Massive | Fſ | 10 | 8.05 | 80 | K/ | G000 |
| RAV06-002C RAV06-002C RAV06-002C | | | | | | 191.40 | 189.37 190.92 191.35 | 190.92 191.35 191.40 | 1.55 0.43 | 190.84 | 190.84 191.27 191.32 | 0.05 | VOL VOL | Volcanic, green, massive, calcite veins, calcite flooding, "blood red iron staining" alteration along fracture faces. Chorite alteration Part of above unit Rock Loss | - | - | Calcite | 2.5 | | W5 | Massive | Fr | 10 to 20 | 3.03 | 71 | R7 | Good |
| RAV06-002C | 7 | 2.9 | 2.89 | 99.7 | 191.40 | | 191.40 | 194.29 | 2.89 | 191.32 | 104 21 | | VOL | As above, but the entire run is crissed crossed with calcite veins | _ | | Calcite | 3 | | W5 | Massive | Fr | 10 | 4.15 | 72 | R6 | Excellent |
| RAV06-002C | • | 2.0 | 2.00 | 55.1 | 131.40 | 194.30 | 194.29 | 194.30 | 2.00 | | 194.22 | 0.01 | VOL | Rock Loss | | | Odione | <u> </u> | | WO | Massive | Fr | 90 | 0.41 | 12 | RO | LXCCIICITE |
| RAV06-002C | 8 | 1.86 | 1.86 | 100 | 194.30 | 196.16 | 194.30 | 196.16 | 1.86 | 194.22 | 196.08 | | VOL | As above, except tiny hornblende crystals along some the veins of calcite As above, except with pyrite forming around the fracture faces, Calcite rim 2mm wide along fractures. BCN of fractures= 90. As well the pyrite is concentrated in smears along fractures. Blood red iron staining on most | - | | Calcite | 3 | | W5 | Massive | Fr | 5 | 1.25 | 100 | R6 | Excellent |
| RAV06-002C | 9 | 2.9 | 2.9 | 100 | 196.16 | | 196.16 | 196.72 | 0.56 | 196.08 | 196.64 | | VOL | fracture faces. | Pyrite | 1 | Calcite | 1 | | W5 | Massive | Fr | 5 to 10 | 2.67 | 90 | R6 | Excellent |
| RAV06-002C | | | | | | | | | | | | | | | | | | | | | | Fr | 90 | 0.33 | | | |
| RAV06-002C | 10 | 0.0 | 0.05 | 00.0 | 400.00 | 199.06 | | 199.06 | 2.34 | | 198.98 | | VOL | Part of above Unit | D't | _ | 0-1 " | • | | 14/5 | 14 | _ | 40+ 45 | 0.00 | 05 | D-7 | 0- 1 |
| RAV06-002C RAV06-002C | 10 | 2.9 | 2.85 | 98.3 | 199.06 | | 199.06 201.91 | 201.91 | 2.85 | | 201.83 201.88 | 0.05 | VOL | AS above Vol Rock Loss | Pyrite | Tr | Calcite | 3 | | W5 | Massive | Fr | 10 to 15 | 3.99 | 95 | R7 | Good |
| RAV06-002C | | | | | | | EOH | EOH | | 201.03 | 201.00 | 0.00 | | NOUN LOSS | | | | | | | | | | | | | |

| DH_ID | Run # CoreDrilled | Core Rec'd Percent | Driller's Depth | Writte | n Log | | Corrected | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|-------------------|--------------------|-----------------|------------------|--------|--------|----------------|----------|--|-------------------|----------------|----------|--------------|-------------------------|----------|---------|------------|-------|----------|---------|
| _ | | Recovered | From TO | FROM | TO | Length | FROM TO Core L | oss LITH | Description | Sulphide Minerals | % Carbonate Mi | nerals % | Sample ID | | | Dip/BCN | Freq/M | RQD S | Strength | Quality |
| RAV06-003C | | | | 0 | 32 | | | ОВ | Overburden | | | ,,, | | Treatment of the second | .,,,,, | - 4, 1 | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| RAV06-003C | | | | 32 | 85.34 | | | SLT/SH | SLT: grey fine grained, SH: black massive | - | | | 3001 | | | | | | | |
| RAV06-003C | | | | 85.34 | 86.87 | | | SH/SLT | As above but 80% SH & 20% SLT | - | | | 3002 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| RAV06-003C | | | | 86.87 | 97.54 | | | SLT/SH | SLT: grey fine grained, SH: black massive | - | | | 3003 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | SST: Light grey, coarse grained, massive | | | | | | | | | | | |
| RAV06-003C | | | | 97.54 | 98.54 | | | | SH: black massive 90% SST & 10% SH | - | | | 3004 | | | | | | | |
| RAV06-003C | | | | 98.54 | 102.15 | | | SST/SLT | SST: As above, SLT: Dark grey, massive | - | | | 3005 | | | | | | | |
| RAV06-003C | | | | 102.15 | 103.15 | | | | As above but 70% SLT & 30% SST | - | | | 3006 | | | | | | | |
| RAV06-003C | | | | 103.15 | 104.15 | | | | As above but 70% SST & 30% SLT | - | | | 3007 | | | | | | | |
| RAV06-003C | | | | 104.15 | 105.15 | | | SLT/SST | As above but 70% SLT & 30% SST | - | | | 3008 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| RAV06-003C | | | | 105.15 | 137.73 | | | SLT/SH | SLT: Grey fine grained SH: black massive | - | | | 3009 | | | | | | | |
| | | | | | | | | | SLT: Medium grey fine grained SST: light | | | | | | | | | | | |
| RAV06-003C | | | | 137.73 | 142.35 | | | SLT/SST | grey, coarse grained | - | | | 3010 | | | | | | | |
| D 41/00 0000 | | | | | | | | 0.70 | SLT: medium grey fine grained, SH: black, | | | | | | | | | | | |
| RAV06-003C | | | | 142.35 | 143.35 | | | SL1/SH | massive | - | | | 3011 | | | | | | | |
| DA1/00 0000 | | | | 440.05 | 444.05 | | | 007/011 | SST: Light grey, coarse grained, massive | | | | 0040 | | | | | | | |
| RAV06-003C | | | | 143.35 | 144.35 | | | SS1/SH | SH: black massive | - | | | 3012 | | | | | | | |
| DAV/06 003C | | | | 111 05 | 450.00 | | | CLI/COAI | SH: black, massive COAL: tiny bright | | | | 2012 | | | | | | | |
| RAV06-003C RAV06-003C | | | | 144.35 | 153.32 | | | | L chunks 95% SH & 5% COAL | - | | | 3013 3014 | | | | | | | |
| KAV06-003C | | | | 153.32 | 153.92 | | | COAL | COAL: dull & bright, some SH Powdery black coal surrounding chunks of | - | | | 3014 | | | | | | | |
| | | | | | | | | | SLT. Gas could be heard escaping from the | | | | | | | | | | | |
| | | | | | | | | | core for several minutes. Fault Zone: core | | | | | | | | | | | |
| | | | | | | | | | broken and crushed into large chunks of | | | | | | | | | | | |
| RAV06-003C | 1 1.98 | 0.91 45.96 | 5 153.92 | 153 92 | 154.52 | 0.60 | | COAL/SI | SLT. 80% SLT & 20% coal | Pyrite | 1 Calcite | Tr | | W4 | Fr | _ | <50 | 0 | R1 | Poor |
| 10,1000 0000 | 1 1.50 | 0.01 +0.00 | 100.02 | 100.02 | 104.02 | 0.00 | | OO/(L/OL | Greyish Clay that is either fault gouge or | 1 yiilo | 1 Galoito | | | *** | • • | | ~00 | U | 17.1 | 1 001 |
| | | | | | | | | | some kind of paleosole. Extremely fine | | | | | | | | | | | |
| RAV06-003C | | | | 154.52 | 154.83 | 0.31 | | Clay | grained, somewhat sticky. | - | | | | W1 | | | | 0 | C2 | Poor |
| RAV06-003C | | | 155.9 | | | 0.0. | 1.07 | | Core Loss | | | | | | | | | ŭ | 0_ | . 00. |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Large angular chunks of SLT surrounded | | | | | | | | | | | |
| | | | | | | | | | by fine crushed coal (packed in cuttinngs). | | | | | | | | | | | |
| | | | | | | | | | As well there is a soft greyish black clay | | | | | | | | | | | |
| | | | | | | | | | material surrounding the chunks of SLT. | | | | | | | | | | | |
| | | | | | | | | | Might be rock flower. 70% SLT & 25% Clay | | | | | | | | | | | |
| | | | | | | | | | and 5% Coal. A definite fault zone. | | | | | | | | | | | |
| | | | | | | | | | Numerous calcite veinlets on SLT chunks, | | | | | | | | | | | |
| RAV06-003C | 2 2.90 | 0.85 29.31 | 155.90 | 155.90 | 156.05 | 0.15 | | SLT/Clay | greenish alteration on SLT chunks | - | Calcite | 1 | | W1 | Fr | 70 | 6.67 | 0 | R1 | Poor |
| RAV06-003C | | | | 156.05 | 156.15 | 0.10 | | | Roof Sample, Part of above unit | | | | 10302 | | | | | | | |
| | | | | | | | | • | Broken crushed, powdery bits of coal. | | | | | | | | | | | |
| | | | | | | | | | Bright and dull bits ground down to coarse | | | | | | | | | | | |
| | | | | | | | | | size grains. As well clay is mixed into the | | | | | | | | | | | |
| | | | | | | | | | interval. The clay is fine to very fine, | | | | | | | | | | | |
| | | | | | | | | | powdery. 60% coal & 40% clay. I do not if | | | | | | | | | | | |
| | | | | | | | | | this is a coal seam, or up hole | | | | | | | | | | | |
| RAV06-003C | | | | 156.15 | | 0.60 | | | y contamination, but I sampled it. | - | | | 10301 | W1 | | | <100 | 0 | R1 | Poor |
| RAV06-003C | | | 158.8 | 30 156.75 | 158.80 | | 2.05 | | Coal Loss | | | | | | | | | | | |
| RAV06-003C | 3 2.90 | 2.38 82.07 | 7 158.80 | 158.80 | 158.85 | 0.05 | | Coal/Cla | y As above Coal/Clay | - | | | 10301 | | | | | | | |
| | | | | | | | | | A mixture of SLT clasts & clay, and | | | | | | | | | | | |
| | | | | | | | | | weathered SLT. SLT: fine grained, heavily | | | | | | | | | | | |
| | | | | | | | | | weathered, but angular, grey colur. Clay: | | | | | | | | | | | |
| | | | | | | | | | blackish grey, powdery. Weathered SLT: | | | | | | | | | | | |
| | | | | | | | | | half in between SLT and Clay. Still | | | | | | | | | | | |
| | | | | | | | | _ | resembled SLT, but has a consistency of | | | | | | | | | | _ | _ |
| RAV06-003C | | | | 158.85 | 158.95 | 0.10 | | SLT/Clay | | - | Calcite | 1 | 10303 | W1 | Fr | 70 | 2 | 0 | R1 | Poor |
| RAV06-003C | | | | 158.95 | 159.25 | 0.30 | | | Part of above unit | | | | | | | | | | | |
| RAV06-003C | | | | 159.25 | 159.35 | 0.10 | | SLT/Clay | Part of above unit | | | | | | | | | | | |
| | | | | | | | | | Grey white, coarse grained, covered with | | | | | | | | | | | |
| | | | | | | | | | calcite veins. Calcite veins are generally at | | | | | | | | | | | |
| D 41/05 | | | | | | | | 06=151 | 90 BCN, with one calcite vein at 0 BCN. | | | _ | | 14/4 | _ | | | | | |
| RAV06-003C | | | | 159.35 | 160.32 | 0.97 | | SST/Clay | y Clay:brownish black, soft powdery. | - | Calcite | 3 | | W1 | Fr | 60 | 4.12 | 21 | R1 | Fair |
| | | | | | | | | | Greyish black with chunks of the above | | | | | | | | | | | |
| | | | | | | | | | SST unit in a clay matrix. The clay isn't | | | | | | | | | | | |
| | | | | | | | | | sticky, but is powdery. It is fine grained. The | • | | | | | | | | | | |
| D 41/05 | | | | | | | | OI /5 | SST chunks are friable and very | | | _ | | 14/4 | | | | | • | |
| RAV06-003C | | | | 160.32 | 160.86 | 0.54 | | Clay/SS1 | Γ weathered. 85% clay & 15% SST clasts | - | Calcite | Tr | | W1 | | | | 0 | C1 | Fair |
| | | | | | | | | | | | | | | | | | | | | |

Interbedded SST and SH. SST:Solid, course grained, light grey. SH: black massive soft. Looking into the core catcher the beds are vertical. Thin 1cm beds of SST, seperated by 2mm thick beds of Shale. Very friable, and broken up along

| RAV06-003C | 160.86 | 161.18 0.32 | | nerous fracture planes. | - | Calcite | 2 | W1 | Fr | ? | <20 | 0 | R1 | Fair |
|------------|---------------|-------------|------|-------------------------|---|---------|---|----|----|---|-----|---|----|------|
| RAV06-003C | 161.70 161.18 | 161.70 | 0.52 | Rock Loss | | | | | | | | | | |
| | EOH | EOH | | | | | | | | | | | | |

| DH_ID R | un # Core | eDrilled | Core Rec'd | Percent | Driller's | Depth | Written Log | | Corrected | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|-----------|----------|------------|-----------|-----------|-----------|----------------------------|------------|-----------|-----------|---------|--|-------------------|--------|-------------------|--------------|-----------|-------------|----------|---------|------|-----|----------|------|
| | | | | Recovered | | | ROM TO | Length | | Core Loss | LITH | Description | Sulphide Minerals | % Carb | bonate Minerals % | Sample ID | Weatherin | | | Dip/BCN | | RQD | Strength | |
| RAV06-004C | | | | | | | 0.00 9.75 | | - | | | Overburden | - | | | 1001 | | | | | | | | |
| RAV06-004C | | | | | | g | 9.75 16.8 | 0 7.05 | | | SLT | SLT: Light grey, fine grained SLT: Light grey, fine grained SH: | - | | | 4001 | | | | | | | | |
| RAV06-004C | | | | | | 1 | 6.80 17.8 | 0 1.00 | | | SLT/SH | Black Massive | - | | | 4002 | | | | | | | | |
| RAV06-004C | | | | | | 1 | 7.80 19.8 | 0 2.00 | | | SLT | SLT: Light grey, fine grained | - | | | 4003 | | | | | | | | |
| DAV/00 0040 | | | | | | 4 | 0.00 00.0 | 0 40.00 | | | CLT/CLI | SLT: Light grey, fine grained SH: | | | | 4004 | | | | | | | | |
| RAV06-004C RAV06-004C | | | | | | | 9.80 39.6 9.60 40.6 | | | | | Black Massive SST: Light grey, coarse grained | - | | | 4004 4005 | | | | | | | | |
| | | | | | | | | | | | | SLT: Light grey, fine grained SH: | | | | .000 | | | | | | | | |
| RAV06-004C | | | | | | 4 | 0.60 42.6 | 7 2.07 | | | | Black Massive | - | | | 4006 | | | | | | | | |
| | | | | | | | | | | | | SLT: Light grey, fine grained, SST: | | | | | | | | | | | | |
| RAV06-004C | | | | | | 4: | 2.67 43.8 | 9 1.22 | | | SLT/SST | light grey, course grained to medium grained | - | | | 4007 | | | | | | | | |
| | | | | | | | | | | | | As above, but less SST. SST has | | | | | | | | | | | | |
| RAV06-004C | | | | | | 4 | 3.89 44.5 | 0.61 | | | SLT/SST | become a dark grey | - | | | 4008 | | | | | | | | |
| RAV06-004C | | | | | | 4. | 4.50 50.3 | 0 5.80 | | | SST | light grey course to medium grained | _ | | | 4009 | | | | | | | | |
| NAV00-0040 | | | | | | 7 | 4.50 50.5 | 0 3.00 | | | 551 | SST: grey coarse to fine grained SH: | - | | | 4003 | | | | | | | | |
| RAV06-004C | | | | | | 5 | 0.30 59.4 | 3 9.13 | | | SST/SH | black massive | - | | | 4010 | | | | | | | | |
| | | | | | | _ | | | | | aa. = | SH as above, 60% SH, 38% SLT | | | | | | | | | | | | |
| RAV06-004C RAV06-004C | | | | | | | 9.43 65.0 5.00 68.0 | | | | | and 2% grey clay AS above, but 70% SLT & 30% SH | - | | | 4011 4012 | | | | | | | | |
| RAV06-004C | | | | | | | 8.00 69.0 | | | | | 80% SH and 20% SLT | - | | | 4013 | | | | | | | | |
| RAV06-004C | | | | | | | 9.00 155.4 | | | | | 80% SLT and 20% SH | - | | | 4014 | | | | | | | | |
| | | | | | | | | | | | | SST: Grey coarse grained SH: black | | | | | | | | | | | | |
| RAV06-004C RAV06-004C | | | | | | | 55.45 173.0 73.00 196.0 | | | | | massive 89% SLT & 11% SH | - | | | 4015 4016 | | | | | | | | |
| RAV06-004C | | | | | | | 96.60 204.1 | | | | | 80% SLT and 20% SH | - | | | 4017 | | | | | | | | |
| RAV06-004C | | | | | | 20 |)4.78 227.0 | | | | | Grey and course grained | - | | | 4018 | | | | | | | | |
| RAV06-004C | | 2.00 | 4.00 | 00 | 000.00 | | 27.07 233. | | | | SST/SH | 85% SST & 15% SH | - | | | 4019 | | | | | | | | |
| RAV06-004C | 1 2 | 2.29 | 1.89 | 83 | 233.32 | 23 | 33.32 233. | /2 | | 0.4 | | Rock Loss Blackish grey SLT, Medium to fine | • | | | | | | | | | | | |
| | | | | | | | | | | | | grained, well sorted, well rounded, | | | | | | | | | | | | |
| | | | | | | | | | | | | massive. The core os broken & | | | | | | | | | | | | |
| D.11/00 0040 | | | | | | | | | | | O. T | crushed into angular chunks, roak | | | | | 14/0 | | | | 40 | • | D= | _ |
| RAV06-004C | | | | | | 23 | 33.72 234. | 0.43 | | | SLT | flower present | - | - | | | W6 | Massive | - | - | <40 | 0 | R7 | Poor |
| | | | | | | | | | | | | Greenish grey SST, course grained, | | | | | | | | | | | | |
| RAV06-004C | | | | | | 23 | 34.15 234.8 | 0.74 | | | | well rounded, well sorted, massive | Ру | Tr | Cal Tr | | W6 | massive | Fr | 65 | 1.35 | 88 | R7 | Ex |
| | | | | | | | | | | | | SST as above, SH: blk, 80%SST, | | | | | | | | | | | | |
| RAV06-004C | | | | | | 235.61 23 | 34.89 235.0 | 0.72 | | | SST/SH | 20% SH, Mottled appearance, Sh lens & stringers & fossils | Ру | Tr | Cal Tr | | W6 | SH<1mm | Fr | 1 to 2 | 1.49 | 82 | R7 | EX |
| NAV00-0040 | | | | | | 200.01 20 | 74.09 200.0 | 0.72 | | | | Greenish grey, course grained, | ı y | - '' | Odi 11 | | VVO | 011<1111111 | - ' ' | 1102 | 1.43 | 02 | 107 | LX |
| | | | | | | | | | | | | massive, a few shale lens & | | | | | | | | | | | | |
| | | | | | | | | | | | | stringers, numerous calcite lens. | | | | | | | | | | | | |
| | | | | | | | | | | | | Calcite replacing fossils, maybe coral, numerous pleyspod fossils in | | | | | | | | | | | | |
| | | | | | | | | | | | | SST, The last 0.42 cm has a strange | | | | | | | | | | | | |
| | | | | | | | | | | | | greenish alteration to it. (Maybe H20 |) | | | | | | | | | | | |
| RAV06-004C RAV06-004C | 2 | 2.9 | 2.9 | 100 | 235.61 | | 35.61 236.9 36.57 238.9 | | | | | Level????) Part of the above SST | - | | Cal 1.5 | | W6 | | Fr | 2 to 4 | 2.37 | 92 | R7 | Ex |
| KAV06-004C | | | | | | 230.31 23 | 00.07 230. | 1.94 | | | 331 | As above SST, except for fewer | - | | | | | | | | | | | |
| RAV06-004C | 3 | 2.9 | 2.86 | 99 | 238.51 | 23 | 88.51 239.2 | 25 0.74 | | | SST | fossils | - | | Cal Tr | | W6 | | Fr | 1 to 3 | 1.41 | 100 | R7 | Ex |
| RAV06-004C | | | | | | | 39.25 241.3 | | | | | | - | | | | | | | | | | | |
| RAV06-004C | | | | | | 241.41 24 | 11.37 241.4 | ! 1 | | 0.04 | | As above SST, but with more SH | - | | | | | | | | | | | |
| | | | | | | | | | | | | Stringers. Sh Stringers have a BCN | | | | | | | | | | | | |
| | | | | | | | | | | | | of 10 degrees, Clam and coral fossils | 3 | | | | | | | | | | | |
| RAV06-004C | 4 | 2.9 | 2.9 | 100 | 241.41 | | 11.41 242.2 | | | | | through out. | - | | Cal 2 | | W6 | | Fr | 1 to 3 | 2.4 | 88 | R7 | Ex |
| RAV06-004C | | | | | | 244.31 24 | 12.22 244. | 2.09 | | | SST | Part of the above SST AS above SST, but more Sh | - | | | | | | | | | | | |
| RAV06-004C | 5 | 2.9 | 2.9 | 100 | 244.31 | 24 | 14.31 245. ⁻ | 15 0.84 | | | SST | Stringers (BCN 10) | <u>-</u> | | Cal 2 | | W6 | | Fr | 1 to 2 | 2.06 | 100 | R7 | Ex |
| RAV06-004C | | | | | | 247.21 24 | | | | | | Part of the above SST | - | | | | | | | | | | | |
| | | | | | | | | | | | | 700/ CCT 9 200/ CLL Masslad | | | | | | | | | | | | |
| | | | | | | | | | | | | 70% SST & 30% SH, Mottled appearance, numerous SH Stringers | | | | | | | | | | | | |
| | | | | | | | | | | | | in SST. SST: greyish green coarse | | | | | | | | | | | | |
| | | | | | | | | | | | | grained, SH: black, massive. Over | | | | | | | | | | | | |
| RAV06-004C | 6 | 2.9 | 2.9 | 100 | 247.21 | 24 | 17.21 248.0 | 0.79 | | | SST/SH | run fossils & plant material present. | - | | Cal 1 | | W6 | | Fr | 1 to 3 | 1.27 | 100 | R7 | Ex |

| | | 95% SST 5% SH SST: greenish | | | | | | | | | | | | |
|---|-----------------------|--|----------|---------|------------|----------------------|----------|------|----|--------|-------|------------|----------|--------------|
| | | grey, coarse grained well sorted, | | | | | | | | | | | | |
| | | massive, SH: black massive, numerous fossils (Calms and coral), | | | | | | | | | | | | |
| RAV06-004C 248.00 248.13 RAV06-004C 248.13 249.99 | | H wispy SH Stringers @ no one BCN H Part of the above SST | - | - | - | - | W6 | | Fr | 1 to 3 | 1.51 | 100 | R7 | Ex |
| KAVU0-004C 240.13 243.99 | 1.00 | 1 Fait of the above 551 | - | | | | | | | | | | | |
| | | Greyish white, coarse grained, well rounded, several fossils, several tiny | | | | | | | | | | | | |
| | | coal spars, and a few Sh Stringers, | | | | | | | | | | | | |
| RAV06-004C 250.11 249.99 250.11 | 0.12 SST | one calcite with BCN of 60 degrees | - | | Cal | 1 | W6 | | Fr | 2 | 1.28 | 100 | R7 | Ex |
| | | Greyish white, coarse grained, well | | | | | | | | | | | | |
| | | rounded, several fossils, several tiny coal spars, and a few Sh Stringers, | | | | | | | | | | | | |
| RAV06-004C 7 2.9 2.9 100 250.11 251.19 | | one calcite with BCN of 60 degrees | - | | Cal | 1 | W6 | | Fr | 2 | 1.28 | 100 | R7 | Ex |
| RAV06-004C 251.19 252.28 | 1.09 SST | Part of the above SST | - | | | | | | | | | | | |
| | | Greyish black, mottled appearance, numerous clam and coral fossils, | | | | | | | | | | | | |
| RAV06-004C 253.01 252.28 253.01 | 0.73 SST/SH | SST: as above, SH: black massive | - | | Cal | Tr | W6 | | Fr | 2 | 1.37 | 100 | R7 | Ex |
| | | SST, greyish white, coarse grained, | | | | | | | | | | | | |
| RAV06-004C 8 2.9 2.9 100 253.01 253.01 253.34 | 0.33 SST | fossils, 95% SST, 5% SH Stringers | - | | - | - | W6 | | Fr | 3 | 3.03 | 100 | R7 | Ex |
| | | SST: As Above SST, SH Stringers: black massive, BCN equals 7 | | | | | | | | | | | | |
| DAVOS 0040 | 0.50 | degrees, one SH bed (2cm thick) | | | 0-1 | | 14/0 | | F- | 0 | 0.00 | 00 | D.7 | F |
| RAV06-004C 253.34 253.87 RAV06-004C 253.87 254.63 | | H with a BCN of 8 degrees. H Part of the above SST/ SH interval | - | | Cal | 1 | W6 | | Fr | 3 | 2.33 | 93 | R7 | Ex |
| | | SST: greyish white, coarse grained, fossils, One (22 cm long and 1mm | | | | | | | | | | | | |
| | | thick) calcite vein running along the | | | | | | | | | | | | |
| RAV06-004C 255.91 254.63 255.91 RAV06-004C 9 2.9 2.3 79 255.91 255.94 255.94 | 1.28 SST 0.03 SST | length of the core Part of above interval | - | | Cal | 1 | W6 W6 | | - | - | - | 100 100 | R7 R7 | Ex Ex |
| RAV06-004C 255.94 256.13 | | As above SST | | | | | W6 | | 0 | 0 | 0 | 100 | R7 | Ex |
| | | 80% SST as above 20% Mottled appeance, 0 degrees BCN on SH | | | | | | | | | | | | |
| B.V/00.004.0 | 0.00 | Stringer, fossils, plant material, and | | | | | 14/0 | | | | | | | |
| RAV06-004C 256.82 256.82 RAV06-004C 256.82 257.1 | | 1 coal spars 1 Part of above interval | - | - | - | - | W6 | - | | | | | | |
| RAV06-004C 257.10 257.2 RAV06-004C 257.20 257.80 | 0.10 SST/SH 0.60 | H Roof Sample :Part of above interval Coal Loss? | | | | 10305 | | | | | | | | |
| | | | | | | | | | | | | | | |
| RAV06-004C 257.80 257.87 RAV06-004C 257.87 257.98 | 0.07 Coal 0.11 SLT | Bright, solid, 1cm thick parting, light Crushed, rubbly SLT Parting | Py Py | 1 Tr | Cal Cal | Tr 10306 Tr 10306 | W6 W6 | 1 cm | - | - | - | 0 | R2 R7 | Good Poor |
| | | Bright, solid, well cleated, 2cm | ., | | | | | | | | | | | |
| | | cleats, cubic cleavage, hard and light, vitreous sheen, one (1mm | | | | | | | | | | | | |
| RAV06-004C 257.98 258.37 | 0.39 Coal | thick) SLT Parting & one (1mm thick) | Ру | 1 | Cal | 1 10306 | W6 | | Fr | 0 | 10.25 | 49 | R2 | Fair |
| | | Broken & crushed, rubbly bright coal, | ГУ | ' | Cai | | | | 11 | U | 10.23 | 43 | | ı alı |
| RAV06-004C 258.37 258.43 | 0.06 Coal | mixed with clasts of SLT Floor Sample Black, carboneous, | - | - | - | - 10306 | W6 | | - | - | - | 0 | R2 | Poor |
| RAV06-004C 258.43 258.53 | 0.10 SH | coal spars | - | | Cal | 1 10307 | W6 | | | | | 0 | R3 | Poor |
| RAV06-004C 258.81 258.53 258.81 RAV06-004C 10 2.9 2.88 99 258.81 258.81 258.83 | 0.28 SH 0.02 | Part of above interval Rock Loss | | | | | | | | | | | | |
| RAV06-004C 258.83 259.00 | 0.17 SLT/Sh | Broken & crushed, 80% SLT & 20% | | | | | W6 | | | | -40 | 0 | De | Door |
| | | Mottled Apearance, numerous | - | | | | | | | | <40 | 0 | R6 | Poor |
| RAV06-004C 259.00 259.71 | 0.71 SST/SH | fossils, SH Stringers, SST: greyish | - | | | | W6 | | Fr | 2 | 2.82 | 100 | R7 | Ex |
| | | SST: greyish white, coarse grained, | | | | | | | | | | | | |
| | | well sorted and rounded, fossils, plant material, 95% SST & 5 % SH | | | | | | | | | | | | |
| RAV06-004C 259.71 260.52 RAV06-004C 261.71 260.52 261.71 | | Stringers, BCN of 10 degrees Part of above interval | - | | | | W6 | | | | | 100 | R7 | Ex |
| RAV06-004C 261.71 260.52 261.71 | 1.19 SST | Greyish White, coarse grained, well | | | | | | | | | | | | |
| | | rounded, well sorted. Fractures are along sh stringers. A few fossils, 98% | | | | | | | | | | | | |
| RAV06-004C 11 2.9 2.9 100 261.71 261.71 263.43 | | SST & 2% SH | - | | Cal | Tr | W6 | | Fr | 3 | 1.75 | 100 | R7 | Ex |
| RAV06-004C 264.61 263.43 264.61 | 1.18 SST | Part of above interval | | | | | | | | | | | | |

| RAV06-004C | 12 | 2.9 | 2.9 | 100 | 264.61 | | 264.61 | 265.78 | 1.17 | SST As above SST 90% Shale& !0% | COT SH-black | | | | | | Fr | 10 | 2.46 | 100 | R7 |
|----------------|----|------|------|-----|--------|--------|--------|--------|------|--|---------------------------------------|----|-----|----|-------|------|---|--------|------|-----|---------|
| | | | | | | | | | | massive. Two (0 | , | | | | | | | | | | |
| V06-004C | | | | | | | 265.78 | 265.87 | 0.09 | SH/SST beds of brightly | | | | | | W6 | | | | 0 | R6 |
| 4V00-004C | | | | | | | 203.70 | 203.07 | 0.09 | | coarse grained, well | | | | | VVO | | | | U | IΛΟ |
| | | | | | | | | | | | rted. Fractures are | | | | | | | | | | |
| | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | rs, fossils, 95% SST | | | | | | | | | | |
| RAV06-004C | | | | | | | 265.87 | 266.22 | 0.35 | SST/SH & 5% SH | - | | | | | W6 | Fr | 1 to 3 | 1.22 | 100 | R7 |
| RAV06-004C | | | | | | 267 51 | 266.22 | | 1.29 | SST/SH Part of above int | | | | | | VVO | | 1 10 5 | 1.22 | 100 | 177 |
| 10,000,0040 | | | | | | 207.01 | 200.22 | 207.01 | 1.25 | | oarse grained, well | | | | | | | | | | |
| RAV06-004C | 13 | 1.68 | 1.68 | 100 | 267.51 | | 267.51 | 269 04 | 1.53 | SST rounded, well so | | | | | | W6 | Fr | 1 | 2.38 | 100 | R7 |
| RAV06-004C | 10 | 1.00 | 1.00 | 100 | 207.01 | 269 19 | | 269.19 | 0.15 | SST Part of above int | | | | | | *** | • | • | 2.00 | 100 | 1.17 |
| | | | | | | 2000 | | 2000 | 00 | | oarse grained, well | | | | | | | | | | |
| RAV06-004C | 14 | 2.9 | 2.9 | 100 | 269.19 | | 269.19 | 271.99 | 2.8 | SST rounded, well so | · · · · · · · · · · · · · · · · · · · | | | | | W6 | Fr | 10 | 3.45 | 100 | R7 |
| RAV06-004C | | | | | | 272.09 | 271.99 | | 0.1 | SST Part of above int | | | | | | | Fr | 2 | 1 | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | Greyish white, c | oarse grained, well | | | | | | | | | | |
| | | | | | | | | | | rounded, well so | rted There are a | | | | | | | | | | |
| | | | | | | | | | | series of thin SH | l beds in the middle | | | | | | | | | | |
| RAV06-004C | 15 | 2.9 | 2.9 | 100 | 272.09 | | 272.09 | 274.90 | 2.81 | SST of the run, with a | BCN of 10 degrees - | | | | | W6 | Fr | 3 | 2.06 | 100 | R7 |
| RAV06-004C | | | | | | 274.99 | 274.90 | 274.99 | 0.09 | SST Part of above int | erval | | | | | | | | | | |
| | | | | | | | | | | Greyish white, c | oarse grained, well | | | | | | | | | | |
| RAV06-004C | 16 | 2.9 | 2.9 | 100 | 274.99 | | 274.99 | 276.99 | 2 | SST rounded, well so | | | | | | W6 | Fr | 2 | 1 | 100 | R7 |
| | | | | | | | | | | Carboneous MS | | | | | | | | | | | |
| RAV06-004C | | | | | | | | 277.07 | 0.08 | MST massive, soft, P | • | 2 | | | | W6 | | | | 100 | R4 |
| RAV06-004C | | | | | | | 277.07 | 277.17 | 0.1 | | art of above interval | | | | 10308 | | | | | | |
| | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | eous sheen, 80% | | | | | | | | | | |
| | | | | | | | | | | Bright & 20% Du | | | | | | | | | | | |
| | | | | | | | | | | cleavage, pyrite | | | | | | | | | | | |
| | | | | | | | | | | | MST stringers in the | | | | | | | | | | |
| RAV06-004C | | | | | | | 277.17 | 277.39 | 0.22 | Coal coal | Ру | 1 | | | 10309 | W6 | | | | 100 | R2 |
| D 43 /00 00 40 | | | | | | | | 077.40 | 0.00 | | | | | | 40000 | | | | | | |
| RAV06-004C | | | | | | | 277.39 | 277.42 | 0.03 | | out broken & crushed | | | | 10309 | | | | | | |
| DAV (00 00 40 | | | | | | | 077.40 | 077.50 | 0.4 | Carboneous MS | | 4 | 0-1 | | 10010 | 14/0 | | | | 400 | D.4 |
| RAV06-004C | | | | | | | 277.42 | | 0.1 | MST massive, soft, P | | 1 | Cal | 1 | 10310 | W6 | | | | 100 | R4 |
| RAV06-004C | | | | | | | 277.52 | 277.66 | 0.14 | MST Part of above int | | | | | | | | | | | |
| RAV06-004C | | | | | | | 277.66 | 277.82 | 0.16 | SST rounded, well so | oarse grained, well | | | | | W6 | | | | 100 | R7 |
| RAV06-004C | | | | | | 277 90 | 277.82 | | 0.16 | SST Part of above int | | | | | | VVO | | | | 100 | K/ |
| RAV06-004C | 17 | 2.9 | 2.88 | 99 | 277.89 | 211.09 | 277.89 | | 0.07 | SST Part of above int | | | | | | | | | | | |
| INAV00-004C | 17 | 2.5 | 2.00 | 99 | 211.09 | | 211.09 | 211.51 | 0.02 | | % SH, SST: greyish | | | | | | | | | | |
| | | | | | | | | | | white coarse gra | | | | | | | | | | | |
| | | | | | | | | | | massive, in the f | | | | | | | | | | | |
| | | | | | | | | | | BCN equals 0 de | o , | | | | | | | | | | |
| RAV06-004C | | | | | | 280.79 | 277 91 | 280.79 | 2.88 | SST/SH material and fos | | | | | | W6 | Fr | 3 | 1.77 | 90 | R7 |
| 10,000,00 | | | | | | 200.73 | 211.01 | 200.75 | 2.00 | As above unit, b | | | | | | *** | | | 1.77 | 30 | 1 1 1 |
| RAV06-004C | 18 | 2.9 | 2.9 | | 280.79 | | 280 79 | 282.50 | 1.71 | SST/SH forward BCN in | | | | | | W6 | Fr | 3 | 2.29 | 100 | R7 |
| | .0 | 2.0 | 2.0 | | 2000 | | 2000 | 202.00 | | | ined, massive, well | | | | | | • • | · · | 2.20 | .00 | • • • • |
| | | | | | | | | | | sorted. 3% SH S | Stringers minor | | | | | | | | | | |
| RAV06-004C | | | | | | 283 69 | 282.50 | 283 69 | 1.19 | SST amount of fossils | | | | | | W6 | Fr | 2 to 3 | 4.21 | 86 | R7 |
| | | | | | | 200.00 | 202.00 | 200.00 | | | ourse grained, well | | | | | | | | | | |
| RAV06-004C | 19 | 2.9 | 2.9 | 100 | 283.69 | | 283.69 | 284.44 | 0.75 | SST rounded, 4 SH s | tringers - | | | | | W6 | Fr | 3 | 2.67 | 88 | R7 |
| RAV06-004C | | | | | | | | 284.48 | 0.04 | SH Broken, crushed | | | | | | W6 | Fr | | <50 | 0 | R6 |
| RAV06-004C | | | | | | | 284.48 | | 0.17 | SLT/SH SLT: grey, mass | | Tr | Cal | Tr | | W6 | Fr | 3 | 5.89 | 65 | R6 |
| | | | | | | | | | | 80% SST & 20% | SH, SST: whitish | | | | | | | | | | |
| | | | | | | | | | | | ned, well sorted & | | | | | | | | | | |
| | | | | | | | | | | rounded. SH: bla | ack, massive, SH | | | | | | | | | | |
| | | | | | | | | | | | 7 degrees. The run | | | | | | | | | | |
| | | | | | | | 284.65 | 285.23 | 0.58 | SST/SH contains coal sp | | Tr | Cal | 1 | | W6 | Fr | 2 | 1.72 | 100 | R7 |
| RAV06-004C | | | | | | 286.59 | | 286.59 | 1.36 | SST/SH 96% SST & 20% | | Tr | Cal | Tr | | W6 | Fr | 10 | 2.84 | 96 | R7 |
| | | 2.9 | 2.9 | 100 | 286.59 | | | 286.64 | 0.05 | SST/SH Part of above int | | | | | | | | | | | |
| RAV06-004C | 20 | 2.9 | | | | | | | | Coarse grained, | | | | | | | | | | | |
| RAV06-004C | 20 | 2.9 | | | | | | | | | groyion winto, won | | | | | | | | | | |
| RAV06-004C | 20 | 2.9 | | | | | | | | | e (1 by 3cm) fossils. | | | | | | | | | | |
| RAV06-004C | 20 | 2.9 | | | | | | | | sorted, two large | | | | | | | | | | | |
| RAV06-004C | 20 | 2.9 | | | | | | | | sorted, two large These fossils are | e (1 by 3cm) fossils. | | | | | | | | | | |

| | | | | | | | | | | | As always but them are 0.70 Oct | | | | | | | | | | | | | |
|------------|----|------|------|-----|--------|--------|------------------|--------|------|--------------|--|-----|-----|-----|-----|-------|-----|-----------|----|----------|-------|-----|----|------|
| | | | | | | | | | | | As above, but there are 3 (2-3cm thick) layers that have a light green | | | | | | | | | | | | | |
| | | | | | | | | | | | alteration to them. Within these | | | | | | | | | | | | | |
| | | | | | | | | | | | zones, disseminated pyrite has | | | | | | | | | | | | | |
| | | | | | | | | | | | accumalated. From the top of the run, depths are 0.92-0.95m, 2.81- | | | | | | | | | | | | | |
| RAV06-004C | 21 | 2.9 | 2.9 | 100 | 289.49 | 292.39 | 289.49 | 292.39 | 2.9 | SST | the state of the s | Ру | 2 | Cal | Tr | | W6 | | Fr | 3 to 5 | 3.07 | 92 | R7 | Ex |
| | 22 | 2.9 | 2.86 | 99 | 292.39 | | 292.39 | | | 0.04 | Rock Loss | . , | _ | | | | | | | | | | | |
| | | | | | | | | | | | 98% SST & 2% SLT, SST: coarse | | | | | | | | | | | | | |
| | | | | | | | | | | | grained, whitish grey, well rounded | | | | | | | | | | | | | |
| | | | | | | | | | | | and sorted, massive, SH Stringers, coal spars, pyrite smears, Iron | | | | | | | | | | | | | |
| RAV06-004C | | | | | | 295.29 | 292.43 | 295.29 | 2.86 | SST/SL | T Staining (Hematite) | Ру | 1.5 | Cal | 0.5 | | W6 | | Fr | 5 to 10 | 3.15 | 97 | R7 | Ex |
| RAV06-004C | | | | | | | | | | | , | Hm | 1 | | | | | | | | | | | |
| RAV06-004C | 23 | 2.9 | 2.73 | 94 | 295.29 | | 295.29 | 295.69 | 0.4 | SST/SL | T As above SST/SLT | Ру | 1.5 | Cal | 0.5 | | W6 | | Fr | 3 | 7.5 | 72 | R7 | Good |
| | | | | | | | | | | | SLT: greyish black, fine grained, SH: Black, massive, 60% SLT & 38% SH | | | | | | | | | | | | | |
| | | | | | | | | | | | & 2% SST. SST Stringers, the SST | | | | | | | | | | | | | |
| | | | | | | | | | | | is like above SST, and the stringers | | | | | | | | | | | | | |
| | | | | | | | | | | 0.70 | have a BCN of 10, coal spars, plant | | | | | | | | _ | _ | | | | _ |
| RAV06-004C | | | | | | | 295.69 | 296.46 | 0.77 | SL1/SF | H material | - | | | | | W6 | | Fr | 3 | 5.19 | 100 | R6 | Ex |
| | | | | | | | | | | | SH: black, massive, numerous coal | | | | | | | | | | | | | |
| | | | | | | | | | | | spars, pyrite veinlets and calcite | | | | | | | | | | | | | |
| RAV06-004C | | | | | | | | 297.34 | 0.88 | | H veins both forming along fractures | Ру | 1.5 | Cal | 1 | | W6 | | Fr | 5 | 4.45 | 100 | R6 | Ex |
| RAV06-004C | | | | | | | 297.34 | 297.44 | 0.1 | Carb. S | H Roof Sample, Part of above interval Black, bright and dull, well banded, | | | | | 10311 | | | | | | | | |
| | | | | | | | | | | | thin vitreous cleats, orothorombic | | | | | | | | | | | | | |
| | | | | | | | | | | | cleavage, pyrite veinlets and smears. | | | | | | | | | | | | | |
| | | | | | | | | | | | Bubbles loudly over the coal when | | | | | | | | | | | | | |
| RAV06-004C | | | | | | | 007.44 | 297.83 | 0.00 | Cool | wet, hard and light, 70% bright & 30% dull | D | 4.5 | | | 10312 | MC | | F | 4 | 40.05 | 64 | DO | 0 |
| RAV06-004C | | | | | | | 297.44 297.83 | | 0.39 | Coal 0.17 | Coal Loss | Ру | 1.5 | | | 10312 | W6 | | Fr | 4 | 10.25 | 64 | R2 | Good |
| 1010000040 | | | | | | | 207.00 | 250.00 | | 0.17 | 30ai 2000 | | | | | | | | | | | | | |
| | | | | | | | | | | | Parting Sample, SH: black, masive, | | | | | | | | | | | | | |
| RAV06-004C | | | | | | 298.19 | 298.00 | 298.19 | 0.19 | Carb. Si | H numerous coal spars and beds, soft | Ру | 2 | Cal | Tr | 10313 | W6 | | Fr | 0 | 15.78 | 65 | R6 | Good |
| | | | | | | | | | | | Black, vitreous sheen, first 10 and last 5 cm are broken and crushed, | | | | | | | | | | | | | |
| | | | | | | | | | | | thinly cleated (less then 1mm) very | | | | | | | | | | | | | |
| | | | | | | | | | | | light, Bubbled alll over the coal when | | | | | | | | | | | | | |
| RAV06-004C | 24 | 2.90 | 2.90 | 100 | 298.19 | | 200.40 | 298.40 | 0.21 | Cool | sprayed, Pyrite smears in the fracture faces. | Py | 4 | Cal | Tr | 10314 | W6 | >1mm | Fr | 3 | 4 | 50 | Do | Fair |
| RAV06-004C | 24 | 2.90 | 2.90 | 100 | 290.19 | | | 298.69 | 0.21 | Coal | | Ру | 1 | Cai | 11 | 10314 | VVO | >11111111 | FI | 3 | 4 | 50 | R3 | Fall |
| | | | | | | | | | | | Floor Sample SLT: greyish, fine | | | | | | | | | | | | | |
| RAV06-004C | | | | | | | | 298.79 | 0.1 | | LT grained, coal spars, broken | Ру | 1 | | | 10315 | W6 | | Fr | 0 | 10 | 0 | R6 | Fair |
| RAV06-004C | | | | | | | 298.79 | 299.09 | 0.3 | Carb. SL | LT As above Carb. SLT | Ру | 1.5 | | | | W6 | | Fr | | <20 | 53 | R6 | Fair |
| | | | | | | | | | | | SST: grey, coarse grained, massive, | | | | | | | | | | | | | |
| | | | | | | | | | | | SH: black, massive, witha BCN of 10 | | | | | | | | | | | | | |
| RAV06-004C | | | | | | | 299.09 | 299.82 | 0.73 | SST/SF | H degrees, 60% SST, 40% SH | - | | | | | W6 | | Fr | 15 to 20 | 9.59 | 80 | R7 | Fair |
| | | | | | | | | | | | SST:greyish white, coarse grained, massive. SH stringers and coal | | | | | | | | | | | | | |
| | | | | | | | | | | | spars, last 5cm of run, one (1cm | | | | | | | | | | | | | |
| RAV06-004C | | | | | | | 299.82 | 300.42 | 0.6 | SST | thick) coal layer | Ру | Tr | | | | W6 | | Fr | 4 | 5.17 | 80 | R7 | Fair |
| | | | | | | | | | | | Black, soft, fossils, coal spars, Top 7 | | | | | | | | | | | | | |
| | | | | | | | | | | | cm are very carboneous and coaly. As well this 7cm carb. zone is broken | | | | | | | | | | | | | |
| RAV06-004C | | | | | | 301.09 | 300.42 | 301.09 | 0.67 | Carb. Si | H and crushed. | - | | | | | | | | | | | | |
| RAV06-004C | 25 | 2.90 | 2.86 | 99 | 301.09 | | 301.09 | | | 0.04 | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | Thinly interbedded SST & SH with | | | | | | | | | | | | | |
| | | | | | | | | | | | one rubbly zone, (32cm from the top), BCN of 5 degrees, 60% SST & | | | | | | | | | | | | | |
| RAV06-004C | | | | | | | 301.13 | 301.35 | 0.22 | SST/SH | H 40% SH, fossils | - | | Cal | Tr | | W6 | | Fr | 0 | 2.32 | 98 | R7 | Ex |
| RAV06-004C | | | | | | | 301.35 | | 0.64 | | H Part of above interval | | | | | | | | | | | | | |
| | | | | | | | | | | | CCT. manyhybita agains and a " | | | | | | | | | | | | | |
| | | | | | | | | | | | SST: grey/white, coarse grained, well sorted, massive, coal spars, and | | | | | | | | | | | | | |
| RAV06-004C | | | | | | 303.99 | 301.99 | 303.99 | 2.00 | SST | | Hm | Tr | | | | W6 | | Fr | 0 | 0.5 | 100 | R7 | Ex |
| RAV06-004C | 26 | 1.68 | 1.68 | 100 | 303.99 | | 303.99 | 304.21 | 0.22 | SST | As above SST | - | | | | | | | | | | | | |
| RAV06-004C | | | | | | | 304.21 | 305.60 | 1.39 | SST | Part of above interval | | | | | | W6 | | Fr | 7 | 1.86 | 98 | R7 | Ex |
| | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | Thinly interbedded SST & SH, 80% | | | | | | | | | | | | |
|--------------------------|----|------|------|-----|--------|--------|------------------|-------------------|--------------|-----------------|--|--------------|----|-----|----|------|-----------|---|----|-----|-----|-----|-------|
| | | | | | | | | | | | SST & 20% SH, BCN of SH of beds 0 to 10 degrees, fossils, one coal | | | | | | | | | | | | |
| RAV06-004C | | | | | | 305.67 | 305.60 | 305.67 | 0.07 | SST/SH | • • • | - | | | | W6 | Fr | 2 | 4. | .76 | 86 | R7 | EX |
| RAV06-004C | 27 | 2.90 | 2.95 | 102 | 305.67 | | 305.67 | 305.81 | 0.14 | SST/SH | Part of above interval | | | | | | | | | | | | |
| | | | | | | | | | | | Whitish grey & black, coarse grained, | | | | | | | | | | | | |
| | | | | | | | | | | | massive, coal spars, fossils, minor | | _ | | _ | | _ | _ | | | | | _ |
| RAV06-004C RAV06-004C | | | | | | 200 57 | 305.81 | 307.05 | 1.24 | SST | iron staining | Hm | Tr | Cal | Tr | W6 | Fr | 2 | 0. | .71 | 100 | R7 | Ex |
| RAV06-004C | 28 | 2.90 | 2.94 | 101 | 308.57 | 306.57 | 307.05 308.62 | 308.62 310.11 | 1.57 1.49 | SST SST | | Hm | Tr | Cal | Tr | W6 | Fr | 2 | 0 | .34 | 100 | R7 | Ex |
| RAV06-004C | 20 | 2.50 | 2.04 | 101 | 000.07 | 311.47 | 310.11 | | 1.45 | | Part of above interval | 1 1111 | | Oui | ., | **** | | _ | O. | .04 | 100 | 177 | LX |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | As above SST, except for one coal | | | | | | | | | | | | |
| | | | | | | | | | | | bed that splits and rejoins forming a | | | | | | | | | | | | |
| | | | | | | | | | | | "eye shaped" structure (97cm from | | | | | | | | | | | | |
| RAV06-004C | 29 | 2.90 | 2.90 | 100 | 311.47 | | 311.56 | 313.00 | 1.44 | 297 | top of run). First 2 cm of run if broken and crushed bits of SST and Coal. | | | Cal | Tr | W6 | Fr | 3 | 0 | .67 | 99 | R7 | Ex |
| RAV06-004C | 29 | 2.90 | 2.90 | 100 | 311.41 | 314 37 | 313.00 | | 1.44 | SST | Part of above interval | - | | Cai | 11 | VVO | гі | 3 | U. | .07 | 99 | N/ | EX |
| RAV06-004C | 30 | 2.90 | 2.88 | 99 | 314.37 | 011.01 | | 314.51 | | | Part of above interval | | | | | | | | | | | | |
| | | | | | | | | | | | As above SST, except more Calcite. | | | | | | | | | | | | |
| | | | | | | | | | | | One calcite vein with a BCN of 70 | | | | | | | | | | | | |
| RAV06-004C | | | | | | | | 316.03 | 1.52 | SST | degrees | - | | Cal | 1 | W6 | Fr | 0 | 1. | .06 | 100 | R7 | Ex |
| RAV06-004C RAV06-004C | | | | | | 047.07 | 316.03 317.34 | 317.34 | 1.31 | 0.02 | Part of above interval Rock Loss | | | | | | | | | | | | |
| KAV06-004C | | | | | | 317.27 | 317.34 | 317.30 | | 0.02 | Core appears to be saturated, | | | | | | | | | | | | |
| | | | | | | | | | | | medium grey, f-m gr, qtz- a_r, mod | | | | | | | | | | | | |
| | | | | | | | | | | | sat, minor (<10%) chub, med pros- w | | | | | | | | | | | | |
| | | | | | | | | | | | Ihrs day, mlk gy. Lithic matrix, hd., | | | | | | | | | | | | |
| | | | | | | | | | | | nm calc to med calcab lighter whitish | | | | | | | | | | | | |
| | | | | | | | | | | | seap strength calc-darker calclms | | | | | | | | | | | | |
| | | | | | | | | | | | non calc bdg-faulty 10cm @ 75 degrees c/a, frac @ 318.39 @ 50 | | | | | | | | | | | | |
| RAV06-004C | 31 | 2.47 | 2.93 | 119 | 317 27 | 319 74 | 317.36 | 320.29 | 2.93 | SST | degrees c/a, frac @ 316.39 @ 50 | _ | | | | | | | | | >95 | | |
| 10,1000 0040 | 01 | 2.77 | 2.55 | 113 | 017.27 | 010.74 | 017.00 | 020.20 | 2.50 | 201 | In tact-hd; SS AA appear water | | | | | | | | | | 200 | | |
| | | | | | | | | | | | logged, bdg @ 70-75 c/a, frac | | | | | | | | | | | | |
| RAV06-004C | 32 | 2.89 | 2.89 | 100 | 319.74 | 322.63 | 320.29 | 323.18 | 2.89 | SST | appears bdg pGa frac @ 320.99m | - | | | | | | | | | 100 | | |
| | | | | | | | | | | | SS AA-adcces carb plgs- 2.10-2.36 | | | | | | | | | | | | |
| | | | | | | | | | | | 0(.26) SS/ their k an 11 of carb mat- | | | | | | | | | | | | |
| RAV06-004C | 33 | 2.90 | 2.90 | 100 | 322.63 | | 222.40 | 326.02 | 2.04 | cet | are broken along bdg plane. Bdg @ 75 c/a-0 | | | | | | | | | | 89 | | |
| NAV00-004C | 33 | 2.90 | 2.90 | 100 | 322.03 | | 323.10 | 320.02 | 2.04 | 331 | SS AA 2.50-2.80 minor carb plge // | - | | | | | | | | | 09 | | |
| RAV06-004C | | | | | | 325.53 | 326.02 | 326.08 | 0.06 | SST | | - | | | | | | | | | 89 | | |
| RAV06-004C | 34 | 2.89 | 2.89 | 100 | 325.53 | 328.42 | 326.08 | 328.97 | 2.89 | | Part of above interval | | | | | | | | | | | | |
| RAV06-004C | 35 | 2.90 | 1.99 | 69 | 328.42 | | 328.97 | 329.05 | 0.08 | SST | Part of above interval | | | | | | | | | | | | |
| | | | | | | | | | | | SS m. gy, sl. Carb-gives it darker | | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.05 | 329.28 | 0.23 | SSI | appearance coal dull to vitreous, frag broken, | - | | | | | | | | | 39 | | |
| RAV06-004C | | | | | | | 329.28 | 329.49 | 0.21 | Coal | grinding on top of LC? | _ | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.49 | 329.53 | 0.04 | | mdstn, carb, soft, intact | - | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.53 | 329.55 | 0.02 | Coal | coal-soft A | - | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.55 | 329.63 | 0.08 | | T Carb to coaly mdstn, rubbly | - | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.63 | 329.73 | 0.10 | | T Carb mdstn intact | - | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.73 | 329.77 | 0.04 | | T Carb to coaly mdstn, soft, frag | - | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.77 | 329.83 | 0.06 | Carb MS | T Carb mdstn intact | - | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.83 | 329.86 | 0.03 | Coal/MS | T carb to coaly mdstn, broken, soft,frag | - | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.86 | 329.93 | 0.07 | | ST Coaly mostn/sltstn, intact mod hd | - | | | | | | | | | | | |
| RAV06-004C | | | | | | | 329.93 | 329.98 | 0.05 | | STCoaly mdstn, broken, frag | - | | | | | | | | | | | |
| | | | | | | | | | | , | Carb sltstn, gritty, off gy, intact, with | | | | | | | | | | | | |
| RAV06-004C | | | | | | 00: | 329.98 | 330.96 | 0.98 | | T occas.ply coal w dyn | - | | | | | | | | | | | |
| RAV06-004C RAV06-004C | 36 | 1.52 | 1.42 | 93 | 331.32 | 331.32 | 330.96 331.87 | 331.87 | | 0.91 0.07 | Coal & Rock Loss Rock Loss | | | | | | | | | | 100 | | |
| RAV06-004C | 30 | 1.32 | 1.42 | 93 | 331.32 | | 331.87 | 331.94 | 0.20 | | T sl. Carb. Sltstn-intact | | | | | | | | | | 100 | | |
| RAV06-004C | | | | | | | 332.14 | 332.14 | 0.20 | | T si. Carb. Silstiffinact ST carb mdstn/coal splits, soft, ply., | | | | | | | | | | | | |
| 32 22 . 3 | | | | | | | | ···· - | | 5.1.2 mg | ,,,, | | | | | | | | | | | | |
| | | | | | | | | | | | v. sl. Carb slty mdstn, intact fract @ | | | | | | | | | | | | |
| RAV06-004C | | | | | | | 332.16 | 332.37 | 0.21 | | base of run @ 45 degrees 45 c/a | - | | | | | | | | | | | |
| RAV06-004C | 27 | 0.74 | 4.0 | | 222.04 | 332.84 | 332.37 | 333.39 | 1.02 | | AA occas coal splits, more carb | | | | | | | | | | | | |
| RAV06-004C RAV06-004C | 37 | 2.74 | 1.6 | 58 | 332.84 | | 333.39 334.53 | 334.53 334.63 | 0.10 | 1.14 Carb SE | Coal & Rock Loss H Blk, massive, f.g. fossils | | | Cal | Tr | W6 | Massive | | | | 100 | R6 | Fair |
| 11A V 00-004C | | | | | | | JJ-1.JJ | JJ4.UJ | 0.10 | Caib SF | 1 Din, 111033176, 1.y. 1033113 | | | Oai | " | VVO | IVIUSSIVE | | | | 100 | 110 | ı all |

| | | Greyish black, "mottled" appearance. One (1cm thick) coal stringer, with | | | | | | |
|---|--|---|--------|-------------|-------------|------------------|-----------------------|------------|
| RAV06-004C RAV06-004C | 334.63 335.17 0.54 | Carb. SLT calcite vein Greyish white SLT that is fine | - (| Cal Tr | W6 Fr SS | 5 to 7 5. | 56 46 41 | R6 Fair |
| | 335.17 335.34 0.17 | grained & massive, 20% SH beds. SLT The shale has a BCN of 7 degrees | - (| Cal 1.5 | W6 SS | 65 4. | 34 88 | R6 Fair |
| | 335.34 335.63 0.29 335.63 335.73 0.10 | SLT Part of above interval SLT Roof Sample Part of above interval MIGHT BE SLOUGH FROM | | 10316 | | | | |
| RAV06-004C | 335.73 335.88 0.15 | ABOVE, Broken & crushed, compacted bits of coal & shale, 70% Coal/SH Coal & 30% Sh | - | 10317 | W6 | <1 | 100 0 | R2 V. Poor |
| | | Floor Sample Interbedded SLT & SH, 80% SLT & 20% SST. The interval has a mottled appearance. Numerous fossils through out. SLT: grey, fine grained. SST: Greyish | | | | | | |
| RAV06-004C RAV06-004C 335.58 | 335.88 335.98 0.10 335.98 336.14 0.16 | white, coarse to medium, massive. SLT/SST Calcite stringers & Coal stringers. SLT/SST Part of above interval | - | Cal 2 10317 | W6 Fault | 80 0. | .46 83 | R7 Good |
| | 336.14 338.16 2.02 | SLT/SST Part of above interval | | | | | | |
| | | SST with a Calcite Matrix, interbedded with wispy SH beds, 90% SST, 10% SH, SST: coarse grained, grey, massive. SH: Black, massive, thin beds, (>3mm) BCN of SH: 3 degrees, fossils through out | | | | | | |
| | 338.16 338.21 0.05 | the interval. Last few cm are broken SST/SH and crushed. | - (| Cal 2 | W6 Fr | 5 0 | .2 90 | R7 Ex |
| RAV06-004C 338.32 | 338.21 338.88 0.67 | SST/SH Part of above interval Broken, crushed chunks of black | | | | | | |
| RAV06-004C 39 2.74 2.68 98 338.32 | 338.88 338.94 0.06 | Carb. SH shale | - (| Cal Tr | W6 | <1 | 100 0 | R6 Poor |
| | 338.94 341.12 2.18 341.12 341.41 0.20 | Interbeded SLT & SST, that coarsens up towards the bottom of the run. 35% SLT& 55% SST &10% SH Stringers. Some iron staining towards the bottom of the run. SST: Greyish white, coarse grained, massive, with calcite in the matrix. SLT: Dark grey, fine grained massive. SH: (thin beds >1cm) black, massive, BCN of 5 degrees. Minor amount of coal spars in the interval. As measured froom the top of the interval, 1.42-1.51m, there is a strange broken rubbly interval. Its consists of calcite veins, SST layers and a brown SLT. The SLT has a concodail fracture, vitreous sheen, massive, very hard, covered in iron SLT/SST Bott of show interval. | Hm 1 C | Cal 3 | W6 Fr | 5 4. | 4 5 9 0 | R7 Fair |
| | 341.12 341.41 0.29 341.41 341.47 0.06 | SLT/SST Part of above interval SST Rock Loss Greyish white, very coarse grained, well rounded, massive, iron staining along fractures faces. From top of run (17cm to 18cm) a 1 cm thick broken shale layer with iron staining | | | | | | |
| RAV06-004C 341.06 | | SST on either side. | Hm 1 (| Cal 1 | W6 Fr | 5 1. | .01 99 | R7 Ex |
| RAV06-004C 40 2.82 2.82 100 341.06 RAV06-004C 343.88 | 341.62 344.09 2.47 344.09 344.44 0.35 | SST Part of above interval SST Part of above interval | | | | | | |
| RAV06-004C 41 2.90 2.90 100 343.88 | 344.44 346.85 2.41 | SST As above SST | Hm 1 (| Cal 1 | W6 Fr | 4 1. | .65 100 | R7 Ex |
| | 346.85 347.34 0.49 347.34 347.46 0.12 | SST Part of above interval SST Part of above interval | | | | | | |
| NAVUU-UU4C 42 2.90 2.90 100 346./8 | 341.40 U.1Z | As above SST, but several zones in | | | | | | |
| RAV06-004C | 347.46 349.90 2.44 | the interval are much coarser in grain SST size | Hm 1 (| Cal 1 | W6 Fr | 3 2. | .52 100 | R7 Ex |
| | 349.90 350.24 0.34 | SST Part of above interval | • | | | - - · | | |

| | As above SST, but with a BCN of 10 | | | | |
|---|--|------------------|---------------------|------------------------|-------------------------|
| RAV06-004C 43 2.9 3.04 105 349.68 350.24 352.84 | | HM 1 Cal | 1 W6 | Fr 10 | 1.02 100 R7 Ex |
| RAV06-004C 352.84 353.18 | Broken & Crushed chunks of interbedded SLT & SST with SH Stringers. SLT: brown fine grained, iron stained, SST: light grey, coarse | | | | |
| RAV06-004C 352.58 353.18 353.28 | grained, SH: black, massive, wispy 0.1 SLT/SST layers. | Hm 1 Cal | 1 W6 | Fr | <50 0 R6 Poor |
| RAV06-004C 44 2.90 2.90 100 352.58 353.16 353.28 353.34 | | Hill I Cal | 1 WO | ГІ | <50 0 R0 F001 |
| RAV06-004C 353.34 355.41 | As above SST , except for one 14cm SLT/SH band 1.35m from the top of | Hm 1 Cal | 1 W6 | Fr 10 | 2.42 89 R7 Good |
| RAV06-004C 355.41 355.63 356.18 | 0.55 SLT/SH Part of above interval | Hm 2 Cal | 1 W6 | 3mm Fr 10 | 18.18 47 R6 Fair |
| RAV06-004C 45 2.90 2.89 99.7 355.48 356.18 358.40 | As above SLT/SH, except this interval is broken and crushed, and is much more carboneous. Plant 2.22 SLT/SH Material & fossil through out. | Hm 1 Cal | 1 W6 | 1cm Fr 5 to 10 |) <20 19 R6 Poor |
| | · · | Julian | - | - 10 10 | 20 10 100 |
| RAV06-004C 358.50 358.50 358.50 | 75% Coal & 25% Shale Semi-solid core that is broken in places. Bubbles of gas coming out of 3 or 4 main vugs. SH beds (1mm to 1cm) are in between the coal layers. The coal is mostly made up of thin beds (>1cm) of dull black coal. Only 10% bright coal. The bright coal has orthorhombic cleavage, and a vitreous sheen. CBM for the entire Coal Seam: Loud hissing coming | Py 1 Cal | 10319 1 10320 W6 | 0.5 to 1cm Fr 5 to 10 |) <20 0 R2 Fair |
| RAV06-004C 358.56 358.78 RAV06-004C 358.78 358.79 | 0.22 Shaly Coa Part of above interval 0.01 Coal Loss | ry i Cai | 10320 W6 | 0.5 to 1011 FI 5 to 10 |) <20 0 N2 Fall |
| RAV06-004C 358.79 358.86 | Bright and dull, light, bubbles of gas coming out at four or five main points. The bright layers are thinly cleated (>2mm), but the cleavage is orthorhombic, calcite and pyrite smears concentrated on fravture faces and cleats. Hard, but brittle, | - | 10321 W6 | | 0 R7 Ex |
| RAV06-004C 358.38 358.86 359.08 RAV06-004C | 0.22 Coal semi-solid in core barrel. | Py 1 As 1 | 10322 | Fr 5 Fr 65 | 13.63 0 R2 Fair 4.54 |
| RAV06-004C 46 2.90 2.07 71 358.38 359.08 359.91 | 0.83 Coal Loss | 7.0 | | 11 03 | |
| | Broken and crushed chunks of bright (51%) and dull (49%) coal. Bright layers have a vitreous sheen, and 1mm cleats. Dull layers is very hard, but light. As and Py smears are on | | | | |
| RAV06-004C 359.91 360.11 RAV06-004C | 0.20 Coal fracture faces and on the cleats | Py 1 Cal As 1 | 1 10323 W6 | Fr - | <30 0 R2 Poor |
| RAV06-004C 360.11 360.62 | Solid, black, 60% bright & 40% dull, | - | 10324 | | |
| RAV06-004C 360.62 360.85 | one (4cm thick) broken and crushed zone, Bright layers are 1mm to 1cm thick, orthorombic cleavage, and vitreous sheen. Pyrite smears on cleat faces, light and hard. | Py 1 Cal | Tr 10325 W6 | Fr 5 | 8.69 50 R2 Fair |

| RAV06-004C 360.85 361.00 | 0.15 Coal | Dull & Bright, 61% dull and 39% bright. Bright layers, very thinly cleated (1mm to 5mm). Dull layers (clarain to durain), semi bright sheen, light and heavy, irregualar calcite veining on dull layers. 50 cm from the bottom of the run, there is a 4 cm | Ру | 1 | Cal | Tr | 10325 W | 6 Fr | | <50 | 0 | R2 | Poor |
|---|---------------|--|-----|----|-------|----|---------|---|-----------|--------------|-----------|----------|------------|
| RAV06-004C 361.28 361.00 361.98 | 0.98 Coal | zone with several very thin SLT layers. | Ру | 1 | Cal | Tr | 10326 W | 6 Fr | 5 to 20 | 14.29 | 76 | R2 | Ex |
| | | Broken/crushed chunks of bright & semi-dull (Vitrain & Clarain) coal. As smears on the fracture faces. Light, but very hard coal, Several pieces | | | | | | | | | | | |
| RAV06-004C 47 2.90 2.55 88 361.28 361.98 362.19 | | with polished SS. | As | 1 | Cal | Tr | 10327 W | 6 Fr | | <20 | 0 | R2 | Poor |
| RAV06-004C 362.19 362.54 | 0.35 | Coal Loss Broken, crushed, greyish black, fine | | | | | | | | | | | |
| RAV06-004C 362.54 362.61 | 0.07 SLT | | - | | | | 10328 W | 6 Fr | | <20 | 0 | R6 | Poor |
| RAV06-004C 362.61 362.66 | 0.05 Coal | Black, bright and dull, solid Floor Sample, SLT: grey fine grained, massive, numerous coal spars & beds (1mm to 1.5mm thick), Shale stringers, plant material, fossils. The bottom 27cm is a fault zone. Broken crushed SLT with rock | Ру | 1 | Cal | 1 | 10329 W | 6 | | | 0 | R2 | Ex |
| RAV06-004C 362.66 362.76 | 0.10 Carb. Sl | LT flower. | Ру | Tr | | | 10330 W | 6 Fr | 5 to 10 | 5.21 | 73 | R6 | Fair |
| RAV06-004C 362.76 364.23 | | LT Part of above interval | | | | | | | | | | | |
| RAV06-004C 364.18 364.23 364.88 RAV06-004C 48 1.60 1.60 100 364.18 364.88 365.44 | | LT Part of above interval LT As above Carb. SLT | Py | Tr | Cal | 1 | W | 6 Fr | 5.5 | 25 | 0 | R6 | Fair |
| 10000000 40 1.00 1.00 100 004.10 004.00 000.44 | 0.00 | Greyish tan, fine grained, massive, | ı y | | Oui | • | • | , | 0.0 | 20 | U | 110 | I all |
| | | Sharp contact with above unit, SS | | | | | | | | | | | |
| RAV06-004C 365.44 365.60 | 0.16 SLT | are very polished, and with no alteration | | | Cal | 1 | W | 6 Fr | 5.5 | 2.88 | 94 | R6 | Ex |
| RAV06-004C 365.60 366.48 | | Part of above interval | - | | Cai | ' | V | SS | 5.5 65 | 0.96 | 94 | NO | ΕX |
| RAV06-004C 365.78 | 0.00 | Tart of above interval | | | | | | 00 | 00 | 0.50 | | | |
| | | As above SLT, but this interval is | | | | | | | | | | | |
| RAV06-004C 49 2.90 2.90 100 365.78 366.48 367.78 | 1.30 SLT | more carboneous, and has coal | | | | | W | 6 Fr | 10 | 5.38 | 00 | De | Ex |
| RAVU6-004C 49 2.90 2.90 100 365.78 366.48 367.78 | 1.30 SLT | spars SST: very coarse grained, greyish | - | | | | VV | o Fr | 10 | 5.38 | 90 | R6 | EX |
| | | white, massive. SLT: As above SLT, | | | | | | | | | | | |
| RAV06-004C 367.78 368.28 | 0.50 SST/SL | T but with more coal spars | - | | Cal | 1 | W | 6 Fr | 5 | 6 | 98 | R7 | Ex |
| | | Greyish tan, fine grained, massive, | | | | | | | | | | | |
| RAV06-004C 368.28 368.58 | 0.3 SLT | one 2 cm coal bed, 3 cm from the top of the run. | _ | | Cal | Tr | W | 6 Fr | 10 | 2.8 | 97 | R7 | Ex |
| RAV06-004C 368.68 368.58 369.38 | | Part of above interval | | | Cui | •• | • | | | 2.0 | 0. | | LX |
| RAV06-004C 50 2.44 2.44 100 368.68 369.38 370.49 | 1.11 SLT | As above SLT | | | | | W | 6 Fr | 5 | 0.88 | 100 | R6 | Ex |
| | | Greyish white, from fine grained to pebble sized clasts. Matrix: grey white coarse SST. Mixed in the matrix, anagular to sub rounded clasts of quartize, a few wispy SH stringers (odd), 70% SST, 30% | | | | | | | | | | | |
| RAV06-004C 370.49 371.53 | | clasts | - | | Cal | Tr | W | 6 Fr | 5 | 2.22 | 100 | R7 | Ex |
| RAV06-004C 371.12 371.53 371.82 RAV06-004C 51 2.44 2.44 100 371.12 371.82 372.11 | | Part of above interval As above conglomerate | | | Cal | Tr | W | ຄ | | | 100 | R7 | Ex |
| 07 1.12 071.12 071.12 072.11 | United States | 80% SLT, 20%SST, SLT: dark grey, | | | - Our | | | | | | 100 | 1.51 | LA |
| | | fine grained massive, SST: Light | | | | | | | | | | | |
| RAV06-004C 372.11 373.72 | 1.61 SLT/SS | grey & white, coarse grained, ST massive | Dv. | 1 | Col | 4 | 1.4 | 2 F- | 10 | 4 2 4 | 100 | D7 | Ev |
| RAV06-004C 372.11 373.72 RAV06-004C | 5L1/55 | o i iliassive | Ру | ı | Cal | 1 | W | 6 Fr Fr | 10 90 | 4.34 0.62 | 100 80 | R7 R7 | Ex Good |
| ······· | | As above Conglomerate, except for | | | | | | | | 3.02 | 50 | | 2004 |
| | | this interval has pyrite smears | | | | | | | | | | | |
| RAV06-004C 373.56 373.72 374.26 | 0.54 Congl | scattered through out. | Ру | 2 | Cal | 1 | W | 6 Fr Fr | | 3.7 | 53 | R7 | Fair |
| RAV06-004C | | Uneven contact with below | | | | | | Fr | 5 | 3.7 | | | |
| | | Conglomerate, dark grey, fine | | | | | | | | | | | |
| RAV06-004C 52 2.90 2.88 99 373.56 374.26 374.44 | | grained massive | - | | Cal | Tr | W | 6 Fr | 10 | 1.61 | 88 | R7 | Good |
| RAV06-004C 374.44 374.88 | 0.44 SLT | Part of above interval | | | | | | | | | | | |

| | | | | | | | | | | | | The Matrix is made of a coarse grained grey SST. Phenocrysts of quartize & SLT (phenocrysts are subrounded). 88% matrix & 12% phenocrysts. Some iron staining. | | | | | | | | | | | |
|--|----|------|------|-----|--------|---------|----------------------------|----------------------------|----------------------|------|-------------------|--|----------|----------|-----|-----|----------|----------------|---------------|----------------------|-----------|----------|--------------|
| RAV06-004C | | | | | | | 374.88 | 375.68 | 0.8 | | Congl | One (1cm thick) bed of SLT. As above, but with fossils & plant material. As well two (4cm thick) | Hm | 1 | Cal | 1 | W6 | Fr | 5 | 2.5 | 92 | R7 | Good |
| RAV06-004C RAV06-004C RAV06-004C | | | | | | 376 46 | 375.68 377.14 | 377.14 377.14 | 1.46 | 0.02 | SLT | layers of the above congl. Rock Loss | - | | Cal | Tr | W6 | Fr Fault | 7 65 | 2.52 0.84 | 91 | R7 | Good |
| | | | | | | 07 0.10 | 077.11 | 077.11 | | 0.02 | | SLT: Dark grey, fine grained, massive, several carboneous zones, two conglomerate layers with in the SLT. First layer is 7cm thick, second | | | | | | | | | | | |
| RAV06-004C | 53 | 1.68 | 1.68 | 100 | 376.46 | | 377.14 | 377.69 | 0.55 | | SLT | layer is 4 cm thick. | - | | Cal | 1 | W6 | Fr | 15 | 0.99 | 92 | R7 | Good |
| RAV06-004C | | | | | | | 377.69 | 377.88 | 0.19 | | SLT | Part of above interval | | | | | | | | | | | |
| RAV06-004C RAV06-004C | | | | | | 279 11 | 377.88 378.12 | 378.12 | 0.24 0.7 | | • | As above conglomerate As above SLT, but no congl layers | Py Hm | Tr Tr | Cal | 1 | W6 W6 | Fr | 12 | 50 | 83 100 | R7 R7 | Good Good |
| RAV06-004C | 54 | 2.90 | 2.79 | 96 | 378.14 | | 378.82 | | 0.7 | 0.11 | SLI | Rock Loss | 1 1111 | - 11 | | | VVO | | | | 100 | IXI | Good |
| RAV06-004C | | | | | | | 378.93 | 380.41 | 1.48 | | SLT | SLT: Dark grey, soft, becoming carboneous towards the bottom, coal spars. As well one small SLT/SST (layer 10 cm thick), 1.76 from the top of the run. | - | | Cal | 2 | W6 | Fr | 6 | 2.08 | 98 | R7 | Good |
| RAV06-004C | | | | | | | 380.41 | 381.33 | 0.92 | | SLT | Part of above interval | | | | | | | | | | | |
| RAV06-004C RAV06-004C | | | | | | 381.04 | 381.33 | 381.72 | 0.39 | | | As above SLT, but no carboneous zones | - | | | | W6 | Fr Fr | 5 80 | 2.47 1.49 | 90 | R7 | Good |
| RAV06-004C RAV06-004C | 55 | 1.98 | 1.98 | 100 | 381.04 | | 381.72 383.29 | 383.29 383.35 | 1.57 0.06 | | SLT SLT | Part of above interval Part of above interval | | | | | | | | | | | |
| RAV06-004C RAV06-004C RAV06-004C | | | | | | 383.02 | 383.35 | | 0.35 | | | SST matrix. SST: white grey, coarse grained, phenocrsts of quartize & SLT. 65% matrix & 35% phenocrsts. Some iron staining. | Hm | 1 | Cal | 1 | W6 | Fr Fr Fr | 65 80 5 | 2.86 5.71 5.71 | 29 | R7 | Fair |
| RAV06-004C | 56 | 2.90 | 2.95 | 102 | 383.02 | | 383.70 | 383.92 | 0.22 | | Congl | As above congl | | | Cal | 1 | W6 | Fr | 5 | 9.09 | 72 | R7 | Ex |
| RAV06-004C RAV06-004C RAV06-004C | | | | | | 385.92 | 383.92 386.20 386.55 | 386.20 386.55 386.65 | 2.28 0.35 0.10 | | SLT SLT SLT | Dark grey, massive, fine grained, rock flower along fracture faces, several fossils, 3 SST beds (1cm) Part of above interval Roof SamplePart of above interval | · | | | 103 | W6 31 | Fr Fr | 90 80 | 4.54 0.76 | 75 | R7 | Ex |
| | | | | | | | | | | | | Tripped core pipe out of the hole. From the core bit, a bucket full of broken and crushed coal and shale came out. 80% coal, 20% shale. Bright 70% & dull 30% coal. The dull coal has broken into cobble sized chunks, and the bright ranges in size from coarse grained to slightly larger then pebble size. Bright: brittle, black vitreous sheen, orthorombic cleavage, 1mm to 0.5 cm cleats. Dull: very hard, but light, thinly lamiated. We drilled into a fault zone. The shale chunks are near the top, but they most likely a parting, and the | | | | | | | | | | | |
| RAV06-004C RAV06-004C | 57 | 2.90 | 1.37 | 47 | 385.92 | | 386.65 388.02 | 388.02 | 1.37 | 1.53 | Coal | roof rock. Coal Loss | Ру | 1 | | 103 | 32 | | | <100 | 0 | R2 | V. Poor |
| RAV06-004C | | | | | | 500.02 | 300.02 | 309.33 | | 1.55 | | EOAL Loss EOH: Hole was stopped on July 11/06, we had to trip out to unplug the bit, and we were unable to trip back in past 357m. | | | | | | | | | | | |

| DH_ID F | Run # CoreDrilled | Core Rec'd | Percent | Driller's D | Denth \ | Written L | loa | | Corrected | | | | 1 | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|--------------------|--------------|-----------|-------------|---------|------------------|------------------|-------------|-----------|----------|---------------|--|------------------|------|-------------------|------|--------------|-----------|---------|----------|---------|--------|-----|----------|---------|
| BTI_IB | tuir ii Corobiniou | COIO I TOO U | Recovered | From | | | | Length | | Core Los | ss LITH | Description | Sulphide Mineral | ls % | Carbonate Mineral | s % | Sample ID | Weatherin | | | Dip/BCN | Freq/M | RQD | Strength | Quality |
| RAV06-005C | | - | - | | 0. | 00 | 6.71 | 6.71 | | | ОВ | Overburden | | | | | | | | | • | | | | |
| D 41/00 0050 | | | | | | | 00.00 | 00.05 | | | O. T/O. I | SLT: greyish black, SH: black, very fined | | | | | 4004 | | | | | | | | |
| RAV06-005C RAV06-005C | | | | | 6. | | 88.96 89.96 | 82.25 1 | | | SLT/SH SST | = | - | | | | 4001 4002 | | | | | | | | |
| KAV00-005C | | | | | 00 | .90 0 | 09.90 | 1 | | | 331 | Grey, coarse to very coarse grained SLT: greyish black, SH: black, very fined | | | | | 4002 | | | | | | | | |
| RAV06-005C | | | | | 89 | .96 1 | 123.44 | 33.48 | | | SLT/SH | | - | | | | 5003 | | | | | | | | |
| RAV06-005C | | | | | | | 126.49 | 3.05 | | | SH/SLT | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 128.02 | 1.53 | | | AA | | - | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 129.54 | 1.52 | | | AA | | | | | | | | | | | | | | |
| RAV06-005C RAV06-005C | | | | | | | 136.64 141.73 | 7.1 5.09 | | | AA AA | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 147.83 | 6.1 | | | AA | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 153.92 | 6.09 | | | AA | | | | | | | | | | | | | | |
| RAV06-005C | | | | | 153 | 3.92 1 | 160.02 | 6.1 | | | | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 166.12 | 6.1 | | | | | - | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 172.21 | 6.09 | | | | | | | | | | | | | | | | | |
| RAV06-005C RAV06-005C | | | | | | | 178.31 184.40 | 6.1 6.09 | | | | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 190.5 | 6.1 | | | | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 196.59 | 6.09 | | | | | | | | | | | | | | | | | |
| RAV06-005C | | | | | 196 | 6.59 2 | 202.69 | 6.1 | | | | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 208.78 | 6.09 | | | | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 214.88 | 6.1 | | | | | | | | | | | | | | | | | |
| RAV06-005C RAV06-005C | | | | | 214 | | 220.98 227.08 | 6.1 6.1 | | | | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 233.17 | 6.09 | | | | | | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 238 | 4.83 | | | SLT | Dark grey, massive, some calcite clasts | - | | | | 5101 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| D.11/00.00=0 | | | | | | | | | | | 01 = 100= | SLT: as above, SST: light grey, coarse to | | | | | = | | | | | | | | |
| RAV06-005C | | | | | 23 | 38 | 262 | 24 | | | SLT/SST | very coarse grained, 80% SLT & 20% SST | - | | | | 5102 | | | | | | | | |
| RAV06-005C | | | | | 20 | 62 2 | 278.89 | 16.89 | | | SLT/SH | SLT: as above, SH: black, massive, very fine grained, soft, 75%SLT & 25% SH | - | | | | 5103 | | | | | | | | |
| RAV06-005C | | | | | | | 279.2 | 0.31 | | | SH/SLT | | | | | | 5103 | | | | | | | | |
| | | | | | | | | | | | | 70% Coal & 30% SH At 278.89m the drill | | | | | | | | | | | | | |
| | | | | | | | | | | | | stem took off. We stopped and circulated for | r | | | | | | | | | | | | |
| | | | | | | | | | | | | 5 minutes. SH and coal came up (mostly | | | | | | | | | | | | | |
| | | | | | | | | | | | | SH). So I had crew drill another foot and stop. (279.20). Coal came up and into the | | | | | | | | | | | | | |
| | | | | | | | | | | | | basket, and the water turned black, therefore | <u> </u> | | | | | | | | | | | | |
| RAV06-005C | | | | | 27 | 9.2 2 | 279.5 | 0.3 | | | COAL/SH | | - | | | | 5105 | | | | | | | | |
| RAV06-005C | 1 1.83 | 0.87 | 47.54 | 279.5 | 27 | 9.5 2 | 280.46 | | | 0.96 | | Coal Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | Broken cobble sized angular chunks of SLT. | • | | | | | | | | | | | | |
| | | | | | | | | | | | | Grey, massive, very fine grained. A fault zone! Slight fizzing could be heard from gas | | | | | | | | | | | | | |
| | | | | | | | | | | | | escaping from core. (Marked on sample | | | | | | | | | | | | | |
| RAV06-005C | | | | | 280 |).46 2 | 280.58 | 0.12 | | | SLT | ticket as Roof Sample) | - | | | | 10333 | W6 | Massive | - | - | <100 | 0 | R7 | Poor |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Large angular chunks of bright & dull coal. | | | | | | | | | | | | | |
| | | | | | | | | | | | | Vitreous sheen, and the fracture faces were | | | | | | | | | | | | | |
| | | | | | | | | | | | | polished. Gas could be heard escaping from the coal for about 15 minutes. When | 1 | | | | | | | | | | | | |
| | | | | | | | | | | | | sprayed bubbles could be seen all over the | | | | | | | | | | | | | |
| | | | | | | | | | | | | coal. 80% bright & 20% dull. The coal clasts | | | | | | | | | | | | | |
| | | | | | | | | | | | | ranged in size from pebble to cobble size. | | | | | | | | | | | | | |
| | | | | | | | | | | | | Very hard, but light for coal. When cleats | | | | | | | | | | | | | |
| RAV06-005C | | | | | 200 | . 50 2 | 280.77 | 0.10 | | | COAL | were visable, the ranged in thickness from 0.2 to 0.5 cm. | Dv | 1 | Cal | Tr | 10334 | W6 | | | | <100 | 0 | R2 | Poor |
| KAV00-005C | | | | | 200 |).36 Z | 200.77 | 0.19 | | | COAL | 0.2 to 0.5 cm. | Ру | ' | Cai | - 11 | 10334 | VVO | | - | - | <100 | U | K2 | FUUI |
| | | | | | | | | | | | | The Parting is a real dog's breakfast. It is | | | | | | | | | | | | | |
| | | | | | | | | | | | | made up intermixed SLT, SST, and SH. | | | | | | | | | | | | | |
| | | | | | | | | | | | | SST: whitish grey coarse grained, SLT: Dark | (| | | | | | | | | | | | |
| DAV/06 0050 | | | | | 200 | 77 7 | 200 0 | 0.02 | | | OLT/OOT | grey, fine grained. SH: black very fined | | | Cal | 0 | 10004 | Me | | | | | 0 | D7 | Foi: |
| RAV06-005C | | | | | 280 |).77 2 | 280.8 | 0.03 | | | 3L1/331 | grained. 50% SST & 40%SLT & 10% SH. As above coal, except for all coal is pebble | - | | Cal | 2 | 10334 | W6 | | | | | 0 | R7 | Fair |
| RAV06-005C | | | | | 28 | 0.8 2 | 280.88 | 0.08 | | | Coal | sized clasts. | Ру | Tr | Cal | Tr | 10334 | W6 | | - | _ | <100 | 0 | R2 | Poor |
| | | | | | _0 | | | | | | - 50. | Floor Sample. Light grey, massive, with | • , | •• | | | | | | | | | - | | |
| | | | | | | | | | | | | numerous SH Stringers. First 7cm is solid, | | | | | | | | | | | | | |
| | | | | | | | | | | | | but the rest is broken and crushed into | | | | | | | | | | | | | |
| D V/06 0050 | | | | | 200 | 100 0 | 200.00 | 0.1 | | | SLT | pebble sized clasts. Broken coal mixed in with SLT (1%coal) | Dv | т- | Cal | т- | 10005 | We | | | | -100 | 0 | P6 | Door |
| RAV06-005C RAV06-005C | | | | | |).88 2).98 2 | 280.98 281.08 | 0.1 0.1 | | | SLT | Part of above interval | Ру | Tr | Cal | Tr | 10335 | W6 | | - | - | <100 | 0 | R6 | Poor |
| 10.1000 0000 | | | | | 200 | 2 | _51.00 | 5.1 | | | OLI | . art of above interval | | | | | | | | | | | | | |

| RAV06-005C | | | | | | | 281.08 | 281.14 | 0.06 | | Carb SLT | Blackish grey, fine grained, massive (SLT) Numerous SH Stringers (BCN 5 degrees), Pyrite smears, coal spars White & Grey coarse to very coarse, | Ру | 1 | Cal | 0 | | | | | | | 0 | R6 | Fair |
|--------------------------|--------|--------------|--------------|-----------------|------------------|--------|------------------|------------------|--------------|------|----------------------|--|----------|----------|-----|----|-------|-----|---------------|------|---------|------|------------|-----|----------|
| | | | | | | 281.33 | 281.14 | 281.33 | 0.19 | | SST | massive, Two coal spars, (0.25cm thick) & one MST Stringers. Plant fossils. | Hm | 0.5 | Cal | 1 | | W6 | Massive | Fr | 3 | 2.73 | 91 | R7 | Ex |
| RAV06-005C | 2 | 2.74 | 2.74 | 100.00 | 281.33 | 004.07 | 281.33 | 283.54 | 2.21 | | SST | Part of above interval | | | | | | | | | | | | | |
| RAV06-005C RAV06-005C | 3 | 2.90 | 2.87 | 98.97 | 284.07 | 284.07 | 283.54 284.07 | 284.07 284.10 | 0.53 | 0.03 | SST | Part of above interval Rock Loss | | | | | | | | | | | | | |
| | | 2.00 | 2.07 | 00.01 | 20 1101 | | | | 0.07 | 5,60 | 007 | White & Grey coarse to very coarse, massive, plant material, SH stingers, coal spar. Abundant iron staining. BCN of Sh | D. | 4 | 0-1 | 4 | | \MC | on Oh atain a | | | | 400 | D.7 | 5 |
| RAV06-005C RAV06-005C | | | | | | | 284.10 | 286.47 | 2.37 | | SST | Stringers is 5 degrees | Py Hm | 2 | Cal | 1 | | W6 | m Sh string | - | | | 100 | R7 | Ex |
| | | | | | | | | | | | | White & Grey coarse to very coarse, massive, increasing amount of plant material, coals spars. The run is broken up and as measured from the top of the run, between 1.17 and 1.21m there is a rubbly | | | | | | | | | | | | | |
| RAV06-005C RAV06-005C | 4 | 2.44 | 2.44 | 100.00 | 286.97 | 286.97 | 286.47 286.97 | 286.97 289.33 | 0.5 2.36 | | SST | fault zone. Iron staining decreasing. Part of above interval | Hm | 0.5 | Cal | 1 | | W6 | | Fr | 5 to 10 | 3.74 | 89 | R7 | Ex |
| RAV06-005C | 7 | 2.44 | 2.44 | 100.00 | 200.57 | 289.41 | | 289.41 | 0.08 | | SST | Part of above interval | | | | | | | | | | | | | |
| RAV06-005C | 5 | 1.52 | 1.36 | 89.47 | 289.41 | | 289.41 | 289.57 | | 0.16 | | Rock Loss | | | | | | | | | | | | | |
| RAV06-005C RAV06-005C | | | | | | | 289.57 | 290.00 | 0.43 | | SST | White & Grey coarse to very coarse, massive, plant material, coals spars. One very large coal spar, and one piece of petrified wood at the very bottom of the run. White & Grey coarse to very coarse, | Py Hm | Tr Tr | Cal | 1 | | W6 | Massive | | | | 100 | R7 | Ex |
| DAV/06 0050 | | | | | | 200.02 | 200.00 | 200.02 | 0.02 | | CCT | massive, Increasing amount of plant material, increasing amount of coals spars. | Lles | 4 | Col | 4 | | MC | Magaire | F- | 2 | 0.70 | - - | D.7 | Γv |
| RAV06-005C RAV06-005C | 6 | 1.83 | 1.83 | 100.00 | 290.93 | 290.93 | 290.00 290.93 | 290.93 292.34 | 0.93 1.41 | | SST SST | One large coal spar (1.3cm thick). Part of above interval | Hm | I | Cal | ı | | W6 | Massive | Fr | 3 | 0.72 | Fr | R7 | Ex |
| RAV06-005C | | | | | | 292.76 | 292.34 | 292.76 | 0.42 | | SST | Part of above interval | | | | | | | | | | | | | |
| RAV06-005C | 7 | 2.74 | 3.12 | 113.87 | 292.76 | | 202.76 | 294.41 | 1 65 | | SST | White & Grey coarse to very coarse, massive, plant material, increasing amount of coals spars. One large "Rip up Clast" of below SLT. | Hm | 1 | Cal | 1 | | W6 | | Fr | 1 | 0.61 | 100 | R7 | Ex |
| NAV00-003C | 1 | 2.14 | 3.12 | 113.07 | 292.70 | | 292.70 | 234.41 | 1.05 | | 331 | Light grey, fine grained, SH Stringers @ 10 degrees BCN. Two SST beds with a BCNs | 11111 | | Cai | ' | | VVO | | - 11 | ' | 0.01 | 100 | N/ | LX |
| RAV06-005C | | | | | | | 294.41 | 294.84 | 0.43 | | SLT | of 1 degree. | - | | | | | W6 | | Fr | 1 | 2.32 | 95 | R6 | Ex |
| RAV06-005C | | | | | | | 294.84 | 295.26 | 0.42 | | SST | White & Grey coarse to very coarse, massive, plant material, increasing amount of coals spars. Increasing iron staining | Hm | 1.5 | Cal | 1 | | W6 | | Fr | 2 | 0.96 | 100 | R7 | Ex |
| RAV06-005C | | | | | | 295.50 | 295.26 | 295.88 | 0.62 | | SST | Part of above interval White & Grey coarse to very coarse, | | | | | | | | | | | | | |
| RAV06-005C RAV06-005C | 8 9 | 1.52 2.90 | 1.52 2.89 | 100.00 99.66 | 295.50 297.02 | 297.02 | 295.88 297.40 | 297.40 297.47 | 1.52 0.07 | | SST SST | massive, plant material,coals spars. Part of above interval | Hm | 1 | Cal | 1 | | W6 | Massive SST | | | | 100 | R7 | Ex |
| RAV06-005C | | | | | | | | 297.77 | | | SST | White & Grey coarse to very coarse, massive, plant material,coals spars. Roof Sample.Dark grey, massive, numerous SH stringers, coal spars. First 4 cm is solid, | - | | Cal | Tr | | W6 | Massive SST | | | | 100 | R7 | Ex |
| RAV06-005C | | | | | | | 297.77 | 297.84 | 0.07 | | SLT | the rest broken & crushed. | - | | | | 10336 | W6 | Massive SST | | | | 100 | R7 | Fair |
| RAV06-005C RAV06-005C | | | | | | | | | 0.13 | 0.01 | Coal | Black, Bright & broken, very vitreous, 2mm cleats, orthorombic cleavage, pyrite smears, broken bits of calcite. Broken into pebble to small cobble chunks, very hard & light. Bubbled loudly all over. Some of the chunks have polished surfaces. Coal Loss Solid, black, bright & dull. 75% bright & 25% dull. Bright vitreous sheen. 0.5 to 2mm tick cleats. Hard and light for coal. Pyrite smears on cleats, and thin pyrite veins throughout. (BCN approximately at 0 to 2 | Ру | 1 | Cal | 1 | 10337 | W6 | >3mm | | | | 0 | R2 | Poor |
| RAV06-005C | | | | | | | 297.98 | 298.19 | 0.21 | | Coal | degrees) Dull: mabey durain, hard, dull black, 1mm thick beds. | Ру | 2 | Cal | 2 | 10337 | W6 | 0.5 to 2mm | Fr | 2 | 4.76 | 62 | R2 | Good |
| | | | | | | | | | | | | Blackish grey, fine grained, massive, coal | | _ | | | | VVO | U.U ZIIIII | 11 | ۷. | 7.70 | 02 | I\Z | Good |
| RAV06-005C RAV06-005C | | | | | | | | 298.29 299.04 | 0.10 0.75 | | Carb SLT Carb SLT | | Ру | 2 | Cal | 2 | 10338 | | | | | | | | |

SLT 60% & 35% SST & 5% SH. "Mottled appearance", Interbedded SST & SLT, with wispy SH stringers (BCN of SH: 5 to 10) SST: Light grey white, coarse grained, SLT: Dark grey, massive, very fined grained. SH:

| RAV06-005C | 40 | 0.00 | 0.04 | 22.22 | 000.00 | 299.92 | | | 1.26 | 0.00 | SST/SLT | Dark grey, massive, very fined grained. SH: Grey, black, very fine grained. | Ру | 1 | Cal | 1 | | 1mm | | | | 100 | R7 | Ex |
|--------------------------|----|------|------|--------|--------|--------|--------|------------------|-------------|------|------------------|--|----|----|-----|-----|------|-----------------|-------|---------|------|-----|-----|----------|
| RAV06-005C | 10 | 2.90 | 2.81 | 96.90 | 299.92 | | 300.30 | 300.39 | | 0.09 | | Rock Loss | | | | | | | | | | | | |
| | | | | | | | | | | | | Interbedded SST & SH. 70% SST & 29% SH & 1% Coal Spars. SST: White and grey, | | | | | | | | | | | | |
| | | | | | | | | | | | | coarse grained to very coarse grained, hard. | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 300.39 | 300.84 | 0.45 | | | SH: black very fine grained, BCN of SH: 0 to 5 degrees), Minor amount of iron staining. | _ | | Cal | 0.5 | W6 | .5mm to 3 c | Fr | 0 to 10 | 3.2 | 91 | R7 | Good |
| RAV06-005C | | | | | | 302.82 | 300.84 | | 2.36 | | SST/SH | Part of above interval | | | Odi | 0.0 | **** | .5111111 10 0 0 | '' | 0 10 10 | 0.2 | 31 | 107 | 0000 |
| | | | | | | | | | | | | Interbedded SST & SH. 70% SST & 29% | | | | | | | | | | | | |
| | | | | | | | | | | | | SH & 1% Coal Spars. SST: White and grey, | | | | | | | | | | | | |
| | | | | | | | | | | | | coarse grained to very coarse grained, hard. SH: black very fine grained, BCN of SH: 0 to | | | | | | | | | | | | |
| RAV06-005C | 11 | 2.90 | 2.90 | 100.00 | 302.82 | | | | 0.71 | | SST/SH | 5 degrees), Minor amount of iron staining. | - | | Cal | 0.5 | W6 | .5mm to 3 c | Fr | 0 to 5 | 1.03 | 97 | R7 | Good |
| RAV06-005C | | | | | | 305.72 | 303.91 | 306.10 | 2.19 | | SST/SH | Part of above interval | | | | | | | | | | | | |
| | | | | | | | | | | | | Interbedded SST & SH. 90% SST & 9% SH | | | | | | | | | | | | |
| | | | | | | | | | | | | & 1.5% Coal Spars. SST: White and grey, coarse grained to very coarse grained, hard. | | | | | | | | | | | | |
| DAV/00 0050 | 40 | 0.00 | 0.00 | 400.70 | 005.70 | | 200.40 | 000.05 | 0.75 | | CCT/CLI | SH: black very fine grained, BCN of SH: 0 | | | 0-1 | 1 | MC | 5 f O | г. | 44-5 | 0.04 | 00 | D.Z | 5 |
| RAV06-005C RAV06-005C | 12 | 2.90 | 2.98 | 102.76 | 305.72 | 308.62 | | 306.85 309.08 | | | SST/SH SST/SH | degrees), Minor amount of iron staining. Part of above interval | - | | Cal | 1 | VVb | .5 mm for S | Fſ | 1 to 5 | 2.01 | 99 | R7 | Ex |
| | | | | | | | | | | | | Interbedded SST & SH. 90% SST & 9% SH | | | | | | | | | | | | |
| | | | | | | | | | | | | & 1.5% Coal Spars. SST: White and grey, | | | | | | | | | | | | |
| | | | | | | | | | | | | coarse grained to very coarse grained, hard. SH: black very fine grained, BCN of SH: 0 | | | | | | | | | | | | |
| RAV06-005C | 13 | 2.90 | 2.90 | 100.00 | 308.62 | | 309.08 | 309.66 | 0.58 | | SST/SH | degrees), Minor amount of iron staining. | - | | Cal | 1.5 | W6 | .5 mm for S | | 20 | 0.67 | | | |
| RAV06-005C RAV06-005C | | | | | | 311 52 | 309.66 | 311 98 | 2.32 | | SST/SH | Part of above interval | | | | | | | Fr | 0 | 0.33 | 100 | R7 | Ex |
| RAV06-005C | 14 | 2.90 | 2.90 | 100.00 | 311.52 | 011102 | | 312.04 | 0.06 | | SST/SH | Part of above interval | | | | | | | | | | | | |
| | | | | | | | | | | | | Grey and White, coarse to very coarse. Soft for SST, coal spars & plant material. One | | | | | | | | | | | | |
| DAV/00 0050 | | | | | | | 240.04 | 040.54 | 0.5 | | COT | (1cm Thick) coal bed. Bright Cleated Coal, | D | т. | 0-1 | 4 | 14/0 | | Fls | 00 | 0.00 | 0.5 | D.Z | - |
| RAV06-005C RAV06-005C | | | | | | 314.42 | 312.04 | 312.54 314.88 | 0.5 2.34 | | SST SST | Several wispy shale stringers. Part of above interval | Ру | Tr | Cal | 1 | W6 | | Fault | 80 | 0.36 | 85 | R7 | Ex |
| | | | | | | | | | | | | Grey and White, coarse to very coarse. Soft for SST, coal spars & plant material. One | | | | | | | | | | | | |
| | | | | | | | | | | | | (1cm Thick) coal bed. Bright Cleated Coal, | | | | | | | | | | | | |
| RAV06-005C | 15 | 2.90 | 3.01 | 103.79 | 314.42 | | 314.88 | 315.01 | 0.13 | | SST | Several wispy shale stringers. Thin beds of SLT in between massive beds | - | | | | W6 | | Fr | 3 | 12.5 | 75 | R7 | Ex |
| | | | | | | | | | | | | of SST. BCN of SLT is 10 degrees, First 6 | | | | | | | | | | | | |
| RAV06-005C | | | | | | | 315 01 | 315.64 | 0.63 | | SLT/SST | cm are broken chunks of SLT/SST with numerous Coal Beds in them. | - | | Cal | Tr | W6 | nm SLT Bed | Fr | 5 | 1.59 | 90 | R6 | Fair |
| 1011000000 | | | | | | | 010.01 | 010.01 | 0.00 | | | | | | Cai | •• | **** | 11111 021 201 | • • | Ü | 1.00 | 00 | 110 | i un |
| | | | | | | | | | | | | Thin beds of SLT & SH, with minor amount of SST beds. BCN of bedding is 10 degrees. | | | | | | | | | | | | |
| | | | | | | | | | | | | SST: As above, SLT: Dark grey, fine | | | | | | | | | | | | |
| | | | | | | | | | | | | grained, massive. SH: black massive. The interval breaks down into 45% SLT & 45% | | | | | | | | | | | | |
| | | | | | | | | | | | | SST & 10% SST. At the top of the interval | | | | | | | | | | | | |
| | | | | | | | | | | | | there as "rip-up clasts" of the above SST. Coal Spars, Plant Material, Fossils, coal | | | | | | | | | | | | |
| RAV06-005C | | | | | | 317.32 | 315.64 | 317.89 | 2.25 | | SLT/SH | beds through out. | Ру | Tr | Cal | Tr | W6 | | Fr | 5 | 1.59 | 60 | R6 | Fair |
| | | | | | | | | | | | | First 0.17cm are broken and crushed chunks | | | | | | | | | | | | |
| | | | | | | | | | | | | of SLT. As well, as measured from the top of the run, there is a fracture zone between | | | | | | | | | | | | |
| | | | | | | | | | | | | 98cm and 104cm. BCN of Calcite veinlets | | | | | | | | | | | | |
| | | | | | | | | | | | | and SH beds is 5 degrees. Carb. SLT: greyish black, soft, very fine grainedm | | | | | | | | | | | | |
| | | | | | | | | | | | | numerous fossils. SH: black thin wispy beds. | | | | | | | | | | | | |
| | | | | | | | | | | | | Pyrite veinlets and smears over entire run. The entire run is made up 705 Carb SLT & | | | | | | | | | | | | |
| RAV06-005C RAV06-005C | 16 | 2.90 | 3.12 | | 317.32 | 220.22 | | 318.55 321.01 | | | Carb SLT/S | 25% SH & 5% SST. | Ру | 1 | Cal | 1 | W6 | mm SH bed | Fr | 2 | 2.56 | 93 | R6 | Good |
| JCUU-0UVAZI | | | | | | 320.22 | 316.55 | 321.01 | 2.40 | (| Jaiu SLI/S | rait of above litterval | | | | | | | | | | | | |

RAV06-005C

When we tripped out to replace a broken core bit, we were unable to get back down the hole. The hole bridged off in a fracture zone at 560'. As well the large amount salt water flowing (+100gal/min) into the hole, made conditions worse. Therefore the hole

EOH was abandonded.

| DH_ID R | un # Co | oreDrilled | Core Rec'd | Percent | Driller's | s Depth | Writte | en Log | | Corre | ected | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|---------|------------|------------|-----------|-----------|---------|------------------|------------------|--------------|------------------|--------|----------|------------|---|-------------------|---------|------------------|-------|--------------|-----------|-------------|-------------|---------|--------|-----|----------|------------|
| = | | | | Recovered | From | TO | FROM | ТО | Length | | | Core Los | s LITH | Description | Sulphide Minerals | 8 % | Carbonate Minera | als % | Sample ID | Weatherin | ng Spacing | Type | Dip/BCN | Freq/M | RQD | Strength | Quality |
| RAV06-006C | | | | | 0.00 | 94.18 | 0.00 | 94.18 | 94.18 | 0.00 | 92.62 | | ОВ | Casing Depth Samples collected by F.H. The samples are the core | | | | | | | | | | | | | |
| RAV06-006C | | | | | | | 94.18 | 250.55 | 156.37 | 92.62 | 248.99 | | - | storage area awaiting logging. | - | | | | | | | | | | | | |
| RAV06-006C | | | | | | | 250.55 | | 8.18 | 248.99 | 257.17 | | SST | Dark Grey, med to coarse grained | | | | | 6001 | | | | | | | | |
| RAV06-006C RAV06-006C | | | | | | | 258.73 | 262.00 271.76 | 3.27 9.76 | 257.17 | | | SST SST | Light Grey, coarse to very grained course 10% SH Dark Grey, med to coarse grained, 10% MST | | | | | 6002 6003 | | | | | | | | |
| KAV00-006C | | | | | | | 262.00 | 2/1./0 | 9.76 | 260.44 | 270.20 | | 331 | Bright and Dull chunks of coal, with some Sh Chips. | | | | | 0003 | | | | | | | | |
| RAV06-006C | | | | | | | 271.76 | 271.88 | 0.12 | 270.20 | | | Coal | Therefore Core Point Reached | - | | | | 6004 | | | | | | | | |
| RAV06-006C | 1 | 1.68 | 0.69 | 41.07 | 271.88 | | 271.88 | 272.26 | | | 270.70 | | | Coal Loss | | | | | | | | | | | | | |
| RAV06-006C | | | | | | | | | | 270.70 | 271.31 | 0.61 | | Rock Loss Blackish Grey, Interbedded Siltstone and Shale, 85% | | | | | | | | | | | | | |
| RAV06-006C | | | | | | | 272.26 | 272.77 | 0.51 | 271.31 | 271.82 | | SLT/SH | | - | | | | | W6 | 1mm to 3cm | Fr | 5 | 1 | 100 | R6 | Fair |
| | | | | | | | | | | | | | | Interbedded SLT & SST, with mottled appearance. 75% | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | SLT, 20% SST, 5% Shale Stringers. SLT: Blackish grey, very fine grained to fine grained. SST: light to med grey, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | coarse to very coarse grained. SH Stringers: BCN is 10 | | | | | | | | | | | | | |
| RAV06-006C | | | | | | 273.56 | | 272.95 | 0.18 | 271.82 | | | SLT/SST | | - | | | | | W6 | 1m to 3 cm | Fr | 2 | 5.6 | 81 | R7 | Good |
| RAV06-006C | 2 | 1.68 | 1.68 | 100.00 | 273.56 | | 273.56 | 274.63 | 1.07 | 272.00 | 273.07 | | SLT/SST | Part of Above Interval Medium grey, coarse to medium grained, coal spars, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | shale stringers. BCN of Shale Stringers equals 10 | | | | | | | | | | | | | |
| RAV06-006C | | | | | | 275.24 | | | 0.61 | 273.07 | | | SST | degrees | - | | | | | W6 | >1mm for SI | Fr | 0 | 1.63 | 75 | R7 | Good |
| RAV06-006C | 3 | 2.29 | 2.27 | 99.13 | 275.24 | | 275.24 | 275.26 | | 272.46 | 272.48 | 0.02 | | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Medium grey, coarse to medium grained, massive, a few | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | coal spars, minor amount of fossils, numerous shale | | | | | | | | | | | | | |
| RAV06-006C | | | | | | | 275.26 | | 0.31 | 272.48 | | | SST | stringers. BCN of Shale Stringers equals 15 degrees | - | | | | | W6 | >1mm for SI | Fr | 6.5 | 4.93 | 85 | R7 | Excellent |
| RAV06-006C | | | | | | | 275.57 | 277.49 | 1.92 | 272.79 | 274.71 | | SST | Part of Above Interval Light Grey, massive, coarse to very course grained. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Thick calcite veins (2cm) running along the length of the | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | core (90 BCN). Calcite and pyrite replacement of some | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | fossils of the numerous fossils, numerous coal spars. Mottled appearance over the interval. MInor amount of | | | | | | | | | | | | | |
| RAV06-006C | | | | | | 277.53 | 277.49 | 277.53 | 0.04 | 274.71 | 274.75 | | SST | Iron Staining | Hm | 1 | Cal | 3 | | W6 | massive | Fr | 3 | 0.68 | 100 | R7 | Excellent |
| RAV06-006C | | | | | | | | | | | | | | <u> </u> | Ру | 1 | | | | | | | | | | | |
| RAV06-006C RAV06-006C | 4 | 2.90 | 2.90 | 100.00 | 277.53 | 200.42 | 277.53 278.49 | | 0.96 1.94 | 274.75 275.71 | | | SST SST | Part of Above Interval Part of Above Interval | | | | | | | | | | | | | |
| | 5 | 2.19 | 2.09 | 95.43 | 280.43 | 200.43 | | 280.53 | 1.94 | | 277.75 | 0.10 | 331 | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Light to Med grey, coarse to very coarse grained, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | massive, very hard, calcite veinlets, coal spars, plant material, coarsening towards the bottom, Minor amounts | | | | | | | | | | | | | |
| RAV06-006C | | | | | | | 280.53 | 281.49 | 0.96 | 277.75 | 278.71 | | SST | of iron staining. | Hm | Tr | Cal | 3 | | W6 | massive | Fr | 0 | 5.26 | 79 | R7 | Fair |
| RAV06-006C | | | | | | 282.62 | | | 1.13 | 278.71 | | | SST | Part of Above Interval | | | | | | | | | | | | | |
| RAV06-006C | 6 | 0.97 | 0.74 | 76.29 | 282.62 | | 282.62 | 282.85 | | 279.84 | 280.07 | 0.23 | | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As Above SST, except for the fractures all have slickenslides. Top of run worn down & rounded from the | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | coring. 21cm from top of run there is a greenish silty | | | | | | | | | | | | | |
| RAV06-006C | | | | | | 283.59 | | 283.59 | 0.74 | 280.07 | | | SST | zone with numerous fossils. | Hm | Tr | Cal | Tr | | W6 | Massive | Fr | 0 | 4.05 | 100 | R7 | Excellent |
| RAV06-006C | 7 | 1.98 | 1.69 | 85.35 | 283.59 | | 283.59 | 283.90 | | 280.81 | 281.12 | 0.31 | | Rock Loss As above SST, except for the first 46cm is darker than | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | the rest of the run. The first 20cm of core has been | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | broken into chunks and rounded from the coring. Bits of | | | | | | | | | | | | | |
| RAV06-006C | | | | | | | 202.00 | 284.99 | 1.00 | 281.12 | 202.21 | | SST | coal all over the core, but the coal is coming from up | Hm | Tr | Cal | Tr | | W6 | Massive | E, | 0 | 2.43 | 91 | R7 | Fair |
| RAV06-006C | | | | | | | 283.90 | 204.99 | 1.09 | 201.12 | 202.21 | | 331 | hole. | Pv | 1 | Gai | 11 | | VVO | Massive | ГІ | U | 2.43 | 91 | K/ | Ган |
| RAV06-006C | | | | | | | 284.99 | 285.54 | 0.55 | 282.21 | 282.76 | | SST | Part of Above Interval | , | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Links and the dealers are the second as a | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Light grey to dark grey, coarse to very coarse grained, massive. Medium sorting & subrounded to rounded. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Thick calcite veins @ 90 BCN, A greenish alteration | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | along some of the calcite veins. The core becomes | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | softer and more friable towards the bottom of the run. Dissemiated pyrite in the green alteration. Minor | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | amounts of coal spars, fossils, & plant material. The fault | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | has slickenslides with ploished striations. BCN of SS is | | | | | | | | | | | | | |
| PAV/06 006C | | | | | | 285.57 | 285.54 | 285.57 | 0.02 | 202 76 | 202 70 | | CCT | at 0 degrees. Minor amounts of iron staining. The fault has calcite with in it. | D. | 4 | Cal | 3 | | Me | Massiva | Fr | 0 | 0.34 | 90 | R6 | Foir |
| RAV06-006C RAV06-006C | | | | | | ∠65.57 | ∠65.54 | ∠65.5/ | 0.03 | 282.76 | 202.79 | | SST | nas calcite with if it. | Py Hm | 1 Tr | Cal | 3 | | W6 | Massive | Fr Fault | 0 70 | 0.34 | 90 | ďΩ | Fair |
| RAV06-006C | 8 | 1.70 | 1.70 | 100.00 | 285.57 | 287.27 | 286.43 | | 1.70 | 282.79 | | | SST | Part of Above Interval | | | | | | | | | | | | | |
| RAV06-006C RAV06-006C | 9 | 2.90 | 2.80 | 96.55 | 287.27 | | | | 0.48 | | 284.59 | 0.10 | SST | As above SST | D. | 2 | Cal | 1 | | MC | Mooding | Fr | 2 | 3.21 | 0.4 | R7 | Excellent |
| RAV06-006C | | | | | | | 288.23 | 288.71 | 0.46 | 284.59 | ∠იე.∪/ | | 331 | 1 GC 9Vuub am | Py Hm | Z Tr | Cai | ı | | W6 | Massive | Fr Fault | 2 65 | 0.58 | 94 | κ/ | LXCEIIEIII |
| RAV06-006C | | | | | | 290.17 | 288.71 | | 2.32 | 285.07 | | | SST | Part of Above Interval | | • | | | | | | | | | | | |
| | 10 | 2.29 | 2.29 | 100.00 | 290.17 | | 291.03 | 291.73 | 0.70 | 287.39 | 288.09 | | SST | As above SST | Py | 1 | Cal | 1 | | W6 | Massive | Fr | 0 | 2.47 | 100 | R7 | Excellent |
| RAV06-006C RAV06-006C | | | | | | | 291 73 | 293.05 | 1.32 | 288.09 | 289 41 | | SST | Part of Above Interval | Hm | 1 | | | | | | | | | | | |
| 174 00-0000 | | | | | | | 201.13 | 200.00 | 1.32 | 200.03 | 203.41 | | 551 | Brownish Black, massive, very fine grained, broken into | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | chunks. A large amount these chunks have polished | _ | | | | | | | _ | | | | | _ |
| RAV06-006C | | | | | | | 293.05 | | 0.11 | | 289.52 | | MST MST | faces Roof Sample, Part of Above Interval | Py | 1 | | | 10265 | W6 | Massive | Fr | ? | <50 | 0 | R6 | Poor |
| RAV06-006C | | | | | | | ∠93.16 | 293.26 | 0.10 | 289.52 | 209.62 | | IVIS I | Black, solid, vitreous sheen, bubbling all over, 70% | | | | | 10365 | | | | | | | | |
| | | | | | | | | | | | | | | bright & 30% dull, light, hard, pyrite and calcite on | | | | | | | | | | | | | |
| RAV06-006C | | | | | | 292.46 | 293.26 | 293.32 | 0.06 | 289.62 | 289.68 | | COAL | cleats, 2mm thick cleats | Ру | 1 | Cal | 1 | 10366 | W6 | 2mm | | | | | R2 | Fair |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | Floor Sample. Interbedded SLT/SST with numerous SH beds. SST: light grey, course grained, massive. SLT:dark grey, fine grained, massive. SH: black, massive, very fine grained, beds are less then 1mm BCN of all beds varies between 0 to 5 degrees. One large fault in the run. The footwall is course grained massive SST, and the hanging wall is SLT/SST. Calcite infilling | | | | | | | | | | | | | |
|-----------------------------|------|------|--------|--------|--------|------------------|------------------|--------------|--------------------------------|--------------|------------------|---|----|----|-----|----|-------|------|--------------|----------|---------|--------------|-----|-----|-----------|
| RAV06-006C 11 | 2.29 | 2.29 | 100.00 | 292.46 | | 293.32 | 293.42 | 0.10 | 289.68 289.78 | | SLT/SST | the fault | Ру | Tr | Cal | 2 | 10367 | W6 | mm to 20 cr | | 70 | 0.44 | 80 | R6 | Good |
| RAV06-006C RAV06-006C | | | | | | 293.42 | 294.81 | 1.39 | 289.78 291.17 | | SLT/SST | Part of Above Interval | | | | | | | | Fr | 3 | 1.75 | | | |
| RAV06-006C | | | | | 294.75 | 294.81 | 295.61 | 0.80 | 291.17 291.97 | | SLT/SST | Part of Above Interval | | | | | | | | | | | | | |
| RAV06-006C 12 RAV06-006C | 2.90 | 0.19 | 6.55 | 294.75 | | 295.61 | 296.17 296.84 | | 291.97 292.53 292.53 293.20 | 0.56 0.67 | | Rock Loss Coal Loss | | | | | | | | | | | | | |
| RAV06-006C | | | | | | | 298.32 | | 293.20 294.68 | 1.48 | | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | Broken, crushed, and rounded from coring bit. Light | | | | | | | | | | | _ | | |
| RAV06-006C RAV06-006C 13 | 1.52 | 0.00 | 0.00 | 297.65 | | 298.32 298.51 | | 0.19 | 294.68 294.87 294.87 296.39 | 1.52 | SST | grey, course to very course grained Rock Loss | - | | | | | W6 | | | | | 0 | R7 | Very Poor |
| RAV06-006C 14 | 2.29 | 2.10 | 91.70 | 299.17 | 200 | | 300.22 | | 296.39 296.58 | | | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | 80% SST & 20% SH. Interbedded, broken along Sh beds, pyrite smears along fracture faces, coal spars, plant material, BCN of SH Stringers 0 to 10 degrees. But in the last 40cm, BCN of SH is 30 degrees. SST: light grey, course to very course grained. Very faint bedding, that is 3 to 4 cm. thick. SH: wispy stringers and beds, | | | | | | | | | | | | | |
| RAV06-006C RAV06-006C | | | | | 301 46 | 300.22 302.09 | | 1.87 0.23 | 296.58 298.45 298.45 298.68 | | SST/SH SST/SH | black, massive, and very fine grained. Part of Above Interval | Ру | 1 | Cal | Tr | | W6 | 1mm to 4cm | Fr | 3 | 6.66 | 60 | R7 | Fair |
| | | | | | 551.40 | | | | | | | As above SST, except for minor amounts of iron staining. | | | | | | | | | | | | | |
| RAV06-006C 15 RAV06-006C | 2.44 | 2.39 | 97.95 | 301.46 | | 302.32 | 304.71 | 2.39 | 298.68 301.07 | | SST | Calcite veins @ 90 degrees BCN | Hm | 1 | Cal | 1 | | W6 | 1mm to 4 cn | Fr Fr | 0 20 | 3.76 0.42 | 94 | R7 | Good |
| RAV06-006C | | | | | 303.90 | 304.71 | 304.76 | | 301.07 301.12 | 0.05 | | Rock Loss | | | | | | | | | 20 | 0.42 | | | |
| RAV06-006C 16 | 1.83 | 0.45 | 24.59 | 303.90 | | | 306.14 | 0.00 | 301.12 302.50 | 1.38 | 007 | Rock Loss As Above SST | | | Cal | 1 | | 14/0 | 4 | F | 00 | 0.00 | 70 | D.7 | Orad |
| RAV06-006C RAV06-006C | | | | | 305.73 | 306.14 306.47 | | 0.33 0.12 | 302.50 302.83 302.83 302.95 | | SST SST | Part of Above Interval | | | Cai | 1 | | W6 | 1mm to 4cm | Fr | 20 | 6.66 | 73 | R7 | Good |
| RAV06-006C 17 | 0.30 | 0.00 | 0.00 | 305.73 | 306.03 | 306.59 | 306.89 | | 302.95 303.25 | 0.30 | | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | As Above SST, except for at the top of the core is broken and worn from the core bit. Same coring problem as | | | | | | | | | | | | | |
| RAV06-006C 18 | 2.13 | 0.54 | 25.35 | 306.03 | | 306.89 | 307.43 | 0.54 | 303.25 303.79 | | SST | yesterday. | Hm | Tr | Cal | 1 | | W6 | Massive | Fr | 0 | 1.85 | 87 | R7 | Fair |
| RAV06-006C RAV06-006C | | | | | 200.16 | 207.42 | 309.02 | | 303.79 305.38 | 1.50 | | Rock Loss | | | | | | | | Fr | 20 | 1.85 | | | |
| RAV06-006C 19 | 1.52 | 1.52 | 100.00 | 308.16 | | | 310.54 | 1.52 | 305.38 306.90 | 1.59 | SST | As above SST | Hm | Tr | Cal | 1 | | W6 | Massive | Fault | 30 | 1.31 | 88 | R7 | Good |
| RAV06-006C | | | | | | | | | | | | | | | | | | | | Fr | 55 0 | 0.65 | | | |
| RAV06-006C RAV06-006C 20 | 2.44 | 1.04 | 42.62 | 309.68 | | 310.54 | 310.84 | 0.30 | 306.90 307.20 | | SST | As above SST, except for one large " pyrite vein" | Py | 2 | Cal | 1 | | W6 | Massive | Fr Fr | 4 | 0.65 2.86 | 100 | R7 | Excellent |
| RAV06-006C | | | | | 240.40 | | 312.29 | 1.45 | 307.20 308.65 | | SST SLT/SST | Part of Above Interval Interbedded 80% SLT & 20% SST. SST: as above SST. SLT: Dark Grey, very fine grained. The interval has a very "mottled appearance" with only a few beds being visible. BCNs: Calcite veins are at 15 degrees, SLT beds | | | Cal | | | Mo | | Fr | | 4.05 | 97 | D.7 | Excellent |
| RAV00-000C | | | | | 312.12 | 312.29 | 313.03 | 0.74 | 308.65 309.39 | | 31/331 | are at 10 degrees, and SST beds are at 10 degrees. Interbedded SLT & SH. BCN of all beds is 10 degrees. | - | | Cal | 1 | | W6 | 1mm to 3mn | Г | 2 | 1.35 | 91 | N/ | Excellent |
| | | | | | | | | | | | | Fossils & the odd coal spar throughout. SH 40% & SLT 50% and 10% SST. SST ans SLT as above SST and | | | | | | | | | | | | | |
| RAV06-006C 21 | 2.90 | 2.90 | 100.00 | 312.12 | | 313.03 | 314.13 | 1.10 | 309.39 310.49 | | SLT/SH | SLT, SH: black, massive, and very fine grained | - | | Cal | 1 | | W6 | 1mm to 3mn | Fr | 0 | 1.38 | 97 | R7 | Excellent |
| RAV06-006C | 0.00 | 0.47 | 74.00 | 045.00 | | | 315.93 | 1.80 | 310.49 312.29 | 0.54 | SLT/SH | Part of Above Interval Rock Loss | | | | | | | | | | | | | |
| RAV06-006C 22 | 2.90 | 2.17 | 74.83 | 315.02 | | 315.93 | 316.47 | | 312.29 312.83 | 0.54 | | ROCK LOSS | | | | | | | | | | | | | |
| RAV06-006C | | | | | | | 317.64 | 1.17 | 312.83 314.00 | | SLT/SST | Interbedded, 55% SLT, 40% SLT, 5% Coal. BCN of all beds ranges between 0 and 10 degrees. Several pyrite beds, all less than 0.5mm thick. Pyrite smears and pyrite replacement of fossils. The core is broken along numerous Slickenslides. The core could be heard sizzling for 20 minutes. Coal spars, coal beds, fossils, and plant material through out the run. One small fault zone (broken and crushed core) 5 cm thick, 22 cm from the bottom of the run. SST: Light grey, course to very course grained, massive. SLT: Dark grey, fine grained, massive. SH: black, massive, very fine grained. | Ру | 2 | Cal | 1 | | W6 | l.5mm to 4cr | Fr | 0 | 16.12 | 16 | R6 | Fair |
| RAV06-006C RAV06-006C | | | | | 217.00 | | 318.64 318.83 | 1.00 | 314.00 315.00 315.00 315.19 | 0.10 | SLT/SST | Part of Above Interval Coal Loss | | | | | | | | | | | | | |
| RAV06-006C 23 | 2.90 | 2.07 | 71.38 | 317.92 | 317.92 | | | 0.06 | 315.19 315.25 | 0.19 | SLT | Originally, this interval was logged as a Roof Sample, but looking the geophysical log it be apparent that this was actually a Parting Sample. Broken chunk of fine grained, dark grey, massive SLT, with several SH Stringers. | _ | | Cal | 1 | 10368 | W6 | 1mm | | | | 0.0 | R7 | Poor |
| | | | | | | | | | 0.0.20 | | | Black shiny, first 10 cm are broken & crushed. Small | | | | | | | | | | | | | , |
| | | | | | | | | | | | | pyrite smears along the cleat faces, one 0.5cm thick SLT Stringers. Bright (60%) & Dull (40%). Cleats are less | | | | | | | | | | | | | |
| RAV06-006C | | | | | | 318.89 | 319.1 | 0.21 | 315.25 315.46 | | COAL | then 1cm. Bubbled all over the coal. | Ру | 1 | | | 10369 | W6 | >1cm | Fr | ? | <50 | 51 | R7 | Poor |
| RAV06-006C | | | | | | 319.1 | 319.20 | 0.10 | 315.46 315.56 | | SLT | Floor Sample. Dark grey, very fine grained, first 3cm broken & crushed. | _ | | | | 10370 | W6 | Massive | Fr | ? | <10 | 0.0 | R7 | Fair |
| RAV06-006C | | | | | | 0.0.1 | 0.10.20 | 0.10 | 315.56 315.81 | 0.25 | JLI | Rock Loss | | | | | 10070 | *** | WIGGSIVE | | | ~10 | 0.0 | 137 | i uii |

BCN of 10 degrees. Interbedded, plant material, 1cm thick coal beds, coal spars, and plant material. SST: light grey, medium to coarse grained, massive. SLT: Dark grey, very fine grained, massive. SHL black wispy stringers, thin beds, black, fine grained, massive. Pyrite smears, and pyrite replacement of fossils through out. RAV/06-006C 319.20 320.69 1.49 315.81 317.30 SLT/ SST Less then 1 mm thick calcite veins at 90 degrees BCN. Ру Cal W6 mm to 15cr Fr 2 3.36 91 R7 Roof Sample, Part of Above Interval 10371 RAV06-006C 320.69 320.79 0.10 317.30 317.40 Broken & crushed tiny clasts of bright and dull coal. As well broken chunks of SLT. 85% coal & 15% SLT RAV06-006C 320.79 320.9 0.11 317.40 317.51 10372 W6 < 50 0.0 R2 Poor 317.51 318.19 0.68 320.82 320.90 321.58 RAV06-006C Coal Loss RAV06-006C 24 2.74 2.70 98.54 320.82 321.58 321.59 0.01 318.19 318.20 As Above Coal 10372 <50 0.0 R2 Poor Floor Sample, 80% SLT & 20% SST. Coal spars thine SH beds, BCN equals 0 degrees. SLT: dark grey, fine RAV06-006C 321.59 321.69 0.10 318.20 318.30 grained. SST: light grey, course grained, massive 10373 100 RAV06-006C 321 69 322 12 0 43 318 30 318 73 As above unit W6 2 32 100 R7 Good Light grey, coarse to very grained course, massive. Several large rip up clasts of below SLT. Coal spars, 322.12 323.07 0.95 318.73 319.68 RAV06-006C SST 100 R7 Excellent fossils W6 25 1.05 As above unit, except for one large calcite vein @ 25 degrees BCN. The rest of the calcite veins are ar 0 degrees BCN. Top 0.5m is very carboneous. The unit can be broken down into 50% SLT & 30% SST & 20 % SH. The shale is concentrated in the first 0.5m of the RAV06-006C 323.07 324.28 1.21 319.68 320.89 SLT/ SST Cal Tr W6 100 R7 Excellent Interbedded. 60% SLT & 35% SST & 5% SH. BCN of SH 10 degrees, coal spars, fossils, becomes mottled towards base of unit. Graditional Contact with below unit. One coal bed, less then 0.5 mm thick with a BCN of 0 323.56 324.28 324.32 0.04 320.89 320.93 324.32 326.31 1.99 320.93 322.92 SLT/ SST RAV06-006C degrees. Ру Cal W6 1mm to 3cm Fr 0 1.48 100 R7 Excellent RAV06-006C 25 2.90 3.02 104.14 323.56 Part of Above Interval Light grey, course to very course grained, massive, numerous fossils, coal spars, plant material, minor RAV06-006C 326.31 327.26 0.95 322.92 323.87 amount of iron staining, calcite veins @ 90 degrees BCN R7 Excellent RAV06-006C 326.46 327.26 327.34 0.08 323.87 323.95 Part of Above Interval RAV06-006C 26 2.40 1.69 70.42 326.46 328.86 327.34 329.03 1.69 323.95 325.64 SST As above SST Interval Fr 20 0.59 100 R7 Excellent RAV06-006C Rock Loss RAV/06-006C 329.03 329.75 325.64 326.36 0.72 329.75 331.85 2.10 326.36 328.46 RAV06-006C 27 2.90 2.90 100.00 328.86 As above SST Interval 70 1.04 80 R7 Excellent RAV06-006C Part of Above Interval RAV06-006C 331.76 331.85 332.65 0.80 328.46 329.26 SST RAV06-006C 28 2.90 2.71 93.45 331.76 332.65 332.84 329.26 329.45 0.19 Rock Loss Light grey, course to very course grained, massive, coal 332.84 333.67 0.83 329.45 330.28 spars, fossils, plant material Part of Above Interval RAV06-006C 334.66 333.67 335.55 1.88 330.28 332.16 SST As above SST, except for more fractures. Calcite along fracture faces, minor amount of iron staining. Faint RAV06-006C 29 2.74 2.74 100.00 334.66 335.55 336.87 1.32 332.16 333.48 bedding with a BCN of 20 degrees. W6 2cm to 6cm Fr 20 1.15 68 R7 Excellent RAV06-006C RAV06-006C 337.40 336.87 338.29 1.42 333.48 334.90 SST Part of Above Interval As above, except no faint bedding (massive), Fossils RAV06-006C 30 338.29 339.72 1.43 334.90 336.33 W6 Massive Fr 15 0.97 100 R7 Excellent 2.98 108.76 337.40 SST and calcite forming in fractures RAV06-006C 340.14 339.72 341.27 1.55 336.33 337.88 SST Part of Above Interval As above SST RAV06-006C 31 341.27 342.24 0.97 337.88 338.85 65 0.36 95 R7 Excellent RAV06-006C RAV06-006C 342.88 342.24 344.01 1.77 338.85 340.62 Part of Above Interval RAV06-006C 32 2.74 100.00 342.88 344.01 345.47 1.46 340.62 342.08 SST As above SST, with Calcite veins @ 25 degrees BCN 10 0.72 100 R7 Excellent RAV06-006C 25 0.36 RAV06-006C 345.62 345.47 346.75 1.28 342.08 343.36 Part of Above Interval RAV06-006C 33 1.98 100.00 345.62 346.75 348.26 1.51 343.36 344.87 SST As above SST, with Calcite veins @ 0 degrees BCN Fr 20 2.06 93 R7 Good RAV06-006C 347.60 348.26 348.73 0.47 344.87 345.34 Part of Above Interval RAV06-006C Light grey course to very course grained, massive, coal spars, SH Stringers with a BCN of 10 degrees, fossils, plant material. A 4 cm zone with strange brown alteration. This zone is located 62-64cm measured from 348.73 351.02 2.29 345.34 347.63 SST W6 Massive Fr 12.5 4.01 80 R7 Good 100.00 347.60 the bottom. 350.50 351.02 351.63 0.61 347.63 348.24 SST 83 45 350 50 RAV06-006C 35 2.90 2.42 351.63 352.11 348.24 348.72 0.48 Interbedded SST/SH. 90% SST & 10% SH. SST: light grey, course to very course grained. SH; black massive in the form of stringers. BCN of beds near the top is 0 degrees, changing to 20 degrees two thirds into the run. At the bottom of the run the BCN of the beds is 50 degrees. Over the entire run there is calcite infilling fractures, fossils, plant material, numerous fractures. As measured from the bottom of the run, between 94cm and 104cm, there is a fault zone. The fault zone is mostly

made up of rock flower.

Ру

Tr

Cal

W6 mm SH bed Fr

0

2.97 57 R7 Fair

352.11 352.71 0.60 348.72 349.32

SST/SH

RAV06-006C

58% SST & 35% SLT & 5% Coal & 2% SH. Bedding as a

| RAV06-006C RAV06-006C RAV06-006C RAV06-006C RAV06-006C RAV06-006C | 2.13 | 1.63 | 76.53 | 353.40 | 353.40 | | 354.53 355.03 | 1.82 | 349.32 351.14 | 351.14 351.64 | 0.50 | SST/SH | Part of Above Interval SHC and Rock Loss | | | | | | | | Fr Fault Fr Fr | 90 20 20 40 | 0.43 0.43 2.12 0.85 | | | |
|--|------|------|--------|--------|--------|----------------------------|------------------|--------------|------------------|----------------------------|------|----------------------|--|----|----|-----|-----|----------------|----|--------------|-------------------------|----------------------|------------------------------|-----|----|-------------|
| RAV06-006C | | | | | | 355.03 | 355.12 | 0.09 | 351.64 | 351.73 | | SHC | Broken & crushed chunks of black vitreous coal. (Slickenslides on most of the chunks) 60% coal & 40% SH. Several thin disks of SH mixed in with the rubble. SLT: Dark grey, very fine grained, massive, 5 zones that are totally crushed and broken. As measured from the top of the seam these zones are located in between 24cm to 30cm, 36cm-51cm,71cm-86cm, and 111cm- | - | | | | | W6 | | Fr | ? | <100 | 0.0 | R2 | Very Poor |
| RAV06-006C | | | | | | | 356.59 | 1.47 | 351.73 | | | SLT | 130cm. All these zones consist of rock flower and chunks of SLT.5% of the entire interval is made up of coal spars and very thin coal beds. 60% Coal & 40% Shale. Broken chunks of shiny coal with angular clasts of SH. SH: black, massive. Coal: | - | | | | | W6 | | Fr | 20 | 5.44 | 28 | | Very Poor |
| RAV06-006C RAV06-006C 37 | 2.13 | 1.85 | 86.85 | 355.53 | | | 356.66 356.94 | 0.07 | 353.20 353.27 | 353.27 353.55 | 0.28 | SHC | light black shiny. SHC and Rock Loss | - | | | | | W6 | | Fr | ? | <100 | 0.0 | R2 | Very Poor |
| RAV06-006C | | | | | | 356.94 | 357.82 | 0.88 | 353.55 | 354.43 | | Carb.SLT | Moderately carboneous.Dark grey, fine grained to very fine grained, numerous amount of slickenslides on the fracture faces. As measured from the top of the run, there are four crushed and rubbly zones. In between 65cm to 74cm, 112cm-120cm, 129cm to 133cm, the core is broken and crushed and covered in rock flower. Through out the whole interval there are coal spars and thin coal beds. | - | | | | | W6 | Massive | Fr | 20 | 2.17 | 29 | R7 | Fair |
| RAV06-006C RAV06-006C | | | | | 357.66 | 357.82 | 358.79 | 0.97 | 354.43 | 355.40 | | Carb.SLT | Part of Above Interval | | | | | | | | Fr | 2 | 5.95 | | | |
| | | | | | | | | | | | | | As above SLT, except for one coally layer 5cm thick. The lower contact with the coal is a fracture at 20 degrees | | | | | | | | | | | | | |
| RAV06-006C 38 RAV06-006C | 2.13 | 1.75 | 82.16 | 357.66 | | 358.79 | 359.69 | 0.90 | 355.40 | 356.30 | | Carb.SLT | BCN. | - | | Cal | Tr | | W6 | m coally lay | Fr Fr | 2 20 | 2.2 1.11 | 50 | R6 | Fair |
| RAV06-006C RAV06-006C RAV06-006C | | | | | | 359.69 359.89 359.99 | 359.99 | 0.10 | 356.50 | 356.50 356.60 356.78 | | Carb.SLT | Rock Loss Roof Sample, Part of above unit Coal Loss | | | | | 10374 | | | | _0 | | | | |
| RAV06-006C RAV06-006C 39 | 2.44 | 0.80 | 32.79 | 359.79 | 359.79 | 360.17 360.92 | 360.92 362.56 | 0.75 | 356.78 357.53 | 357.53 359.17 | 1.64 | COAL | Semi-solid, broken, fractured, Numerous (>1nm thick) shale beds. Coal: black, light, friable, blocky cleavage, bright 50% & dull 50%. Fractured and powdery in places, semi-vitreous sheen. Pyrite smears along fracture faces, and on cleat faces. Numerous slickenslides on the broken chunks on core. Two very thin calcite veins @ 20 degrees BCN. Calcite on cleats faces. Very thin cleats (>0.5mm) scattered through out. 80% coal & 20% shale. The coal is brittle but hard. No hissing from gas could be heard (unusual) Coal Loss Broken chunks of coal & Carb. SLT. Carb. SLT: blackish | Ру | 1 | Cal | Tr | 10375 | W6 | 0.5mm clea | Fr | 20 | 5.33 | 45 | R2 | Fair |
| RAV06-006C | | | | | | 362.56 | 362.70 | 0.14 | 359.17 | 359.31 | Ca | | brown, very fine grained. Coal: dull, hard, flat sheen, very hard, but light. 65% SLT & 35% coal. Coal: black, dull, and could be heard sizzling. Semisolid, no visible cleating, numerous SLT Stringers. 80% | - | | | | 10376 | W6 | | Fr | ? | <100 | 0.0 | R7 | Poor |
| RAV06-006C RAV06-006C | | | | | | 362.70 362.74 | | 0.04 0.15 | | 359.35 359.50 | | Coal/SLT Coal/SLT | coal & 20% SLT Part of Above Interval Floor Sample SST: light grey, coarse to very coarse grained, covered in coal cuttings. Fracture @ 80 | Ру | Tr | | | 10377 10377 | W6 | | Fr | ? | <100 | 0.0 | R3 | oor to Fair |
| RAV06-006C | | | | | | 362.89 | 362.99 | 0.10 | 359.50 | 359.60 | | SST | degrees BCN filled with calcite. Top of SST is broken into 2 disks. | - | | Cal | 1 | 10378 | W6 | | Fr | 0 | 6.38 | 40 | R7 | Fair |
| RAV06-006C RAV06-006C | | | | | 362.23 | | 363.36 | 0.37 | 359.60 | 359.97 | | SST | Part of Above Interval | | | | | | | | Fr | 80 | 2.12 | | | |
| RAV06-006C 40 | 0.78 | 0.52 | 66.67 | 362.23 | | | 363.62 | | | 360.23 | 0.26 | , | Rock Loss Light grey, massive, course to very course grained. Broken and rounded from the bit. Bottom 11cm coated in | | | | | | | | | | | | | |
| RAV06-006C RAV06-006C 41 | 1.12 | 0.89 | 79.46 | 363.01 | 363.01 | | 364.14 364.37 | 0.52 | | 360.75 360.98 | | SST/Coal | rock flower, and is very friable. N.B. It is not possible to separate uphole coal contamination and cored coal, so all the coal was sampled. Rock Loss | - | | | | 6100 | W6 | | Fr | 25 | 0.12 | 0.0 | R7 | Poor |
| | | | | | | | | | | | | | Grey/white, coarse to very course grained, massive, rock flower prsent along fracture faces, calcite inside of | | | | | | | | | | | | | |
| RAV06-006C | | | | | 364.13 | 364.37 | 365.26 | 0.89 | 360.98 | 361.87 | | SST | fractures. As above SST, except for 3 calcite stringers @ 2 | Ру | Tr | Cal | 1 | | W6 | Massive | Fr | 50 | 5.62 | 77 | R7 | Fair |
| RAV06-006C 42 RAV06-006C RAV06-006C RAV06-006C | 1.98 | 1.90 | 95.96 | 364.13 | | | 365.96 367.24 | 0.70 1.28 | | 362.57 363.85 | | SST | degrees BCN Part of Above Interval | Ру | Tr | Cal | 1 | | W6 | Massive | Fr Fr Fr Fr | 2 85 20 40 | 0.52 0.52 1.58 0.52 | 69 | R7 | Fair |
| | | | | | | | | | | | | | Grey white with a mottled appearance, medium to course grained, numerous micro-fractures, several SH stringers, | | | | | | | | | | | | | |
| RAV06-006C 43 | 2.90 | 3.00 | 103.45 | 366.11 | | 367.24 | 368.74 | 1.50 | 363.85 | 365.35 | | SST | BCN 10 degrees, very soft in places, rock flower in fractures. | - | | Cal | 1.5 | | W6 | Massive | Fr | 5 | 0.64 | 90 | R6 | Excellent |
| RAV06-006C RAV06-006C | | | | | 369.01 | 368.74 | 370.24 | 1.50 | 365.35 | 366.85 | | SST | Part of Above Interval | | | | | | | | Fr | 50 | 0.64 | | | |

| | | | | | | | | | | | | | As above SST, but much harder. BCN of SH equals 20 | | | | | | | | | | _ | |
|-----------------------------|------|------|--------|---------|--------|------------------|--------|--------------|------------------|---------|------|--------------|---|---|-----|-----|------|----------------|-------------|----------|--------------|-----|-----|------------|
| RAV06-006C 44 RAV06-006C | 2.44 | 2.44 | 100.00 | 369.01 | | 370.24 | 371.59 | 1.35 | 366.85 | 368.20 | SS | ST | degrees, and BCN of Calcite veins equals 30 degrees | - | Cal | 1.5 | W6 | Massive | Fr Fr | 3 20 | 1.63 1.63 | 73 | R7 | Excellent |
| RAV06-006C | | | | | | | | | | | | | | | | | | | Fr | 85 | 0.41 | | | |
| RAV06-006C RAV06-006C 45 | 2.90 | 2.88 | 99.31 | 371.45 | 371.45 | 371.59 372.68 | | 1.09 | 368.20 369.29 | | 0.02 | ST | Part of Above Interval Rock Loss | | | | | | | | | | | |
| KAV00-000C 43 | 2.90 | 2.00 | 33.31 | 37 1.43 | | 372.00 | 312.10 | | 309.29 | 309.31 | 0.02 | | NOCK EUSS | | | | | | | | | | | |
| | | | | | | | | | | | | | Light grey/white, medium to very coarse grained, 5%SH | | | | | | | | | | | |
| | | | | | | | | | | | | | beds. SH: black, massive, very fine grained, BCN of 0 degrees and 10 degrees. Fossils, several small coal | | | | | | | | | | | |
| | | | | | | | | | | | | | spars, calcite veins and veinlets. As measured from the | | | | | | | | | | | |
| | | | | | | | | | | | | | bottom of the run (67-69cm), there is a black clay or ash | | | | | | | | | | | |
| RAV06-006C | | | | | | 372.70 | 374.38 | 1.68 | 369.31 | 370 99 | SS | ST | layer. Very soft, and mallable. extremely fine grained, with a BCN of 0 degrees. | _ | Cal | 1 | W6 | mm to 10cr | Fr | 1 | 3.12 | 83 | R1 | Excellent |
| RAV06-006C | | | | | 374.35 | | | 1.20 | 370.99 | | | ST | Part of Above Interval | | Cai | · | **** | minito roci | | • | 5.12 | 03 | IXI | LXCOIICITE |
| RAV06-006C 46 | 2.90 | 2.80 | 96.55 | 374.35 | | 375.58 | 375.68 | | 372.19 | 372.29 | 0.10 | | Rock Loss | | | | | | | | | | | |
| | | | | | | | | | | | | | Grey/white coarse to very coarse grained, massive, numerous calcite veins, (less then 1mm thick) with a | | | | | | | | | | | |
| | | | | | | | | | | | | | BCN of 15 degrees, minor amount of fossils and plant | | | | | | | | | | | |
| RAV06-006C | | | | | | 375.68 | 377.41 | 1.73 | 372.29 | 374.02 | SS | ST | material. | - | Cal | 2 | W6 | Massive | Fr | 20 | 1.79 | 85 | R7 | Excellent |
| RAV06-006C RAV06-006C | | | | | 377 25 | 377.41 | 378 48 | 1.07 | 374.02 | 375.09 | SS | ST | Part of Above Interval | | | | | | SS | 50 | 1.79 | | | |
| 10,1000,0000 | | | | | 011.20 | 077.41 | 070.40 | 1.07 | 014.02 | 070.00 | | Ŭ. | As above SST, except for that the SH Stringers have a | | | | | | | | | | | |
| DAM(00.0000 47 | 0.00 | 0.00 | 400.00 | .== .= | | 070.40 | | 0.00 | 075.00 | 077.44 | 0.0 | O.T. | BCN of 35 degrees. Most of the Slickenslides are in | | 0.1 | | 14/0 | | 00 | 0.5 | 5.40 | | 5.4 | |
| RAV06-006C 47 RAV06-006C | 2.28 | 2.28 | 100.00 | 377.25 | 379 53 | 378.48 380.50 | | 2.02 0.26 | 375.09 377.11 | | | ST ST | shale beds. Part of Above Interval | • | Cal | 1 | W6 | cm SH bed | SS | 35 | 5.43 | 61 | R4 | Excellent |
| 101100 0000 | | | | | 070.00 | 000.00 | 000.70 | 0.20 | 077.11 | 011.01 | | 0. | As above SST, except for that the SH Stringers have a | | | | | | | | | | | |
| DAV/00 0000 40 | 4.00 | 4.00 | 405.74 | 070.50 | 000 75 | 000.70 | 000.05 | 4.00 | 077.07 | 070.00 | 00 | от | BCN of 18 degrees. One small coally shale layer (1cm | | 0-1 | 0 | 14/0 | large als band | 00 | 00 | 0.04 | 70 | Do | E-i- |
| RAV06-006C 48 RAV06-006C | 1.22 | 1.29 | 105.74 | 379.53 | 380.75 | 380.76 | 382.05 | 1.29 | 377.37 | 378.66 | S | ST | thick) | • | Cal | 2 | W6 | Imm sh bed | SS SS | 30 40 | 2.21 0.73 | 76 | R6 | Fair |
| RAV06-006C | | | | | | | | | | | | | | | | | | | Fr | 2 | 1.47 | | | |
| | | | | | | | | | | | | | 80% SST & 20% SH, mottled appearance, abundant | | | | | | | | | | | |
| | | | | | | | | | | | | | coal spars and fossils, lots of shearing, two lcm thick coal beds, clay layers. SST: grey/white coarse to very | | | | | | | | | | | |
| | | | | | | | | | | | | | coarse grained. SH: black fine grained, massive. Clay | | | | | | | | | | | |
| RAV06-006C 49 | 2.90 | 2.95 | 101.72 | 380.75 | 000.05 | | | 1.87 | 378.66 | | | T/SH T/SH | layers: black, sticky, very very fine grained. | - | Cal | 2 | W6 | Imm sh bed | Fr | 15 | 0.67 | 73 | R6 | Fair |
| RAV06-006C | | | | | 303.00 | 383.92 | 385.00 | 1.08 | 380.53 | 301.01 | 551 | 1/5⊓ | Part of Above Interval | | | | | | | | | | | |
| | | | | | | | | | | | | | 80% SST & 20% SLT. BCN of Beds equals 20 degrees, | | | | | | | | | | | |
| RAV06-006C 50 | 2.90 | 2.90 | 100.00 | 383.65 | | 385.00 | 385.17 | 0.17 | 381.61 | 201 70 | сст | /SLT | SST: white/grey, massive, coarse to very coarse. One bed consisting of black mud, (Thickness = 2cm). | | Cal | 1 | W6 | 1cm to 40cm | Fr | 20 | 8.57 | 29 | R6 | Excellent |
| RAV06-006C 50 | 2.90 | 2.90 | 100.00 | 303.03 | | 385.17 | 386.78 | 1.61 | 381.78 | | | /SLT | Part of Above Interval | • | Cal | 1 | VVO | TCIII to 40CII | ГІ | 20 | 6.57 | 29 | NO | Excellent |
| | | | | | | | | | | | | | Weathered MST, black, half rock & half clay. Both are | | | | | | | | | | | |
| RAV06-006C | | | | | | 386.78 | 387.19 | 0.41 | 383.39 | 383.80 | M | ST | very fine grained. Th clay is sticky and malleable. Weathered grey mud with SST Layers. 70% MST & 30% | - | | | W3 | Massive | | | | 0.0 | R2 | Excellent |
| | | | | | | | | | | | | | SST. The mud reacts moderately with acid; it is sticky | | | | | | | | | | | |
| | | | | | | | | | | | | | and it swelled up in the barrel. The is very fine grained. | | | | | | | | | | | |
| | | | | | | | | | | | | | SST layers are light grey, coarse grained, broken up, weathered and are very soft and friable, broke into | | | | | | | | | | | |
| RAV06-006C | | | | | 386.55 | 387.19 | 387.90 | 0.71 | 383.80 | 384.51 | MST | r/SST | powder when touched. | - | Cal | 1 | W3 | 1mm to 3 cn | - | | | 0.0 | R2 | Excellent |
| | | | | | | | | | | | | | White/grey, coarse to very coarse grained, massive, very | | | | | | | | | | | |
| | | | | | | | | | | | | | soft, broken and crushed. "Mottled appearance". Numerous fossils, minor of coal spars, numerous calcite | | | | | | | | | | | |
| RAV06-006C 51 | 2.90 | 2.90 | 100.00 | 386.55 | | 387.90 | 388.75 | 0.85 | 384.51 | 385.36 | SS | ST | veins. | - | Cal | 1 | W6 | | Fr | 65 | 2.64 | 87 | R4 | Excellent |
| RAV06-006C | | | | | 389.45 | 388.75 | 390.80 | 2.05 | 385.36 | 387.41 | SS | ST | Part of Above Interval | | | | | | | | | | | |
| | | | | | | | | | | | | | Interbedded 60% SST & 40% SLT. SST: light grey/white, | | | | | | | | | | | |
| | | | | | | | | | | | | | coarse to very coarse grained, massive. SLT: dark | | | | | | | | | | | |
| | | | | | | | | | | | | | grey/black, massive. BCN on beds at top of run to almost the bottom of the run is 20 degrees. At the very bottom | | | | | | | | | | | |
| | | | | | | | | | | | | | BCN is 0 degrees. Coal spars, fossils, calcite veins, | | | | | | | | | | | |
| RAV06-006C 52 | 2.90 | 2.90 | 100.00 | 389.45 | | 390.80 | 391.55 | 0.75 | 387.41 | 388.16 | SST | T/SH | micro-faults, micro-fractures over the entire run. | - | Cal | 1 | W6 | 1cm to 30cm | | 20 | 7.59 | 50 | R4 | Excellent |
| RAV06-006C RAV06-006C | | | | | | | | | | | | | | | | | | | Fr Fault | 1 6 | 1.43 0.36 | | | |
| RAV06-006C | | | | | 392.35 | 391.55 | 393.70 | 2.15 | 388.16 | 390.31 | SST | T/SH | Part of Above Interval | | | | | | i auit | Ü | 0.30 | | | |
| RAV06-006C 53 | 2.90 | 2.68 | 92.41 | 392.35 | | | 393.92 | | | 390.53 | | | hat a death of COT Limbs areas | | | | | | | | | | | |
| | | | | | | | | | | | | | Interbedded. SST Light grey, coarse to very coarse grained, massive.BCN of beds is 0 degrees, minor | | | | | | | | | | | |
| | | | | | | | | | | | | | amount of coal spars, calcite veins 0 degrees BCN SLT: | | | | | | | | | | | |
| RAV06-006C | | | | | 0 | | | 0.59 | 390.53 | | | /SLT | blackish brown, very fine grained, massive. | - | Cal | 1 | W6 | 1cm to 25cm | Fr | 0 | 2.99 | 95 | R6 | Excellent |
| RAV06-006C | | | | | 395.25 | 394.51 | 396.60 | 2.09 | 391.12 | 393.21 | SST | /SLT | Part of Above Interval Interbedded. 80% SST & 20% SLT. Becoming | | | | | | | | | | | |
| | | | | | | | | | | | | | carboneous towards the bottom of run. Thinly laminated | | | | | | | | | | | |
| | | | | | | | | | | | | | beds at a BCN of 0 degrees. SST: light grey, coarse | | | | | | | | | | | |
| RAV06-006C 54 | 1.22 | 1.22 | 100.00 | 395.25 | 396.47 | 396.60 | 397.82 | 1 22 | 393 21 | 394 43 | 227 | /SLT | grained, massive, coal spars, numerous fossils, minor amount of plant material. | | Cal | 1 | We | 1mm to 1 cn | Fr | 0 | 3.75 | 100 | R6 | Excellent |
| 14400-0000 54 | 1.22 | 1.22 | 100.00 | 000.20 | 330.47 | 330.00 | 331.02 | 1.22 | JJJ.Z I | JJ-1.4J | 331 | ,ULI | amount of plant material. | | Cai | | VVO | min to 1 GI | - 11 | U | 0.70 | 100 | NO | LACCHETIC |

| | | | | | | | | | | | | As above unit, but a piece of core went sideways in the | | | | | | | | | | | | | |
|-----------------------------|------|------|--------|--------|--------|------------------|------------------|--------------|------------------|------------------|--------------------|--|----|----|------------|-----|----------------|----------|--------------------|----------|---------|--------------|-----------|-----|-----------|
| | | | | | | | | | | | | barrel, therefore the barrel was empty. After lifting off | | | | | | | | | | | | | |
| | | | | | | | | | | | | bottom an circulating, and rotating, the barrel was dropped in again and 1.5 core was recovered. The rest | | | | | | | | | | | | | |
| | | | | | | | | | | | | of the core came out of the bit, after a trip out. 70% SST | | | | | | | | | | | | | |
| | | | | | | | | | | | | & 30% SLT. SST: light grey coarse grained, massive. | | | | | | | | | | | | | |
| | | | | | | | | | | | | SLT: Blackish brown, very fine grained. Both lithologies | | | | | | | | | | | | | |
| RAV06-006C 55 RAV06-006C | 1.22 | 1.22 | 100.00 | 396.47 | 397.69 | 397.82 398.08 | 398.08 399.04 | 0.26 0.96 | 394.43 394.69 | | SST/SLT SST/SLT | have fossils, plant material, and coal spars. Part of Above Interval | - | | Cal | 1 | | W5 | mm to 30cr | Fr | 0 | 15.24 | 53 | R6 | Excellent |
| RAV06-006C 56 | 1.22 | 1.22 | 100.00 | 397.69 | 397.09 | | 400.00 | 0.96 | 395.65 | | SST/SLT | | | | Cal | Tr | | W6 | mm to 30cr | Fr | 0 | 6.15 | 69 | R6 | Excellent |
| | | | | | | | | | | | | As above interval, except for some usually polished | | | | | | | | | | | | | |
| | | | | | | | | | | | | fracture faces. These faces are very hard and a shiny | | | | | | | | | | | | | |
| | | | | | | | | | | | | sheen, and have a BCN of 90 degrees. These fracture faces resemble obsidian in appearance. As well, there | | | | | | | | | | | | | |
| | | | | | | | | | | | | are also numerous Slickenslides all over the fracture | | | | | | | | | | | | | |
| RAV06-006C | | | | | 398.91 | 400.00 | 400.26 | 0.26 | 396.61 | 396.87 | SST/SLT | faces. | - | | Cal | Tr | | W6 | mm to 30cr | Fr | 90 | <100 | 0.0 | R7 | Fair |
| | | | | | | | | | | | | As above interval. BCN of beds over the first half meter is 50 degrees. In the middle of the run the BCN is 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | degrees, and at the bottom of the run the BCN is 15 | | | | | | | | | | | | | |
| RAV06-006C 57 | 2.90 | 2.90 | 100.00 | 398.91 | 401.81 | 400.26 | 403.16 | 2.90 | 396.87 | 399.77 | SST/SLT | degrees. | - | | Cal | 1 | | W6 | 1mm to 5cm | SS | 20 | 3.54 | 77.0 | R7 | Excellent |
| RAV06-006C | | | | | | | | | | | | Interbedded, SST 60% & SLT 40%. Calcite veining | | | | | | | | SS | 50 | 2.47 | | | |
| | | | | | | | | | | | | running the length of core, moderate amount of coal | | | | | | | | | | | | | |
| | | | | | | | | | | | | spars. BCN of bedding is 20 degrees. SLT: Blackish | | | | | | | | | | | | | |
| | | | | | | | | | | | | brown, fine grained. SST: grey/white, coarse to very | | | | | | | | | | | | | |
| RAV06-006C 58 | 2.59 | 2.59 | 100.00 | 401.81 | 404.40 | 403.16 | 405.75 | 2.59 | 399.77 | 402.36 | SST/SLT | coarse grained, massive. SST: grey/white coarse to very coarse grained, fractured only in SLT beds. | _ | | Cal | 1 | | W6 | 1mm to 4cm | SS | 20 | 2.68 | 88 | R7 | Excellent |
| RAV06-006C 59 | 2.90 | 2.90 | 100.00 | 404.40 | .00 | | 406.08 | 0.33 | 402.36 | | SST/SLT | | | | Cal | 1 | | W6 | mm to 30cr | Fr | 10 | 4.49 | 82 | | Excellent |
| RAV06-006C | | | | | | 400.00 | 400.50 | 0.54 | 400.00 | 400.00 | 007/011 | B . (A) | | | | | | | | Fr | 85 | | | | |
| RAV06-006C RAV06-006C | | | | | | 406.08 406.59 | 406.59 406.69 | 0.51 0.10 | 402.69 403.20 | 403.20 | SST/SH SST/SH | Part of Above Interval Roof Sample, Part of Above Interval | | | | | 10379 | | | | | | | | |
| 101000000 | | | | | | 400.00 | 400.00 | 0.10 | 400.20 | 400.00 | 0017011 | Seam bubbled vigorously, black, vitreous, no visible | | | | | 10070 | | | | | | | | |
| | | | | | | | | | | | | cleating, powerdery in places. Most of the calcite in this | | | | | | | | | | | | | |
| RAV06-006C RAV06-006C | | | | | | 406.69 407.69 | 407.69 408.01 | 1.00 0.32 | 403.30 404.30 | | COAL | interval is concentrated in one large vein. Part of Above Interval | Ру | Tr | Cal | 1 | 10380 10381 | W6 | >1mm | Fr | 10 | 7.75 | 24 | R2 | Excellent |
| NAV00-000C | | | | | | 407.03 | 400.01 | 0.32 | 404.50 | 404.02 | COAL | 60% Coal & 40% SLT. Blackish brown, very fine grained. | | | | | 10301 | | | | | | | | |
| RAV06-006C | | | | | | 408.01 | 408.19 | 0.18 | 404.62 | 404.80 | CSH | Coal: dull black coal, very hard, very heavy. | Ру | Tr | Cal | 1 | 10382 | W6 | 1mm | Fr | 10 | 0.5 | 0.0 | R6 | Excellent |
| | | | | | | | | | | | | 75% coal & 25% SH, very hard, very thinly laminated. | | | | | | | | | | | | | |
| RAV06-006C | | | | | 407.30 | 408.19 | 408.65 | 0.46 | 404.80 | 405.26 | SHC | SS on broken pieces, calcite veins parallel to core. | Pv | Tr | Cal | 1 | 10383 | W6 | >1mm | Fr | ? | <25 | 0.0 | R2 | Fair |
| RAV06-006C 60 | 2.90 | 2.79 | 96.21 | 407.30 | | 408.65 | 408.76 | | 405.26 | 405.37 | 0.11 | Coal Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | 60% Coal & 40% Shale. Very hard, dull, black, alternating layers of Shale and coal. Bubbled vigorously, | | | | | | | | | | | | | |
| RAV06-006C | | | | | | 408.76 | 409.27 | 0.51 | 405.37 | 405.88 | SHC | thin calcite veinlets through out. | - | | Cal | 2 | 10384 | W6 | >1mm | Fr | 50 | 3.92 | 57 | R2 | Excellent |
| RAV06-006C | | | | | | | | | | | | Ç | | | | | | | | Fr | 10 | 1.92 | | | |
| RAV06-006C | | | | | | | | | | | | Floor Correla Blackish harry DON of calcity value is 0 | | | | | | | | Fr | 0 | 1.96 | | | |
| RAV06-006C | | | | | | 409.27 | 409.37 | 0.10 | 405.88 | 405.98 | Carb. SLT | Floor Sample Blackish brown, BCN of calcite veins is 2 degrees. | - | | Cal | 2.5 | 10385 | W6 | >1mm | | | | 100 | R7 | Excellent |
| RAV06-006C | | | | | | 409.37 | 411.45 | 2.08 | 405.98 | 408.06 | SLT | Dark grey, massive, very fined grained | | | Cal | 1 | | W6 | Massive | Fr | 5 to 10 | 5.5 | 68 | R7 | Excellent |
| RAV06-006C | 0.00 | 0.07 | 00.07 | 440.00 | 410.20 | | | 0.10 | 408.06 | | SLT | Roof Sample (part of above unit) | | | | | 10386 | | | | | | | | |
| RAV06-006C 61 RAV06-006C | 2.90 | 2.87 | 98.97 | 410.20 | | | | 0.15 | 408.16 | 408.19 408.34 | 0.03 | Coal Loss 70% Coal & 30% SH | | | Cal | 1 | 10387 | W6 | >1mm | Fr | 10 | 6.66 | 0.0 | R2 | Good |
| RAV06-006C | | | | | | | | 0.10 | 408.34 | 408.44 | Carb. SLT | | | | Cal | 1 | 10388 | W6 | | • • | .0 | 0.00 | 100 | R7 | Excellent |
| | | | | | | | | | | | | 65% SLT & 35% SST, blackish brown, coal spars and | | | | | | | | | | | | | |
| RAV06-006C | | | | | 413 10 | 411 83 | 414.45 | 2.62 | 408.44 | 411.06 | SST/SLT | several thin coal beds. Interbedded, but mottled in places. BCN of beds is 5 degrees. | _ | | Cal | 1 | | W6 | 1mm to 3 cn | Fr | 90 | 0.38 | 72 | R6 | Excellent |
| 11.700-0000 | | | | | 415.10 | 411.03 | 414.45 | 2.02 | 400.44 | 411.00 | 001/021 | places. Bold of beds is 5 degrees. | | | Oai | • | | VVO | 111111110 3 611 | SS | 45 | 0.76 | 12 | 110 | LXCCHCIII |
| | | | | | | | | | | | | | | | | | | | | Fr | 10 | 3.81 | | | |
| | | | | | | | | | | | | 80% SLT & 20% SST "mottled appearance", but near the | | | | | | | | | | | | | |
| | | | | | | | | | | | | top the BCN is 0 degrees. Coal spars, coal beds through | | | | | | | | | | | | | |
| | | | | | | | | | | | | out. The fracture at 80% BCN is very large (45cm in | | | | | | | | | | | | | |
| RAV06-006C 62 RAV06-006C | 2.29 | 2.29 | 100.00 | 413.10 | | | 415.49 415.59 | 1.04 0.10 | 411.06 412.10 | | SST/SLT CHS | length). Most of calcite veining is at 90 degrees BCN. 75% black, very fined grain shale & 25% dull coal | - | | Cal Cal | 1 | | W6 W6 | mm to 60cr | Fr Fr | 5 3 | 5.76 2.62 | 59 0.0 | R7 | Excellent |
| RAV06-006C RAV06-006C | | | | | 415.39 | | 415.59 | | 412.10 | | SST/SLT | 75% black, very fined grain shale & 25% dull coal As above unit | | | Cal | 1 | | W6 | >1mm mm to 60cr | Fr Fr | 3 80 | 2.62 1.74 | 59 | | |
| RAV06-006C | | | | | | | | | | | | | | | | | | | | Fr | 5 | 8.69 | | | |
| BAV06.0000 60 | 1.00 | 1.00 | 100.00 | 41F 20 | | 416.74 | 416.04 | 0.47 | 412.25 | 412.50 | COT | White/grey, course to very course grained, shale & | | | Col | 1 | | MC | 1mm for CII | | | | 100 | D7 | Eveellant |
| RAV06-006C 63 | 1.83 | 1.83 | 100.00 | 415.39 | | 410.74 | 416.91 | 0.17 | 413.35 | 413.52 | SST | calcite stringers. | | | Cal | | | W6 | 1mm for SH | | | | 100 | K/ | Excellent |
| RAV06-006C | | | | | | | 417.29 | 0.38 | 413.52 | | SLT | Dark grey, very fine grained, massive, calcite stringers | | | Cal | 1 | | W6 | Massive | | | | 100 | R7 | Excellent |
| RAV06-006C | 2.00 | 0.00 | 400.00 | 447.00 | 417.22 | 417.29 | | 1.28 | 413.90 | | SLT | Part of Above Interval | | | Cal | ^ | | 14/0 | Maarina | | | | 100 | D-7 | Eventors |
| RAV06-006C 64 | 2.90 | 2.90 | 100.00 | 417.22 | | 418.57 | 419.97 | 1.40 | 415.18 | 416.58 | SLT | As above SLT Part of Above Interval. EOH, because we had no more | | | Cal | 2 | | W6 | Massive | | | | 100 | R7 | Excellent |
| RAV06-006C | | | | | 420.12 | 419.97 | 421.47 | 1.50 | 416.58 | 418.08 | SLT | core pipe to put into the ground. | - | | | | | | | | | | | | |
| | | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | |

| DH ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | s Depth | Writte | en Loa | | Corre | ected | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|---------|-------------|------------|-----------|-----------|---------|----------------|----------------|--------|----------------|----------------|-----------|------------|--|-------------------|-----|--------------------|-----|-----------|------------|--|-------------|----------------|--------------|-------|----------|------|
| BH_IB | IXUII # | Oorceniica | Oole Reed | Recovered | From | TO | FROM | TO | Length | FROM | | Core Loss | LITH | Description | Sulphide Minerals | % | Carbonate Minerals | % | Sample ID | Weathering | | | Dip/BCN | | RQD : | Strength | |
| RAV06-007C | 1 | 2.59 | 2.42 | 93.44 | 62.00 | | | 62.17 | | | 61.51 | 0.17 | | Rock Loss | | | | | | | <u>, </u> | 71 - | | | | J. J. | |
| RAV06-007C | | | | | | 64.59 | 62.17 | 64.59 | 2.42 | 61.51 | 63.93 | | SST | Light grey & white, coarse to very coarse grained, massive. Numerous calcite veins with 5 to 10 degrees BCN, Heavily fractured and iron staining at the bottom of the run. Very friable in places. | Hm | 1 | Cal | 2 | | W6 | Massive | Fr | 10 to 20 | 0.11 | 56 | R5 | Fair |
| | | | | | | | | | | | | | | Light grey & white, coarse to very coarse grained, massive. Numerous calcite veins, Heavily fractured (More Than SST in Run 1) and iron staining. Very friable in | | | | | | | | | | | | | |
| RAV06-007C RAV06-007C | 2 | 2.90 | 2.47 | 85.17 | 64.59 | | 64.59 | 64.98 | 0.39 | 63.93 | | | SST | places. | Hm | 0.5 | Cal | 2 | | W6 | Massive | Fr SS | 10 to 20 70 | <25 0.81 | 50 | R5 | Fair |
| RAV06-007C | | | | | | 67.40 | 64.98 | 67.06 | 2.08 | 64.32 | 66.40 | 0.43 | | Part of above Interval Rock Loss | | | | | | | | | | | | | |
| RAV06-007C | 3 | 2.44 | 2.26 | 92.62 | 67.49 | 67.49 | 67.06 67.49 | 67.49 67.67 | | 66.40 66.83 | 66.83 67.01 | | | Rock Loss | | | | | | | | | | | | | |
| | | | 2.20 | 02.02 | | | | | | | | 00 | | | | | | | | | | | | | | | |
| RAV06-007C | | | | | | | 67.67 | 67.81 | 0.14 | 67.01 | 67.15 | | SST | As above SST, but the core is rounded from the drilling. | Hm | 0.5 | Cal | 1 | | W6 | Massive | | | <25 | 0 | R5 | Poor |
| RAV06-007C | | | | | | 00.00 | 67.81 | 68.24 | 0.43 | 67.15 | | | SST | Dark grey, coarse to very coarse grained, massive. The core is broken up the drilling. There is less ironing staining then above SST, but the amount of calcite has increased. BCN of Calcite veins is 50 degrees. BCN of SH stringers is 50 degree. Coal Spars in fractures, Calcite veins running parallel to core. Possible fault zone. | Hm | Tr | Cal | 3 | | W6 | Massive | Fr | 5 to 10 | <25 | 69 | R5 | Fair |
| RAV06-007C | | Į. | | | | 69.93 | 68.24 | 69.93 | 1.69 | 67.58 | 69.27 | ļ | SST | Part of above Interval Light Grey, coarse to very coarse, massive. Top 47 cm | | | | | | | | | ļ | ļ | | | |
| RAV06-007C | 4 | 1.68 | 1.65 | 98.21 | 69.93 | | 69.93 | 71.09 | 1.16 | 69.27 | 70.43 | | SST | broken and fractured. SH Stringers & Coal Spars | - | | Cal | 2 | | W6 | Massive | Fr | 7 to 12 | 7.64 | 82 | R6 | Fair |
| RAV06-007C | | | | | | | 71.09 | 71.50 | 0.41 | 70.43 | 70.84 | | SST | Part of above Interval | | | | | | | | | | | | | |
| RAV06-007C | | | | | | | 71.50 | 71.53 | | 70.84 | 70.87 | 0.03 | | Rock Loss | | | | | | | | | | | | | |
| DAV00 0070 | | | | | | 74.04 | 74.50 | 74.04 | 0.00 | 70.07 | 70.05 | | 007 | Light Grey, coarse to very coarse, massive. Increaing content of SH Stringers & Coal Spars. Sh Stingers have a BCN of 20 degrees. One small 10cm fault zone (as measured 30 cm from the bottom of the run). Fault Gouge | | T | Out | | | Wo | Manakas | F | 7.1.40 | 5.04 | 00 | Do | Fair |
| RAV06-007C RAV06-007C | | | | | | 71.61 | 71.53 | 71.61 | 0.08 | 70.87 | 70.95 | | SST | present | Hm | Tr | Cal | 2 | | W6 | Massive | Fr Fault | 7 to 12 65 | 5.31 0.71 | 82 | R6 | Fair |
| RAV06-007C | 5 | 2.74 | 2.74 | 100.00 | 71.61 | | 71.61 | 74.01 | 2.40 | 70.95 | 73.35 | | SST | Part of above Interval | 1 | | | | | | | 1 duit | 00 | 0.71 | | | |
| RAV06-007C | | | | | | 74.35 | 1 | 74.35 | 0.34 | 73.35 | | | SST | Part of above Interval | | | | | | | | | | | | | |
| RAV06-007C | 6 | 2.90 | 2.79 | 96.21 | 74.35 | | 74.35 | 77.03 | 2.68 | 73.69 | 76.37 | | SST | Light Grey, coarse to very coarse, massive.SH Stringers & Coal Spars. Sh Stingers have a BCN of 20 degrees. One small 15cm fault zone(broken and crushed chunks of SST) at bottom of run. Some fault Gouge present. The amount of calcite veining is decreasing while the amount of fractures in the rock is decreasing. Iron staining. | Hm | 1 | Cal | 1 | | W6 | Massive | Fr | 4 | 4.47 | 73 | R6 | Fair |
| RAV06-007C | | | | | | | | | | | | | | g. | | | | | | | | Fr | 30 | 1.12 | | | |
| RAV06-007C | | | | | | | 77.03 | 77.14 | 0.01 | 76.37 76.48 | 76.48 76.49 | 0.11 | SST | Rock Loss Light Grey, coarse to very coarse, massive.SH Stringers & Coal Spars. Sh Stingers have a BCN of 20 degrees. The amount of calcite veining is decreasing. (less then above run) | Hm | 1 | Cal | 0.5 | | W6 | Massive | Fr | 3 | 4.65 | 92 | R6 | Fair |
| RAV06-007C | | | | | | 77.25 | | 77.25 | | | | | SST | Part of above Interval | | | | | | | | | | | | | |
| RAV06-007C | 7 | 2.90 | 2.90 | 100.00 | 77.25 | 00.45 | 77.25 | 79.88 | 2.63 | 76.59 | 79.22 | | SST SST | Part of above Interval | | | | | 1 | | | | 1 1 | | | | |
| RAV06-007C RAV06-007C | 8 | 2.90 | 2.85 | 98.28 | 80.15 | 80.15 | | 80.15 80.20 | 0.27 | 79.22 79.49 | 79.49 | 0.05 | 331 | Part of above Interval Rock Loss | | _ | | 1 | | | | <u> </u> | | | | | |
| RAV06-007C | | 2.30 | 2.00 | 30.20 | 00.10 | | 80.20 | | 0.24 | 79.54 | | 0.00 | SST | As above SST. Except for the 5cm is made up rounded cobble sized chunks of SST. (DONE BY DRILLING) | - | | Cal | Tr | | W6 | Massive | Fr | 3 | 8.30 | 71 | R6 | Fair |
| RAV06-007C | | | | | | | 80.44 | 80.90 | 0.46 | 79.78 | 80.24 | | SST/SLT | Interbedded, Mottled Appearance, SH beds have a BCN of 5 degrees, SLT: Dark grey, fine grained, massive.SST: grey white, coarse to very coarse grained. SH: Blackish grey, very fine grained, massive. | _ | | Cal | Tr | | W6 | mm to 10 c | r Fr | 3 | 8.33 | 67 | Fair | |
| RAV06-007C | | | | | | | 80.90 | 81.00 | 0.10 | 80.24 | | | SST | As above SST. | | | 2.4 | | | W6 | Massive | | | | 100 | R6 | Ex |
| RAV06-007C | | | | | | | 81.00 | 82.74 | 1.74 | 80.34 | 82.08 | | SLT/SH | Interbedded, Mottled Appearance, SH beds have a BCN of 5 degrees, SLT: Dark grey, fine grained, massive. SH: Blackish grey, very fine grained, massive. Calcite veins with a BCN of 10 degrees through out, (less than 0.5mm thick). Several SST beds, (As above SST) | _ | | Cal | 1 | | W6 | mm to 40 c | Fr | 3 | 3.9 | 63 | R6 | Ex |
| RAV06-007C | | | | | | 83.05 | | 83.05 | 0.31 | 82.08 | | | SLT/SH | Part of above Interval | - | | Gai | - | | VVO | 111111 to 40 C | 171 | 3 | 5.5 | 03 | 110 | |
| | | | | | | 23.00 | , | 13.00 | | 52.00 | 12.00 | | | As above SLT/SH, except for it much more "mottled | · | 1 | | | | | | ! | · | | | | |
| RAV06-007C | 9 | 2.90 | 1.94 | 66.90 | 83.05 | 1 | 83.05 | 83.25 | 0.20 | 82.39 | 82.59 | | SLT/SH | appearance". | - | 1 | Cal | Tr | | W6 | Massive | Fr | 2 | 15 | 40 | R6 | Fair |
| RAV06-007C RAV06-007C | | | | | | | 83.25 | 83.56 | 0.40 | 82.59 | | 0.31 | CLT/CLL | Rock Loss Roof Sample Part of above Interval | | | | | 10040 | 1410 | | | | | | | |
| RAV06-007C | | | | | | | 83.56 83.66 | 83.66 84.31 | 0.10 | 82.90 83.00 | 83.00 83.65 | 0.65 | SLT/SH | Roof Sample Part of above Interval Coal Loss | | | | | 10349 | W6 | | | | | | | |
| 13/100-0070 | | | | 1 | 1 | 1 | 00.00 | U-7.U I | 1 | 00.00 | 00.00 | 0.00 | | Cour Loss | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |

| DH ID F | Run # CoreDrilled | Core Rec'd Percent | Driller's Dept | th Writt | ten Loa | | Corr | ected | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|-------------------|--------------------|----------------|----------------|----------------|--------|----------------|----------------|----------------------|--|-------------------|-----|--------------------|-----|----------------|------------|--------------|----------|---------|--------------|----------|----------|--------------|
| 5112.5 | tarr # Ocroprimou | Recovered | From TO | | TO | Length | | | Core Loss LITH | Description | Sulphide Minerals | % | Carbonate Minerals | % | Sample ID | Weathering | | Туре | Dip/BCN | | RQD | Strength | Quality |
| | | | | | | | | | | Black, Bright & Dull, very hard, pyrite smears, calcite veins, boken & crushed, very thinly laminated-no cleats. Somewhat heavy for coal. 70% bright & 30% dull. Please | | | | | | | | | | | | | |
| RAV06-007C | | | | 84.31 | 84.50 | 0.19 | 83.65 | 83.84 | Coal | note that the coal between 84.31 to 86.90m bubbled and hissed for twenty mintues after coring (escaping gas) | Ру | 1 | Cal | 1 | 10350 | W6 | >1mm | Fr | - | <25 | 0 | R2 | Poor |
| RAV06-007C | | | | 84.50 | _ | 0.07 | 83.84 | 83.91 | Coal | As above coal, but solid | Py | 1 | Cal | 1 | 10350 | W6 | >1mm | | | | 0 | R2 | Fair |
| RAV06-007C RAV06-007C | | | | 84.57 84.64 | 84.64 84.71 | 0.07 | 83.91 83.98 | 83.98 84.05 | Coal | As above coal, but broken and crushed As above coal but solid | Py Pv | 1 | Cal Cal | 1 | 10350 10350 | W6 W6 | >1mm >1mm | Fr | - | <25 | 0 | R2 R2 | Fair Fair |
| KAV00-007C | | | | 04.04 | 04.71 | 0.07 | 03.90 | 04.03 | Coal | Brownish black, fine grained, BCN of very faint bedding is | , | ' | Cai | - ' | 10330 | VVO | >1111111 | | | | | NZ | raii |
| RAV06-007C | | | | 84.71 | 85.05 | 0.34 | 84.05 | 84.39 | Carb/SL ⁻ | equal to 5 degrees, coal spars, and calcite veins. | Ру | 1 | Cal | 1 | 10351 | W6 | Imm to 3 cm | Fr | 5 | 14.71 | 0 | R6 | Fair |
| RAV06-007C | | | | | | | | | | Black, Bright & Dull, very hard, pyrite smears, calcite | | | | | | | | Fr | 65 | 2.94 | | | |
| | | | | | | | | | | veins, boken & crushed, very thinly laminated-no cleats. Somewhat heavy for coal. 70% bright & 30% dull,& boken | | | | | | | | | | | | | |
| RAV06-007C | | | | 85.05 | | 0.03 | 84.39 | 84.42 | Coal | and crushed. | Py | 1 | Cal | 1 | 10352 | W6 | >1mm | Fr == | 2 | <25 | 0 | R2 | Poor |
| RAV06-007C RAV06-007C | | | | 85.08 | 85.20 | 0.12 | 84.42 | 84.54 | Coal | As above coal, but semi-solid | Py | 1 | Cal | 11 | 10352 | W6 | >1mm | Fr Fr | 2 65 | 16.67 8.3 | 0 | R2 | Poor |
| RAV06-007C | | | | 85.20 | 85.27 | 0.07 | 84.54 | 84.61 | Coal | As above coal, but broken & crushed | Ру | 1 | Cal | 1 | 10352 | W6 | >1mm | Fr | - | <25 | 0 | R2 | Poor |
| RAV06-007C | | | | 85.27 | 85.38 | 0.11 | 84.61 | 84.72 | Carb/SL | 55% SLT & 45% Coal. Very carbonous, numerous coal beds, spars and stringers, Middle of parting is broken & crushed. | Py | 1 | Cal | 1 | 10353 | W6 | 1mm to 3cm | Fr | _ | <25 | 0 | R6 | Fair |
| RAV06-007C | | | | 85.38 | 85.56 | 0.18 | 84.72 | 84.90 | Coal/SLT | As above coal, but with a few SLT layers. (80%coal & 20% SLT) | Py | 1.5 | Cal | 1 | 10354 | W6 | 1mm to 3cm | Fr | - | <25 | 0 | R3 | Fair |
| RAV06-007C | | | 85. | .95 85.56 | 85.95 | 0.39 | 84.90 | 85.29 | Carb/SL ⁻ | 85% SLT & 15% Coal. Very carbonous, numerous coal beds, spars and stringers | Py | 2 | Cal | 1 | 10355 | W6 | 1mm to 3cm | 1 | | <25 | 0 | R6 | Fair |
| RAV06-007C | 10 2.90 | 2.61 90.00 | 85.95 | 85.95 | | 0.00 | 85.29 | | 0.18 | Coal Loss | . , | _ | , Juli | • | .0000 | | | | 1 | | | | |
| | | | | | | | | | | Black, semi-solid (large chunks of bright (70%) and dull (30%). Pyrite smears, hard and light cleats 1 to 3 mm thick, vitreous sheen. Pyrite on cleats, and every where | | | | | | | | | | | | | |
| RAV06-007C | | | | 86.13 | | 0.37 | 85.47 | 85.84 | Coal | else. | Ру | 1 | Cal | 0.5 | 10356 | W6 | | Fr | 2 to 3 | <15 | 0 | R2 | Poor |
| RAV06-007C | | | | 86.50 | 86.61 | 0.11 | 85.84 | 85.95 | Carb/SL ⁻ | Brownish black, very fined grained, massive | Ру | 1 | Cal | 1 | 10357 | W6 | | Fr | 7 | 18.19 | 0 | R6 | Fair |
| RAV06-007C | | | | 86.61 | 86.73 | 0.12 | 85.95 | 86.07 | Coal | As above coal, except more pyrite along the fracture faces. | Pv | 2 | Cal | 1 | 10358 | W6 | | Fr | 2 to 3 | <15 | 0 | R2 | Poor |
| RAV06-007C | | | | 86.73 | _ | 0.07 | 86.07 | 86.14 | Coal | Part of above Interval | j | | | | 10358 | | | | | | | | |
| RAV06-007C RAV06-007C | | | | 86.80 | 86.91 | 0.02 | 86.14 | 86.25 86.28 | 0.11 Carb/SL | Coal Loss | | | Cal | 2 | 10359 | W6 | | | | | | R6 | Ex |
| RAV06-007C | | | | 86.91 | 86.94 | 0.03 | 86.25 | 86.28 | Carb/SL | As above, part of the floor Part of Floor Sample Light Grey Very fine grained, | | | Cai | 2 | 10359 | VVO | | | | | 0 | Κb | EX |
| RAV06-007C | | | | 86.94 | 87.01 | 0.07 | 86.28 | 86.35 | SLT | massive | | | | | 10359 | W6 | | | | | 0 | R7 | Ex |
| RAV06-007C | 44 200 | 2.40 | | 85 87.01 | _ | 1.84 | 86.35 | 88.19 | SLT | Light Grey Very fine grained, massive, numerous calcite viens and veinlets with a BCN of 5 degrees. Numerous coal spars & stringers. Broken and crushed interval. Pyrite smears in some fractures. Several carboneous zones. Rock Loss | Py | 1 | Cal | 1 | | W6 | | Fr | 4 | <20 | 9 | R6 | Fair |
| RAV06-007C | 11 3.00 | 2.48 82.67 | 88.85 | 88.85 | 89.37 | | 88.19 | 88.71 | 0.52 | 70% SLT & 25 SSt & 55 SH. Interbedded but "mottled | | | | | | | | | | | | | |
| | | | | | | | | | | appearance" SLT: Blackish grey, fine grained, BCN of SH stringers is 0 degrees. BCN of calcite veins of 0 degrees, Broken and crushed in places. Fault gouge along fracture | | | | | | | | | | | | | |
| RAV06-007C | | | | 89.37 | 89.74 | | 88.71 | | SLT/SS1 | faces. | - | | Cal | 2 | | W6 | | Fr | 3 | <25 | 41 | R6 | Fair |
| RAV06-007C | 12 2.74 | 2.65 96.72 | | | 91.85 91.94 | 2.11 | 91 19 | 91.19 91.28 | 0.09 | Part of above Interval Rock Loss | | | | | | <u> </u> | | | | | | | |
| | 2.77 | 2.50 | 000 | 01.00 | 31.34 | | 51.10 | 31.20 | | First 1.72m of run has a mottled appearance, but in places bedding can be discerned. The SH has a BCN of 0 degrees. The last 0.62cm resembles varve bedding. Rthymic repeating pattern to the bedding. Equal thick beds of SST & SLT. SLT & SST beds within this structure vary between 1mm to 1cm thick. SST: light grey, course to very course grained, SLT: dark grey, fine to medium grained. The BCN of the beds with in this repeating | | | | | | | | | | | | | |
| RAV06-007C | | | | 91.94 | _ | 0.59 | 91.28 | | SLT/SS1 | pattern structure are 0 degrees. | - | | Cal | 1 | | W6 | | Fr | 0 | 6.93 | 76 | R6 | Ex |
| RAV06-007C | | | | 92.53 | 94.25 | 1.72 | 91.87 | 93.59 | SLT/SS1 | | | | | | | | | | | | \vdash | | |
| RAV06-007C | | | 94. | .59 94.25 | 94.59 | 0.34 | 93.59 | 93.93 | SST | Sharp upper contact, grey white, coarse to very coarse, shale stringers and coal spars through out. Grey and white, medium grained, massive, some iron | - | | Cal | 2 | | W6 | mm to 0.5 r | Fr | 0 | 8.82 | 100 | R7 | Ex |
| DAV(00.0070 | 40 074 | 0.40 | 04.50 | 04.55 | 00.00 | 0.00 | 00.00 | 00.00 | 00= | staining, SH stringers through out. SH has a BCN od 0 to | ., | | 0.1 | | | 1440 | | _ | 65 | 0.04 | 0.1 | D= | |
| RAV06-007C RAV06-007C | 13 2.74 | 2.42 88.32 | 94.59 | 94.59 | 96.98 | 2.39 | 93.93 | 96.32 | SST | 10 degrees. | Hm | 1 | Cal | 1 | Ì | W6 | Massive | Fr Fr | 65 3 | 0.81 3.24 | 94 | R7 | Ex |
| RAV06-007C | | | | 96.98 | 97.01 | 0.03 | | 96.35 | SST | Part of above Interval | | | | | | | | | | J.2 1 | | | |
| RAV06-007C | | | 97. | .33 97.01 | 97.33 | | 96.35 | 96.67 | 0.32 | | | | | | | | | | | | | | |

| DH ID | Run # | # CoreDrille | d Core Rec'o | Percent | Driller | 's Depth | Writte | en Log | | Correc | ted | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|---------|---------------|---------------|---------|---------|----------|----------|------------------|--------------|------------------|--------|-----------|-------------|---|-------------------|-----|--------------------|-----|----------------|------------|----------------|----------|---------|------------|-----|-------------|--------------|
| טוו_וט | rtuii # | . Jord Drille | . OSIG 1160 (| | d From | _ | FROM | TO | Length | FROM | | Core Loss | LITH | Description | Sulphide Minerals | s % | Carbonate Minerals | % | Sample ID | Weathering | | | Dip/BCN | | RQD | Strength | |
| | | | | | | | | | - | | | | | 90% SST & 10% SLT Bands. SST: grey/white, coarse to very coarse grained, well sorted & well rounded, Numerous Clacite veins (70 degrees BCN). As measured from the top of the run, there is fault zone between 1.76m to 1.79m. This zone is broken and crushed, rock flower present. SLT: blackish brown, fine grained and a BCN of 0 degrees. One large (1cm thick0 calcite vein with a BCN of | | | | | | | , -i | 71 - | | - | | - · · · · · | |
| RAV06-007C | | 2.13 | 2.13 | 100.00 | 97.33 | | 97.33 | 98.94 | 1.61 | 96.67 | 98.28 | | SST/SLT | 5 degrees. | Py | Tr | Cal | 2 | , | W6 | mm to 0.5n | | 70 | 0.47 | 90 | R7 | Fair |
| RAV06-007C RAV06-007C | | | | | | 99.46 | 98.94 | 99.46 | 0.52 | 98.28 | 98.80 | | SST/SLT | Part of above Interval | | | | | | | | Fr | 5 | 7.1 | | | |
| RAV06-007C | | 2.90 | 2.76 | 95.17 | 99.46 | 99.40 | 99.46 | 99.60 | 0.52 | | 98.94 | | 331/3L1 | Rock Loss | | | | | | 1 | | | | | | | |
| | | | | | | | | | | | | | | Light grey, very coarse grained, massive. 10% of the | | | | | | | | | | | | | |
| RAV06-007C | | | | | | | 99.60 | 99.74 | 0.14 | 98.94 | 99.08 | | SST | interval is made up of SLT. SLT: brownish black, fine grained, massive, broken & crushed | _ | | Cal | 1 | | W6 | Imm to 3 cm | Fr | 65 | 14.28 | 0 | R7 | Fair |
| KAV06-007C | | | | | | | 99.60 | 99.74 | 0.14 | 90.94 | 99.06 | | 331 | grained, massive, broken & crushed | - | | Cai | | | VVO | IIIIII to 3 cm | ГІ | 65 | 14.20 | U | K/ | ган |
| | | | | | | | | | | | | | | Interbedded SST & SLT. 50% SST & 50% SLT, Pretty flat lying bedding. SST: dary grey, medium to coarse grained, a BCN of 5 to 10 degrees, thickness of beds varys from 1 cm to 3 cm. SLT: brownish black, very fine grained, massive, BCN of 5 to 10 degrees. The whole run is very well banded (sharp contacts between SST & SLT). First 15cm are broken and crushed fault zone. Calcite forming along fracture faces. Most of the fractures are in the SLT | | | | | | | | | | | | | |
| RAV06-007C | | | | | | | 99.74 | 102.03 | 2.29 | 99.08 | 101.37 | 5 | SST/SLT | layers. SLT beds have a slightly vitreous sheen. | - | | Cal | 1.5 | | W6 | mm to 3 cm | Fr | 1 | 10.69 | 65 | R7 | Fair |
| RAV06-007C | | | | | | 102.36 | 102.03 | 102.36 | 0.33 | 101.37 | 101.70 | 5 | SST/SLT | Part of above Interval 80% SST & 20% SLT, Interbedded, SST: as above SST. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | SLT: as above SLT, BCN of bedding equals 20 degrees. | | | | | | | | | | | | | |
| RAV06-007C | 16 | 2.90 | 2.90 | 100.00 | 102.36 | | 102.36 | 102.99 | 0.63 | 101.70 | 102.33 | | SST/SLT | Calcite veining SLT: dark grey, massive, very fined grained, solid, One | - | | Cal | 1 | | W6 | | Fr | 7 | 1.59 | 100 | R7 | Ex |
| | | | | | | | | | | | | | | SST "load" structure. (As measured from the top of the run 0.30 to .0.27cm) Coal spars, and very polished SS | | | | | | | | | | | | | |
| RAV06-007C RAV06-007C | | | | | | 105.26 | | 104.85 105.26 | 1.86 0.41 | 102.33 104.19 | | | SLT SLT | faces. Part of above Interval | - | | Cal | Tr | | W6 | Massive | SS | 3 | 0.88 | 100 | R7 | Ex |
| NAV00-007C | ' | l I | | | | 103.20 | 104.03 | 103.20 | 0.41 | 104.13 | 104.00 | | | SLT: dark grey, massive, very fined grained, solid, Coal | | | | | ļ | | | | | | | | |
| RAV06-007C | 17 | 2.90 | 2.90 | 100.00 | 105.26 | | 105.26 | 107.82 | 2.56 | 104.60 | 107.16 | | SLT | spars, and very polished SS faces. The calcite veins have a BCN of 10 degrees. | _ | | Cal | 1 | | W6 | | Fr | 2 to 5 | 2.76 | 100 | R7 | Ex |
| RAV06-007C | | | 1 | | | 108.16 | 107.82 | 108.16 | 0.34 | 107.16 | 107.50 | | SLT | Part of above Interval | | | | | | | | | | | | | |
| RAV06-007C | : 18 | 2.90 | 2.90 | 100.00 | 108.16 | | 108.16 | 110.63 | 2.47 | 107.50 | 109 97 | | SLT | SLT: dark grey, massive, very fined grained, solid, Coal spars, and very polished SS faces. | _ | | Cal | 1 | | W6 | | Fr | 3 | 2.36 | 96 | R7 | Ex |
| RAV06-007C | | 2.50 | 2.50 | 100.00 | 100.10 | | 100.10 | 110.03 | 2.71 | 107.50 | 100.07 | | OLI | spars, and very polistica do races. | | | Cai | , i | | | | Fr | 60 | 0.67 | | IX | LX |
| RAV06-007C | | 0.00 | 0.04 | 70.00 | 111.00 | | | 111.06 | | 109.97 | | | SLT | Part of above Interval | | | | | | | | | | | | | |
| RAV06-007C RAV06-007C | | 2.90 | 2.31 | 79.66 | 111.06 | 1 | | 111.12 111.71 | 0.06 0.59 | 110.40 110.46 | | | SLT SST | Part of above Interval Light Grey, medium grained, massive | | 1 | | 1 | 1 | W6 | | Fr | 2 | 0.5 | 100 | R7 | Ex |
| 101100 0070 | | | | | | | 111112 | | 0.00 | 110.10 | 111.00 | | | Dark Grey, fine grained to very fine grained, massive. Two | | | | | | **** | | | | 0.0 | 100 | 107 | |
| RAV06-007C | | | | | | | | 112.85 | 1.14 | 111.05 | | 0.00 | SLT | calcite veins @ 10 degrees BCN. | - | | Cal | Tr | | W6 | | Fr | 2 | 1 | 100 | R7 | Ex |
| RAV06-007C RAV06-007C | | | | | | | 112.85 | 112.93 113.31 | 0.38 | 112.19 112.27 | | 0.08 | SST | Rock Loss Light Grey, medium grained, massive SST | | | Cal | Tr | | W6 | | Fr | 1 | 1 | 100 | R7 | EX |
| RAV06-007C | | | | | | | 113.31 | 113.41 | | 112.65 | 112.75 | | SST | Roof Sample. Part of Above Unit | | | | | 10360 | | | - | | | ,- | | |
| RAV06-007C | | | 1 | | 1 | | 113.41 | 113.92 | | 112.75 | 113.26 | 0.51 | | Coal Loss Broken Chunks of SH. Amoung chunks of SH small clasts | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | of dull & bright coal. On the larger chunks of SH, cleats of | | | | | | | | | | | | | |
| DAV/00 00=0 | | | | | | 440.05 | 440.00 | 446.00 | 0.01 | 440.00 | 440.00 | |) II - O' - | dull & bright coal. These cleats are 2 to 3 mm thick. 90% | | | | | 40004 | 14/0 | | _ | | 5 0 | | D.C | Б. |
| RAV06-007C RAV06-007C | | 2.29 | 2.29 | 100.00 | 113.96 | | | 113.96 113.98 | | 113.26 113.30 | | | Coal | SH, 10% coal One chunk of rounded dull coal, light | - Py | Tr | Cal | Tr | 10361 10361 | W6 W6 | | Fr | | <50 | 0 | R3 R2 | Poor Poor |
| | | | | | | | | | | | | | | Black, massive, numerous coal spars and beds, very fine | | | | | | | | | | | | | |
| RAV06-007C | | | 1 | | 1 | | 113.98 | 114.07 | 0.09 | 113.32 | 113.41 | | Carb. SH | grained. | - | | Cal | Tr | 10362 | W6 | | | | | 0 | R7 | Fair |
| | | | | | | | | | | | | | | Black, Bright & Dull, 70% bright, 30% dull. Numerous calcite veins in and between the cleats. Small pyrite smears, in fractures. Minor amount of bubbling, and only in a few places. For the most part the coal is solid. The bright coal has a vitreous sheen, with 1 to 3 mm cleats. | | | | | | | | | | | | | |
| RAV06-007C | : | | 1 | | 1 | | 114.07 | 114.56 | 0.49 | 113.41 | 113.90 | | Coal | The dull coal has no cleating 1 mm to 1 cm thick beds | Ру | Tr | Cal | 2 | 10363 | W6 | mm to 3mn | Fr | 1 | 2.04 | 69 | R2 | Fair |
| RAV06-007C | | | | | | | 114 56 | 114.66 | 0.10 | 113.90 | 114 00 | C | arb. SLT | Floor Sample, blackish brown, fine grained, massive, numerous coal spars and beds (5% of Sample). | - | | Cal | Tr | 10364 | W6 | Massive | Fr | 1 | 3.57 | 86 | R7 | Fair |
| RAV06-007C | | | | | | | | 114.84 | | 114.00 | | | arb. SLT | . , , , , | - | | Cai | | 10304 | VVU | widoolve | 11 | | 3.31 | 00 | 137 | i ail |
| DAV/00 00=0 | | | | | | | 44.4.0.4 | 446.47 | 4.00 | 444.40 | 445.54 | | 01 - | Light grey, fine grained, massive, coal spars, calcite | | | | | | 14/0 | | | - | 4.51 | 00 | D- | |
| RAV06-007C | | | | | | | | 116.17 | | 114.18 | | | SLT | infilling vugs Brownish SLT Matrix, with a brownish alteration to it, | - | | Cal | 1 | | W6 | | Fr | 3 | 4.51 | 92 | R7 | Fair |
| RAV06-007C RAV06-007C | | 2.90 | 2.90 | 100.00 | 116.25 | | | 116.25 117.17 | | 115.51 115.59 | | | SLT Reg | | - | | Cal | 2 | | W4 | | Fr | 5 | 6.89 | 75 | R7 | Good |
| RAV06-007C | | 2.50 | 2.30 | 100.00 | 110.25 | | | | | 116.51 | | | SLT Reg | | | | | | | | | | | | | | |

| DH_ID | Run# (| CoreDrilled | Core Rec'd | Percent | Driller's | Depth | Writte | n Log | | Correc | cted | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|-------------|----------|-------------|------------|-----------|-----------|--------|--------|--------|--------|--------|--------|---------------------------------------|------------|--|-----------------|-------|--------------------|---|-----------|------------|---------|----------|---------|--------|-----|----------|---------|
| | | | | Recovered | From | TO | FROM | TO | Length | FROM | TO | Core Loss | LITH | Description | Sulphide Minera | ıls % | Carbonate Minerals | % | Sample ID | Weathering | Spacing | Type | Dip/BCN | Freq/M | RQD | Strength | Quality |
| | | | | | | | | | | | | | | A med grained greenish black volcanic matrix, with large | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | chunks of both angular and rounded clasts of quartizite | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | and SST . SST clasts are in size from individual clasts to | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | cobble size. The interval is interlaced with calcite veining, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Chloritic alteration all over. Iron staining, quartz veining as | ; | | | | | | | | | | | | |
| RAV06-007C | | | | | | 119.15 | 117.62 | 119.15 | 1.53 | 116.96 | 118.49 | \ | olc. Cong | | Hm | 1 | Cal | 5 | | W4 | | Fr | 8 | 7.19 | 80 | R7 | Good |
| RAV06-007C | 22 | 2.90 | 2.89 | 99.66 | 119.15 | | 119.15 | 119.16 | | 118.49 | 118.50 | 0.01 | | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Volcanic matrix, with rounded clast of SST, quartize, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | volcanic material, and SLT. 70% matrix, 25% clasts, 5% | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | calcite. Numerous calcite veins running the length of the | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | core (up to 3 cm thick) Very friable, and soft. As well 0.5 m | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | from bottom a small fault zone (broken and crushed with | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | rock flower) Minor amount of iron staining, quartz veining | | | | | | | | | | | | | |
| RAV06-007C | | | | | | | 119.16 | 119.62 | 0.46 | 118.50 | 118.96 | ١ | olc. Cong | as well. | Hm | Tr | Cal | 5 | | W4 | | Fr | 90 | 0.38 | 51 | R3 | Fair |
| RAV06-007C | | | | | | | | | | | | | | | Py | Tr | | | | | | Fr | 3 | 3.41 | | | |
| RAV06-007C | | | | | | | 119.62 | 121.80 | 2.18 | 118.96 | 121.14 | \ | olc. Cong | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Volcanic matrix, with rounded clast of SST, quartize, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | volcanic material, and SLT. 70% matrix, 25% clasts, 5% | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | calcite. Numerous calcite veins running the length of the | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | core (up to 3 cm thick) Very friable, and soft. As well 0.5 m | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | from bottom a small fault zone (broken and crushed with rock flower) Minor amount of iron staining, quartz veining | | | | | | | | | | | | | |
| RAV06-007C | | | | | | 122.05 | 121 00 | 122.05 | 0.25 | 121.14 | 121 20 | , | /olc. Cond | as well. | | | Cal | 3 | | W4 | | Fr | 3 | 3.81 | 87 | R5 | Ex |
| RAV06-007C | | | | | | 122.05 | 121.00 | 122.05 | 0.25 | 121.14 | 121.39 | ` | roic. Cong | as well. | - | | Cal | 3 | | VV4 | | Fr | 90 | 0.63 | 01 | СЭ | ΕX |
| RAV06-007C | 23 | 2.90 | 2.90 | 100.00 | 122.05 | | 122.05 | 122.89 | 0.84 | 121.39 | 122 23 | \ | /olc. Cong | Part of above Interval | | | | | | | | Г | 90 | 0.03 | | | |
| RAV06-007C | 23 | 2.90 | 2.90 | 100.00 | 122.00 | 12/ 05 | 122.89 | | 2.06 | 122.23 | | | olc. Cond | | 1 | | | | | | | | | | | | |
| 1XAV00-007C | | | | | | 124.33 | 122.03 | 124.33 | 2.00 | 122.23 | 124.23 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | roic. Cong | 1 alt of above litterval | | | | | 1 | 1 | ļ. | | | | | | |
| | | | | | | | | | | | | | | Green, masive, chlorlitic matrix, numerous calcite veins, | | | | | | | | | | | | | |
| RAV06-007C | 24 | 2.9 | 2.49 | 85.86 | 124.95 | | 124.95 | 127.44 | 2.49 | 124.29 | 126.78 | | Volc. | Extremely hard rock, calcite veins are at 90 degrees BCN | | | Cal | 2 | | W6 | Massive | Fr | 3 | 4.01 | 60 | R7 | Good |
| RAV06-007C | | | | | | | | | | | | | | | | | | | | | | Fr | 90 | 0.41 | | | |
| RAV06-007C | | | | | | 127.85 | 127.44 | 127.85 | | 126.78 | 127.19 | 0.41 | | Rock Loss | | | | | | | | , | | | | | |
| RAV06-007C | <u> </u> | | 1 | <u> </u> | · | | | | | | | | | EOH | <u> </u> | , | · | | | | | · | · | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| DI LID | D " | 0 0 11 1 | 0 0 11 | | D ::: . | 5 | 101.00 | | | 0 | | | | | | | | | | | | - , | | | | | 0 |
|--------------------------|-------|-------------|------------|----------------------|-------------------|---------------|------------------|------------------|--------------|------------------|------------------|----------|------------|--|---------------|----------|---------------------|------------|----------|--------------|------------------|------------------|----------|----------------|------|----------|-----------------|
| DH_ID | Run # | CoreDrilled | Core Rec'd | Percent Recovered | Driller's From | s Depth TO | FROM | en Log TO | Length | Correct FROM | | ore Loss | LITH | Description | Sulphide Mir | nerals % | Carbonate Minerals | % Samp | e ID Wea | athering | Bed I Spacing | Fracture Type | Din/BCN | Info Freg/M | RQD | Strength | Core Quality |
| RAV06-008C | | | | 1100010104 | | | 0 | 67.06 | 67.06 | 0.00 | 66.97 | 010 2000 | ОВ | Overburden | Caipinac iiii | 70 | Garbonato imilorato | 70 00.115 | | au ioi ii ig | opaomig | .) 0 | 2.0,20.1 | 1109111 | 1100 | ou ongui | a damey |
| RAV06-008C | | | | | | | 67.06 | 79.24 | 12.18 | | 79.15 | | SST | | | | | 800 | | | | | | | | | |
| RAV06-008C | | | | | | | 79.24 | 97.04 | 17.80 | | 96.95 | S | SST/SH | | | | | 800 | | | | | | | | | |
| RAV06-008C | | | | | | | 97.04 | 100.58 | 3.54 | | 100.49 | | SST | | | | | 800 | | | | | | | | | |
| RAV06-008C RAV06-008C | | | | | | | 100.58 103.68 | 103.68 106.68 | 3.10 3.00 | | 103.59 106.59 | | SST SST | | | | | 800 800 | | | | | | | | | |
| RAV06-008C | | | | | | | 106.68 | 100.00 | 2.55 | | 100.59 | | SST | | | | | 800 | | | | | | | | | |
| RAV06-008C | | | | | | | 109.23 | 112.78 | 3.55 | 109.14 | | | MST | | | | | 800 | | | | | | | | | |
| RAV06-008C | | | | | | | 112.78 | 128.02 | 15.24 | 112.69 | 127.93 | S | SST/SH | | | | | 800 | 18 | | | | | | | | |
| RAV06-008C | | | | | | | 128.02 | | 16.27 | 127.93 | | | SST | | | | | 800 | 19 | | | | | | | | |
| RAV06-008C | | | | | | | 144.29 | | | | 144.40 | 0.20 | COAL | | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | | 144.94 | 0.45 | | | 0.45 | MST | | | | | 004 | 0 | | | | | | | | |
| RAV06-008C | | | | | | | 144.94 | 145.39 | 0.45 | 144.85 | 145.30 | | COAL | | | | | 80′ | U | | | | | | | | |
| | | | | | | | | | | | | | | Dark Grey, very fine grained, high carbon content, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | numerous mirco fractures filled with calcite, broken & | | | | | | | | | | | | | |
| RAV06-008C | 1 | 1.98 | 1.98 | 100 | 145.39 | | 145.39 | 145.67 | 0.28 | 145.30 | 145.58 | | SLT | crushed, calcite veins in the SLT, fault gouge present. | - | | Cal | 1 | ١ | W6 I | Massive | Fr | ? | <25 | 0.0 | R6 | Fair |
| | | | | | | | | | | | | | | Interbedded, but with a mottled appearance.80% SLT & | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 20% SST. No BCN for the bedding. Numerous coal | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 147.37 | 145 67 | 147 27 | 1.70 | 145.58 | 1/7 20 | 0 | SLT/SST | spars, and several rip up clasts of the above SLT. Wavy upper contact with the SLT. | | | Cal | 1 | , | W6 mı | m to 10 cr | Fr | 2 | 5.29 | 60 | R7 | Good |
| KAV00-000C | | | | | | 147.37 | 145.07 | 147.37 | 1.70 | 140.00 | 147.20 | 3 | DL1/331 | upper contact with the SET. | - | | Cai | ı | | VVO IIII | 11 10 10 01 | ГІ | | 5.29 | 60 | K/ | Good |
| | | | | | | | | | | | | | | Light grey to dark grey to black, mottled appearance, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 40% SLT & 60% SST. Very thin Shale stringers @ 0 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | degrees BCN. SLT: dark grey to black, very fine to | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | medium grained, massive. SST: light grey, coarse to | | | | | | | | _ | | | | | |
| RAV06-008C | 2 | 2.84 | 2.84 | 100 | 147.37 | 450.04 | | 148.40 | 1.03 | 147.28 | | | | very coarse grained, numerous fossils and coal spars. | - | | Cal | 1 | ' | W6 1m | nm to <1rr | Fr | 1 | 1.01 | 100 | R7 | Excellent |
| RAV06-008C | | | | | | 150.21 | 148.40 | 150.21 | 1.81 | 148.31 | 150.12 | 5 | SLT/SST | Part of above Interval As above SLT/SST, except for pyrite smears around | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | some of the coal spars. BCN of Shale stringers is 10 | | | | | | | | | | | | | |
| RAV06-008C | 3 | 2.90 | 2.90 | 100 | 150.21 | | 150.21 | 151.13 | 0.92 | 150.12 | 151.04 | S | SLT/SST | , | Py | 1 | Cal | 1 | ١ | W6 1m | nm to <1m | Fr | 1 | 0.77 | 100 | R7 | Excellent |
| RAV06-008C | | | | | | | 151.13 | 152.83 | 1.70 | 151.04 | 152.74 | S | SLT/SST | Part of above Interval | • | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Light grey to dark grey to black, mottled appearance, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 40% SLT & 60% SST. Very thin Shale stringers @ 0 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | degrees BCN. SLT: dark grey to black, very fine to | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 153 11 | 152.83 | 153 11 | 0.28 | 152.74 | 153.02 | | SST | medium grained, massive. SST: light grey, coarse to very coarse grained, numerous fossils and coal spars | Hm | Tr | Cal | Tr | , | W6 I | Massive | Fr | 2 | 0.52 | 100 | R7 | Excellent |
| RAV06-008C | 4 | 2.59 | 2.59 | 100 | 153.11 | 100.11 | | 154.74 | | 153.02 | | | SST | Part of above Interval | 1 1111 | | Odi | ., | | *** | VIGOSIVO | | | 0.02 | 100 | 107 | LXCOICH |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Whitish grey, coarse grained, subrounded to subangular, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | massive, pyrite smears, SH stringers, SH stringers are | | | | | | | | | | | | | |
| RAV06-008C | _ | 4.00 | 4.00 | 400 | 455.70 | 155.70 | 154.74 | | 0.96 | 154.65 | | | SST | wispy and discontinous, very solid, compentent. | Ру | 1 | Cal | 1 | ' | W6 I | Massive | Fr | 1 | 1.57 | 98 | R7 | Excellent |
| RAV06-008C RAV06-008C | 5 | 1.82 | 1.82 | 100 | 155.70 | 157 52 | 155.7 156.57 | 156.57 157.52 | 0.87 0.95 | 155.61 156.48 | | | SST | Part of above Interval Part of above Interval | | | | | | | | | | | | | |
| RAV06-008C | 6 | 1.52 | 1.52 | 100 | 157.52 | 137.32 | | 157.75 | | 157.43 | | | SST | Part of above Interval | | | | | | | | | | | | | |
| 101100 0000 | | 1.02 | | .00 | 107102 | | 101102 | | 0.20 | 101110 | .000 | | 00. | Light grey black, coarse to very course, wispy irregular | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | coally SH stringers. Pyrite smears and calcite veins | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 159.04 | 157.75 | | 1.29 | 157.66 | | | SST | around the SH stringers. | Ру | Tr | Cal | 1 | | | Massive | Fr | 2 | 0.77 | 100 | | Excellent |
| RAV06-008C | 7 | 1.60 | 1.73 | 108 | 159.04 | 465 | | 159.72 | | 158.95 | | | SST | As above SST | | | Cal | 1 | 1 | W6 I | Massive | Fr | 2 | 0.56 | 100 | R7 | Excellent |
| RAV06-008C RAV06-008C | C | 1.83 | 1.83 | 100 | 160.64 | 160.64 | 159.72 160.77 | | 1.05 1.63 | 159.63 160.68 | 160.68 | | SST | Part of above Interval As above SST | | | Cal | 1 | | W6 I | Massive | Fr | 0 | 0.55 | 100 | D7 | Excellent |
| RAV06-008C | 0 | 1.03 | 1.03 | 100 | 100.04 | 162.47 | | 162.40 | 0.20 | 162.31 | | | SST | Part of above Interval | | | Cai | · · | | VVO I | viassive | ГІ | U | 0.55 | 100 | K/ | Excellent |
| RAV06-008C | 9 | 2.74 | 2.74 | 100 | 162.47 | 102.77 | | 164.90 | | 162.51 | | | SST | As above SST, with the lower contact is irregular | Ру | 1_ | Cal | 1 | 1 | W6 I | Massive | Fr | 1 | 0.43 | 100 | R7 | Excellent |
| | - | | | | | | | 200 | | | | | - | , | . , | | | | | | | | | | | | 22.11 |
| | | | | | | | | | | | | | | 80% SH & 20% coal. SH: black massive. Coal: dull coally | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 164.9 | 164.94 | 0.04 | 164.81 | 164.85 | | CSH | layers. Lower contact is sharp at 20 degrees BCN. | Ру | 1 | Cal | 0.5 | , | W6 | 1mm | | | | 0.0 | R4 | Excellent |
| | | | | | | | | | | | | | | Medium grey/brown, very fine grained, massive, several | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | coal stringers with pyrite smears, BCN of calcite veins @ | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 164.94 | 165.09 | 0.15 | 164.85 | 165.00 | | SLT | 0 degrees. Bottom 15cms are broken and crushed due to drilling. | Ру | 0.5 | Cal | 0.5 | , | W6 I | Massive | Fr | 20 | 5.35 | 73 | R5 | Good |
| RAV06-008C | | | | | | 165.21 | 165.09 | | 0.15 | 165.00 | | | SLT | Part of above Interval | ı y | 0.5 | Jul | 0.0 | , | 1 | | • • | 20 | 0.00 | , 0 | 110 | |
| RAV06-008C | 10 | 2.74 | 2.74 | 100 | 165.21 | | | 165.50 | 0.16 | 165.25 | | | SLT | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 165.5 | 166.79 | 1.29 | 165.41 | 166.70 | | SLT | As above SLT, with the lower contact being gradational. | Ру | 1 | Cal | Tr | , | W6 I | Massive | Fr | 5 | 3.1 | 85 | R7 | Excellent |
| | | | | | | | | | | | | | | Mottled appearance, minor amount of fossils. SLT: dark | | | | | | | | | | | | | |
| D V//06 000C | | | | | | | 166.70 | 167.00 | 1 20 | 166 70 | 167.00 | | SLT/SST | grey, fine to very fine grained. SST: light grey, course grained, massive. | | | | | , | \\\\ | Maccina | | | | 100 | D7 | Eveellent |
| RAV06-008C | | | | | | | 100.79 | 167.99 | 1.20 | 166.70 | 107.90 | 5 | DL1/331 | grained, massive. Light grey, coarse to very course grained. Shale | - | | | | , | W6 I | Massive | | | | 100 | R7 | Excellent |
| | | | | | | | | | | | | | | stringers make up 5% of the interval. These stringers | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | have a BCN of 1 degree. They are black, massive, and | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | are hard for shale. Calcite veins that are 1mm to 2cm | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 167.95 | 167.99 | | 0.09 | 167.90 | | | SST | thick are running @ 90 degrees BCN. | - | | | | | | | | | | | | |
| RAV06-008C | 11 | 2.90 | 2.96 | 102 | 167.95 | | 168.08 | 168.34 | 0.26 | 167.99 | 168.25 | | SST | Part of above Interval | | | Cal | 1 | 1 | W6 I | Massive | Fr | 0 | 0.98 | 100 | R7 | Excellent |

| DILLID | Dun # | CaraDrillad | Care Deald | Davaget | Duilloulo | n Donath | \\/\midda | Low | | Carra | ad I | | | | | | | | | | Dod | | | lafa | | | Cara |
|--------------------------|-------|-------------|------------|----------------------|-------------------|----------|-----------------|--------|----------|-----------------|--------|----------|--------------------|--|--------------------|----------|----------------------|----|-----------|-----------|------------------|----------|----------|----------------|------|------------|-----------|
| DH_ID | Run # | CoreDrilled | Core Rec'd | Percent Recovered | Driller's From | TO | Written FROM | - 3 | Length | Correct FROM | | ore Loss | LITH | Description | Sulphide Minerals | s % | Carbonate Minerals | % | Sample ID | Weatherin | | Fracture | Dip/BCN | Info Freg/M | RQD | Strenath | Core |
| RAV06-008C | | | | | | | 168.34 | | | 168.25 | | 2000 | SST | Part of above Interval | Culpinae ininerale | ,,, | Carporiate imiterate | 70 | oumpio is | | g | .) 0 | 2.0,2011 | | 1100 | ou ongui | Quanty |
| | | | | | | | | | | | | | | Light grey, coarse to very course grained, onw large coal | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | spar. Shale stringers make up 5% of the interval. These | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | stringers have a BCN of 10 degree. They are black, massive. Calcite veins that are 1mm to 2cm thick are | | | | | | | | | | | | | |
| RAV06-008C | 12 | 2.90 | 2.90 | 100 | 170.85 | 173 75 | 171.04 | 173 94 | 2.90 | 170.95 | 173 85 | | SST | running @ 90 degrees BCN. | _ | | Cal | 1 | | W6 | Massive | Fr | 0 | 0.35 | 100 | R7 | Excellent |
| 101100 0000 | '- | 2.00 | 2.00 | 100 | 170.00 | 170.70 | 17 1.0 1 | 170.01 | 2.00 | 170.00 | 170.00 | | 001 | As above SST. With SH Stringers that have a BCN that | | | Oui | • | | **** | Maconio | • • | Ŭ | 0.00 | 100 | 107 | ZXOOIIOTT |
| | | | | | | | | | | | | | | varies in between 0 and 10 degrees. Pyrite smears | | | | | | | | | | | | | |
| RAV06-008C | 13 | 2.90 | 2.99 | 103 | 173.75 | | 173.94 | 176.82 | 2.88 | 173.85 | | | SST | around the shale stringers. | Py | 1 | Cal | 1 | | W6 | mm SH bed | Fr | 10 | 0.67 | 100 | R7 | Excellent |
| RAV06-008C RAV06-008C | | | | | | 176 65 | 176.82 | 176 02 | 0.11 | 176.73 176.73 | | | SST | Part of above Interval | Hm | 1 | | | | | | Fr | 0 | 0.67 | | | |
| KAV00-000C | | | | | | 170.05 | 170.02 | 170.93 | 0.11 | 170.73 | 170.04 | | | As above SST with the BCN of Shale stringers varying in | | | | | | | | | | | | | |
| RAV06-008C | 14 | 2.90 | 2.90 | 100 | 176.65 | | 176.93 | 179.69 | 2.76 | 176.84 | 179.60 | | SST | between 10 and 15 degrees. | Ру | 1 | Cal | 1 | | W6 | mm SH bed | Fr | 15 | 0.69 | 100 | R7 | Excellent |
| RAV06-008C | | | | | | | | | | 179.60 <i>′</i> | | | | | | | | | | | | Fr | 75 | 0.34 | | | |
| RAV06-008C | | | | | | 179.55 | 179.69 | 179.83 | 0.14 | 179.60 | 179.74 | | SST | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Light grey, coarse to very course grained, massive, coal | | | | | | | | | | | | | |
| RAV06-008C | 15 | 2.90 | 2.90 | 100 | 179.55 | | 179.83 | 180.31 | 0.48 | 179.74 | 180.22 | | SST | spars, wispy shale stringers, sharp lower contact. | - | | | | | W6 | Massive | | | | 100 | R7 | Excellent |
| | | | | | | | | | | | | | | 70% SLT & 30% SST, mottled appearance, plant | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | material, numerous fossils, coal & shale stringers, very | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 180.31 | 181.61 | 1.30 | 180.22 | 101 52 | | SLT/SST | thick(1.5cm) calcite veins, soft in spots and fault gouge present, sharp, but irregular lower contact. | | | Cal | 2 | | W6 | mm to 10cr | Fr | 0 | 0.76 | 75 | R7 | Excellent |
| RAV06-008C | | | | | | | 100.31 | 101.01 | 1.30 | 181.52 | | ` | 3L1/331 | present, snarp, but irregular lower contact. | - | | Gai | 2 | | VVO | min to roci | SS | 20 | 3.08 | 75 | N/ | Excellent |
| RAV06-008C | | | | | | | 181.61 | 181.87 | 0.26 | 181.52 | | | SLT | Dark grey, very fine grained, massive, broken. | | | | | | W6 | Massive | Fr | 3 to 10 | 2.31 | 50 | R6 | Fair |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 70% SLT & 30% SST, mottled appearance, plant | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 181.87 | 182.51 | 0.64 | 181.78 | 182 42 | | SLT/SST | material, numerous fossils, coal & shale stringers, calcite veins at all angles, last 12cm broken from the coring. | _ | | Cal | 2 | | W6 | | | | | 90 | R6 | Good |
| RAV06-008C | | | | | | 182.45 | | 182.73 | 0.04 | 182.42 | | | SLT/SST SLT/SST | 5 , | - | | Gai | 2 | | VVO | | | | | 90 | No | Good |
| RAV06-008C | 16 | 2.90 | 2.74 | 94 | 182.45 | | 182.73 | | <u> </u> | 182.64 | | | | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SLT/SST. The veins have a BCN of 10 | | | | | | | | | | | | | |
| RAV06-008C RAV06-008C | | | | | | 185.35 | 182.89 | 185.63 | 2.74 | 182.80 | 185.54 | | SLT/SST | degrees. The last 20cm has rounded by the bit. | - | | Cal | 2 | | W6 | nm to mottle | Fr Fr | 5 10 | 2.55 0.72 | 90 | R7 | Fair |
| KAV06-008C | | | | | | | | | | | | | | First 10cm of core are rounded and broken from the | | | | | | | | FI | 10 | 0.72 | | | |
| | | | | | | | | | | | | | | drilling.Interbeddded with a mottled appearance, 50% | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | SST & 50%SLT. This run has numerous fossils, coal | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | spars, coal beds, and wispy Shale stringers. SLT: dark | | | | | | | | | | | | | |
| RAV06-008C | 17 | 1.83 | 1.83 | 100 | 185.35 | | 185.63 | 186.18 | 0.55 | 185.54 | 186 00 | | SLT/SST | grey massive, very fine grained. SST: whitish grey, very coarse grained, massive. | | | Cal | 1 | | W6 | 1mm to <1rr | Fr | 25 | 1.81 | 71 | P 7 | Excellent |
| RAV06-008C | 17 | 1.03 | 1.03 | 100 | 100.00 | | 100.00 | 100.10 | 0.55 | 100.04 | 100.09 | ` | 3L1/331 | coarse grained, massive. | | | Cai | | | VVO | 1111111110 < 111 | Fr | 0 | 3.64 | 7 1 | N/ | Excellent |
| RAV06-008C | | | | | | | 186.18 | 186.28 | 0.10 | 186.09 | 186.19 | 5 | SLT/SST | Roof Sample & part of above unit. | | | | | 10389 | | | | | | | | |
| | | | | | | | | | | | | | | Dull, black, thinly bedded, with numerous thin beds of | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | | 186.73 | 0.45 | | 186.64 | | Coal | shale. | Py | Tr Tr | Cal Cal | 1 | 10390 | W6 | >1mm | Fr | 20 | 11.11 | 95 | R2 | Good |
| RAV06-008C | | | | | | | 186.73 | 186.78 | 0.05 | 186.64 | 186.69 | | | Black, massive, Parting Sample Dull, black, thinly bedded, with numerous thin beds of | Ру | 11 | Cai | 1 | 10391 | W6 | | | | | 0.0 | R6 | Fair |
| RAV06-008C | | | | | | | 186.78 | 186.87 | 0.09 | 186.69 | 186.78 | | Coal | shale. | Py | Tr | Cal | 1 | 10392 | W6 | >1mm | Fr | ? | <50 | 0.0 | R2 | Fair |
| | | | | | | | | | | | | | | Flooe Sample. Broken and crushed, but all there. | · | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 186.87 | 186.97 | 0.10 | 186.78 | 186.88 | C | Carb. SLT | | Ру | Tr | Cal | 1 | 10393 | W6 | 1mm | Fr | ? | <50 | 0.0 | R6 | Good |
| | | | | | | | | | | | | | | Light grey, medium grained. One large fracture infilled with calcite (2cm thick, and 0.5m long) @ 90 degrees | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 187.18 | 186.97 | 187.46 | 0.49 | 186.88 | 187.37 | | SLT | BCN. | Ру | Tr | Cal | 2 | | W6 | Maasive | Fr | 3 | 6.12 | 39 | R6 | Good |
| RAV06-008C | | | | | | | | | | | | | | | ., | | | | | | | Fr | 90 | 2.04 | | | |
| | | | | | | | | | | | | | | Interbedded, 90%SST & 10% SH beds, with a large | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | number of coal spars, and coal beds. BCN of SH beds: | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | at top of run, 10 degrees & at the bottom of run 15 degrees. BCN of calcite veins is 75 degrees. SST: | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | whitish grey, very course grained. SH: both stringers and | | | | | | | | | | | | | |
| RAV06-008C | 18 | 2.90 | 2.90 | 100 | 187.18 | | 187.46 | | 1.03 | 187.37 | | | SST/SH | beds, black very fine grained, massive. | - | | Cal | 1 | | W6 | 1cm to 1m | Fr | 10 | 1.75 | 69 | R7 | Excellent |
| RAV06-008C | | | | | | 190.08 | 188.49 | 190.36 | 1.87 | 188.40 | 190.27 | | SST/SH | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | AS above SST/SH except the amount of and array and | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | AS above SST/SH, except the amount of coal spars and beds has increased. Coal beds: BCN of 2 degrees, 1mm | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | thick cleats, gas could be heard escaping. BCN of | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Fracture with slickenslides @ 75 degrees BCN is quite | | | | | | | | | | | | | |
| RAV06-008C | 19 | 2.90 | 2.94 | 101 | 190.08 | | 190.36 | 191.28 | 0.92 | 190.27 | 191.19 | | SST/SH | large. (approx .75 long, and 2 cm thick) | Ру | Tr | Cal | 1 | | W6 | 2cm | Fr | 1 | 1.00 | 40 | R7 | Excellent |
| RAV06-008C RAV06-008C | | | | | | | | | | | | | | | | | | | | | | Fr SS | 15 75 | 5.00 0.66 | | | |
| RAV06-008C | | | | | | 192.98 | 191.28 | 193.30 | 2.02 | 191.19 | 193.21 | | SST/SH | Part of above Interval | | | | | | | | 55 | , , | 0.00 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| DH_ID | Run # | CoreDrilled | Core Rec'd | | Driller's | _ | Writte | | Lawanth | Correct | | re Loss LIT | Description | Culphide Minerale | O/ Corbonata Mi | | Comple ID Was | Bed Creation | Fracture | | Info | DOD | Core |
|--|-------|-------------|------------|-----------|-----------|--------|------------------|------------------|--------------|----------------------|--------|-----------------|--|-------------------|-----------------|----------|---------------|--------------------------|----------------------|---------------------|------------------------------|-----|------------------------------|
| | | | | Recovered | From | ТО | FROM | ТО | Length | FROM | 10 (0) | e Loss LIII | 1 Description | Sulphide Minerals | % Carbonate Min | nerais % | Sample ID Wea | athering Spacing | Туре | Dip/BCN | Freq/IVI | RQD | Strength Quality |
| | | | | | | | | | | | | | Greyish white, course to very course grained, massive Top 20 cm are carboneous with numerous coal spars and shale stringers. For the rest of the run the amount of coal spars and coal beds has dramatically decreased. BCN of coal beds is 5 degrees. The core has been | of | | | | | | | | | |
| RAV06-008C RAV06-008C | 20 | 2.90 | 2.90 | 100 | 192.98 | | 193.3 | 193.91 | 0.61 | 193.21 | 193.82 | SS | fractured in the shale beds, with most of these fracture | s - | Cal | 1 | | W6 >1mm to 2 | 2m SS SS | 50 20 | 0.34 1.38 | 100 | R7 Excellent |
| RAV06-008C RAV06-008C | | | | | | 195.88 | 193.91 | 196.20 | 2.29 | 193.82 | 196.11 | SS | Part of above Interval | | | | | | Fr | 0 | 0.34 | | |
| DAMOS 0000 | 04 | 0.00 | 0.00 | 400 | 405.00 | | 400.0 | 400.00 | 0.00 | 100.11 | 100 74 | 00 | As above SST, but much more fractured. The fractures | | 0-1 | | | MO Marairo | F., | 50 | 0.00 | 0.4 | D7 |
| RAV06-008C RAV06-008C | 21 | 2.90 | 2.96 | 102 | 195.88 | | 196.2 | 196.83 | 0.63 | 196.11 | 196.74 | SS | at 50, 70, 90 degrees are very large. | - | Cal | 1 | | W6 Massive | e Fr Fr | 50 20 | 0.33 1.01 | 81 | R7 Fair |
| RAV06-008C RAV06-008C | | | | | | | | | | | | | | | | | | | Fr Fr | 90 70 | 0.33 0.33 | | |
| RAV06-008C | | | | | | 198.78 | 196.83 | 199.16 | 2.33 | 196.74 | 199.07 | SS | Part of above Interval | | | | | | гі | 70 | 0.33 | | |
| | | | | | | | | | | | | | As above SST, except the amount of calcite veining ha increased. The shoe was packed, and when the core | | | | | | | | | | |
| RAV06-008C | 22 | 2.90 | 2.90 | 100 | 198.78 | | 199.16 | 199.58 | 0.42 | 199.07 | 199.49 | SS | | - | Cal | 2 | | W6 Massive | e Fr | 90 | 0.34 | 68 | R7 Excellent |
| RAV06-008C RAV06-008C | | | | | | | | | | | | | | | | | | | Fr SS | 0 40 | 0.69 1.72 | | |
| RAV06-008C | | | | | | 201.68 | 199.58 | 202.06 | 2.48 | 199.49 | 201.97 | SS | | | | | | | | | | | |
| | | | | | | | | | | | | | As above SST, except for 20 cm from the top of the rur there is a brecciated zone. It is 15cm thick and is made | | | | | | | | | | |
| RAV06-008C | 23 | 2.90 | 2.90 | 100 | 201.68 | | 202.06 | 202.34 | 0.28 | 201.97 | 202.25 | SS | | <u>-</u> | Cal | 1 | | W6 Massive | | 0 | 2.04 | 84 | R7 Excellent |
| RAV06-008C RAV06-008C | | | | | | 204 58 | 202.34 | 204 96 | 2.62 | 202.25 | 204 87 | SS | Part of above Interval | | | | | | Fr | 15 | 5.1 | | |
| 101100 0000 | | | | | | 201.00 | 202.01 | 201.00 | 2.02 | 202.20 | 201.07 | | Grey/white, massive, course to veru course grained, a | | | | | | | | | | |
| RAV06-008C | 24 | 2.59 | 2.59 | 100 | 204.58 | | 204.96 | 205.55 | 0.50 | 204.87 | 205.46 | SS | few shale stringers. BCN of calcite veins is 75 degrees Calcite infilling fractures. | s. _ | Cal | 1 | | W6 Massive | e Fr | 0 | 0.39 | 79 | R7 Excellent |
| RAV06-008C | 24 | 2.55 | 2.00 | 100 | 204.50 | | 204.90 | 200.00 | 0.59 | 204.07 | 203.40 | 33 | Calone mining nactures. | - | Cai | ' | | vvo iviassivė | SS | 70 | 0.39 | 13 | IVI EXCENENT |
| RAV06-008C | | | | | | | | | | | | | | | | | | | Fr | 40 | 0.39 | | |
| RAV06-008C RAV06-008C | | | | | | 207.17 | 205.55 | 207.55 | 2.00 | 205.46 | 207.46 | SS | Part of above Interval | | | | | | SS | 90 | 0.78 | | |
| | | | | | | | | | | | | | As above SST, except the first 53cm are fractured and | d | | | | | | | | | |
| RAV06-008C RAV06-008C | 25 | 2.90 | 2.90 | 100 | 207.17 | | 207.55 | 208.11 | 0.56 | 207.46 | 208.02 | SS | broken. | - | Cal | 1 | | W6 Massive | e Fr Fr | 90 40 | 0.33 | 82 | R7 Excellent |
| RAV06-008C RAV06-008C | | | | | | | | | | | | | | | | | | | Fr Fr | 75 1 | 0.33 0.99 | | |
| RAV06-008C | | | | | | 210.07 | 208.11 | 210.45 | 2.34 | 208.02 | 210.36 | SS | | | | | | | | · | 0.00 | | |
| RAV06-008C | 26 | 2.74 | 2.74 | 100 | 210.07 | | 210.45 | 210.55 | 0.10 | 210.36 | 210.46 | SS | | | | | | | | | | | |
| | | | | | | | | | | | | | As above SST, except for the core is much softer. The core is friable in places. In addition, there is a marked increase in the amount of calcite veining. The veining goes in all directions, but there is one very thick and lor | | | | | | | | | | |
| RAV06-008C RAV06-008C RAV06-008C | | | | | | | 210.55 | 210.75 | 0.20 | 210.46 2 | 210.66 | SS ⁻ | | - | Cal | 3 | | W6 Massive | e Fr Fr Fr | 75 20 0 | 1.05 0.35 0.35 | 84 | R5 Excellent |
| RAV06-008C RAV06-008C | 27 | 1.52 | 1.52 | 100 | 212.81 | 212.81 | 210.75 | | | 210.66 | | SS' | | | | | | | | | | | |
| NAV00-000C | 21 | 1.02 | 1.02 | 100 | 212.01 | | 213.19 | 213.40 | 0.21 | 213.10 | 10.01 | 33 | As above SST, but the core is covered in micro | | | | | | | | | | |
| RAV06-008C RAV06-008C RAV06-008C RAV06-008C | | | | | | 214.33 | 213.4 | 214.71 | 1.31 | 213.31 | 214.62 | SS | | - | Cal | 2 | | W6 Massive | Fr Fr Fr Fr | 2 90 75 20 | 1.35 1.35 0.67 1.35 | 50 | R5 Excellent |
| RAV06-008C | 28 | 2.90 | 2.89 | 100 | 214.33 | | 214.71 | 214.88 | 0.17 | 214.62 | 214.79 | SS | Part of above Interval Greyish white, course to very course grained. Two larg | 10 | | | | | | | | | |
| | | | | | | | | | | | | | fractures @ 90 degrees BCN, and two large fractures @ 75 degrees BCN. These fractures all have been infilled with calcite (1.5cm thick), and have dissemiated pyrite in them. Around the edges of the fractures the SST has | @ d in | | | | | | | | | |
| RAV06-008C RAV06-008C | | | | | | | 214.88 | 216.36 | 1.48 | 214.79 | 216.27 | SS | | | 2 Cal | 4 | | W5 Massive | e Fr Fr | 90 75 | 1.35 1.35 | 65 | R7 Excellent |
| RAV06-008C | | | | | | | 216.36 | | 0.00 | 216.27 | | | Rock Loss | | | | | \\\\C \\ \\^' | | | | | D6 |
| RAV06-008C RAV06-008C | | | | | | | 216.37 216.39 | 216.39 216.51 | 0.02 0.12 | 216.28 2 216.30 2 | | MS SS | | Ру | Tr Cal | 1 | | W6 Massive W6 Massive | | 1 | 0.67 | 100 | R6 Excellent R7 Excellent |
| RAV06-008C | | | | | | 217.23 | 216.51 | | 1.10 | 216.42 | | SS | Part of above Interval | | | · | | | | · | | | |
| | | | | | | | | | | | | | Grey white, course to very course, massive, fossils. A few wispy shale stringers. BCN of shale stringers is 0 | | | | | | | | | | |
| RAV06-008C | 29 | 2.74 | 2.74 | 100 | 217.23 | | 217.61 | 219.23 | 1.62 | 217.52 | 219.14 | SS | | - | Cal | 1 | | W6 Massive | | 15 | 5.22 | 100 | R7 Excellent |
| RAV06-008C RAV06-008C | | | | | | 219.97 | 219.23 | 220.35 | 1.12 | 219.14 | 220.26 | SS | Part of above Interval | | | | | | Fr | 2 | 0.34 | | |

| DH_ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | s Depth | Writte | n Log | | Correct | ed | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|------|-------------|------------|-----------|-----------|---------|------------------|------------------|--------------|----------------------|--------|----------------------|--|--------------|---------|--------------------|--------|----------------|-----------|-----------------|-----------|----------|----------------|-----------|----------|------------------------|
| _ | | | | Recovered | From | TO | FROM | U | Length | | | ore Loss LITH | Description | Sulphide Min | erals % | Carbonate Minerals | s % | Sample ID | Weatherin | g Spacing | | Dip/BCN | | RQD | Strength | |
| RAV06-008C | 30 | 2.90 | 2.58 | 89 | 219.97 | | | 220.48 | 0.13 | | 220.39 | SST | | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 220.48 | 220.80 | | 220.39 | 220.71 | 0.32 | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Grey white, massive, course grained to very course grained. Coal spars, fossils, wispy SH Stringers, but no | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 220.8 | 222.62 | 1.82 | 220.71 2 | 222.53 | SST | discernable BCN. Last 23cm broken and crushed. | - | | Cal | Tr | | W6 | Massive | Fr | 90 | 0.41 | 72 | R7 | Fair |
| RAV06-008C | | | | | | | | | | | | | | | | | | | | | Fr | 10 | 0.41 | | | |
| RAV06-008C | | | | | | 222.87 | 222.62 | 223.25 | 0.63 | 222.53 2 | 223.16 | SST | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Dark grouts block fine grained to very fine grained sool | | | | | | | | | | | | | |
| RAV06-008C | 31 | 2.44 | 2.32 | 95 | 222.87 | | 223.25 | 223.78 | 0.53 | 223.16 2 | 23 69 | Carb S | Dark grey to black, fine grained to very fine grained, coal LT spars and coal beds, and shale stingers @ 5 BCN. | Pv | Tr | Cal | Tr | | W6 | Massive | Fr | 20 | 3.77 | 69 | R6 | Excellent |
| RAV06-008C | O1 | 2.11 | 2.02 | 00 | LLL.01 | | 223.78 | 223.90 | 0.00 | | | 0.12 | Rock Loss | . , | | Odi | ••• | | **** | Maddivo | • • • | 20 | 0.11 | 00 | 110 | EXOCIONE |
| RAV06-008C | | | | | | | 223.90 | 224.00 | 0.10 | | 223.91 | Carb. S | LT Roof Sample, part of above interval. | | | | | 10394 | | | | | | | | |
| | | | | | | | | | | | | | Black, broken, shearing, foilations (planar, parallel | | | | | | | | | | | | | |
| | | | | | | | | | | | | | disconuities in coal), but for the most part it resembles a | | | | | | | | | | | | | |
| | | | | | | | | | | | | | melange. A melange in the sence that it is blocks of resistent, compent, dull coal protruding from a matrix of | | | | | | | | | | | | | |
| | | | | | | | | | | | | | nonreistent friable shiny coal. As well, the above mention | | | | | | | | | | | | | |
| | | | | | | | | | | | | | foilations when broken apart all have slickenslides. What | | | | | | | | | | | | | |
| | | | | | | | | | | | | | a mess. Very soft for the shiny, and very hard for the | | | | | | | | | | | | | |
| | | | | | | | | | | | | | dull. Semi bright luster. No visible cleating. It bubbled | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 224.00 | 224.77 | 0.77 | 223.91 2 | 224 68 | Coa | and hissed vigorouly all over the coal. Pyrite smears in places. | Py | Tr | Cal | Tr | 10395 | W6 | 1mm to 5cm | Fr | 2 | <100 | 0.0 | R2 | Fair |
| KAV00-000C | | | | | | | 224.00 | 224.11 | 0.77 | 223.91 2 | 224.00 | Coa | Parting Sample, uneven upper contact, brownish black, | ГУ | 11 | Cai | 11 | 10393 | VVO | 1111111110 5011 | | f | <100 | 0.0 | NZ | raii |
| RAV06-008C | | | | | | | 224.77 | 224.81 | 0.04 | 224.68 | 224.72 | Carb. S | fine grained, very carboneous. | | | | | 10396 | W6 | | | | | 0.0 | R6 | Excellent |
| | | | | | | | | | | | | | Black, solid, but soft and friable, powerdery in | | | | | | | | | | | | | |
| | | | | | | | | | | | | | places,semi-bright luster, numerous calcite veins @ 0 | | | | | | | | _ | | | | | |
| RAV06-008C | | | | | | | 224.81 | 225.35 | 0.54 | 224.72 | 225.26 | Coa | degrees BCN. | - | | Cal | 1 | 10397 | W6 | >1mm | Fr Fr | 1 | 4.16 | 88 | R1 | Good |
| RAV06-008C RAV06-008C | | | | | | | 225.35 | 225.53 | 0.18 | 225.26 | 25 44 | Coa | Part of above Interval | | | | | | | | г | 50 | 1.38 | | | |
| 10,000,0000 | | | | | | | 220.00 | 220.00 | 0.10 | 225.20 | 20.44 | Coa | Tart of above interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Parting Sample, blackish brown, very cardoneous, coal | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 225.31 | 225.53 | 225.69 | 0.16 | 225.44 | 225.60 | Carb. S | LT spars, shale stringers, fossils, hard, bur easily broken | - | | Cal | 1 | 10398 | W6 | Massive | Fr | 3 | 18.75 | 0.0 | R2 | Good |
| DAY/00 0000 | 32 | 2.44 | 2.44 | 400 | 225.24 | | 225.00 | 220 42 | 0.74 | 225.00 | 200.04 | Coo | Black, solid but friable, vitreous sheen, pyrite smears, | Du | | Cal | 4 | 40200 | MC | . 4 | F., | 40 | 40.04 | 4.4 | DO | Eveellent |
| RAV06-008C RAV06-008C | 32 | 2.44 | 2.44 | 100 | 225.31 | | 225.69 226.43 | 226.43 226.55 | 0.74 0.12 | 225.60 2 226.34 2 | | Carb S | hissed and bubbled for 30 minutes. Parting, as above Parting | Py Py | 1 | Cal Cal | 1 | 10399 10400 | W6 W6 | >1mm Massive | Fr Fr | 10 10 | 18.91 58.33 | 14 0.0 | | Excellent Excellent |
| 101100 0000 | | | | | | | 220.10 | 220.00 | 0.12 | 220.01 | 20.10 | Carb. C | Black, solid, but soft and friable, bright luster, numerous | . , | | Cai | | 10100 | **** | Maddivo | • • • | 10 | 00.00 | 0.0 | 110 | EXOCIION |
| | | | | | | | | | | | | | micro fractures infilled with calcite, and pyrite. Hissed | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 226.55 | 226.82 | 0.27 | 226.46 | 226.73 | Coa | and bubbled. | Py | 1 | Cal | 1 | 10201 | W6 | >1mm | Fr | 10 | 22.22 | 0.0 | R2 | Excellent |
| DAY/00 0000 | | | | | | | 220 02 | 227.00 | 0.04 | 220.72 | 200.07 | Coulo C | Greyish brown, fine to very fine grained, massive, coal | Du | т. | Cal | 4 | 40000 | MC | Manaire | F | 2 | -05 | 0.0 | DC | Cusallant |
| RAV06-008C RAV06-008C | | | | | | | 226.82 227.06 | 227.06 227.17 | 0.24 0.11 | 226.73 2 226.97 2 | 226.97 | Carb. S | spars, numerous shale beds. 60% coal & 40% SH, semi-solid | Py Py | Tr 1 | Cal Cal | 1 1 | 10202 10203 | W6 W6 | Massive >1mm | Fr Fr | ? | <25 <25 | 0.0 | | Excellent Excellent |
| 10,000,0000 | | | | | | | 227.00 | 221.11 | 0.11 | 220.51 | 27.00 | Oric | Floor Sample, whitish grey, Shale stringers, coal spars, | 1 9 | | Odi | | 10200 | WO | >1111111 | • • • | • | \2 0 | 0.0 | 112 | LXCCIICITE |
| RAV06-008C | | | | | | | 227.17 | 227.27 | 0.10 | 227.08 | 227.18 | <mark>Carb. S</mark> | | Ру | Tr | Cal | Tr | 10204 | W6 | Massive | Fr | ? | <25 | 0.0 | R7 | Good |
| | | | | | | | | | | | | | | | | | | | | | _ | | | | | |
| RAV06-008C | | | | | | 227.75 | 227.27 | 228.13 | 0.86 | 227.18 2 | 228.04 | SST | Greyish white, very course to course grained, massive. Greyish white, very course to course grained, massive. | | | | | | W6 | Massive | Fr | 90 | 1.09 | 47 | R7 | Good |
| RAV06-008C | 33 | 1.83 | 1.83 | 100 | 227 75 | 229.58 | 228 13 | 229 96 | 1.83 | 228.04 2 | 29 87 | SST | | _ | | Cal | Tr | | W6 | Massive | 1mm to 1r | | | 100 | R7 | Excellent |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | As above SST, but several Shale stringers have a BCN | | | | | | | | | | | | | |
| D.4.1/00.0000 | 0.4 | 0.00 | 0.00 | 400 | 000 50 | | 000.00 | 004.40 | 4.40 | 000.07 | | 0.07 | of 5 degreees. There has been a decease in the amount | | | 0.1 | _ | | 1440 | | | | | 0.4 | D- | |
| RAV06-008C RAV06-008C | 34 | 2.90 | 2.90 | 100 | 229.58 | | | 231.12 232.63 | 1.16 1.51 | 229.87 2 231.03 2 | | SST SST | of calcite. Last 20cm are broken and crushed. Part of above Interval | - | | Cal | Tr | | W6 | Massive | 1mm to 1n | n | | 91 | R7 | Excellent |
| NAV00-000C | | | | | | | 231.12 | 202.00 | 1.51 | 231.03 2 | 32.54 | 331 | Greyish white, very course to course grained, massive. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Fractures filled with calcite, up to 1cm thick. Both | | | | | | | | | | | | | |
| | | | | | | | | | | | | | fractures and calcite veins @ 90 degrees BCN. Bottom | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 232.48 | 232.63 | 232.86 | 0.23 | 232.54 | 232.77 | SST | 30cm are broken and crushed. | - | | Cal | 2 | | W6 | Massive | Fr | 75 | 0.69 | 70 | R7 | Excellent |
| RAV06-008C RAV06-008C | | | | | | | | | | | | | | | | | | | | | Fr Fr | 90 20 | 0.34 0.34 | | | |
| RAV06-008C | 35 | 2.59 | 2.59 | 100 | 232.48 | | 232.86 | 234.30 | 1.44 | 232.77 2 | 234.21 | SST | Part of above Interval | | | | | | | | - ' ' | 20 | 0.54 | | | |
| RAV06-008C | | | | | | 235.07 | 234.30 | 235.45 | 1.15 | 234.21 | | SST | Part of above Interval | | | | | | | | | | | | | |
| RAV06-008C | 36 | 2.90 | 2.76 | 95 | 235.07 | | | 235.52 | 0.07 | 235.36 | | SST | | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 235.52 | 235.66 | | 235.43 | 235.57 | 0.14 | Rock Loss | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Greyish white, very course to course grained, massive. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Irregular calcite veining all over the core. Two brecciated & fractured zones that have been weathered black. Top | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 25cm are very soft and friable (R2, but the rest of the run | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 235.66 | 237.01 | 1.35 | 235.57 | 236.92 | SST | is R6). | - | | Cal | 3 | | W6 | Massive | Fr | 90 | 0.39 | 75 | R6 | Excellent |
| RAV06-008C | | | | | | | | | | | | | | | | | | | | | Fr | 50 | 1.17 | | | |
| RAV06-008C RAV06-008C | | | | | | | 227.04 | 220 22 | 1 22 | 226.02 | 20 14 | CCT | Part of above Interval | | | | | | | | Fr | 75 | 0.77 | | | |
| RAV06-008C | | | | | | 237 97 | 237.01 238.23 | 238.23 238.35 | 1.22 | 236.92 2 238.14 2 | | 0.12 | Part of above Interval Rock Loss | | | | | | | | | | | | | |
| RAV06-008C | 37 | 2.71 | 2.71 | 100 | 237.97 | _37.07 | 238.35 | 239.84 | 1.49 | 238.26 | | SST | | | | Cal | 1 | | W6 | Massive | Fr | 50 | 0.67 | 100 | R7 | Excellent |
| RAV06-008C | | | | | | 240.68 | 239.84 | 241.06 | 1.22 | 239.75 2 | | SST/S | | | | Cal | 1 | | W6 | | Fr | 20 | 3.28 | 70 | R7 | Excellent |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

| DH_ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | s Depth | Written Lo | g | | Corrected | | | | | | | | | | Bed F | Fracture | | Info | | | Core |
|--------------------------|------|------------------|------------|-----------|-----------|---------|------------------------|--------|-------|--------------------------------|-----------|------------------|---|---------------|--------|--------------------|------|--------------|-----------|---|---|----------|--------------|-----|----------|------------|
| | | | I | Recovered | From | TO | FROM | CO Le | ength | FROM TO | Core Loss | LITH | Description | Sulphide Mine | rals % | Carbonate Minerals | % | Sample ID | Weatherin | g Spacing | | Dip/BCN | Freq/M | RQD | Strength | Quality |
| RAV06-008C | | | | | | | | | | | | | Light grey, very course to course grained, massive, | | | | | | | | Fr | 1 | 0.81 | | | |
| RAV06-008C | 38 | 2.90 | 2.90 | 100 | 240.68 | | 241.06 24 | 2.67 1 | .61 | 240.97 242.58 | | SST | hard, but fractured, large calcite veins. | - | | Cal | 2 | | W6 | Massive | Fr | 70 | 1.86 | 52 | R7 | Excellent |
| RAV06-008C | | | | | | | | | | | | | , , | | | | | | | | Fr | 1 | 0.62 | | | |
| | | | | | | | | | | | | | leterile dided 700/ COT 0/ COO/ OLT COT: 's libe above | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Interbedded, 70% SST % 30% SLT. SST: is like above SST. SLT: dark grey, massive, very fine grained, BCN of | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 242.67 24 | 2.95 |).28 | 242.58 242.86 | S | ST/SLT | bedding varies in between 15 to 20 degrees. | - | | Cal | 1 | | W6 | cm to 40 cn | Fr | 5 | 5.45 | 60 | R7 | Excellent |
| RAV06-008C | | | | | | | 242.95 24 | 3.77 |).82 | 242.86 243.68 | S | ST/SLT | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Interbedded and well banded. SLT: 1cm to 4cm thick | | | | | | | | | | | | | |
| | | | | | | | | | | | | | beds, dark grey, very fine grained. SST: 1cm to 25cm thick beds, light grey, course to very course grained. | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 243.58 | 243.77 24 | 3.96 |).19 | 243.68 243.87 | S | ST/SLT | BCN of bedding is 6 degrees | - | | Cal | 1 | | W6 | 1cm to 25cm | Fr | 20 | 2.92 | 56 | R7 | Excellent |
| RAV06-008C | | | | | | | | | | | | | | | | | | | | | Fr | 1 | 1.62 | | | |
| RAV06-008C | 20 | 2.05 | 2.05 | 100 | 243.58 | | 040.00 04 | F 04 4 | 0.5 | 242.07 245.72 | _ | OT/OLT | Dout of also us listencel | | | | | | | | Fr | 75 | 0.97 | | | |
| RAV06-008C RAV06-008C | 39 | 3.05 | 3.05 | 100 | 243.58 | 246.63 | | | | 243.87 245.72 245.72 246.92 | | ST/SLT | Part of above Interval Part of above Interval | | | | | | | | | | | | | |
| 18.1700 0000 | | | | | | 2.0.00 | 2.0.0. | | 0 | 210.12 210.02 | | | Interbedded, well banded, 50% SLT & 50% SST with the | | | | | | | | | | | | | |
| | | | | | | | | | | | | | BCN of bedding @ 5 degrees. SLT: dark grey, fine | | | | | | | | | | | | | |
| | | | | | | | | | | | | | grained, numerous fossils, coal spars, plant material. | | | | | | | | | | | | | |
| RAV06-008C | 40 | 2.90 | 2.90 | 100 | 246.63 | | 247.01 24 | 8.71 1 | .70 | 246.92 248.62 | S | ST/SLT | SST: light grey, course to very course grained, massive. Calcite is only in fractures. | <u>-</u> | | Cal | 1 | | W6 | mm to 20 cr | Fr | 26 | 3.48 | 98 | R7 | Excellent |
| RAV06-008C | | | | | | 249.53 | 248.71 24 | | | 248.62 249.82 | | ST/SLT | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Blackish brown, very fine grained, BCN of beds is 10 degrees, numerous fossils. Micro fractured Coal beds, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | (4cm thick) with calcite veining all over the coal beds. In | | | | | | | | | | | | | |
| RAV06-008C | 41 | 2.90 | 2.90 | 100 | 249.53 | | 249.91 25 | 1.29 1 | .38 | 249.82 251.20 | Ca | arb. SLT | the SLT, the calcite is only found infilling fractures. | - | | Cal | 2 | | W6 | 1cm to 5cm | Fr | 2 | 1.44 | 73 | R7 | Excellent |
| RAV06-008C | | | | | | | | | | | _ | | 5 (0) () | | | | | | | | Fr | 20 | 4.32 | | | |
| RAV06-008C | | | | | | | 251.29 25 | 1.39 0 |).10 | 251.20 251.30 | Ca | arb. SLT | Roof Sample, part of above Interval Dull black coal, solid, numerous tiny SLT lens in the coal. | | | | | 1205 | | | | | | | | |
| | | | | | | | | | | | | | Vitreous sheen, dissemiated pyrite all over the coal, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | bubbled and hissed vigorously. Calcite veins @ 20 | | | | | | | | | | | | | |
| DAY (00 0000 | | | | | | | 054.00 | | | 054.00 054.55 | | | degrees BCN. Several zones where the coal is powdery | 5 | | 0.1 | | 4000 | 14/0 | | _ | 00 | 44.00 | 40 | Б. | - " . |
| RAV06-008C RAV06-008C | | | | | | | | | | 251.30 251.55 251.55 252.30 | | Coal | and crushed. Part of above Interval | Ру | 1 | Cal | 2 | 1206 1206 | W6 | >1mm | Fr | 20 | 11.00 | 46 | R2 | Excellent |
| RAV06-008C | | | | | | 252.43 | | | | 252.30 252.72 | | Coal | As above coal, but last 8cm are broken and crushed. | Ру | 1 | Cal | 2 | 1207 | W6 | >1mm | Fr | 20 | 19.04 | 71 | R2 | Excellent |
| | | | | | | | | | | | | | Black, solid, calcite in fractures very hard, bubbled and | | | | | | | | | | | | | |
| RAV06-008C | 42 | 2.90 | 2.90 | 100 | 252.43 | | | | | 252.72 253.13 | | Coal | hissed for 30 minutes. | - | | Cal | 1 | 1208 | W6 | >1mm | Fr | 20 | 3.55 | 52 | R2 | Excellent |
| RAV06-008C | | | | | | | 253.22 25 | 4.22 1 | .00 | 253.13 254.13 | | Coal | Part of above Interval Floor Sample, blackish brown, 30% coal beds and coal | | | | | 1209 | | | | | | | | |
| RAV06-008C | | | | | | | 254.22 25 | 4.32 | 0.10 | 254.13 254.23 | Ca | arb. SLT | | Ру | Tr | Cal | 1 | 1210 | W6 | >1mm | | | | 100 | R6 | Excellent |
| | | | | | | | | | | | | | Blackish brown, numerous coal beds and spars. Shale | | | | | | | | | | | | | |
| RAV06-008C RAV06-008C | | | | | | | 254.32 25 | 4.54 0 |).22 | 254.23 254.45 | Ca | arb. SLT | Stringers have BCN of 10 degrees. | - | | Cal | 1 | | W6 | mm to 10cr | Fr Fr | 20 75 | 6.25 3.12 | 80 | R6 | Good |
| RAV06-008C | | | | | | | | | | | | | | | | | | | | | Fr | 1 | 12.50 | | | |
| RAV06-008C | | | | | | | 254.54 25 | 4.64 0 | 0.10 | 254.45 254.55 | Ca | arb. SLT | Roof Sample, part of above Interval. | | | | | 1211 | | | | | | | | |
| RAV06-008C | | | | | | | | | | 254.55 254.62 | | Coal | Dark, black, solid, dull, and hard. | Ру | 1 | Cal | 1 | 1212 | W6 | >1mm | Fr | 2 | 20.00 | 0.0 | R2 | Good |
| RAV06-008C RAV06-008C | | | | | | | 254.71 25 254.74 25 | | | 254.62 254.65 254.65 254.75 | C | Coal arb. SLT | Part of above Interval Floor Sample, same as above Roof Sample. | Pv | Tr | Cal | 1 | 1212 1213 | W6 | mm to 10cm | | | | 100 | R2 | Good |
| RAV06-008C | | | | | | 255.33 | 254.74 25 | | | 254.75 255.62 | | arb. SLT | · · · · · · · · · · · · · · · · · · · | гу Ру | Tr | Cal | 1 | 1213 | W6 | mm to 10cm | Fr | 20 | 3.75 | 50 | R6 | Good |
| RAV06-008C | | | | | | | | | | | | | | , | | | | | | | Fr | 1 | 8.75 | | | |
| DAV/00 0000 | 43 | 2.74 | 2.74 | 100 | 255.33 | | 255.71 25 | 0.04 4 | 40 | 255.62 256.75 | 0. | arb. SLT | Blackish brown, very fine grained, numerous coal spars, massive. | | | Cal | Tr | | W6 | 1mm to 50c | Fr | 0 | 1.54 | 68 | DC | Excellent |
| RAV06-008C RAV06-008C | 43 | 2.74 | 2.74 | 100 | 200.00 | | 255.71 25 | 0.04 | .13 | 255.62 256.75 | Ca | aib. SLI | massive. | - | | Gai | - 11 | | VVO | 111111111111111111111111111111111111111 | Fr | 20 | 2.31 | 00 | ΚO | Excellent |
| RAV06-008C | | | | | | | | | | | | | | | | | | | | | Fr | 75 | 2.31 | | | |
| RAV06-008C | | | | | | | 256.84 25 | 6.94 0 |).10 | 256.75 256.85 | Ca | arb. SLT | | | | | | 1214 | | | | | | | | |
| RAV06-008C | | | | | | | 256.94 25 | 7.41 0 |).47 | 256.85 257.32 | | CSH | 65% Sh & 35% Numerous very thin coal beds (1m to 3cm thick) interbedded with shale. | | | Cal | 1 | 1215 | W6 | Imm to 3 cn | Fr | 2 | 12.76 | 51 | R4 | Excellent |
| NAV00-000C | | | | | | | 230.34 23 | 7.41 0 | 7.47 | 230.03 237.32 | | COIT | Brownish grey, very fine grained, massive, with a few | _ | | Gai | ' | 1215 | VVO | min to 5 cm | • | 2 | 12.70 | 31 | 11.4 | LXCellerit |
| RAV06-008C | | | | | | | | | | 257.32 257.42 | | SLT | coal spars, and fossils. | - | | | | 1216 | W6 | >1mm | Fr | 30 | 0.94 | 75 | R7 | Excellent |
| RAV06-008C | | | | | | 050.07 | | | | 257.42 257.69 | | SLT | Part of above Interval | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 258.07 | 257.78 25 | o.45 (|).67 | 257.69 258.36 | | SLT | Part of above Interval 85% SLT & 15% SST. One large SST bed (20cm thick) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | near the base of the run. SLT: dark grey, very fine | | | | | | | | | | | | | |
| | | | | | | | | | | | | | grained coal spars, fossils. SST: light to medium grey, | | | | | | | | | | | | | |
| RAV06-008C | 44 | 1.98 | 1.98 | 100 | 258.07 | | 258.45 26 | 0.19 1 | .74 | 258.36 260.10 | S | SLT/SST | course to very course grained, massive. | • | | Cal | 1 | | W6 | mm to 20cr | Fr Fr | 2 20 | 1.16 | 100 | R7 | Excellent |
| RAV06-008C | | | | | | | | | | | | | Dark grey, very fine grained with wispy shale stringers, | | | | | | | | EL | 20 | 0.56 | | | |
| | | | | | | | | | | | | | 4cm thick coal bed, The coal bed is broken and crushed, | | | | | | | | | | | | | |
| DAN(00 000 - | | | | | | 000 | 000.45 | o 40 - | | 000.40 | | 01 = | but cleating is visible on the chunks. Uneven lower | | | | | | 1440 | | _ | _ | | 0- | | |
| RAV06-008C RAV06-008C | 45 | 2.44 | 2.59 | 106 | 260.05 | 260.05 | 260.19 26 260.43 26 | | | 260.10 260.34 260.34 260.63 | | SLT SLT | contact Part of above Interval | - | | | | | W6 | 4cm to 25cm | ⊢r | 5 | 5.66 | 87 | R6 | Excellent |
| 11/1/00-0000 | 70 | ۷.٦ ٩ | 2.00 | 100 | 200.00 | | 200.70 20 | 0.72 | | 200.04 200.03 | | OLI | i ait of above litterval | | | | | | | | | | | | | |

| DH ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | Depth | Writte | n Log | | Correcte | ed | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|------------|-------------|------------|-----------|-----------|--------|------------------|------------------|--------------|----------------------|--------------|-----------------|---------|---|-----------------|-------|--------------------|----|-----------|------------|-----------|----------|----------|--------------|-----|----------|-----------|
| | | | | Recovered | From | TO | FROM | TO | Length | FROM | | re Loss LITI | TH | Description | Sulphide Minera | ıls % | Carbonate Minerals | % | Sample ID | Weathering | | | Dip/BCN | | RQD | Strength | Quality |
| | | | | | | | | | | | | | | Whitish grey, course to very course grained, massive, | ' | | | | | | | 71 | | | | | |
| RAV06-008C | | | | | | | 260.72 | 261.02 | 0.30 | 260.63 2 | 60.93 | SS | ST | calcite veins at 90 degrees BCN. Dark grey to black, moderately carboneous in palces. Going from very fine grained at the top to medium rained at the bottom. Wispy shale stringers and fossils | - | | Cal | 1 | | W6 | Massive | | | | 100 | R7 | Excellent |
| RAV06-008C RAV06-008C | | | | | | 262.49 | 261.02 | 263.02 | 2.00 | 260.93 2 | 62.93 | SL | | nrough out. A 4cm thick chunk os SLT at the bottom of the run stopped the drill. | - | | Cal | 1 | | W6 | 1cm to 1m | Fr Fr | 20 75 | 2.46 0.49 | 79 | R6 | Good |
| RAV06-008C | 46 | 2.90 | 2.90 | 100 | 262.49 | | 263.02 | 263.51 | 0.49 | 262.93 2 | 63 <i>42</i> | SS | | Light grey/white, course to very course grained, nassive, shale beds @ 20 degrees BCN. Several pyrite smears in places. | _ | | Cal | 2 | | W6 | Massive | Fr | 20 | 4.35 | 85 | R7 | Excellent |
| 10,000,0000 | 40 | 2.50 | 2.50 | 100 | 202.40 | | 200.02 | 200.01 | 0.43 | 202.00 2 | 00.42 | 00 | | Brownish grey to black very fine grained, moderately | | | Oui | _ | | VVO | Massive | | 20 | 4.00 | 00 | 177 | LXCOICTI |
| | | | | | | | | | | | | | ca | arboneous in places, massive, calcite veins @ 20 BCN. | | | | | | | | | | | | | |
| RAV06-008C RAV06-008C | | | | | | 265.39 | 263.51 | 265.92 | 2.41 | 263.42 2 | 65.83 | SL | | Several pyrite smears in places. | Ру | 1 | Cal | 1 | | W6 | Massive | Fr Fr | 0 20 | 0.83 0.83 | | | |
| | | | | | | | | | | | | | | Interbedded, 80% SLT & 20% SST. SLT: grey/black, moderately carboneous in places, coal spar, fossils. | | | | | | | | | | | | | |
| RAV06-008C | 47 | 2.90 | 2.90 | 100 | 265.39 | 268.29 | 265.92 | 268.82 | 2.90 | 265.83 2 | 68.73 | SLT/S | | SST: light grey course to medium grained, | _ | | Cal | Tr | | W6 | 1mm to 1m | Fr | 2 | 1.05 | 98 | R7 | Excellent |
| RAV06-008C | | | | | | | | | | | | | , | com ignigray course to meaning grames, | | | | | | | | SS | 10 | 0.35 | | | |
| | | | | | | | | | | | | | | Dark grey to black, carboneous, very fine grained, | | | | | | | | | | | | | |
| RAV06-008C | 48 | 2.90 | 3.00 | 103 | 268.29 | | 268.82 | 270.23 | 1.41 | 268.73 2 | 70.14 | SL | LT | fossils. | - | | Cal | Tr | | W6 | Massive | Fr | 20 | 1.27 | 98 | R7 | Excellent |
| RAV06-008C RAV06-008C | | | | | | | 270.22 | 270.33 | 0.10 | 270.14 2 | 70.24 | SL | LT | Roof Sample, part of above Interval | | | | | 1217 | | | Fr | 2 | 1.27 | | | |
| KAV06-006C | | | | | | | 210.23 | 270.33 | 0.10 | 270.14 2 | 70.24 | SL | | Black, dull, bubbled and hissed, numerous micro | | | | | 1217 | | | | | | | | |
| RAV06-008C | | | | | | | 270.33 | 270.55 | 0.22 | 270.24 2 | 70.46 | Coa | | actures. A 4 cm parting of clay in the middle. Very hard coal. | _ | | | | 1218 | W6 | >1mm | Fr | 20 | 9.09 | 50 | R2 | Excellent |
| RAV06-008C | | | | | | | 270.55 | 270.65 | 0.10 | | 70.56 | SL ⁻ | | Floor Sample, as above SLT | | | | | 1219 | W6 | Massive | • • • | 20 | 5.05 | 100 | R6 | Excellent |
| RAV06-008C | | | | | | | | 271.35 | 0.70 | 270.56 2 | | SL | | As above SLT | | | | | | W6 | Massive | Fr | 75 | 1.42 | 41 | R6 | Fair |
| RAV06-008C | | | | | | | | | | | | | | | | | | | | | | Fr | 20 | 7.14 | | | |
| RAV06-008C | | | | | | | | | | | | | | | | | | | | | | Fr | 1 | 8.57 | | | |
| RAV06-008C | | | | | | 074.40 | 271.35 | | 0.30 | 271.26 2 | | SS ⁻ | | Dark grey, course grained, massive coal spars | | | | | | W6 | Massive | Fr | 20 | 1.89 | 70 | R7 | Good |
| RAV06-008C RAV06-008C | 49 | 2.90 | 2.90 | 100 | 271.19 | 271.19 | | 271.82 271.88 | 0.17 0.06 | 271.56 2 271.73 2 | | SS. | | Part of above Interval Part of above Interval | | | | | | | | | | | | | |
| RAV06-008C | 40 | 2.50 | 2.50 | 100 | 271.15 | | | 272.41 | 0.53 | 271.79 2 | | SL ⁻ | | Light grey massive, uneven, lower contact. | - | | Cal | 1 | | W6 | Massive | Fr | 20 | 1.89 | 51 | R6 | Excellent |
| | | | | | | | | | | | | | E | Blue/white matrix, with clasts that are pebble to cobble sized. Clasts are angular chunks of volcanic rock (less than 3%), SST, SLT, and quartzite. Soft uneven lower | | | | | | | | | | | | | |
| RAV06-008C | | | | | | | 272.41 | 274.55 | 2.14 | 272.32 2 | 74.46 | Brece | | contact. | - | | Cal | 1 | | W6 | | Fr | 0 | 1.4 | | | |
| | | | | | | | | | | | | | p | A raft of porphyritic rhyolite, 80% matrix & 20% heneocryts. Beige matrix that is very hard. Phenocryts | | | | | | | | | | | | | |
| RAV06-008C | | | | | | 274.09 | 274.55 | 274.72 | 0.17 | 274.46 2 | 74.63 | Rhyo | | are smoky quartz, hornblende, and plagoclaise. | - | | | | | W6 | | | | | 100 | R7 | Excellent |
| 5.1./ | | | | | | | | | | | | _ | | 60%matrix 7 40% clasts. Green Volcanic matrix with | | _ | | | | | | _ | | | | | |
| RAV06-008C | 50 | 2.90 | 2.90 | 100 | 274.09 | 070.00 | 274.72 277.36 | 277.36 | 2.64 | 274.63 2 277.27 2 | | Breco Breco | | angular clasts of quartzite, SST, SLT. Iron staining | Hm | Tr | Cal | 2 | | W6 | | Fr | 0 | 0.34 | 100 | R7 | Excellent |
| RAV06-008C | | | | | | 276.99 | 211.30 | 211.02 | 0.26 | 211.21 2 | 77.55 | Brech | Εν | Part of above Interval verything is green coloured. Angular chunks of volcanic | | | | | | | | | | | | | |
| DAV(02.2225 | 5 . | 0.00 | 0.00 | 400 | 070.00 | 070.00 | 077.00 | 000.55 | 0.00 | 077.50 | 00.40 | \/ I = | | ck in a fine grained volcanic matrix. Most of the chunks | | | 6.1 | , | | 1440 | | _ | | 0.70 | 00 | D-7 | E |
| RAV06-008C RAV06-008C | 51 | 2.90 | 2.90 | 100 | 276.99 | 279.89 | 277.62 | 280.52 | 2.90 | 277.53 2 | oU.43 | Voic. Br | precc 0 | of volcanic rock are surrounded by calcite vein. Clasts: | - | | Cal | 4 | | W6 | | Fr Fr | 1 75 | 0.70 0.35 | 80 | R7 | Excellent |
| RAV06-008C | | | | | | | | | | | | | | | | | | | | | | Fr | 20 | 0.33 | | | |
| RAV06-008C | 52 | 1.98 | 1.98 | 100 | 279.89 | 281.87 | 280.52 | 282.50 | 1.98 | 280.43 2 | 82.41 | Volc. Br | Brecc | As above, except it is broken up and fractured. | | | Cal | 4 | | W6 | | Fr | 90 | 0.48 | 58 | R7 | Excellent |
| RAV06-008C RAV06-008C | | | | | | | | | | | | | | | | | | | | | | Fr Fr | 30 0 | 0.96 1.93 | | | |
| NAV00-000C | | | | | | | | | | | | | | ark to light green, with a mottled appearance (might be | | | | | | | | 1 (| U | 1.33 | | | |
| DAY (00 0000 | 50 | 0.00 | 0.00 | 400 | 004.0= | | 000.55 | 000.45 | 0.05 | 000.44 | 00.07 | , | | flow structure). Calcite veins going at all angles. Mild | | | 0.1 | | | 1440 | | _ | | 4.04 | 0.5 | D- | |
| RAV06-008C | 53 | 2.29 | 2.29 | 100 | 281.87 | | 282.50 | 283.16 | 0.66 | 282.41 2 | 83.07 | Volc | IC. | amount of foilation. | - | | Cal | 2 | | W6 | | Fr Fr | 2 | 1.64 | 85 | R7 | Excellent |
| RAV06-008C RAV06-008C | | | | | | 284 16 | 283.16 | 284 70 | 1.63 | 283.07 2 | 84 70 | Volc | ılc | Part of above Interval | | | | | | | | Ŀſ | 20 | 1.23 | | | |
| RAV06-008C | 54 | 2.90 | 2.90 | 100 | 284.16 | | 284.79 | | | 284.70 2 | | Volc | | As above Volcanic | | | Cal | 4 | | W6 | | Fr | 5 | 2.19 | 90 | R7 | Excellent |
| | | | | | | | | | | | | 7 0.0 | | | | | | | | | | | | | | | |

| DH ID Run # CoreDrilled Core Rec'd Per | rcent | Driller's | Denth | Writte | n L oa | | Corrected | | | | | | | | | Bed | Fracture | | Info | | Core |
|--|-------|-----------|-------|--------|--------|--------|-----------|-------------|---------|--|----------------|----------|-----------------------|-----------|------------|---------|----------|------------|---------|----------|------|
| Reco | | From | TO | FROM | 9 | Length | FROM TO |) Core Loss | LITH | Description | Sulphide Min | arale % | Carbonate Minerals % | Sample ID | Weathering | | | Dip/BCN F | | OD Stren | |
| RAV06-009C | | 0.00 | 91.44 | 0.00 | 91.44 | 91.44 | TROM | 0010 2000 | OB | Setting Casing | Calpinac IVIII | oraio 70 | Carbonato Minoraio 70 | Campio ib | Wednering | Opaonig | 1300 | Dip/BOIT 1 | 109/111 | QD Ollon | gui |
| 10,100,000 | | 0.00 | 51.44 | 0.00 | 51.44 | 31.44 | | | OB | 80% SLT dark grey fine grained SLT & 20% light grey | | | | | | | | | | | |
| RAV06-009C | | | | 91.44 | 109.79 | 18.35 | | | SLT/SST | course grained SST | _ | | | 9001 | | | | | | | |
| RAV06-009C | | | | 109.79 | 112.79 | 3.00 | | | SST | Light grey | | | | 9002 | | | | | | | |
| 10A V 00-003C | | | | 103.73 | 112.73 | 3.00 | | | 301 | 80% SLT dark grey fine grained SLT & 20% light grey | | | | 3002 | | | | | | | |
| RAV06-009C | | | | 112.79 | 115.82 | 3.03 | | | SLT/SST | course grained SST | _ | | | 9003 | | | | | | | |
| 10A V 00-003C | | | | 112.73 | 113.02 | 3.03 | | | JL1/JJ1 | SST: light grey, course to very course grained, SH: black | _ | | | 3003 | | | | | | | |
| RAV06-009C | | | | 115.82 | 128.02 | 12.20 | | | SST/SH | massive | _ | | | 9004 | | | | | | | |
| 10A V 00-003C | | | | 113.02 | 120.02 | 12.20 | | | 001/011 | massive | _ | | | 3004 | | | | | | | |
| RAV06-009C | | | | 128.02 | 137.10 | 9.08 | | | SI T/SH | SLT: dark grey, fine to medium grained, SH: black, massive | | | | 9005 | | | | | | | |
| 10A V 00-003C | | | | 120.02 | 137.10 | 3.00 | | | OL1/OI1 | SST: light grey, course to very course grained, SH: black | | | | 3003 | | | | | | | |
| RAV06-009C | | | | 137.10 | 149.35 | 12.25 | | | SST/SH | massive | _ | | | 9006 | | | | | | | |
| RAV06-009C RAV06-009C | | | | | 152.40 | 3.05 | | | SLT/SH | As above SLT/SH, but with a minor amount of coal | - | | | 9007 | | | | | | | |
| KAV00-009C | | | | 149.55 | 152.40 | 3.05 | | | SLI/SH | · · · · · · · · · · · · · · · · · · · | | | | 9007 | | | | | | | |
| DA1/00.0000 | | | | 450.40 | 407.04 | 45.04 | | | 007/011 | SST: light grey, course to very course grained, SH: black | | | | 2000 | | | | | | | |
| RAV06-009C | | | | 152.40 | 167.64 | 15.24 | | | SST/SH | massive | - | | | 9008 | | | | | | | |
| RAV06-009C | | | | 167.64 | 168.24 | 0.60 | | | SH/Coal | 80% shale and 20% coal | | | | 9009 | | | | | | | |
| | | | | | | | | | | Bright shiny chunks of coal, therefore core pointed was | | | | | | | | | | | |
| RAV06-009C | | | | 168.24 | 168.55 | 0.31 | | | Coal | called. | - | | | 9010 | | | | | | | |

| DH_ID | Run # CoreD | rilled Co | re Rec'd | Percent | Driller' | s Depth | Writte | en Log | | Correcte | ed | | | | | | | | | | Bed | Fracture | | Info | | Co | re |
|------------|-------------|-----------|----------|-----------|----------|---------|--------|--------|--------|----------|---------|----------|--------|-----------------------------------|-------------------|---|--------------------|---|-----------|------------|---------|----------|---------|----------|--------|-----------|-------|
| | | | | Recovered | From | TO | FROM | TO | Length | FROM | TO Core | e Loss L | .ITH | Description | Sulphide Minerals | % | Carbonate Minerals | % | Sample ID | Weathering | Spacing | Туре | Dip/BCN | Freq/M R | QD Str | ength Qua | ality |
| RAV06-010C | | | | | 0.00 | 54.25 | 0.00 | 54.25 | 54.25 | _ | | (| ОВ | Setting Casing | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Light to dark grey course to very | | | | | | | | | | | | | |
| RAV06-010C | | | | | | | 54.25 | 55.25 | 1.00 | | | S | SST | course grained | - | | | | 1001 | | | | | | | | |
| | | | | | | | | | | | | | | SST: dark grey, course grained. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | SLT dark grey blackish, very fine | | | | | | | | | | | | | |
| RAV06-010C | | | | | | | 55.25 | 67.06 | 11.81 | | | SS | T/SLT | O . | - | | | | 1002 | | | | | | | | |
| | | | | | | | | | | | | | | Light to dark grey course to very | | | | | | | | | | | | | |
| RAV06-010C | | | | | | | 67.06 | 76.27 | 9.21 | | | S | SST | course grained | - | | | | 1003 | | | | | | | | |
| | | | | | | | | | | | | | | Light grey, course to very course | | | | | | | | | | | | | |
| RAV06-010C | | | | | | | 76.27 | 79.25 | 2.98 | | | S | SST | grained | - | | | | 1004 | | | | | | | | |
| | | | | | | | | | | | | | | Light grey, course to very course | | | | | | | | | | | | | |
| RAV06-010C | | | | | | | 79.25 | 97.54 | 18.29 | | | S | SST | grained | - | | | | 1005 | | | | | | | | |
| | | | | | | | | | | | | | | Black chunks of coal with bits of | | | | | | | | | | | | | |
| RAV06-010C | | | | | | | 97.54 | 97.84 | 0.30 | | | SH | l/Coal | very fine grained shale | - | | | | 1006 | | | | | | | | |

| DH_ID Run : | n # CoreDrilled Core Rec'd F | Percent | Driller's | Depth | Writte | n Log | | Corre | cted | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|-------------|------------------------------|----------|-----------|--------|--------|--------|--------|-------|------|----------|--------|--------------------------------------|-------------------|---|--------------------|---|-----------|------------|---------|----------|---------|--------|-----|----------|---------|
| | Re | ecovered | From | TO | FROM | TO | Length | FROM | TO | Core Los | s LITH | Description | Sulphide Minerals | % | Carbonate Minerals | % | Sample ID | Weathering | Spacing | Type | Dip/BCN | Freq/M | RQD | Strength | Quality |
| RAV06-011C | | | 0.00 | 103.63 | 0.00 | 103.63 | 103.63 | | | | OB | Setting Casing | | | | | | | | | | | | | |
| RAV06-011C | | | | | 103.63 | 107.80 | | | | | SLT/SI | medium dark grey ,n4: sl sandy | | | | | 1101 | | | | | | | | |
| RAV06-011C | | | | | 107.80 | 109.73 | | | | | SLT/SI | As Above | | | | | 1102 | | | | | | | | |
| RAV06-011C | | | | | 109.73 | 112.78 | | | | | MST | medium dark grey ,n4: silty to sandy | | | | | 1103 | | | | | | | | |
| RAV06-011C | | | | | 112.78 | 115.82 | | | | | MST | medium dark grey ,n4: silty to sandy | | | | | 1104 | | | | | | | | |
| RAV06-011C | | | | | 115.82 | | | | | | | | | | | | 1105 | | | | | | | | |

| DH ID | Pun# | CoreDrilled | Core Rec'd | Percent | Driller's | Denth | Writte | n Loa | | Corre | cted | | | | | | | | | Bed | Fracture | | Info | | Core |
|--|---------|-------------|------------|-----------|-----------|--------|----------------------------------|----------------|--------------|----------------|----------------|-----------|------------|---|---------------------|--------------------|----|--------------|-----------|----------|----------|---------|--------------|--------|--|
| טו_וט | IXUII # | CoreDilled | Core recu | Recovered | From | TO | FROM | - 0 | Length | FROM | TO C | Core Loss | LITH | Description | Sulphide Minerals % | Carbonate Minerals | % | Sample ID We | eathering | Spacing | | Dip/BCN | | RQD S | trength Quality |
| RAV06-012C | | | | | 0.00 | 18.59 | 0.00 | 18.59 | 18.59 | | | | ОВ | Setting Casing | | | | | <u> </u> | - | 71 - | | | | J. J |
| RAV06-012C | 1 | 2.90 | 2.70 | 93.10 | 18.59 | | 18.59 | 18.79 | | 19.15 | 19.35 | 0.20 | | Rock Loss | | | | | | | | | | | |
| | | | | | | | | | | | | | | Dark grey, massive, very fine grained. Strange typye of load structures, that resemble "veins" of SST in the | F | | | | | | | | | | |
| RAV06-012C | | | | | | 21.49 | 18.79 | 21.49 | 2.70 | 19.35 | 22.05 | | SLT | SLT. These load structures are at 90 degrees BCN. | - | Cal | 1 | | W6 | Massive | Fr | 15 | 5.56 | 90.00 | R4 Excellent |
| RAV06-012C | 2 | 2.74 | 2.70 | 98.54 | 21.49 | | 21.49 | 21 53 | | 22.05 | 22.09 | 0.04 | | Rock Loss | | | | | | | SS | 75 | 0.37 | | |
| 10,000 0120 | | 2.14 | 2.70 | 30.04 | 21.43 | | 21.43 | 21.00 | | 22.00 | 22.00 | 0.04 | | As above SLT, but more calcite, and the core is more broken and crushed. No load structures, and the BCN | | | | | | | | | | | |
| RAV06-012C | | | | | | | 21.53 | 21.67 | 0.14 | 22.09 | 22.23 | | SLT | of the calcite veins is 15 degrees. | - | Cal | 2 | | W6 | Massive | Fr | 90 | 0.37 | 61.00 | R4 Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 1 | 3.34 | | |
| RAV06-012C RAV06-012C | | | | | | 24.22 | 21.67 | 24.23 | 2.56 | 22.23 | 24.70 | | SLT | Part of above Interval | | | | | | | Fr | 15 | 2.22 | | |
| KAV00-012C | | | | | 1 | 24.23 | 21.07 | 24.20 | 2.50 | 22.25 | 24.73 | | OLI | Dark grey, massive, BCN of calcite veins @ 10 | | | | | | | | | | | |
| RAV06-012C | 3 | 2.90 | 2.90 | 100.00 | 24.23 | | 24.23 | 24.68 | 0.45 | 24.79 | 25.24 | | SLT | degrees. | - | Cal | 1 | | W6 | Massive | Fr | 0 | 1.85 | 90.00 | R4 Excellent |
| RAV06-012C | | | | | | | 24.68 | 26.93 | 2.25 | 25.24 | 27.49 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | | | | | | 27.13 | 26.93 | 27.13 | 0.20 | 27.49 | 27.69 | | SLT | As above SLT | | Cal | 1 | | W6 | Massive | Fr | 75 | 0.32 | 70.00 | R4 Excellent |
| RAV06-012C | 4 | 2.74 | 2.74 | 100.00 | 27.13 | l | 27.13 | 27.73 | 0.60 | 27.69 | 28.29 | | SLT | Part of above Interval | | | | | | | Fr | 3 | 0.98 | | |
| RAV06-012C | 4 | 2.74 | 2.74 | 100.00 | 27.13 | 29 87 | 27.13 | | 2.14 | 28.29 | 30.43 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | 5 | 1.98 | 1.95 | 98.48 | 29.87 | 20.01 | 29.87 | 29.99 | 0.12 | | 30.55 | | SLT | Part of above Interval | | | | 1 | | | | | | | |
| RAV06-012C | | | | | | | 29.99 | 30.02 | | 30.55 | 30.58 | 0.03 | | Rock Loss | | | | | | | | | | | |
| RAV06-012C | | | | | | 31.85 | 30.02 | 31.85 | 1.83 | 30.58 | 32.41 | | SLT | As above SLT | | Cal | 1 | | W6 | Massive | | | | 100.00 | R4 Excellent |
| DAV/00 0400 | | 0.00 | 0.00 | 400.00 | 04.05 | | 04.05 | 00.00 | 0.00 | 00.44 | 00.00 | | O. T | Dark grey, very fine grained, massive. Three (0.25mm | | 0.1 | | | 14/0 | | _ | | 0.00 | 400.00 | D |
| RAV06-012C RAV06-012C | 6 | 2.90 | 2.90 | 100.00 | 31.85 | 34.75 | 31.85 32.83 | 32.83 34.75 | 0.98 1.92 | 32.41 33.39 | 33.39 35.31 | 1 | SLT SLT | thick) calcite veins @ 0 degrees BCN Part of above Interval | - | Cal | 2 | 1 | W6 | Massive | Fr | 0 | 0.69 | 100.00 | R4 Excellent |
| KAV06-012C | | | | | | 34.75 | 32.03 | 34.75 | 1.92 | 33.39 | 33.31 | | SLI | As above SLT, except for one large fault zone. As measured from the top of the run, this fault zone is | | | | | | | | | | | |
| RAV06-012C | 7 | 2.90 | 2.90 | 100.00 | 34.75 | | 34.75 | 35.66 | 0.91 | 35.31 | 36.22 | | SLT | located between 1.12m to 1.20m. In this zone the core is borken and crushed, with rock flower. Last 6cm are broken and crushed. | <u>.</u> | Cal | 2 | | W6 | Massive | Fr | 1 | 0.99 | 78.00 | R4 Excellent |
| RAV06-012C | , | 2.50 | 2.50 | 100.00 | 04.70 | 1 | 04.70 | | 0.51 | 00.01 | 30.22 | | OLI | broken and crashed. | | Oai | | | *** | Massive | Fr | 56 | 0.33 | | TC4 EXCENCIA |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 15 | 0.66 | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | SS | 75 | 0.33 | | |
| RAV06-012C | | 0.00 | 0.00 | 07.04 | 07.05 | 37.65 | | 37.65 | 1.99 | 36.22 | 38.21 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | 8 | 2.90 | 2.82 | 97.24 | 37.65 | | 37.65 | 37.79 | 0.14 | 38.21 | 38.35 | | SLT | Part of above Interval As above SLT, BCN of calcite veins @ 15 degrees | | | | | | | | | | | |
| RAV06-012C | | | | | | | 37.79 | 38.47 | 0.68 | 38.35 | 39.03 | | SLT | BCN. | _ | Cal | 1 | | W6 | Massive | Fr | 45 | 0.37 | 89.00 | R4 Excellent |
| RAV06-012C | | | | | | | 00 | 00 | 0.00 | 00.00 | 00.00 | | 02. | | | | | | | macono | Fr | 5 | 1.87 | 00.00 | 2,00,001 |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 20 | 0.37 | | |
| RAV06-012C | | | | | | 40.55 | ALC: NO PERSON NAMED IN COLUMN 1 | 40.47 | 2.00 | 39.03 | | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | 9 | 2.90 | 2.90 | 100.00 | 40.55 | | 40.47 | 40.55 | | 41.03 | 41.11 | 0.08 | | Rock Loss As above SLT, BCN of calcite veins @ 5 degrees BCN. Three small broken and crushed zones. Each is about | | | | | | | | | | | |
| | | | | | | | | | | | | | | 4cm thick, with the last zone being right at the bottom | | | | | | | | | | | |
| RAV06-012C | | | | | | | 40.55 | 41.51 | 0.96 | 41.11 | 42.07 | | SLT | of the run. | - | Cal | 1 | | W6 | Massive | Fr | 0 | 2.23 | 86.00 | R4 Excellent |
| RAV06-012C | | | | | | | 41.51 | 43.23 | 1.72 | 42.07 | 43.79 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C RAV06-012C | | | | | | 43.45 | 43.23 | 43.45 | 0.22 | 43.79 | 44.01 | | SLT | As above SLT, BCN of calcite veins @ 5 degrees BCN. | | Cal | 1 | | W6 | Massive | Fr Fr | 90 5 | 0.39 0.78 | 85.00 | R4 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 20 | 0.78 | | |
| RAV06-012C | 10 | 2.90 | 2.90 | 100.00 | 43.45 | | 43.45 | 44.51 | 1.06 | 44.01 45.07 | | | SLT | Part of above Interval Part of above Interval | | 1 | | I | | | | | | | |
| RAV06-012C RAV06-012C RAV06-012C | | | | | | 46.35 | 44.51 46.00 | 46.00 46.35 | 1.49 0.35 | 46.56 | | | SLT | As above SLT | | Cal | 1 | | W6 | Massive | Fr Fr | 90 5 | 1.27 0.95 | 75.00 | R5 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 10 | 0.63 | | |
| RAV06-012C | 11 | 2.44 | 2.44 | 100.00 | 46.35 | 40.55 | 46.35 | 47.81 | 1.46 | 46.91 | | | SLT | Part of above Interval | | 1 | | | | | | | | | |
| RAV06-012C | 10 | 2.00 | 2.75 | 04.00 | 40.70 | 48.79 | | | 0.98 | 48.37 | 49.35 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | 12 | 2.90 | 2.75 | 94.83 | 48.79 | | 48.79 | 48.92 | 0.13 | 49.35 | 49.48 | | SLT | Part of above Interval As above SLT, with calcite veins @ 10 degrees BCN. | | | | | | | | | | | |
| RAV06-012C RAV06-012C | | | | | | | 48.92 | 50.26 | 1.34 | 49.48 | 50.82 | | SLT | Very Soft core. | - | Cal | 1 | | W6 | Massive | Fr Fr | 1 | 2.69 0.38 | 79.00 | R4 Excellent |
| RAV06-012C | | | | | | | | 51.54 | 1.28 | 50.82 | | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | 10 | 0.00 | 0.00 | 00.00 | F4.00 | 51.69 | ALC: NO PERSON NAMED IN COLUMN 1 | | 1.40 | | 52.25 | 0.15 | CI T | Rock Loss | | 0-1 | T | | 14/0 | Magazina | F | 2 | 0.00 | 00.00 | D4 Free lle |
| RAV06-012C RAV06-012C | 13 | 2.90 | 2.89 | 99.66 | 51.69 | | 51.69 | 53.18 54.58 | 1.49 | 52.25 53.74 | | | SLT SLT | As above SLT Part of above Interval | | Cal | Tr | | W6 | Massive | Fr | 2 | 0.69 | 93.00 | R4 Excellent |
| RAV06-012C | | | | | | 54 59 | 54.58 | | 1.40 | 55.14 | | 0.01 | JLI | Rock Loss | | | | | | | | | | | |
| | | | · | | 1 | 0 1.00 | 3 1.00 | | | 55.17 | 55.15 | 5.51 | | As above SLT, with the Calcite veins having a BCN of | | <u> </u> | | | | | | | | | |
| RAV06-012C | 14 | 1.83 | 1.78 | 97.27 | 54.59 | | 54.59 | 56.11 | 1.52 | 55.15 | 56.67 | | SLT | 5 to 10 degrees. | - | Cal | 1 | | W6 | Massive | Fr | 0 | | 86.00 | R6 Fair |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 30 | 1.12 | | |
| RAV06-012C | | | | | 1 | F0.40 | | 56.37 | 0.26 | 56.67 | | 0.05 | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | | | | | | 56.42 | 56.37 | 56.42 | | 56.93 | 56.98 | 0.05 | | Rock Loss | | | | | | | | | | | |

| DH ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | Denth | Writte | en Loa | | Corre | acted | | | | | | | | Bed | Fracture | | Info | | Core |
|--------------------------|---------|-------------|------------|-----------|-----------|-------|----------------|----------------|--------|----------------|-------|-----------|---------|--|---------------------|--------------------|----|-------------------|--------------------|----------|---------|-------------------|---------------------------------------|--------------------|
| טובוט | rtuii # | COICDINICA | Ooic recu | Recovered | From | TO | FROM | 9 | Length | | | Core Loss | LITH | Description | Sulphide Minerals % | Carbonate Minerals | % | Sample ID Weather | | Type | Dip/BCN | Freq/M | RQD S | |
| | | | | | | | | | | | | | | | | | | | <u> </u> | | • | | | |
| | | | | | | | | | | | | | | As above SLT, with the calcite having a BCN of 5 | | | | | | _ | | | | |
| RAV06-012C | 15 | 2.90 | 2.88 | 99.31 | 56.42 | | 56.42 | 59.11 | 2.69 | 56.98 | 59.67 | | SLT | degrees at the top, and 20 degrees BCN at the bottom. | - | Cal | 2 | W6 | Massive | Fr | 0 | | 94.00 | R6 Excellent |
| RAV06-012C RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr Fr | 90 | 0.35 0.35 | | |
| RAV06-012C | | | | | | | 59.11 | 59.27 | 0.16 | 59.67 | 59.83 | | SLT | Part of above Interval | | | | | | Г | 21 | 0.33 | | |
| RAV06-012C | | | | | | | 59.27 | | 0.10 | | 59.85 | 0.02 | OLI | Rock Loss | | | | | | | | | | |
| 10110000120 | | | | | | | 00.21 | 00.20 | | 00.00 | 00.00 | 0.02 | | As above SLT, except for one 7cm thick SST bed. | | | | | | | | | | |
| | | | | | | | | | | | | | | SST: light grey, course to very course grained, BCN os | | | | | | | | | | |
| | | | | | | | | | | | | | | SST bed is 10 degrees, sharp upper and lower | | | | | | | | | | |
| | | | | | | | | | | | | | | contacts with SLT. Calcite veins within the SLT have a | | | | | | | | | | |
| RAV06-012C | | | | | | 59.32 | 59.29 | 59.32 | 0.03 | 59.85 | 59.88 | | SLT | BCN of 10 degrees. | - | Cal | 1 | W6 | 7cm to 1.5n | Fr | 5 | 2.12 | 92.00 | R6 Excellent |
| RAV06-012C | 16 | 2.90 | 2.90 | 100.00 | 59.32 | | 59.32 | 62.12 | 2.80 | 59.88 | 62.68 | | SLT | Part of above Interval | I I | 1 | | | | | | | | |
| | | | | | | | | | | | | | | Light grey/white, course to very course grained, massive, well sorted, well rounded, sharp lower | | | | | | | | | | |
| RAV06-012C | | | | | | 62.22 | 62.12 | 62.22 | 0.10 | 62.68 | 62.78 | | SST | contact. | _ | Cal | 1 | W6 | Massive | Fr | 40 | 1.25 | 92.00 | R6 Excellent |
| RAV06-012C | 17 | 2.90 | 2.90 | 100.00 | 62.22 | 02.22 | 62.22 | 62.92 | 0.70 | 62.78 | 63.48 | | SST | Part of above Interval | | Oai | | WO | Massive | | -10 | 1.20 | 32.00 | TO EXCENSIVE |
| RAV06-012C | | 2.00 | 2.00 | 100.00 | 02.22 | | 62.92 | 64.57 | 1.65 | 63.48 | | | SLT | As above SLT. | | Cal | 1 | W6 | Massive | Fr | 0 | 3.63 | 80.00 | R6 Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 40 | 3.63 | | |
| | | | | | | | | | | | | | | Dark grey, fine grained, massive, calcite veins along | | | | | | | | | | |
| RAV06-012C | | | | | | 65.12 | 64.57 | 65.12 | 0.55 | 65.13 | 65.68 | | SLT | fractures. BCN of calcite veins @ 30 degrees. | - | Cal | 1 | W6 | Massive | Fr | 30 | | 89.00 | R6 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 0 | 1.05 | | |
| RAV06-012C | 18 | 2.29 | 2.29 | 100.00 | 65.12 | | 65.12 | | 0.35 | 65.68 | 66.03 | | SLT | Part of above Interval | , | | | | | | , | | | |
| RAV06-012C | | | | | | 67.41 | 65.47 | 67.41 | 1.94 | 66.03 | 67.97 | | SLT | Part of above Interval | | | | | | | | | | |
| | | | | | | | | | | | | | | Same as above SLT, except for calcite veins @ 5 | | | | | | | | | | |
| | | | | | | | | | | | | | | degrees. 40 cm from bottom, there is a small fault zone. It is filled with broken and crushed core. Rock | | | | | | | | | | |
| RAV06-012C | 19 | 2.90 | 2.90 | 100.00 | 67.41 | | 67.41 | 67.90 | 0.49 | 67.97 | 68.46 | | SLT | flower present. | | Cal | 1 | W6 | Massive | Fault | 5 | 1.38 | 93.00 | R6 Excellent |
| RAV06-012C | 19 | 2.30 | 2.90 | 100.00 | 07.41 | 70.31 | 67.90 | | 2.41 | 68.46 | | | SLT | Part of above Interval | | Cai | | VVO | Massive | i auit | | 1.50 | 93.00 | TO Excellent |
| 1010000120 | | | | | | 70.01 | 07.00 | 70.01 | | 00.10 | 70.01 | | OLI | As above SLT. Calcite veins @ 10 degrees BCN. Two | | | | | | Į. | | | | |
| RAV06-012C | 20 | 2.90 | 2.90 | 100.00 | 70.31 | | 70.31 | 70.88 | 0.57 | 70.87 | 71.44 | | SLT | fractures with Slickenslides, and rock flower. | <u>-</u> | Cal | 1 | W6 | Massive | SS | 40 | 1.38 | 90.00 | R6 Excellent |
| RAV06-012C | | | | | | | 70.88 | 71.76 | 0.88 | 71.44 | 72.32 | | SLT | Part of above Interval | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SLT, dark grey, fine grained to very fine | | | | | | | | | | |
| | | | | | | | | | | | | | | grained, massive. Soft, but solid core. One wispy | | | | | | | | | | |
| RAV06-012C | | | | | | 73.21 | 71.76 | 73.21 | 1.45 | 72.32 | 73.77 | | SLT | calcite vein. | - | | | | | | | | | |
| RAV06-012C | 21 | 1.23 | 1.23 | 100.00 | 73.21 | | 73.21 | 74.14 | 0.93 | 73.77 | 74.70 | | SLT | Part of above Interval | | Cal | Tr | W6 | Massive | | ı | 1 | 100.00 | R6 Excellent |
| | | | | | | | | | | | | | | As above SLT, except for more calcite veining. The | | | | | | | | | | |
| | | | | | | | | | | | | | | calcite veins have a BCN of 50 degrees at the top, and 5 degrees at the bottom. In the middle of the run there | | | | | | | | | | |
| RAV06-012C | | | | | | | 7/1/ | 74.17 | 0.03 | 74.70 | 74 73 | | SLT | is a 6cm fault zone. | _ | Cal | 1 | W6 | Massive | SS | 10 | 0.38 | 97.00 | R6 Excellent |
| RAV06-012C | | | | | | | 74.14 | 74.17 | 0.03 | 74.70 | 14.13 | | OLI | is a dominating zone. | - | Cai | | VVO | Massive | Fr | 0 | 5.62 | 31.00 | TO Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fault | 20 | 0.38 | | |
| RAV06-012C | | | | | | 74.44 | 74.17 | 74.44 | 0.27 | 74.73 | 75.00 | | SLT | Part of above Interval | | | | | | | | | | |
| RAV06-012C | 22 | 2.13 | 2.13 | 100.00 | 74.44 | 76.57 | 74.44 | 76.57 | 2.13 | 75.00 | 77.13 | | SLT | Part of above Interval | | | | | | | | | | |
| RAV06-012C | 23 | 2.90 | 2.90 | 100.00 | 76.57 | | 76.57 | 76.73 | 0.16 | 77.13 | 77.29 | | SLT | Part of above Interval | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SLT. BCN of calcite veins is 20 degrees. | | | | | | | | | | |
| RAV06-012C | | | | | | | 76.73 | 77.23 | 0.50 | 77.29 | 77.79 | | SLT | One 7 cm thick rubbly zone. Uneven lower contact. | - | Cal | 1 | W6 | Massive | Fr | 15 | 8.00 | 66.00 | R6 Good |
| | | | | | | | | | | | | | | Light grey/white, course to very course grained, | | | | | | | | | | |
| DAV/00 0400 | | | | | | | 77.00 | 77.54 | 0.00 | 77.70 | 70.07 | | ООТ | massive. BCN of calcite veins is 5 to 10 degrees. Moderate amount of micro fractures. | | 0-1 | 0 | 1440 | | | 40 | 44.00 | 00.00 | D7 0 |
| RAV06-012C RAV06-012C | | | | | | 70.47 | 77.23 77.51 | 77.51 79.47 | 0.28 | 77.79 78.07 | | | SST | As above SLT. | - | Cal | 2 | W6 W6 | Massive Massive | Fr Fr | 10 | 14.28 : 2.04 1 | | R7 Good R6 Good |
| RAV06-012C | | | | + | | 13.41 | 16.11 | 19.41 | 1.90 | 10.01 | 00.03 | | JLI | AS ADOVE SET. | | | | VVO | ividSSIVE | Fr | 45 | 0.51 | 100.00 | 10 6000 |
| 10100-0120 | | | | 1 | | 1 | l | · | | l | 1 | | | As above SLT. Three calcite veins with a BCN of 20 | | | | | | | 70 | 0.01 | 1 | |
| RAV06-012C | 24 | 2.90 | 2.90 | 100.00 | 79.47 | | 79.47 | 79.54 | 0.07 | 80.03 | 80.10 | | SLT | degrees. | <u>.</u> | Cal | 1 | W6 | Massive | Fr | 10 | 0.33 | 93.00 | R6 Excellent |
| RAV06-012C | | | | | | | | | | | | | | l j | | | | | | Fr | 20 | 0.33 | | |
| RAV06-012C | | | | | | 82.37 | 79.54 | 82.37 | 2.83 | 80.10 | 82.93 | | SLT | Part of above Interval | | | | | | | | | | |
| RAV06-012C | 25 | 2.90 | 2.90 | 100.00 | 82.37 | | | 84.20 | 1.83 | 82.93 | 84.76 | | SLT | As above SLT. | | Cal | Tr | W6 | Massive | | | 1 | 100.00 | R6 Excellent |
| | | | | | | | | | | | | | | 75% SST & 25% SLT. Large elongated angular chunks | | | | | | | | | | |
| | | | | | | | | | | | | | | of the above SLT in a SST matrix. SST; light | | | | | | | | | | |
| | | | | | | | | | | | | | | grey/white, course to very course grained, massive. | | | | | | | | | | |
| D 41/00 0400 | | | | | | 05.07 | 04.00 | 05.07 | 4.07 | 0.4.70 | 05.00 | | 007/011 | SLT: dark grey, fine grained to very fine grained, | | 0.1 | • | 1410 | | _ | 4.5 | 0.00 | 400.00 | 57 |
| RAV06-012C | | | | | | 85.27 | 84.20 | 85.27 | 1.07 | 84.76 | 85.83 | | SST/SH | massive. | - | Cal | 3 | W6 | | Fr | 15 | | 100.00 | K/ |
| RAV06-012C | | | | | | | | | | | | | | As above SST/SH. A SST matrix surounding delicate, | | | | | | Fr | 5 | 0.89 | | |
| RAV06-012C | 26 | 2.90 | 2.90 | 100.00 | 85.27 | | 85.27 | 85.83 | 0.56 | 85.83 | 86 30 | | SST/SH | · · · · · · · · · · · · · · · · · · · | <u>-</u> | Cal | 3 | W6 | | Fr | 15 | 1.80 1 | 100.00 | R7 Excellent |
| 11AV00-0120 | 20 | 2.30 | 2.30 | 100.00 | 05.21 | | 05.21 | 05.05 | 0.50 | 00.00 | 00.38 | | 301/3FI | Dark grey, fine grained to very fine grained, massive, | | Jai | 3 | VVO | | | 10 | 1.09 | 100.00 | LXCellerit |
| | | | | | | | | | | | | | | soft but compent. The BCN of the 1mm thick calcite | | | | | | 1 | | | | |
| | | | | | | | | | | | | | | veining is 10 degrees. One thick (.75cm) calcite vein at | | | | | | 1 | | | | |
| RAV06-012C | | | | | | 88.17 | 85.83 | 88.17 | 2.34 | 86.39 | 88.73 | | SLT | 4 degrees BCN. | - | Cal | 1 | W6 | Massive | Fr | 10 | 2.56 | 90.00 | R6 Excellent |
| RAV06-012C | | | | | | | | | | | | | | Ü | | | | | | Fr | 20 | 0.42 | | |
| , | | | | | | | | | | | | | | As above SLT, with just a few wispy calcite veins and | | | | | | | | | , , , , , , , , , , , , , , , , , , , | |
| RAV06-012C | 27 | 1.68 | 1.68 | 100.00 | 88.17 | 89.85 | 88.17 | 89.85 | 1.68 | 88.73 | 90.41 | | SLT | veinlets | - | Cal | Tr | W6 | Massive | Fr | 15 | | 65.00 | R6 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 30 | 0.39 | | |

| DH_ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | s Depth | Writt | en Log | | Corre | ected | | | | | | | | | Bed | Fracture | | Info | | Core |
|--------------------------|----------|-------------|------------|-----------|-----------|---------|----------------|------------------|--------------|------------------|-----------------|-----------|------------|---|---------------------|--------------------|----|-------------|------------|-----------|----------|----------|---------|--------|----------------|
| 511_15 | rtuir ii | COIODIMOG | COICTIOCU | Recovered | From | TO | FROM | | Length | FROM | | Core Loss | LITH | Description | Sulphide Minerals % | Carbonate Minerals | % | Sample ID W | /eathering | Spacing | | Dip/BCN | | QD Sti | rength Quality |
| | | | | | _ | | | | | | | | | As above SLT, last 40cm broken & rounded from | | | | | <u> </u> | | - / / | <u> </u> | | | |
| RAV06-012C | 28 | 2.90 | 2.90 | 100.00 | 89.85 | | 89.85 | 91.14 | 1.29 | 90.41 | 91.70 | | SLT | drilling | | Cal | 1 | | W6 | Massive | Fr | 15 | 1.32 91 | 1.00 | R6 Fair |
| RAV06-012C | | | | | | 92.75 | 91.14 | 92.75 | 1.61 | 91.70 | 93.31 | | SLT | Part of above Interval | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SLT, except for one SST "load structure". | | | | | | | | | | | |
| | | | | | | | | | | | | | | The structure resembles a calcite vein, but filled with SST. BCN of Calcite veins varies between 0 to 5 | | | | | | | | | | | |
| RAV06-012C | 29 | 2.90 | 2.88 | 99.31 | 92.75 | | 92.75 | 93.98 | 1.23 | 93.31 | 94.54 | | SLT | degrees. Soft, but competent rock. | <u>.</u> | Cal | 1 | | W6 | Massive | SS | 30 | 0.78 97 | 7.00 | R6 Excellent |
| RAV06-012C | 20 | 2.00 | 2.00 | 00.01 | 02.70 | | 02.70 | 00.00 | 1.20 | 00.01 | 01.01 | | | augrous. Con, but competent rook. | | | | | **** | | Fr | 5 | 0.37 | .00 | LXCOIION |
| RAV06-012C | | | | | | | 93.98 | 95.43 | 1.45 | 94.54 | 95.99 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | | | | | | | 95.43 | 95.45 | | 95.99 | 96.01 | 0.02 | | Rock Loss | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Dark grey, fine to very fine grained, massive, soft, but | | | | | | | | | | | |
| | | | | | | | | | | | | | | solid. As measured from the top of the run; there are two fault zones in between 34cm to 40cm, and in | | | | | | | | | | | |
| | | | | | | | | | | | | | | between 1.45m to 1.50m. Both faults are made up of | | | | | | | | | | | |
| | | | | | | | | | | | | | | broken and cushed core mix in with rock flower. Thr | | | | | | | | | | | |
| | | | | | | | | | | | | | | bottom 17cm is broken up from the drilling. Calcite | | | | | | | | | | | |
| RAV06-012C | | | | | | 95.65 | 95.45 | 95.65 | 0.20 | 96.01 | 96.21 | | SLT | veins at both 5 and 45 degrees BCN. | - | Cal | 1 | | W6 | Massive | Fr | 0 | | 6.00 | R6 Fair |
| RAV06-012C | | | | | | | | | | | | | 0. = | | | | | | | | SS | 15 | 2.90 | | |
| RAV06-012C RAV06-012C | 30 | 2.90 | 2.90 | 100.00 | 95.65 | 98.55 | 95.65 | | 1.39 | 96.21 | 97.60 | | SLT SLT | Part of above Interval Part of above Interval | | 1 | | | | 1 1 | | | | ı | |
| RAV06-012C | 31 | 2.90 | 2.90 | 100.00 | 98.55 | 96.55 | 97.04 98.55 | | 1.51 | 97.60 99.11 | 99.11 100.41 | | SLT | As above SLT. Top 4cm are broken and crushed. | | | | | W6 | Massive | Fr | 15 | 5.86 91 | 1.00 | R6 Excellent |
| RAV06-012C | 31 | 2.50 | 2.50 | 100.00 | 30.33 | | 30.33 | 33.03 | 1.50 | 33.11 | 100.41 | | | 7.5 above OE1. Top 4011 are broken and crushed. | | | | | VVO | IVIGSSIVE | Fr | 1 | 0.39 | 1.00 | TO EXCERCITE |
| RAV06-012C | | | | | | | 99.85 | 101.11 | 1.26 | 100.41 | 101.67 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | | | | | | 101.45 | 101.11 | 101.45 | 0.34 | 101.67 | 102.01 | | SLT | As above SLT | | Cal | Tr | | W6 | Massive | Fr | 30 | 0.34 93 | 3.00 | R6 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 15 | 0.69 | | |
| RAV06-012C | 00 | 0.74 | 0.74 | 100.00 | 101.15 | | 101.15 | 400.00 | | 100.01 | 100.45 | | 01.7 | Deat of all and later and | | | | | | | Fr | 10 | 0.69 | | |
| RAV06-012C RAV06-012C | 32 | 2.74 | 2.74 | 100.00 | 101.45 | | 101.45 | | 1.44 1.12 | 102.01 103.45 | | | SLT SLT | Part of above Interval Part of above Interval | | | | | | | | | | | |
| KAV00-012C | | | | | | | 102.09 | 104.01 | 1.12 | 103.43 | 104.57 | | SLI | As above SLT. As measured from the top, in between | | | | | | | | | | | |
| | | | | | | | | | | | | | | 1m and 1.07m, there is a small fault zone. It is filled | | | | | | | | | | | |
| RAV06-012C | | | | | | 104.19 | 104.01 | 104.19 | 0.18 | 104.57 | 104.75 | | SLT | with rubbly rock and rock flower. | - | Cal | Tr | | W6 | Massive | Fr | 0 | 0.99 87 | 7.00 | R6 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 40 | 0.33 | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 20 | 1.32 | | |
| RAV06-012C RAV06-012C | 33 | 2.90 | 2.90 | 100.00 | 104.19 | | 104.10 | 105.67 | 1.48 | 104.75 | 106.22 | | SLT | Part of above Interval | | | | | | | Fr | 30 | 0.33 | | |
| RAV06-012C | 33 | 2.90 | 2.90 | 100.00 | 104.19 | | 104.19 | | | 104.75 | | | SLT | Part of above Interval | | | | | | 1 1 | | | | | |
| RAV06-012C | | | | | | 107.09 | | 107.09 | | 107.60 | | | SLT | As above SLT | | Cal | 1 | | W6 | Massive | Fr | 20 | 0.66 99 | 9.00 | R6 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 10 | 0.33 | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 40 | 0.33 | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 0 | 0.33 | | |
| RAV06-012C RAV06-012C | 34 | 2.90 | 2.90 | 100.00 | 107.09 | 400.00 | 107.09 | | 1.51 | 107.65 109.16 | | | SLT SLT | Part of above Interval | | | | | | | | | | | Î |
| RAV06-012C | 35 | 2.90 | 2.90 | 100.00 | 109.99 | 109.99 | 108.60 | 109.99 | 1.39 0.10 | 110.55 | | | SLT | Part of above Interval Part of above Interval | | | | | | | | | | | |
| 10,000 0120 | 55 | 2.50 | 2.50 | 100.00 | 100.00 | | 100.00 | 110.03 | 0.10 | 110.55 | 110.00 | | OL1 | As above SLT. Last 31cms of the run are rounded and | | | | | | | | | | | |
| | | | | | | | | | | | | | | broken from drilling. BCN of calcite veins is 20 | | | | | | | | | | | |
| RAV06-012C | | | | | | | 110.09 | 111.27 | 1.18 | 110.65 | 111.83 | | SLT | degrees. | - | Cal | 1 | | W6 | Massive | Fr | 0 | | 1.00 | R6 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | SS | 20 | 1.39 | | |
| RAV06-012C | 00 | 0.00 | 0.70 | 00.40 | 440.00 | 112.89 | 1 | 112.89 | 1.62 | 111.83 | | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C RAV06-012C | 36 | 2.90 | 2.70 | 93.10 | 112.89 | | | 112.96 114.46 | | 113.45 | | | SLT SLT | Part of above Interval As above SLT. | | Cal | 1 | | W6 | Massive | Fr | 18 | 1.52 06 | 200 | R6 Excellent |
| RAV06-012C | | | | | | | | 115.59 | | | | | SLT | Part of above Interval | | Cai | - | | VVO | iviassive | | 10 | 1.52 90 | 5.00 | No Excellent |
| RAV06-012C | | | | | | 115.79 | | 115.79 | | 116.15 | | | | Rock Loss | | 1 | | | | | | | | | |
| , | | | | _ | · | | | | | | , | | _ | Three chunks of SLT from core bit. Forced to trip. SLT: | · ' | | | , | | | | | | , | |
| RAV06-012C | 37 | 2.90 | 0.57 | 19.66 | 115.79 | | | 116.27 | 0.48 | | | | SLT | dark grey, fine to very fine grained, massive. | - | Cal | Tr | , | W6 | Massive | NA | NA | NA 81 | 1.00 | R6 Very Poor |
| RAV06-012C | | | | | | | 116.27 | 118.60 | | 116.83 | 119.16 | 2.33 | | Rock Loss | | | | | | | | | | | |
| RAV06-012C | | | | | | 110 60 | 119.60 | 118.69 | 0.09 | 119.16 | 110.25 | | SLT | Dark grey, fine to very fine grained, massive. First 33 cms are broken chunks of SLT. | _ | | | | W6 | Massive | Fr | 30 | 1.00 67 | 7.00 | R7 Fair |
| RAV06-012C | | | | | | 110.09 | 110.00 | 110.09 | 0.09 | 119.10 | 119.23 | | SLI | CITIS are DIONEIT CHURKS OF SET. | - | | | | VVO | iviassive | Fr | 45 | 2.00 | .00 | N/ Fall |
| RAV06-012C | 38 | 0.91 | 0.91 | 100.00 | 118.69 | 119.60 | 118.69 | 119.60 | 0.91 | 119.25 | 120.16 | | SLT | Part of above Interval | | _ | l | | | | | 10 | 2.00 | ļ | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SLT. Calcite veins, at 90 degrees BCN | | | | | | | | | | | |
| | | | | | | | | | | | | | | running the length of the run. Last 20cm is made up of | | | | | | | | | | | |
| RAV06-012C | 39 | 2.90 | 2.87 | 98.97 | 119.60 | | | 122.47 | | 120.16 | | 0.00 | SLT | broken chunks of SLT and rock flower. (fault zone) | - | Cal | 1 | | W6 | Massive | Fr | 7 | 1.74 93 | 3.00 | R6 Good |
| RAV06-012C | | | | | 1 | 122.50 | 122.47 | 122.50 | | 123.03 | 123.06 | 0.03 | <u> </u> | Rock Loss As above SLT, except numerous micro fractures all | | | | | | | | | | | |
| | | | | | | | | | | | | | | over the core. Most of these fractures are fille with | | | | | | | | | | | |
| | | | | | | | | | | | | | | calcite. Very soft, recessive rock. More fractures then | | | | | | | | | | | |
| | | | | | | | | | | | | | | any above run. In spots the rock has a consistency of | | | | | | | | | | | |
| RAV06-012C | 40 | 2.90 | 2.89 | 99.66 | 122.50 | | 122.50 | 125.30 | 2.80 | 123.06 | 125.86 | | SLT | clay. | - | Cal | 2 | | W4 | Massive | Fr | 40 | | 3.00 | R4 Excellent |
| RAV06-012C | | | | | 1 | | | | | | | | | | | 1 | | | | | Fr | 0 | 2.88 | | |
| RAV06-012C RAV06-012C | | | | | 1 | | 105.00 | 105.04 | | 105.00 | 125.07 | 0.04 | | Dock Loop | | | | | | | Fr | 20 | 1.42 | | |
| KAVU0-012C | | | | L | | 1 | 125.30 | 125.31 | 1 | 125.86 | 1∠5.87 | บ.บไ | | Rock Loss | | 1 | 1 | | | | | | | | |

| | DH ID | Rup# | CoreDrilled | Core Rec'd | Percent | Driller | s Denth | \\/ritto | n Log | | Corro | cted | | | | | | | | | Bed | Fracture | | Info | | Core |
|--|-------------|-------|-------------|------------|-----------|---------|---------|----------|--------|--------|--------|--------|-----------|------|--|-------------------|-------|-------------------|-----|----------------------|-----------|----------|----------|---------|-----------|-----------------|
| March 1 1 1 1 1 1 1 1 1 | טר_וט | Kull# | CoreDilled | Core Recu | Recovered | | | | - 5 | Length | | | Core Loss | LITH | Description | Sulphide Minerals | s % C | arbonate Minerals | % | Sample ID Weathering | | | | | QD Stre | |
| Secretary 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | As above SLT. Lower contact is graditional and | | 1 | | , . | | , -p | .) [- | | | | |
| Secondary 1 | RAV06-012C | | | | | | 125.40 | 125.31 | 125.40 | 0.09 | 125.87 | 125.96 | | SLT | | - | | Cal | 1 | W4 | Massive | Fr | 0 | 2.70 9 | 1.00 R4 t | to R6 Excellent |
| Part | RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 30 | 2.70 | | |
| Separate Sep | RAV06-012C | 41 | 2.90 | 2.90 | 100.00 | 125.40 | 1 | 125.40 | 126.05 | 0.65 | 125.96 | 126.61 | | SLT | | | | | | | 1 | ı | T | | | |
| ## 1 Sept | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manual Control | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Management Man | RAV06-012C | | | | | | | 126.05 | 128.21 | 2.16 | 126.61 | 128.77 | | SST | powdery, calcite in fractures. | - | | Cal | 1 | W6 | Massive | | | | 4.00 R4 t | to R6 Good |
| Part | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. 2 | RAV06-012C | | | | | | | | | | | | | | Light gray course to vary course grained massive | | | | | | | Fr | 20 | 0.46 | | |
| According 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ARCHAROLOGY BOUND AND AND AND AND AND AND AND AND AND A | RAV06-012C | | | | | | 128.30 | 128.21 | 128.30 | 0.09 | 128.77 | 128.86 | | SST | , | - | | Cal | Tr | W6 | Massive | Fr | 25 | 1.04 9 | 5.00 F | R7 Excellent |
| March 1941 1942 | RAV06-012C | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anticological Control of the control | | 40 | 0.00 | 0.00 | 400.00 | 400.00 | | 400.00 | 404.00 | 0.70 | 100.00 | 101.01 | | 007 | | | | | | | | Fr | 20 | 0.35 | | |
| Authority 1 | RAV06-012C | 42 | 2.90 | 2.90 | 100.00 | 128.30 | 1 | 128.30 | 131.08 | 2.78 | 128.86 | 131.64 | | SST | | l | | | | | | 1 | 1 | | | |
| According 1 19.2 19.2 19.2 19.2 19.2 19.2 19.2 19 | | | | | | | | | | | | | | | · · | | | | | | | | | | | |
| March Marc | RAV06-012C | | | | | | 131.20 | 131.08 | 131.20 | 0.12 | 131.64 | 131.76 | | SST | , , | - | | Cal | Tr | W6 | Massive | Fr | 10 | 1.00 8 | 4.00 F | R7 Good |
| NAMES OF STATE OF STA | RAV06-012C | | | | | | | | | | | | | | | | | | | | | | 25 | | | |
| Service Servic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAME STATE SAM | | 12 | 2.00 | 2.00 | 100.00 | 121 20 | | 121 20 | 124.07 | 2 97 | 121 76 | 124 62 | | ССТ | Part of above Interval | | | | | | | Fr | 40 | 0.33 | | |
| MANON-1712 1 | KAV00-012C | 43 | 2.90 | 2.90 | 100.00 | 131.20 | 1 | 131.20 | 134.07 | 2.01 | 131.70 | 134.03 | | 331 | | | | | | | | 1 | 1 | | | |
| Control Cont | RAV06-012C | | | | | | 134.10 | 134.07 | 134.10 | 0.03 | 134.63 | 134.66 | | SST | , | - | | Cal | Tr | W6 | Massive | Fr | 20 | 1.27 10 | 0.00 F | R7 Excellent |
| SAVIDE-17C2 | RAV06-012C | 44 | 2.90 | 2.90 | 100.00 | 134.10 | | 134.10 | 134.86 | 0.76 | 134.66 | 135.42 | | SST | Part of above Interval | | | | | | | | | | | |
| AMAGE-1702 1,145,86 15,86 17,7 15,86 17,7 15,86 17,7 15,86 17,87 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCIDITION 19.50 18.00 0.25 17.1 19.70 0.25 17.50 0.25 17.1 19.70 0.25 17.50 | DAV/00 0400 | | | | | | | 404.00 | 100 50 | 4.70 | 105 10 | 107.11 | | CI T | | | | Cal | 4 | 14/0 | Manaire | F- | | 0.50 | 000 044 | to DC Everyland |
| SANGLE-STOC 1 1 1 1 1 1 1 1 1 | RAV06-012C | | | | | | | 134.86 | 136.58 | 1.72 | 135.42 | 137.14 | | SLI | | - | | Cai | 1 | VV6 | iviassive | Fr | 2 | 0.58 9 | 9.00 R4 t | to R6 Excellent |
| Part | RAV06-012C | | | | | | | 136.58 | 136.83 | 0.25 | 137.14 | 137.39 | | SST | | - | | Cal | 1 | W6 | Massive | Fr | 2 | 2.43 9 | 0.00 F | R7 Excellent |
| ANAMENIC 1970 | RAV06-012C | | | | | | | | | | | | | | ŭ . | | | | | - | | | | | | |
| ANAMENIC 1970 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ## AUG/601CC 2 0 10.00 137.00 138.00 137.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAVINGENIZO 6 2 9 8 9 100.00 137.00 137.00 137.00 137.00 138.00 139.00 1 | RAV/06-012C | | | | | | 137.00 | 136 99 | 137.00 | 0.01 | 137 55 | 137 56 | | SST | | _ | | Cal | 2 | W6 | Massive | Fr | 0 | 0.36 10 | 00 00 5 | R7 Excellent |
| NAVINGE | | 45 | 2.90 | 2.90 | 100.00 | 137.00 | 137.00 | | 1 | | | | | | | - | | Cai | 2 | VVO | IVIASSIVE | | 1 0 | 0.30 | 10.00 | CALLEGIE |
| ## AVX-0F-102 de 2.0 2.90 10.00 199.9 | RAV06-012C | | | | | | 139.90 | 139.77 | 139.90 | | 140.33 | 140.46 | | SST | Part of above Interval | | | | | | | | | | | |
| AAV08-012C 14.28 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAVIDED 12 C | | 46 | 2.90 | 2.90 | 100.00 | 139.90 | 4.40.00 | | | | | | 1 | | | - | | | | | | | | | | |
| RAV06-012C | | | | | | | 142.80 | 142.67 | 142.80 | 0.13 | 143.23 | 143.36 | | 551 | As above SST | | | Cai | 2 | VV6 | iviassive | | | | 8.00 F | K/ Excellent |
| RAV06-012C 1 | RAV06-012C | 47 | 2.90 | 2.90 | 100.00 | 142.80 | 1 | 142.80 | 145.28 | 2.48 | 143.36 | 145.84 | | SST | Part of above Interval | | | | | | | | 20 | 0.00 | | |
| RAV06-012C 8 1.52 10.00 145.70 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAV06-012C 48 1.52 1.52 10.00 15.70 145.70 145.70 0.7 145.26 466.35 SLT Part of above Interval RAV06-012C 5 147.72 146.06 1.27 147.22 147.29 147.29 147.20 147 | RAV06-012C | | | | | | | | | | | | | | | - | | Cal | 1 | W4 | Massive | Fr | 20 | 6.12 (|).00 F | R4 Good |
| RAV06-012C | | 40 | 4.50 | 4.50 | 400.00 | 4.45.70 | 145.70 | | 1 | | 1 | | | | I and the second | | | | | | | | | | | |
| RAV06-012C | | 48 | 1.52 | 1.52 | 100.00 | 145.70 | | | | | | | | | | | | Cal | 1 | W5 | Massive | Fr | 20 | 3.45 6 | 0.00 | R6 Good |
| RAV06-012C 49 2.90 2.90 100.00 147.22 146.06 147.22 1.16 146.02 147.78 SST Last 20m broken from driling Cal 1 W6 Massive Fr 20 0.81 70.00 R7 Good RAV06-012C 49 2.90 2.90 100.00 147.22 147.29 0.07 147.78 147.85 SST Part of above Interval RAV06-012C 49 2.90 2.90 100.00 150.12 149.69 2.40 147.85 150.25 SST Last 20m broken course for each of a silt or class is broken crushed friable SST. Hm 1.0 Cal 1 W4 toW6 Massive Fr 0 1.05 90.00 R7 Excellent RAV06-012C 50 2.90 2.90 100.00 150.12 150.15 151.18 1.03 150.71 151.74 SST Part of above Interval RAV06-012C - 150.15 151.18 1.03 150.71 151.74 SST Part of above Interval RAV06-012C - 150.15 151.18 1.03 150.71 151.74 SST Part of above Interval RAV06-012C - 150.15 151.18 1.03 150.71 151.74 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part of above Interval RAV06-012C - 150.15 151.18 151.72 0.54 151.74 152.28 SST Part | NAV00-0120 | | | | | | | 143.77 | 140.00 | 0.29 | 140.55 | 140.02 | | OLI | | | | Cai | - ' | VVS | IVIASSIVE | - ' ' | 20 | 3.43 0 | 0.00 | 10 0000 |
| RAV06-012C 49 2.90 100.00 147.22 147.29 0.07 147.85 SST Part of above Interval RAV06-012C | RAV06-012C | | | | | | 147.22 | 146.06 | 147.22 | 1.16 | 146.62 | 147.78 | | SST | Last 20cm broken from drilling. | - | | Cal | 1 | W6 | Massive | Fr | 20 | 0.81 7 | 0.00 F | R7 Good |
| Light grey/white, course to very course grained, massive, moderately sorted, two coal spars, minor amount of iron staining, BCN of calcite is 45 degrees. Soft for SST. One 6or zone of a silt or day material. Last 25cm is broken crushed friable SST. Hm 1.0 Cal 1 W4 toW6 Massive Fr 0 1.05 90.00 R7 Excellent RAV06-012C S 150.12 149.69 150.12 150.12 150.15 150.18 SST Part of above Interval RAV06-012C S 150.12 150.15 150.15 150.15 150.15 SST Part of above Interval RAV06-012C S 150.15 150.15 SST SST Part of above Interval RAV06-012C S 150.15 SST SST Part of above Interval SST Part of BST Part | RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 0 | 0.81 | | |
| RAV06-012C | RAV06-012C | 49 | 2.90 | 2.90 | 100.00 | 147.22 | 1 | 147.22 | 147.29 | 0.07 | 147.78 | 147.85 | 1 | SST | Part of above Interval | l | 1 | | | | 1 | ı | 1 | 1 | | |
| RAV06-012C | | | | | | | | | | | | | | | Light grov/white course to very course grained | | | | | | | | | | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAV06-012C | | | | | | | | | | | | | | | amount of iron staining, BCN of calcite is 45 degrees. | | | | | | | | | | | |
| RAV06-012C RAV06-012C So 2.90 2.90 100.00 150.12 149.69 150.12 0.43 150.25 150.68 SST Part of above Interval RAV06-012C RAV06-012C So 2.90 2.90 100.00 150.12 150.12 150.12 150.15 0.03 150.68 150.71 SST Part of above Interval As above SST. A few SLT rip up clasts, uneven lower contact. As above SST. A few SLT rip up clasts, uneven lower contact. - Cal 1 W6 Massive Fr 20 0.63 100.00 R7 Excellent RAV06-012C Fr 0 0.63 100.00 R7 Excellent Separated by a SST bed. Approximate BCN of bedding is 20 BCN. Uneven lower contact. SLT: dark grey, fine grained, massive. SST: as above SST. RAV06-012C So 2.90 2.90 100.00 150.12 150.12 150.15 0.03 150.68 SST Part of above Interval As above SST. A few SLT rip up clasts, uneven lower contact. - Cal 1 W6 Massive Fr 0 0.63 100.00 R7 Excellent Solution Support S | | | | | | | | | | | | | | | Soft for SST. One 6cm zone of a silt or clay material. | | | | | | | | | | | |
| RAV06-012C 50 2.90 100.00 150.12 149.69 150.12 0.43 150.25 150.88 SST Part of above Interval RAV06-012C 50 2.90 2.90 100.00 150.12 150.12 150.15 151.18 1.03 150.71 SST Part of above Interval RAV06-012C RAV06-012C | RAV06-012C | | | | | | | 147.29 | 149.69 | 2.40 | 147.85 | 150.25 | | SST | Last 25cm is broken crushed friable SST. | Hm | 1.0 | Cal | 1 | W4 toW6 | Massive | | | | 0.00 F | R7 Excellent |
| RAV06-012C | | | | | | | 150.10 | 140.00 | 150.40 | 0.42 | 150.05 | 150.00 | | CCT | Dort of obeyes later as | | | | | | | Fr | 20 | 1.75 | | |
| As above SST. A few SLT rip up clasts, uneven lower contact. As above SST. A few SLT rip up clasts, uneven lower contact. Cal 1 W6 Massive Fr 20 0.63 100.00 R7 Excellent W6 Massive Fr 0 0.63 | | 50 | 2 90 | 2 90 | 100.00 | 150 12 | | | | | 1 | | | | | <u> </u> | | | | | | I | <u> </u> | | | |
| RAV06-012C | | 00 | 2.00 | 2.50 | 100.00 | 100.12 | | 100.12 | 100.10 | 0.00 | 100.00 | 100.11 | | 551 | | | | | | | | | | | | |
| RAV06-012C | RAV06-012C | | | | | | | 150.15 | 151.18 | 1.03 | 150.71 | 151.74 | | SST | | - | | Cal | 1_ | W6 | Massive | | 20 | | 0.00 F | R7 Excellent |
| 50% SST & 50% SLT. Two irregular bands of SLT separated by a SST bed. Approximate BCN of bedding is 20 BCN. Uneven lower contact. SLT: dark grey, fine RAV06-012C | RAV06-012C | | - | | | | | | | | | | | | | | | | | | | Fr | 0 | 0.63 | | |
| RAV06-012C 152.12 152.92 0.80 152.68 153.48 SST As above SST. As above SST. Cal 1 W6 Massive Fr 10 2.50 85.00 R7 Excellent | RAV06-012C | | | | | | | 151.18 | 151.72 | 0.54 | 151.74 | 152.28 | | SST | Part of above Interval | | | | | | | | | | | |
| RAV06-012C 152.12 152.92 0.80 152.68 153.48 SST As above SST. As above SST. Cal 1 W6 Massive Fr 10 2.50 85.00 R7 Excellent | | | | | | | | | | | | | | | 500/ SST & 500/ SLT. Two irregular bonds of SLT | | | | | | | | | | | |
| RAV06-012C 151.72 152.12 0.40 152.28 152.68 SST/SLT grained, massive. SST: as above SST. Cal 1 W6 Massive Fr 10 2.50 85.00 R7 Excellent | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAV06-012C 151.72 152.12 0.40 152.28 152.68 SST/SLT grained, massive. SST: as above SST Cal 1 W6 Massive W6 Massive W6 Massive W7 Massive W7 Massive W8 Massive W8 W8 W8 W8 W8 W8 W8 W | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RAV06-012C | | | | | | | | | | | | | | grained, massive. SST: as above SST. | - | | | 1 | | | | | | | |
| KAVU6-U1ZC | RAV06-012C | | | | | | | 152.12 | 152.92 | 0.80 | 152.68 | 153.48 | | SST | As above SST. | | | Cal | 1 | W6 | Massive | | | | 5.00 F | R7 Excellent |
| | RAV06-012C | | | Ĭ | | | | 1 | | | | | | | | | | | | | | Fr | 0 | 2.40 | | |

| DH ID | Pun# | CoreDrilled | Core Rec'd | Percent | Driller's | e Donth | Writto | en Loa | | Corre | cted | | | | | | | | Bed | Fractu | re | Info | | | Core |
|--------------------------|---------|-------------|------------|-----------|-----------|---------|------------------|---------|--------------|------------------|---------|-----------|------------|---|-------------------|----------------------|-----|--------------------|-----------|--------|---------------|------|---------|----------|------------|
| טוי_וט | IXUII # | CoreDillea | Cole Recu | Recovered | From | ТО | FROM | | Length | | | Core Loss | LITH | Description | Sulphide Minerals | % Carbonate Minerals | % | Sample ID Weatheri | | | | | RQD | Strength | |
| | | | | | | | | | | | | | | Broken crushed chunks of SH. SH black, massive, very | | | ,,, | | - S | . 71 | - 1,7,7 - 0.1 | 1104 | | | |
| RAV06-012C | | | | | | 153.02 | 152.92 | 153.02 | 0.10 | 153.48 | 153.58 | | SH | fine grained, small speaks of coal (3% of unit) | _ | | | W6 | Massive | Fr | ? | <25 | 0.00 | R2 | Poor |
| RAV06-012C | 51 | 2.90 | 2.89 | 99.66 | 153.02 | | 153.02 | | 0.05 | | 153.63 | | SH | Part of above Interval | | ' | l | | | · · | | | | | |
| | | | | | | | | | | | | | | Dark grey black, fine grained, two SST rip up clasts, | | | | | | | | | | | |
| | | | | | | | | | | | | | | uneven lower contact. The calcite veins have a BCN of | | | | | | | | | | | i |
| RAV06-012C | | | | | | | 153.07 | 153.50 | 0.43 | 153.63 | 154.06 | | SLT | varying between 5 to 6 degrees. | - | Cal | 1 | W6 | Massive | | 20 | 2.32 | 100.00 | R6 | Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 0 | 2.32 | | | |
| | | | | | | | | | | | | | | Light grey/white course to very course grained. Calcite | | | | | | | | | | | |
| DAV/00 0400 | | | | | | | 153.50 | 450.07 | 0.07 | 454.00 | 154.43 | | SST | in fractures. Rip up clasts of SLT, sharp lower contact | | Cal | Tr | MC | Massiuu | s | 20 | 0.70 | 100.00 | R7 | Excellent |
| RAV06-012C | | | | | | | 153.50 | 153.87 | 0.37 | 154.06 | 154.43 | | 551 | at 30 degrees BCN. As above SLT, but last 35cm are broken and crushed | - | Cai | 11 | W6 | Massive | 55 | 20 | 2.70 | 100.00 | R/ | Excellent |
| | | | | | | | | | | | | | | from the coring. Calcite veining with a BCN of 15 | | | | | | | | | | | i |
| RAV06-012C | | | | | | | 153.87 | 153.96 | 0.09 | 154.43 | 154 52 | | SLT | degrees. | _ | Cal | Tr | W6 | Massive | Fr | 30 | 0.98 | 78.00 | R6 | Good |
| RAV06-012C | | | | | | | 100.01 | 100.00 | 0.00 | 101.10 | 101.02 | | OL. | augroco. | | - Cai | | **** | Maddiv | Fr | 20 | 0.98 | 10.00 | 110 | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 10 | 0.49 | | | |
| RAV06-012C | | | | | | | 153.96 | 155.91 | 1.95 | 154.52 | 156.47 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | | | | | | 155.92 | 155.91 | 155.92 | | 156.47 | 156.48 | 0.01 | | Rock Loss | | | | | | | | | | | |
| | , | | | ' | | | | | | | | | , | Dark grey, fine grained, well sorted, massive, soft, | , | | | ' ' | | , | | | | | |
| | | | | | | | | | | | | | | numerous micro fractures. Calcite veins have a BCN | | | | | | | | | | | |
| RAV06-012C | 52 | 2.90 | 2.90 | 100.00 | 155.92 | | 155.92 | 156.86 | 0.94 | 156.48 | 157.42 | | SLT | ranging in between 5 to 30 degrees. Soft in places. | - | Cal | 1 | W5 | Massive | | 45 | 0.34 | 92.00 | R4 | Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 10 | 2.75 | | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 0 | 0.68 | | | |
| RAV06-012C | | | | | | 158.82 | 156.86 | 158.82 | 1.96 | 157.42 | 159.38 | | SLT | Part of above Interval | | | | | | | | | | | |
| | | | | | | | | | | | | | | ark grey, fine grained, well sorted, massive, soft, | | | | | | | | | | | |
| | | | | | | | | | | | | | | numerous micro fractures. Calcite veins have a BCN | | | | | | | | | | | |
| DAV/00 0400 | 50 | 4.00 | 4.00 | 400.00 | 450.00 | | 450.00 | 450.04 | 0.00 | 450.00 | 400.07 | | O. T | ranging in between 0 to 45 degrees. Soft towards the | | | | 14/4 / 14 | | _ | _ | 0.74 | 00.00 | D.4 | - " |
| RAV06-012C | 53 | 1.83 | 1.83 | 100.00 | 158.82 | 100.05 | 158.82 159.81 | 159.81 | 0.99 | | 160.37 | | SLT SLT | bottom, with spot where SLT has been to silt. Part of above Interval | - | Cal | 1 | W4 to W | 5 Massive | e Fr | 5 | 3.74 | 93.00 | R4 | Excellent |
| RAV06-012C RAV06-012C | 54 | 1.83 | 1.83 | 100.00 | 160.65 | 100.00 | | 160.69 | 0.84 0.04 | 160.37 161.21 | | | SLT | Part of above Interval | | | | | | | | | | | |
| KAV06-012C | 54 | 1.03 | 1.03 | 100.00 | 160.65 | | 160.65 | 100.09 | 0.04 | 101.21 | 101.23 | | SLI | Dark grey, fine grained, massive, soft (especially first | | | l | | 1 | | | 1 | 1 | | |
| | | | | | | | | | | | | | | 30cm). It fell apart when going from barrel to box. Very | | | | | | | | | | | i |
| RAV06-012C | | | | | | | 160.69 | 162.43 | 1.74 | 161.25 | 162 99 | | SLT | friable, recessive. | _ | Cal | Tr | W6 | Massive | Fr | 10 | 4.02 | 40.00 | R4 | Good |
| RAV06-012C | | | | | | | 100.00 | 102.10 | 1071 | 101.20 | 102.00 | | OL. | masio, rooccoive. | | - Cai | | **** | Maddiv | Fr | 20 | 2.29 | 10.00 | | |
| | | | | | | | | | | | | | | As above, but more friable, and more calcite. Top | | | | | | | | | | | |
| | | | | | | | | | | | | | | 10cm and bottom 25cm are broken up from drilling. | | | | | | | | | | | |
| | | | | | | | | | | | | | | Numerous micro fractures. RQD of 80% in the barrel, | | | | | | | | | | | |
| | | | | | | | | | | | | | | but when moved into the box, the RQD drops to 40%. | | | | | | | | | | | i |
| RAV06-012C | | | | | | 162.48 | 162.43 | 162.48 | 0.05 | 162.99 | 163.04 | | SLT | Lots of shearing, very soft crumbly rock. | - | Cal | 1 | W6 | Massive | SS | 50 | 1.00 | 40 & 80 | R4 | Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 0 | 1.33 | | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 2 | 6.69 | | | |
| RAV06-012C | 55 | 2.90 | 2.90 | 100.00 | 162.48 | | 162.48 | | 0.07 | 163.04 | | | SLT | Part of above Interval | 1 | , | | | | | 1 | | | | |
| RAV06-012C | | | | | | 165.38 | 162.55 | 165.38 | 2.83 | | 165.94 | | SLT | Part of above Interval | | | | | | | | | | | |
| RAV06-012C | 56 | 2.90 | 2.90 | 100.00 | 165.38 | 1 | 165.38 | 165.42 | 0.04 | 165.94 | 165.98 | | SLT | Part of above Interval | 1 | , , | 1 | 1 | 1 | | | _ | | | |
| | | | | | | | | | | | | | | As above SLT. Calcite veining has a BCN that ranges in between 0 to 45 degrees. RQD in the barrel is 90%. | | | | | | | | | | | |
| | | | | | | | | | | | | | | but when the core is moved into the box, the RQD is | | | | | | | | | | | |
| RAV06-012C | | | | | | 168 28 | 165.42 | 168 28 | 2.86 | 165 98 | 168.84 | | SLT | 45%. | _ | Cal | 1 | W6 | Massive | Fr | 40 | 2.38 | 45 & 90 | R4 to R6 | Evcellent |
| RAV06-012C | | | | | | 100.20 | 100.42 | 100.20 | 2.00 | 100.00 | 100.04 | | OLI | 4070. | | Gai | • | **** | Massive | Fr | 0 | 0.34 | 70 Q 30 | 10 110 | LXCCIICITE |
| RAV06-012C | 57 | 2.90 | 2.90 | 100.00 | 168.28 | | 168.28 | 168.34 | 0.06 | 168.84 | 168.90 | l | SLT | Part of above Interval | | | l | | 1 | | | 3.01 | 1 | | |
| | 3. | | | | . 30.20 | | | 30.01 | 3.00 | 30.01 | | | | As above SLT, soft, easily broken, numerous micro | | | | | | | | | | | |
| | | | | | | | | | | | | | | fractures. RQD in barrel 87%, and RQD in box 40%. | | | | | | | | | | | i |
| RAV06-012C | | | | | | 171.18 | 168.34 | 171.18 | 2.84 | 168.90 | 171.74 | | SLT | Breaks along micro fractures very easily. | - | Cal | Tr | W6 | Massive | Fr | 45 | 2.38 | 40 & 87 | R4 | Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 0 | 0.34 | | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 75 | 0.34 | | | |
| RAV06-012C | 58 | 2.90 | 2.85 | 98.28 | 171.18 | | 171.18 | 171.27 | 0.09 | 171.74 | 171.83 | | SLT | Part of above Interval | | | | | | | | | , i | | |
| | | | | | | | | | | | | | | As above SLT. BCN of calcite veins is 0 degrees. Last | | | | | | | | | | | . |
| 1 | | | | | | | 1 | | | | | | | 30cm is broken and crushed chunks of SLT. RQD in | | | | | | | | | | _ | |
| RAV06-012C | | | | | | | 171.27 | 174.00 | 2.73 | 171.83 | 174.56 | | SLT | barrel is 57%, and RQD in Box is 25%. | - | Cal | Tr | W6 | Massive | | 60 | | 25 & 57 | R4 | Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 30 | 0.73 | | | |
| RAV06-012C | | | | | | | 1 | | | | | | | | | | | | | Fr | 10 | 0.36 | | | |
| RAV06-012C | | | | | | | 1 | | | | | | | | | | | | | Fr | 20 | 1.46 | | | |
| RAV06-012C RAV06-012C | | | | | | | 174.00 | 174.05 | | 17 <i>A</i> EG | 174.61 | 0.05 | | Rock Loss | | | | | | Fr | 40 | 1.46 | | | |
| KAVU0-012C | | | | | | | 174.00 | 174.05 | | 174.56 | 174.61 | 0.05 | | ROCK LOSS As above SLT. First 8cm are broken and crushed, rock | | | | | | + | | | | | |
| | | | | | | | | | | | | | | flower present. BCN of calcite veins is 5 degrees. RQD | | | | | | | | | | | , |
| | | | | | | | | | | | | | | in barrel is 60% and RQD in the box is 30%. Very | | | | | | | | | | | , |
| RAV06-012C | | | | | | 174 08 | 174.05 | 174 08 | 0.03 | 174.61 | 174 64 | | SLT | fractured, soft, breakable rock. | _ | Cal | 1 | W6 | Massive | Fr | 40 | 2 04 | 30 & 60 | R4 | Good |
| RAV06-012C | | | | | | 17 4.00 | 17 4.00 | 17 4.00 | 0.00 | 17 7.01 | 11 7.04 | | OL1 | madarda, don, breakable fook. | | Odi | | **** | Massive | Fr | 20 | 1.71 | 30 00 | 117 | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | | 0.34 | | | |
| RAV06-012C | 59 | 2.90 | 2.90 | 100.00 | 174.08 | 1 | 174.08 | 176.77 | 2.69 | 174.64 | 177.33 | I | SLT | Part of above Interval | 1 | | | ' | 1 | | | | 1 | | |
| RAV06-012C | | | | | | 176.98 | 176.77 | | | | | | SLT | Part of above Interval | | | | | | | | | | | |
| | | | | | | | | | | | | | | • | | | | | | | | - | | | |

| DH ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | s Depth | Written | n Loa | | Correcte | ed | | | | | | | | Bed | F | racture | | Info | | Core |
|--------------------------|--------|-------------|------------|-----------|-----------|---------|---------|--------|--------|------------|--------------|----------|---|-------------------|--------|-------------------|----|-------------------|---------|-----|-------------|----------|--------------|---------|--------------|
| DI 1_1D | rxui1# | CoreDinied | Sole Redu | Recovered | From | TO | FROM | 9 | Length | | TO Core L | oss LITH | Description | Sulphide Minerals | ls % C | arbonate Minerals | % | Sample ID Weather | | _ | | Dip/BCN | | RQD S | |
| | | | | 22.0.00 | | | | | | | 20.02 | | As above SLT. Last 35cm is deformed and rouinded | | | | | Trouble. | J Spaon | J | ,, <u> </u> | | 7.11 | | J. Luciny |
| | | | | | | | | | | | | | from the drilling. BCN of calcite veins is 40 degrees. | | | | | | | | | | | | |
| | | | | | | | | | | | | | RQD in the barrel is 73% and the RQD in the box is | | | | | | | | | | | | |
| RAV06-012C | 60 | 2.90 | 2.90 | 100.00 | 176.98 | 1 | 176.98 | 179.61 | 2.63 | 177.54 1 | 30.17 | SLT | 40% | - | 1 1 | Cal | Tr | W6 | Massi | ve | Fr | 0 | | 73.00 | R4 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr - | 50 | 0.68 | | |
| RAV06-012C RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr Fr | 40 20 | 1.03 0.68 | | |
| RAV06-012C | | | | | | 179.88 | 179.61 | 179.88 | 0.27 | 180.17 1 | 80 44 | SLT | Part of above Interval | | | | | | | | | | 0.00 | | |
| 1010000120 | | | | 1 | | 170.00 | 170.01 | 170.00 | 0.27 | 100.11 | 30.11 | OL. | As above SLT, but much more competent rock. BCN o | f | | | | ļ | | | | | | | ļ. |
| RAV06-012C | 61 | 2.90 | 2.90 | 100.00 | 179.88 | | 179.88 | 182.49 | 2.61 | 180.44 1 | 83.05 | SLT | calcite veins is 45 degrees. | - | | Cal | Tr | W6 | Massi | ve | Fr | 30 | 2.39 | 100.00 | R6 Excellent |
| RAV06-012C | | | | | | 182.78 | 182.49 | 182.78 | 0.29 | 183.05 1 | 33.34 | SLT | Part of above Interval | | | | | | | | | | | | |
| RAV06-012C | 62 | 2.90 | 2.90 | 100.00 | 182.78 | | | 185.20 | 2.42 | | 35.76 | SLT | | | | Cal | Tr | W6 | Massi | ve | Fr | 20 | 1.04 | 99.00 | R6 Excellent |
| RAV06-012C | | | | | | | 185.20 | 185.64 | 0.44 | 185.76 1 | 36.20 | SLT | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Dark grey, fine grained, competent rock, massive, | | | | | | | | | | | | |
| | | | | | | | | | | | | | moderate amount of micro fractures that are infilled | | | | | | | | | | | | |
| | | | | | | | | | | | | | with calcite. BCN of calcite veins ranges from 0 degrees to 45 degrees. The rock gets softer around the | | | | | | | | | | | | |
| | | | | | | | | | | | | | the microfractures. In places the rock has been | 5 | | | | | | | | | | | |
| | | | | | | | | | | | | | replaced silt or clay. In places the rock has been | | | | | | | | | | | | |
| RAV06-012C | | | | | | 185.68 | 185.64 | 185.68 | 0.04 | 186.20 1 | 36.24 | SLT | 1.5cm thick. | _ | | Cal | 2 | W5 | Massi | ve | SS | 20 | 0.70 | 97.00 | R6 Good |
| RAV06-012C | | | | | | | | | | | | - | | | | | | | | | Fr | 0 | 0.70 | | |
| RAV06-012C | 63 | 2.90 | 2.90 | 100.00 | 185.68 | 1 | 185.68 | 188.07 | 2.39 | 186.24 1 | 88.63 | SLT | Part of above Interval | | | | ' | , | • | · · | | | , | , | , |
| RAV06-012C | | | | | | | 188.07 | 188.48 | 0.41 | 188.63 1 | 39.04 | SLT | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | Light grey, fine grained, massive, solid. The BCN of | | | | | | | | | | | | |
| RAV06-012C | | | | | | 188.58 | 188.48 | 188.58 | 0.10 | 189.04 1 | 39.14 | SLT | the calcite veins is 30 degrees. | - | | Cal | 1 | W6 | Massi | ve | Fr | 30 | | 91.00 | R8 Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 0 | 2.86 | | |
| RAV06-012C | 64 | 2.90 | 2.90 | 100.00 | 188.58 | | | 190.25 | 1.67 | 189.14 1 | | SLT | | | | | 1 | | | | | | | 1 | |
| RAV06-012C | | | | | | | 190.25 | 190.53 | 0.28 | 190.81 1 | 91.09 | SLT | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Sharp upper contact @ 35 degrees BCN. 60% SLT & | | | | | | | | | | | | |
| | | | | | | | | | | | | | 40% SST. Interbedded, with all bedding having sharp contacts. Bed thickness ranges from 1cm to 3cm. | | | | | | | | | | | | |
| | | | | | | | | | | | | | BCN of bedding is @ 35 degrees. SLT Beds: | | | | | | | | | | | | |
| | | | | | | | | | | | | | black/grey, fine grained, massive. SST Beds: light | | | | | | | | | | | | |
| | | | | | | | | | | | | | grey, medium grained, massive. 2 cm fault zone at the | 2 | | | | | | | | | | | |
| RAV06-012C | | | | | | | 190.53 | 190.95 | 0.42 | 191.09 1 | 91.51 | SH/S | | · - | | Cal | 1 | W6 | 1cm to | 3cm | Fr | 30 | 19.04 | 0.00 | R6 Fair |
| | | | | | | | | | - | | | | Light grey/white medium grained to course grained, | | | | | - | | | | | | | |
| RAV06-012C | | | | | | 191.48 | 190.95 | 191.48 | 0.53 | 191.51 1 | 92.04 | SST | massive, hard, broken up by drilling. | - | | Cal | Tr | W6 | Massi | ve | Fr | 30 | 1.89 | 50.00 | R7 Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 0 | 3.77 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Light grey/whitish, course to very course, moderately | | | | | | | | | | | | |
| DAM (00 0400 | 0.5 | 0.00 | 0.00 | 400.00 | 104.10 | | 404.40 | 400.44 | 4.00 | 100.01 | - | 0.07 | sorted, massive. Coal spars (minor), very hard. Iron | | 4.0 | 0.1 | | 1440 | | | | 00 | 0.00 | 04.00 | D7 |
| RAV06-012C RAV06-012C | 65 | 2.90 | 2.90 | 100.00 | 191.48 | 1 | 191.48 | 193.14 | 1.66 | 192.04 1 | 93.70 | SST | staining in places. Calcite infilling fractures | Hm | 1.0 | Cal | 1 | W6 | Massi | | Fr Fr | 30 40 | 0.68 | 91.00 | R7 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | 0 to 5 | 1.36 | | |
| RAV06-012C | | | | | | 194 38 | 193.14 | 194 38 | 1.24 | 193.70 1 | 94 94 | SST | Part of above Interval | | | | | | | | | 0103 | 1.30 | | |
| 1010000120 | | | | 1 | | 134.50 | 130.14 | 134.50 | 1.27 | 133.70 | 34.34 | 001 | As above SST. Calcite veins have a BCN of 20 | | | | | | | | | | | | |
| RAV06-012C | 66 | 2.90 | 2.90 | 100.00 | 194.38 | | 194.38 | 196.37 | 1.99 | 194.94 1 | 96.93 | SST | degrees. | Hm | 1.0 | Cal | 1 | W6 | Massi | ve | Fr | 2 | 1.18 | 100.00 | R7 Excellent |
| RAV06-012C | | | | | | | | 196.92 | 0.55 | 196.93 1 | | SST | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Moderately, fine grained to grained, massive, At the | | | | | | | | | | | | |
| RAV06-012C | | | | | | 197.28 | 196.92 | | | | | SLT | | - | | | | W5 | Massi | ve | Fr | 2 | 1.56 | 95.00 F | 4 to R6 Good |
| RAV06-012C | 67 | 2.74 | 2.74 | 100.00 | 197.28 | | 197.28 | 197.56 | 0.28 | 197.84 1 | 98.12 | SLT | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Grey white course to very course grained, massive, | | | | | | | | | | | | |
| | | | | | | | | | | | | | numerous wispy shale stringers and fossils, iron | | | | | | | | | | | | |
| | | | | | | | | | | | | | staining in places. Upper contact is gradational. One | | | | | | | | | | | | |
| DAV/00 0400 | | | | | | | 407.50 | 100 11 | 4.55 | 100.10 | 00.07 | 007 | small >2cm thick fault zone. BCN of calcite veining is | | 4.0 | Col | | 1440 | | | F | 45 | 0.44 | 00.00 | D7 |
| RAV06-012C RAV06-012C | | | | | | | 197.56 | 199.11 | 1.55 | 198.12 1 | 99.67 | SST | 25 degrees. | Hm | 1.0 | Cal | 1 | W6 | Massi | ve | Fr Fr | 45 2 | 0.41 | 99.00 | R7 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 20 | 0.41 | | |
| RAV06-012C | | | | | | 200.02 | 199 11 | 200.02 | () Q1 | 199.67 2 | 00.58 | SST | Part of above Interval | | | | | | | | | - 20 | 0.71 | | |
| 14400-0120 | | | | | | 200.02 | 100.11 | 200.02 | 0.31 | 100.01 2 | 00.00 | 331 | As above SST. Lower contact is sharp @ 27 BCN. | | | | | | | | شرير | | | | |
| RAV06-012C | 68 | 1.83 | 1.83 | 100.00 | 200.02 | | 200.02 | 200.97 | 0.95 | 200.58 2 | 01.53 | SST | Very Hard. | Hm | Tr | Cal | Tr | W6 | Massi | ve | Fr | 2 | 2.08 | 100.00 | R7 Excellent |
| RAV06-012C | | | | | | | | | | 201.53 2 | | SLT | | | | | | W6 | | | | | | | R6 Excellent |
| 11 3.23 | | | | | | | | | | | | | As above SST, except for a moderate amount of fossils | s | | | | .,, | | | -+ | - | | | |
| RAV06-012C | | | | | | | 201.34 | 201.73 | 0.39 | 201.90 2 | 02.29 | SST | and minimal bioturbation. | Hm | Tr | Cal | 1 | W6 | Massi | ve | Fr | 40 | 1.72 | 100.00 | R7 Excellent |
| RAV06-012C | | | | | | 201.85 | | | | 202.29 2 | | SST | Part of above Interval | | | | | | | | | | | | |
| RAV06-012C | 69 | 2.90 | 2.90 | 100.00 | 201.85 | | 201.85 | 201.92 | 0.07 | 202.41 2 | 02.48 | SST | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Light grey/white, course to very course grained, minor | | | | | | | | | | | | |
| | | | | | | | | | | | | | amount of fossils. Wispy calcite veining- No BCN. As | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | measured from the top there is a clay layer between | | | | | | | | _ | | | | |
| RAV06-012C | | | | | | | 201.92 | 204.57 | 2.65 | 202.48 2 | 05.13 | SST | 1.85m and 1.90m | - | | Cal | 1 | W6 | Massi | ve | Fr | 10 | | 96.00 | R7 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr - | 30 | 0.68 | | |
| RAV06-012C | | | | | | 204.75 | 204.57 | 204.75 | 0.40 | 205.42 | DE 24 | 007 | Dort of observation at | | | | | | | | Fr | 40 | 0.34 | | |
| RAV06-012C | | | 1 | 1 | | 204.75 | 204.57 | 204./5 | 0.18 | 205.13 2 | J3.31 | SST | Part of above Interval | | | | | | | | | | | | |

| DH ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | s Depth | Written | Log | | Corrected | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--|------|-------------|------------|-----------|-----------|---------|----------------------|--------|--------------|--------------------------------|-----------|-------------------|---|-----------------|------|--------------------|----|-------------|------------|--------------|----------------|---------------|----------------------|--------|----------|-----------|
| | | | | Recovered | From | TO | FROM | TO | Length | FROM TO | Core Loss | LITH | Description | Sulphide Minera | ls % | Carbonate Minerals | % | Sample ID V | Veathering | Spacing | | Dip/BCN | _ | RQD \$ | Strength | |
| RAV06-012C | 70 | 2.90 | 2.90 | 100.00 | 204.75 | | 204.75 | 204.82 | 0.07 | 205.31 205.38 | | SST | Part of above Interval | | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 204.82 | 205.68 | 0.86 | 205.38 206.24 | | SST | As above SST. Irregular lower contact. Calcite in fractures. Mottled appearance, numerous fossils, bioturbation. 80% SST & 20% shale. Wispy shale stringers @ 20 | Hm | Tr | Cal | 1 | | W6 | Massive | Fr | 50 | 1.16 | 100.00 | R7 | Excellent |
| RAV06-012C RAV06-012C | | | | | | | 205.68 | | 1.87 | 206.24 208.11 | | SST/SH | degrees BCN. Last 15cm are rounded and broken from drilling. | - | | Cal | 1 | | W6 | Massive | Fr Fr | 25 0 | 0.50 1.00 | 87.00 | R7 | Excellent |
| RAV06-012C | 74 | 0.00 | 0.00 | 400.00 | 007.05 | 207.65 | 207.55 | | 0.10 | 208.11 208.21 | | SST/SH | Part of above Interval | | | | | | | | | | | | | 1 |
| RAV06-012C | 71 | 2.90 | 2.90 | 100.00 | 207.65 | 210.55 | 207.65 | | 2.87 | 208.21 208.24 | | SST/SH SST/SLT | Part of above Interval As above unit. One calcite vein (.75cm thick) @ 40 degrees BCN. Bioturbation & fossils, minor amount of fossils. BCN of shale stringers is 20 degrees. Calcite infilling most fractures. | - | | Cal | 2 | | W6 | | Fr | 20 | | 100.00 | R7 | Excellent |
| RAV06-012C RAV06-012C RAV06-012C | 72 | 2.90 | 2.90 | 100.00 | 210.55 | 213.45 | 210.55 | 213.45 | 2.90 | 211.11 214.01 | | SST/SLT | Mottled appearance, numerous fossils, bioturbation, coal spars, massive, 60 SST & 30 SLT% & 10% SH. SST: grey, course to very course grained, massive. SLT: dark grey fine grained, massive. SH: black, massive. BCN of stringers is 20 degrees. | - | | Cal | 1 | | W6 | | Fr Fr SS | 2 20 45 | 0.35 0.34 0.34 | 100.00 | R7 | Excellent |
| RAV06-012C RAV06-012C | 73 | 2.90 | 2.90 | 100.00 | 213.45 | | 213.45 | 216.25 | 2.80 | 214.01 216.81 | | SST/SLT | As above unit. BCN of calcite veins is 50 degrees. The amount and size of coal spars has increased. | - | | Cal | 1 | | W6 | Massive | Fr Fr | 50 20 | , | 100.00 | R7 | Excellent |
| RAV06-012C | | | | | | 216.35 | 216.25 | 216.35 | 0.10 | 216.81 216.91 | | SST/SLT | Part of above Interval | | | | | | | | 11 | 20 | 0.30 | | | |
| RAV06-012C | 74 | 2.90 | 2.90 | 100.00 | 216.35 | | 216.35 | 216.81 | 0.46 | 216.91 217.37 | | SST | Light to dark grey, medium to course grained, calcite veins @ 20 degrees. Lower contact is a fracture @ 50 degrees BCN. The fracture is infilled with calcite and rock flower. | _ | | Cal | 1 | | W6 | Massive | Fr | 50 | 2.17 | 100.00 | R7 | Excellent |
| | | | | | | | | | | | | | As above unit, except the amount of coal spars has decreased, and the amount of calcite has increased. As well, a moderate amount of micro fractures that are | | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 216.81 | 219.17 | 2.36 | 217.37 219.73 | | SST/SLT | infilled with calcite. | - | | Cal | 3 | | W6 | | Fr - | 20 | | 93.00 | R7 | Excellent |
| RAV06-012C RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr Fr | 40 0 | 0.42 | | | |
| RAV06-012C | | | | | | | 219.17 | 219.21 | 0.04 | 219.73 219.77 | | SST/SLT | Part of above Interval | | | | | | | | | | 0.00 | | | |
| RAV06-012C RAV06-012C | | | | | | 219.25 | 219.21 | 219.25 | 0.04 | 219.77 219.81 | | SST/SLT | Mottled appearance. 70% SST & 20 SLT% & 10% SH. Numerous fossils and micro fractures, mud drape sedimentary structure, and wispy Shale stringers @ 20 degrees BCN. Calcite infilling micro fractures. BCN of clacite veins @ 50 degrees. SST: light grey, fine grained, massive. SLT: dark grey fine grained, massive. SH: black and massive, in the form of wispy stringers. | - | | Cal | 1 | | W6 | nm to mottle | Fr Fr | 20 45 | 0.73 0.37 | 100.00 | R7 | Excellent |
| RAV06-012C | 75 | 2.90 | 2.90 | 100.00 | 219.25 | | 219.25 | 221.94 | 2.69 | 219.81 222.50 | | SST/SLT | Part of above Interval | | | | | | | | гі | 40 | 0.37 | | | |
| RAV06-012C | | | | | | | | 222.04 | 0.10 | 222.50 222.60 | | SST/SLT | Roof Sample, part of above Interval. | | | | | 10220 | | | | | | | | |
| RAV06-012C | | | | | | 222.15 | | 222.06 | 0.02 | 222.60 222.62 | | SST Coalv shal | Roof Sample, as above SST. One solid disk. 50% Boney Coal & 50% SLT. Thin 1cm thick beds of boney coal interbedded with a dark brown SLT. Boney Coal: 60% & 40% shale, blackish brown, moderate amount of bubbling and hissing. The coal is in thin plate like layers, and has a dull sheen. Pyrite smears all over the interval. BCN os SLT layers is 25 degrees. | Py | 1.0 | Cal | Tr | 10220 | W6 | Massive | Fr | ? | <50 | 0.00 | R7 R2 | Fair |
| RAV06-012C | 76 | 2.90 | 2.90 | 100.00 | 222.15 | | 222.15 | | | 222.71 223.20 | | Coaly shal | Part of above Interval | . , | 1.0 | Jui | | 10221 | | 10 1011 | | | -50 | 5.50 | | 2330 |
| RAV06-012C RAV06-012C | | | | | | | 222.64 : 222.74 : | | 0.10 1.95 | 223.20 223.30 223.30 225.25 | | SLT/SH SLT/SH | | Ру | Tr | Cal | 1 | 10222 | W6 | 1mm to 1cm | Fr | 20 | 3.42 | 68.00 | R6 | Fair |
| RAV06-012C RAV06-012C RAV06-012C | | | | | | 225.05 | 224.69 | 225.05 | 0.36 | 225.25 225.61 | | SLT/SH | As above unit, except for several large bubbling coal spars. BCN of bedding is 32 degrees, and the BCN of the calcite is 20 degrees. Pyrite smears through out the run. Breaks quite easily along bredding planes. | Ру | 0.5 | Cal | 2 | | W6 | 1mm to 7cm | Fr Fr Fr | 90 5 32 | 0.64 1.62 1.62 | 81.00 | R4 | Good |
| RAV06-012C | 77 | 2.59 | 2.59 | 100.00 | 225.05 | | 225.05 | 225.12 | 0.07 | 225.61 225.68 | | SLT/SH | Part of above Interval | | | | | | | | r'i | SΖ | 1.02 | | | |
| RAV06-012C | | | | | | 227.64 | | | | 225.68 228.20 | | SLT/SH | | | | | | | | | | | | | | |

| BOYN SST & RANSHINE & 276 Call Spars. BCN of Septime String Course to very course graned massive. SST dirthy gray whose course to very course graned massive. SST dirthy gray whose course to very course graned massive. SST dirthy gray whose course to very course graned massive. SST dirthy gray whose course to very course graned massive. SST dirthy gray whose course to very course graned massive. SST dirthy gray whose course to very course graned massive. SST dirthy gray whose course to very course graned massive. SST dirthy gray whose course to very course graned and massive very hard. One large color win & S ECU. RAVIGE-012C 79 | | | | | | |
|--|--------------------|--------|----------|----------|--------|---------------------------------------|
| SAV06-012C 78 2.90 2.90 100.00 27.64 20.37 27.50 20.54 20.10 20.54 20.37 20.54 20.10 20.54 20.55 20. | Bed | Fractu | | Info | 202 | Core |
| BAVIGG-012C 78 2.90 2.90 100.00 227.64 227.64 230.37 2.73 228.20 200.93 SST(8)H Factor delivers beloaded and libered quite supported and libered | Weathering Spacing | д Туре | e Dip/BC | N Freq/M | RQD | Strength Quali |
| ## Week Course grisned, maskless: Sit Lindack very line grigned, maskless: Sit Lindack very line grigned, maskless, and in the from of this stringers. The course proceedings of the process of the proce | | | | | | |
| RAV06-012C 78 2.90 2.90 100.00 227.64 230.37 27.5 228.20 230.93 SST/SH Calciform Delay (approach) Very hard, but breaks along Shale stringers. The coal gars bubbled and hissed green sets (response to large) and the common of this stringers. The coal gars bubbled and hissed green sets (response to large). The coal gars bubbled and hissed green sets (response to large). The coal gars bubbled and hissed green sets (response to large). The coal gars was also also also also also also also al | | | | | | |
| RAV06-012C 78 2.90 2.90 100.00 227.64 227.64 230.37 2.73 228.20 230.93 SST/SH calcite veins ® 5 degrees BCN. Py Tr Cal 1 RAV06-012C | | | | | | |
| RAV06-012C 79 1.67 1.67 100.00 230.54 232.21 232.24 232.24 232.27 232.80 SST RAV06-012C 80 2.90 100.00 230.54 232.21 232.24 232.24 232.27 232.80 SST RAV06-012C 80 2.90 100.00 230.54 232.21 232.24 232.24 232.26 SST RAV06-012C 80 2.90 100.00 230.54 232.21 232.24 232.24 232.25 SST RAV06-012C 80 2.90 100.00 230.54 232.21 232.24 232.25 SST RAV06-012C 80 2.90 100.00 230.54 232.21 232.24 232.25 SST RAV06-012C 80 2.90 100.00 230.54 232.21 232.55 SST RAV06-012C 80 2.90 100.00 230.54 232.21 230.55 SST RAV06-012C 80 2.90 100.00 230.54 232.35 SST RAV06-012C 80 2.90 100.00 230.54 232.35 SST RAV06-012C 80 2.90 100.00 230.54 232.35 SST RAV06-012C 80 2.90 100.00 230.54 232.55 SST RAV06-012C 80 2.90 100.00 230.54 230.00 230.55 SST RAV06-012C 80 2.90 100.00 230.55 SST RAV | | | | | | |
| RAVIG-012C 78 2.90 2.90 100.00 227.64 227.6 230.37 230.54 0.17 230.93 251.10 SST/SH calcite veins @ 5 degrees BCN. Py Tr Cal 1 RAVIG-012C 79 1.67 1.67 100.00 230.54 232.21 230.54 232.21 1.67 231.10 232.77 SST roundlum gray, course griend and massive, very hard. Che large, color broken up from coming out of shoe. RAVIG-012C 80 2.90 100.00 232.51 232.21 230.54 232.21 230.54 232.77 SST roundlum gray, course griend and massive, very hard. Che large, color broken up from coming out of shoe. Fracture at 80 degrees BCN. Last Zoum broken up from coming out of shoe. Fracture at 80 degrees BCN is filled with calcite and rook flower. RAVIG-012C 80 2.90 100.00 232.51 232.21 232.24 233.10 0.86 232.80 233.66 SST/SH SST, gray, which we refine grained. Investment and the strength of | | | | | | |
| RAV06-012C | | | | | | |
| Light to medium rgrs, course grained and massek-very hard. One large calculate vain & 5 BCN, smaller veins ranging in between 10 to 40 degrees BCN, Last 200 moning out of shoe. Fracture at 80 degrees BCN, Last 200 moning out of shoe. Fracture at 80 degrees BCN is filled with calcita and rock flower. | W6 1mm to 1 | | | | 64.00 | R7 Good |
| Light to medium rgrs, course grained and massek-very hard. One large calculate vain & 5 BCN, smaller veins ranging in between 10 to 40 degrees BCN, Last 200 moning out of shoe. Fracture at 80 degrees BCN, Last 200 moning out of shoe. Fracture at 80 degrees BCN is filled with calcita and rock flower. | | Fr | | 2.38 | | |
| Light to medium rgrs, course grained and massek-very hard. One large calculate vain & 5 BCN, smaller veins ranging in between 10 to 40 degrees BCN, Last 200 moning out of shoe. Fracture at 80 degrees BCN, Last 200 moning out of shoe. Fracture at 80 degrees BCN is filled with calcita and rock flower. | | Fr | 10 | 0.34 | | |
| RAV06-012C 79 1.67 1.67 100.00 230.54 232.21 230.54 232.21 1.67 231.10 232.77 232.80 SST Part of above interval Pa | | | | | | |
| Second | | | | | | |
| RAV06-012C 79 1.67 1.67 100.00 230.54 232.21 230.54 232.21 1.67 231.10 232.77 SST Facture at 80 degrees ROS N. filled with calcite and rock flower. Cal 1 | | | | | | |
| Fracture at 80 degrees BCN is filled with calcite and rock flower Cal 1 | | | | | | |
| RAV06-012C 79 1.67 1.87 10.00 23.054 23.2.1 23.2.1 1.67 231.10 232.77 SST rock flower Cal 1 RAV06-012C 80 2.90 10.00 23.2.1 23.2.1 23.2.24 0.03 23.2.7 23.80 SST Part of above interval RAV06-012C 80 2.90 10.00 23.2.1 23.10 0.86 23.2.80 23.66 ST/SH RAV06-012C 81 2.90 2.90 10.00 23.5.11 23.11 2.01 23.5.67 236.53 SST/SH RAV06-012C 81 2.90 2.90 10.00 23.5.11 23.5.11 23.5.97 0.86 23.5.67 236.53 SST/SH RAV06-012C 81 2.90 2.90 10.00 23.5.11 23.5.11 23.5.97 0.86 23.5.67 236.53 SST/SH RAV06-012C 82 2.5.9 2.5.9 10.00 23.8.01 23.8. | | | | | | |
| RAV06-012C 80 2.90 100.00 23 2.1 23 2.2 23 2.2 23 2.0 0.8 ST Part of above Interval RAV06-012C 81 2.90 100.00 23 2.1 23 2.1 23 2.2 2.2 | | _ | | | | |
| RAV06-012C 81 2.90 2.90 100.00 235.11 235.12 238.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 | W6 Massive | | | 0.58 | 92.00 | R7 Good |
| RAV06-012C 23.11 23.22 23.10 0.86 23.280 23.66 SST/SH Gegrees. Numerous mirror fractures filled with calcite, and several large coal spars. BCN of calcite veins ranges between 50:90 degrees. Numerous mirror fractures filled with calcite, and several large coal spars. BCN of calcite veins ranges between 50:90 degrees. Numerous mirror fractures filled with calcite, and several large coal spars. BCN of calcite veins ranges between 50:90 degrees. Numerous mirror fractures filled with calcite, and several large coal spars. BCN of calcite veins ranges between 50:90 degrees. Numerous mirror fractures filled with calcite, and several large coal spars. BCN of calcite veins ranges between 50:90 degrees. Numerous mirror fractures filled with calcite, and several large coal spars. BCN of calcite veins ranges between 50:90 degrees. Numerous mirror fractures filled with calcite, and several large coal spars. BCN of calcite veins ranges between 50:90 degrees. Numerous mirror fractures, with a BCN of 5 degrees. Numerous mirror fractures, mirror flat dates when the calcite veins ranges between 50:90 degrees. Numerous mirror fractures, bard rows interval degrees. Numerous mirror fractures, bard rows interval degrees. Numerous mirror fractures, bard rows between 50:90 degrees. Numerous mirror fractures, bard rows by the part of above interval degrees. Numerous mirror fractures, bard rows by the part of above interval degrees. Numerous mirror fractures, hard rows but breaks along bedding planes and mirror fractures, bard rows by the part of above interval degrees. Numerous mirror fractures, bard rows by the part of above interval degrees. Numerous mirror fractures, bard rows by the part of above interval degrees. Numerous mirror fractures, bard rows by the part of above interval degrees. Numerous mirror fractures, bard rows by the part of above interval degrees. Numerous mirror fractures, bard rows by the part of above interval degrees. Numerous mirror fractures, bard rows | | Fr | | | | |
| RAV06-012C 81 2.90 2.90 100.00 235.11 235.12 238.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 238.07 280.01 | | Fr | 25 | | | |
| RAV06-012C 81 2.90 2.90 10.00 235.11 231.0 235.0 236.05 235.67 236.53 237.5H Part of above Interval 2.82 2.99 2.59 10.00 238.01 238.01 238.01 238.05 238.65 | | | | | | |
| RAV06-012C | | | | | | |
| RAV06-012C 2 2 2 2 2 2 2 2 2 | | | | | | |
| RAV06-012C | | | | | | |
| RAV06-012C 81 2.90 2.90 100.00 235.11 233.10 235.11 235.97 0.86 235.67 236.53 SST/SH Part of above Interval As above, but when the core was transferred into the box, the RQD dropped to 60% - Cal 1 RAV06-012C | | | | | | |
| As above, but when the core was transferred into the box, the RQD dropped to 60% - Cal 1 RAV06-012C RAV06- | W6 Massive | e Fr | 90 | 0.69 | 98.00 | R7 Excelle |
| RAV06-012C 81 2.90 2.90 100.00 235.11 235.11 235.97 0.86 235.67 236.53 SST/SH box, the RQD dropped to 60% - Cal 1 RAV06-012C | | | | | | |
| RAV06-012C RAV06-012C RAV06-012C B2 2.59 100.00 238.01 235.97 238.01 238.09 0.08 238.57 238.65 SST/SH Part of above Interval Part of above | 1440 | _ | 4.5 | 0.07 | 00.00 | D7 E " |
| RAV06-012C RAV | W6 Massive | | | | 89.00 | R7 Excelle |
| RAV06-012C RAV | | Fr | | 1.34 | | |
| RAV06-012C 82 2.59 2.59 100.00 238.01 238.09 0.08 238.57 238.65 SST/SH Part of above Interval RAV06-012C 238.09 238.77 0.68 238.65 239.33 SST Light grey/white course to very course grained, massive. - Cal 1 RAV06-012C 238.77 240.06 1.29 239.33 240.62 SST Part of above Interval - Cal 1 RAV06-012C 240.06 240.06 1.29 239.33 240.62 SST Part of above Interval - Cal 1 RAV06-012C 240.06 240.20 0.14 240.62 240.76 Coal Partings - Dark grey. Very fine grained, massive. BCN of clacite veins is 30 degrees. - Cal 1 RAV06-012C 240.20 240.50 0.30 240.76 SLT Very tinity interbedded SLT & SH. 60% SLT & 30% SH & 10% STL & SUK & | | Fr | 90 | 0.33 | | |
| RAV06-012C 238.09 238.77 0.68 238.65 239.33 SST SST massive. - Cal 1 | | | | | | |
| RAV06-012C 238.09 238.77 0.68 238.65 239.33 SST massive. - Cal 1 RAV06-012C 238.77 240.06 1.29 239.33 240.62 SST Part of above Interval - | | | T T | | | 1 |
| RAV06-012C 238.77 240.06 1.29 239.33 240.62 SST Part of above Interval Dull black coal, crushed, minimal bubbling. 40% SLT Partings - Partings Partings - Pa | Mc Manairu | e Fr | . 40 | 4.04 | 90.00 | R7 Excelle |
| RAV06-012C 240.06 240.20 0.14 240.62 240.76 Coal Partings - Dark grey. Very fine grained, massive. BCN of clacite veins is 30 degrees. Cal 1 Very thinly interbedded SLT & SH. 60% SLT & 30% SH & 10% SST. BCN of badding is 0 degrees. Numerous micro fractures, hard rock but it breaks along bedding planes and micro fractures. SLT: brownish grey fine | W6 Massive | e Fr | 18 | 1.01 | 90.00 | R7 Excelle |
| RAV06-012C 240.06 240.20 0.14 240.62 240.76 Coal Partings - Dark grey. Very fine grained, massive. BCN of clacite veins is 30 degrees. Cal 1 | | | | | | |
| RAV06-012C 240.20 240.50 0.30 240.76 241.06 SLT veins is 30 degrees Cal 1 Very thinly interbedded SLT & SH. 60% SLT & 30% SH & 10% SST. BCN of bedding is 0 degrees. Numerous micro fractures, hard rock but it breaks along bedding planes and micro fractures. SLT: brownish grey fine | W6 >1mm | Fr | . ? | <25 | 0.00 | R1 Poor |
| RAV06-012C 240.20 240.50 0.30 240.76 241.06 SLT veins is 30 degrees Cal 1 Very thinly interbedded SLT & SH. 60% SLT & 30% SH & 10% SST. BCN of bedding is 0 degrees. Numerous micro fractures, hard rock but it breaks along bedding planes and micro fractures. SLT: brownish grey fine | VVO >1111111 | П | f | <25 | 0.00 | KI FOO |
| Very thinly interbedded SLT & SH. 60% SLT & 30% SH & 10% SST. BCN of bedding is 0 degrees. Numerous micro fractures, hard rock but it breaks along bedding planes and micro fractures. SLT: brownish grey fine | W6 Massive | e Fr | . 0 | 6.67 | 90.00 | R6 Excelle |
| & 10% SST. BCN of bedding is 0 degrees. Numerous micro fractures, hard rock but it breaks along bedding planes and micro fractures. SLT: brownish grey fine | VVO IVIASSIVE | e ri | 0 | 0.07 | 90.00 | Ko Excelle |
| micro fractures, hard rock but it breaks along bedding planes and micro fractures. SLT: brownish grey fine | | | | | | |
| planes and micro fractures. SLT: brownish grey fine | | | | | | |
| | | | | | | |
| grained, massive. Shale: blackish brown very fine | | | | | | |
| grained, massive. RQD in the box is 30%, but 90% in | | | | | | |
| RAV06-012C 240.60 240.50 240.60 0.10 241.06 241.16 SST/SH the barrel Cal 1 | W6 1mm to 1 | 5c Fr | 45 | 0.61 | 90.00 | R6 Excelle |
| RAV06-012C | | Fr | | | 00.00 | 110 2/100 |
| RAV06-012C | | Fr | | 1.21 | | |
| RAV06-012C 83 2.90 2.90 100.00 240.60 240.60 241.69 1.09 241.16 242.25 SST/SH Part of above Interval | | | | | ļ | , , , , , , , , , , , , , , , , , , , |
| RAV06-012C 241.69 242.15 0.46 242.25 242.71 SST/SH Part of above Interval | | | | | | |
| Light grey, mottled appearance, course grained to | | | | | | |
| medium grained. Moderately sorted, numerous micro | | | | | | |
| fractures, numerous thin uneven shale stringers. Last | | | | | | |
| 40cm broken while trying to remove the shoe. Several | | | | | | |
| coal spars, hard rock that breaks along the micro | | | | | | |
| RAV06-012C 243.50 242.15 243.50 1.35 242.71 244.06 SST fractures Cal 1 | W6 Massive | e Fr | 45 | 0.66 | 55.00 | R7 Good |
| RAV06-012C | | Fr | 30 | 2.65 | | |
| RAV06-012C 84 2.90 2.90 100.00 243.50 243.50 243.66 0.16 244.06 244.22 SST Part of above Interval | · · | | | | | |
| Light grey to brownish grey, course | | | | | | |
| grained, mottled appearance, numerous micro | | | | | | |
| fractures, calcite veins and veinlets at all angles. Wispy | | | | | | |
| shale stringers at no particular orientation. Minor | | | | | | |
| amount of iron staining. Hard rock, but it breaks along | | | | | | |
| micro fractures. Two small (less then 1mm thick) | | | | | | |
| RAV06-012C 243.66 245.78 2.12 244.22 246.34 SST fracture zones filled with rock flower. Hm Tr Cal 1 | W6 Massive | | | | 87.00 | R7 Excelle |
| RAV06-012C | | Fr | 0 | 0.34 | | |
| RAV06-012C 246.40 245.78 246.40 0.62 246.34 246.96 SST Part of above Interval | | | | | | |
| RAV06-012C 85 2.90 2.90 100.00 246.40 246.57 0.17 246.96 247.13 SST Part of above Interval | | | | | | |
| Light grey/white, course to very course grained, shale | | | | | | |
| stringers @ 25 degrees BCN. Calcite veining has a | | | | | | |
| BCN of 20 to 45 degrees. Numerous micro fractures, | | | | | | |
| that break apart when the core is moved. RQD in the | | | | | | |
| RAV06-012C 246.57 247.23 0.66 247.13 247.79 SST box is 80%. Several coal spars Cal 1 | W6 1mm to 1 | | | | 100.00 | R7 Excelle |
| RAV06-012C | | Fr | 5 | 0.38 | | |

| DH ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | s Depth | Writt | en Loa | | Correc | ted | | | | | | | | | | Bed | Fracture | | Info | | Core |
|--------------------------|-----------|-------------|------------|-----------|-----------|----------|--------|--------|--------|--------|--------|-----------|----------|---|-----------------|-------|--------------------|----|-----------|------------|------------|----------|----------|--------------|--------|--------------|
| 511_15 | . toll if | 30.35/11160 | 23.01.000 | Recovered | From | ТО | FROM | | Length | | | Core Loss | LITH | Description | Sulphide Minera | als % | Carbonate Minerals | % | Sample ID | Weathering | Spacing | Type | Dip/BCN | Freq/M | RQD : | |
| RAV06-012C | | | | | | | 247.23 | 249.18 | 1.95 | 247.79 | | | SST | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Light grey course to very course grained, massive, but | | | | | | | | | | | | |
| RAV06-012C | | | | | | 249.30 | 249 18 | 249.30 | 0.12 | 249.74 | 249.86 | | SST | numerous wispy shale stringers with a BCN of 20 degrees. Ir-regular calcite veining. | _ | | Cal | 1 | | W6 | Massive | Fr | 10 | 1.61 | 100.00 | R7 Excellent |
| RAV06-012C | 86 | 2.90 | 2.90 | 100.00 | 249.30 | 249.30 | 249.10 | | 1.12 | 249.74 | | | SST | Part of above Interval | - | | Cai | | | VVO | Iviassive | r. | 10 | 1.01 | 100.00 | K7 Excellent |
| | | | | | | | | | | | | | | Roof Sample. Last 5cm are very carboneous (very | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 250.42 | 250.52 | 0.10 | 250.98 | 251.08 | | SST | black). | - | | Cal | 1 | 10223 | W6 | Massive | | | | 100.00 | R7 Excellent |
| | | | | | | | | | | | | | | 5 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Black, hard, semi-vitreous sheen, very thinly laminated, disseminated calcite and pyrite throught out, bubbled | | | | | | | | | | | | |
| | | | | | | | | | | | | | | and hissed for 20 minutes, iregular broken texture. | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 250.52 | 251.44 | 0.92 | 251.08 | 252.00 | | Coal | Pyrite smears on the cleats. 0.5 cm thick cleats. | Py | 2.0 | Cal | 1 | 10224 | W6 | 1mm to 1cr | Fr | 2 | 4.30 | 77.00 | R2 Excellent |
| RAV06-012C | | | | | | | | | | | | | | , | j | | | | | | | Fr | 45 | 1.08 | | |
| | | | | | | | | | | | | | | Floor Sample. Brownish, very fine grained, soft, coal | | | | | | | | | | | | |
| RAV06-012C | | | | | | | | 251.54 | 0.10 | 252.00 | | | SST | spars, sharp upper contact at 22 degrees BCN. | - | | Cal | Tr | 10225 | W6 | Massive | | | | 100.00 | R2 Excellent |
| RAV06-012C | | | | | | | 251.54 | 251.87 | 0.33 | 252.10 | 252.43 | | SLT | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Light grey course to very course grained, 10% shale stringers @ 5 degrees BCN. Last 20 broken up from | | | | | | | | | | | | |
| RAV06-012C | | | | | | 252.20 | 251.87 | 252.20 | 0.33 | 252.43 | 252.76 | | SST | drilling. | - | | Cal | Tr | | W6 | Massive | Fr | 5 to 10 | 13.34 | 71.00 | R7 Excellent |
| RAV06-012C | 87 | 2.90 | 2.90 | 100.00 | 252.20 | 1 | 252.20 | | 0.12 | 252.76 | | , | SST | Part of above Interval | 1 | | | ļ. | ļ. | | 1 | Į. | | 1 | , | 1 |
| | | | | | | | | | | | | | | Light grey course to very course grained, massive, | | | | | | | | | | | | |
| DAV60 0100 | | | | | | | 050.00 | 250.74 | 0.40 | 050.00 | 050.00 | | 007 | calcite vein @ 30 BCN. Shale stringers @ 20 BCN. | | | 0-1 | _ | | 14/0 | M | _ | 0.4- 5 | 0.70 | 100.00 | D7 E. " |
| RAV06-012C RAV06-012C | | | | | | | 252.32 | 252.74 | 0.42 | 252.88 | 253.30 | | SST | Calcite infilling fractures | - | | Cal | 1 | | W6 | Massive | Fr Fr | 2 to 5 | 0.79 0.39 | 100.00 | R7 Excellent |
| RAV06-012C | | | | | | | 252 74 | 254.84 | 2.10 | 253.30 | 255 40 | | SST | Part of above Interval | | | | | | | | r! | 45 | 0.39 | | |
| | | | | | | | 202.14 | 207.04 | 2.10 | 200.00 | _00.40 | | 501 | Weathered black MST. Powerdery, clay like weathered | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 254.84 | 254.86 | 0.02 | 255.40 | 255.42 | | MST | MST mixed with bits of coal. | - | | | | | W4 | Massive | | | | | R2 Poor |
| | | | | | | | | | | | | | | Blackish brown, greyish, medium to fine grained, | | | | | | | | | | | | |
| | | | | | | | | | | | | _ | | calcite veins @ 20 BCN, soft, numerous micro | | | | | | | | | | | | |
| RAV06-012C | 00 | 2.00 | 2.00 | 100.00 | 255.40 | 255.10 | 254.86 | | 0.24 | 255.42 | | | Carb. SL | | - | | Cal | 1 | | W6 | Massive | | | | 100.00 | R5 Excellent |
| RAV06-012C | 88 | 2.90 | 2.90 | 100.00 | 255.10 | 1 | 255.10 | 255.61 | 0.51 | 255.66 | 256.17 | | Carb. SL | Light grey/white with black specks of shale. SST: | | | | l | | | | l | | | | |
| | | | | | | | | | | | | | | course to very course grained, angular grains, | | | | | | | | | | | | |
| | | | | | | | | | | | | | | moderately sorted, coal spars, wispy uneven shale | | | | | | | | | | | | |
| | | | | | | | | | | | | | | stringers(BCN of 10 degrees). Calcite veins and | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 255.61 | | 0.59 | 256.17 | | | SST | calcite infilling fractures. | - | | Cal | 1 | | W6 | Massive | Fr | 30 | 1.74 | 100.00 | R7 Excellent |
| RAV06-012C | | | | | | | 256.20 | 257.91 | 1.71 | 256.76 | 258.47 | | SST | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SST, except for the amount of calcite veining has increased. One large and thick (1.75cm) calcite | | | | | | | | | | | | |
| | | | | | | | | | | | | | | vein @ 10 BCN. Another large and thick (1.75cm) calcite | | | | | | | | | | | | |
| RAV06-012C | | | | | | 258.00 | 257.91 | 258.00 | 0.09 | 258.47 | 258.56 | | SST | 45 degrees BCN. | _ | | Cal | 3 | | W6 | Massive | Fr | 0 | 0.33 | 100.00 | R7 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | Fr | 50 | 0.33 | | |
| RAV06-012C | 89 | 2.90 | 2.90 | 100.00 | 258.00 | | 258.00 | | 0.99 | 258.56 | | Ţ | SST | Part of above Interval | | | | | | | | | | | Ţ | |
| RAV06-012C | 00 | 0.04 | 0.04 | 400.00 | 000.00 | 260.90 | 258.99 | | 1.91 | 259.55 | | | SST | Part of above Interval | | | | | | 1440 | | _ | 50 | | 100.00 | D7 |
| RAV06-012C RAV06-012C | 90 | 3.01 | 3.01 | 100.00 | 260.90 | | 260.90 | 262.01 | 1.11 | 261.46 | 262.57 | | SST | As above SST. | ı | | Cal | 2 | | W6 | Massive | Fr Fr | 50 30 | 0.32 0.32 | 100.00 | R7 Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | Fr | 10 | 0.65 | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | Fr | 5 | 0.32 | | |
| RAV06-012C | | | | | | 263.91 | 262.01 | 263.91 | 1.90 | 262.57 | 264.47 | | SST | Part of above Interval | | | | | | | | | | | | |
| RAV06-012C | 91 | 1.68 | 1.68 | 100.00 | 263.91 | , | | | | 264.47 | | | SST | Part of above Interval | _ | | | | | | , | | , | | | |
| RAV06-012C | | | | | | | 264.06 | 264.70 | 0.64 | 264.62 | 265.26 | | SST | As above SST. | | | Cal | 1 | | W6 | Massive | Fr | 0 | | 100.00 | R7 Excellent |
| RAV06-012C RAV06-012C | + | | | 1 | | | | | | | | | | | | | | | | | | Fr Fr | 30 20 | 0.60 1.21 | | |
| RAV06-012C | | | | | | 265 59 | 264 70 | 265.59 | 0.89 | 265.26 | 266.15 | | SST | Part of above Interval | | | | | | | | ITI. | 20 | 1.21 | | |
| RAV06-012C | 92 | 2.90 | 2.90 | 100.00 | 265.59 | _00.00 | | 265.71 | 0.12 | 266.15 | | | SST | Part of above Interval | | | | l | | | | I | I | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SST, except for 2 fractures @ BCN of 20 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | degrees which both have broken bits of coal in them. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Both fractures are less then 1cm thick. Numeous coal | | | | | | | | | | | | |
| | | | | | | | | | | | | | | spars, plus several very thin beds. Erratic calcite veining. Last 0.5m is particularly fractured, the core | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 265.71 | 267.58 | 1.87 | 266.27 | 268.14 | | SST | has been weathered to a dull grey. | - | | Cal | 1 | | W4 | Massive | Fr | 20 | 1.03 | 83.00 | R7 Excellent |
| RAV06-012C | | | | | | | | 200 | | | | | | | | | | | | | | Fr | 10 | 1.02 | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | Fr | 30 | 0.34 | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | Fr | 45 | 0.68 | | |
| RAV06-012C | 00 | 0.00 | 0.00 | 400.00 | 000.40 | 268.49 | | 268.49 | 0.91 | | | | SST | Part of above Interval | | | | | | | | | | | | |
| RAV06-012C | 93 | 2.90 | 2.90 | 100.00 | 268.49 | | 268.49 | 268.63 | 0.14 | 269.05 | 269.19 | | SST | Part of above Interval | 1 | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above SST, except minor fractures @ 30 degrees | | | | | | | | | | | | |
| | | | | | | | | | | | | | | BCN. Calcite veins @ 90 degrees BCN. Wispy shale | | | | | | | | | | | | |
| RAV06-012C | | | | <u></u> | <u> </u> | <u> </u> | | 270.53 | 1.90 | 269.19 | | | SST | stingers, and the amount of coal spars has decreased. | - | | Cal | 1 | | W6 | Massive | Fr | 30 | 0.38 | 100.00 | R7 Excellent |
| RAV06-012C | | | | | | | 270.53 | 271.23 | 0.70 | 271.09 | 271.79 | | SST | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | |

| DI ID | D // | O a va Daille al | Oana Daalal | Damasast | Daillead | - D th | \A/-: | | | 0 | t1 | | | | | | | | | D. d | | | 1 | | | 0 |
|--------------------------|-------|------------------|-------------|-----------|----------|---------------|----------|-------------------------|--------------|------------------|---------|-------------|---|--------------------|----------|--------------------|------|----------------|------------|----------------|------------------|--------------|----------------|--------|----------|-----------|
| DH_ID | Run # | CoreDrilled | Core Rec'd | Percent | From | s Depth TO | FROM | tten Log 1 TO | Length | FROM | | e Loss LITH | Description | Sulphide Minera | als % | Carbonate Minerals | % S | amnle ID | Weathering | Bed Spacing | Fracture Type | | Info Freq/M | ROD | Strength | Core |
| | | | | Recovered | 1 10111 | 10 | 1 ICOIVI | 10 | Lengin | TROW | 10 0016 | LUSS LITT | Boompaon | Sulprilide Willier | als /0 | Carbonate Minerals | 70 0 | ample ID | weathening | Spacing | Туре | Бір/БСІЧ | 1 164/101 | NQD | Strength | Quality |
| | | | | | | | | | | | | | As above SST, except the amount of shale stringers, | | | | | | | | | | | | | |
| RAV06-012C | | | | | | 271.39 | 271.23 | 3 271.39 | 0.16 | 271.79 | 271.95 | SST | coal spars, and micro fractures has decreased. | _ | | Cal | 1 | | W6 | mm sh bed | Fr | 20 | 0.36 | 100.00 | R7 | Excellent |
| RAV06-012C | 94 | 2.69 | 2.69 | 100.00 | 271.39 | 1 | 271.39 | | 2.05 | 271.95 | | SST | Part of above Interval | • | | , | ļ | | | 1 | | | | , , | | |
| RAV06-012C | | | | | | 274.08 | 273.44 | 4 274.08 | 0.64 | 274.00 | 274.64 | SST | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | As above SST, except much more fractured, especially | <i>(</i> | | | | | | | | | | | | |
| RAV06-012C | 95 | 2.90 | 2.90 | 100.00 | 274.08 | | 274.08 | 3 276.56 | 2.48 | 274.64 | 277.12 | SST | the last 55cm. | - | | Cal | 1 | | W6 | mm sh bed | Fr | 5 | 0.67 | 78.00 | R7 | Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 30 | 2.02 | | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 90 | 0.34 | | | |
| RAV06-012C | | | | | | 276.98 | 276.56 | 276.98 | 0.42 | 277.12 | 277.54 | SST | Part of above Interval | 1 | | | | | | | | | | | | |
| | | | | | | | | | | | | | As above CCT average the number of abole hade has | | | | | | | | | | | | | |
| RAV06-012C | 96 | 2.90 | 2.90 | 100.00 | 276.98 | | 276.09 | 3 279.22 | 2.24 | 277.54 | 270.70 | SST | As above SST, except the number of shale beds has increased. BCN of shale beds is 30 degrees BCN | | | Cal | 4 | | W6 | mm sh bed | Fr | 20 | 0.34 | 88.00 | R7 | Good |
| RAV06-012C | 90 | 2.90 | 2.90 | 100.00 | 270.90 | 1 | 270.90 | 219.22 | 2.24 | 211.54 | 219.10 | 331 | increased. BCIN of shale beds is 50 degrees BCIN | - | | Cai | ' | | VVO | mini sn bed | Fr | 40 | 0.34 | 00.00 | K/ | Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 50 | 0.34 | | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 10 | 0.69 | | | |
| RAV06-012C | | | | | | 279.88 | 279.22 | 2 279.88 | 0.66 | 279.78 | 280.44 | SST | Part of above Interval | | | | | | | | | | 0.00 | | | |
| RAV06-012C | 97 | 2.90 | 2.90 | 100.00 | 279.88 | | | 3 282.12 | 2.24 | 280.44 | | SST | As above SST. BCN of Calcite veins is 30 degrees. | - | , | Cal | 1 | | W6 | mm sh bed | Fr | 30 | 0.34 | 100.00 | R7 | Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 2 | 0.34 | | | |
| RAV06-012C | | | | | | 282.78 | 282.12 | 2 282.78 | 0.66 | 282.68 | 283.34 | SST | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | As above SST, except for numerous micro fractures | | | | | | | | | | | | | |
| | | | | | | | | | | | | | and micro faults. 5% shale stringers with a BCN of 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | degrees, coal spars, hard SST, four (4cm thick) silty | | | | | | | | _ | | | | | _ |
| RAV06-012C | 98 | 2.90 | 2.90 | 100.00 | 282.78 | | 282.78 | 3 284.76 | 1.98 | 283.34 | 285.32 | SST | layers. | - | | Cal | 1 | | W6 | mm sh bed | | 10 | 2.28 | 92.00 | R7 | Excellent |
| RAV06-012C | | - | | | | 205.00 | 204.70 | 205.00 | 0.00 | 205.22 | 200 24 | CCT | Part of above Interval | | | | | | | | Fr | 90 | 0.33 | | | |
| RAV06-012C RAV06-012C | 99 | 2.49 | 2.49 | 100.00 | 285.68 | 285.08 | 285.68 | 285.68 285.80 | 0.92 0.12 | 285.32 286.24 | | SST | Part of above Interval | | | | | | | 1 | | | | | | |
| KAV00-012C | 99 | 2.49 | 2.49 | 100.00 | 200.00 | 1 | 200.00 | 205.00 | 0.12 | 200.24 | 200.30 | 331 | Roof Sample. Course to very course grained, | 1 | | | | | | 1 | | | | | | |
| RAV06-012C | | | | | | | 285.80 | 285.95 | 0.15 | 286.36 | 286 51 | SST | carboneous, coal spars, shale stringers. | _ | | Cal | 1 | 10226 | W6 | nm shale bed | ds | | | 100.00 | R7 | Excellent |
| 10110000120 | | | | | | | 200.00 | 200.00 | 0.10 | 200.00 | 200.01 | 001 | carbonicae, coar opare, chare carrigorer | | | Cui | | 10220 | **** | iiii dhale bec | 40 | + | | 100.00 | 187 | EXCONOR |
| | | | | | | | | | | | | | Black, semi-vitreous luster, sheared and defromed, but | t | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 285.95 | 286.58 | 0.63 | 286.51 | 287.14 | Coal | still solid. Bubbled and hissed. Calcite along fractures. | Py | Tr | Cal | 1 | 10227 | W6 | >1mm | Fr | 20 | 6.35 | 60.00 | R2 | Good |
| | | | | | | | | | | | | | Parting Sample, black, very fine grained, numerous | | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 286.58 | 3 286.65 | 0.07 | 287.14 | 287.21 | Carb. S | coal spars and beds. | - | | Cal | 1 | 10228 | W6 | >1mm | Fr | 1 | 14.28 | 0.00 | R6 | Good |
| | | | | | | | | | | | | | Black, vitreous luster on freshly exposed faces, solid, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | numerous microfractures, sheared to bits in places, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | bubbled and hissed vigorously, very thin laminated | _ | | | | | | | _ | | | | | |
| RAV06-012C | | | | | | | 286.65 | 5 287.63 | 0.98 | 287.21 | 288.19 | Coal | (>1mm), one 2cm thick SLT parting, | Py | 1.0 | Cal | 1 | 10229 | W6 | >1mm | Fr | ? | <25 | 0.00 | R2 | Good |
| RAV06-012C | | | | | | | 207.00 | 207.05 | 0.00 | 200.40 | 200.24 | Cool | Down of all averaged | As | 1.0 | | | 10000 | | | | | | | | |
| RAV06-012C RAV06-012C | | | | | | | _ | 287.65 287.93 | 0.02 0.28 | 288.19 288.21 | 288.21 | Coal | Part of above Interval Part of above Interval | | | | | 10229 10230 | | | | | | | | |
| KAV00-012C | | | | | | | 207.00 | 201.93 | 0.20 | 200.21 | 200.49 | Coal | Floor Sample. Brownish black, very fine grained, | | | | | 10230 | | | | + | | | | |
| RAV06-012C | | | | | | | 287.93 | 3 288.03 | 0.10 | 288.49 | 288.59 | Carb. M | | Py | Tr | Cal | Tr | 10231 | W6 | Massive | Fr | 5 | 6.25 | 70.00 | R6 | Excellent |
| RAV06-012C | | | | | | 288.17 | _ | | 0.14 | | 288.73 | Carb. M | · · · · · · · · · · · · · · · · · · · | ., | | | | .0201 | | Massire | | | 0.20 | 7 0.00 | | |
| RAV06-012C | 100 | 1.63 | 1.63 | 100.00 | 288.17 | | 288.17 | | 0.08 | | 288.81 | Carb. M | | | | | | | | | | | 1 | , | | |
| | | | | | | | | | | | | | Dark grey. Very fine grained, massive. BCN of clacite | | | | | | | | | | | | | |
| RAV06-012C | | | | | | 289.80 | 288.25 | 289.80 | 1.55 | 288.81 | 290.36 | SLT | veins is 30 degrees. | - | | Cal | Tr | | W6 | Massive | Fr | 20 | 1.29 | 100.00 | R6 | Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 1 | 1.94 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | Light grey, medium to very course grained, well sorted, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | massive, carboneous bands, coal spars, shale | | | | | | | | | | | | | |
| BAV(00 0400 | 101 | 2.04 | 2.04 | 100.00 | 200.00 | | 200.00 | 200.04 | 0.04 | 200.20 | 201 17 | CCT | stringers at 20 degrees BCN, BCN of calcite of 30 degrees BCN, numerous micro faults and fractures. | | | Cal | 1 | | MC | Mossius | 00 | 20 | 0.00 | 00.00 | D7 | Eveellent |
| RAV06-012C RAV06-012C | 101 | 2.84 | 2.84 | 100.00 | 289.80 | 202.64 | | 290.61 | 0.81 2.03 | 290.36 291.17 | | SST SST | Part of above Interval | 1 | | Cal | | | W6 | Massive | SS | 20 | 0.66 | 99.00 | K/ | Excellent |
| RAV06-012C | 102 | 2.90 | 2.90 | 100.00 | 292.64 | 292.04 | | 1 292.64 1 292.92 | | 293.20 | | SST | Part of above Interval | 1 | | | I I | | | | | | | | | |
| 1XXV00-012C | 102 | 2.90 | 2.90 | 100.00 | 232.04 | | 232.04 | + 232.32 | 0.20 | 233.20 | 233.40 | 331 | Light grey, medium to very course grained. Becoming | | | | | | | 1 | | | | | | |
| | | | | | | | | | | | | | courser towards the bottom, massive, numerous micro | | | | | | | | | | | | | |
| | | | | | | | | | | | | | faults and fractures, shale stringers, fractures filled with | | | | | | | | | | | | | |
| | | | | | | | | | | | | | calcite, calcite veins with a BCN that ranges between 0 | | | | | | | | | | | | | |
| RAV06-012C | | | | | | 295.54 | 292.92 | 2 295.54 | 2.62 | 293.48 | 296.10 | SST | to 45 degrees. | - | | Cal | 1 | | W6 | Massive | Fr | 20 | 0.69 | 98.00 | R7 | Excellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 30 | 0.34 | | | |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | Fr | 1 | 0.34 | | | |
| RAV06-012C | 103 | 2.90 | 2.90 | 100.00 | 295.54 | | | 1 295.58 | 0.04 | 296.10 | | SST | Part of above Interval | | | , | 1 | , | | | | | 1 | , | | |
| RAV06-012C | | | | | | | 295.58 | 3 295.83 | 0.25 | 296.14 | 296.39 | SST | Part of above Interval | 1 | | | | | | | | | | | | |
| | | | | | | | | | | | | | Large grey/white black, course very course grained, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | massive. BCN of calcite veins is 45 degrees, fossils | | | | | | | | | | | | | |
| DAV(00 0400 | | | | | | | 205.00 | 205.07 | 0.04 | 200.00 | 200 42 | 007 | being replaced by pyrite, coal spars, BCN of shale | Б. | - | 0-1 | | | 1440 | | | | | 100.00 | D-7 | Fuee Head |
| RAV06-012C RAV06-012C | | | | | | | | 3 295.87 7 297.85 | 0.04 | 296.39 296.43 | | SST SST | stringers are 20 degrees. Part of above Interval | Py | Tr | Cal | 1 | | W6 | | | + | | 100.00 | K/ | Excellent |
| KAVU6-012C | | - | | | 1 | | 295.87 | 297.85 | 1.98 | 290.43 | ∠98.41 | 551 | Dark black, very fine to medium grained, Alternating | 1 | | | | | | | | + | | | | |
| | | | | | | | | | | | | | layers of soft carboneous SLT and SLT. BCN of beds | | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 297 85 | 298.36 | 0.51 | 298.41 | 298.92 | Carb. S | · · | _ | | Cal | 1 | | W6 | 1mm to 2cm | Fr | 20 | 1.96 | 80.00 | R7 | Excellent |
| RAV06-012C | | | | | + | | | | 01 | | | 34.2.0 | | 1 | | | · | | | 10 2011 | Fr | 1 | 3.92 | 22.00 | | |
| | | i l | | | * | | | | | | | | | | | | | | | | | | • | | | |

| DH ID | Run # | CoreDrilled | Core Rec'd | Percent | Driller's | s Depth | Writte | en Loa | | Correct | ed | | | | | | | | | | Bed | Fracture | | Info | | | Core |
|--------------------------|---------|-------------|------------|-----------|-----------|---------|--------|------------------|--------|----------------------|--------|----------|------------|--|---------------|---------|---------------------------------------|-----|-----------|-----------|----------------|----------|----------|--------------|----------|----------|-----------|
| טו_וט | rtuii # | COTCETITICA | Ooic recu | Recovered | From | _ | FROM | 9 | Length | FROM | | ore Loss | LITH | Description | Sulphide Mine | erals % | Carbonate Minerals | 8 % | Sample ID | Weatherin | | | Dip/BCN | | RQD | Strength | |
| | | | | | | | | | | | | | | Light grey, course grained, massive, calcite in fractures | | | | | · | | | | | · | | | |
| RAV06-012C | | | | | | 298.44 | 298.36 | | | 298.92 2 | | | SST | toward the bottom of the run. | - | | Cal | Tr | | W6 | Massive | | | | 100.00 | R7 E | xcellent |
| RAV06-012C | 104 | 2.90 | 2.90 | 100.00 | 298.44 | 1 | 298.44 | 298.64 | 0.20 | 299.00 2 | 299.20 | | SST | Part of above Interval Light grey/white/black, course to very course grained, | ı | | | 1 | 1 | 1 | | l | | l | 1 1 | | |
| | | | | | | | | | | | | | | poorly sorted, massive. Pyrite replacement of fossils. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Thin coal beds and Carb. SLT layers through out. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Numerous fossils, uneven Carb. SLT bands near the | | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 200.04 | 200.02 | 0.40 | 299.20 2 | 200 20 | | SST | bottom of the run. BCN of calcite veins ranging between 0 to 45 degrees. | D. | 2.0 | Cal | 1 | | W6 | | Fr | 5 | 0.67 | 100.00 | R7 E | allant |
| RAV06-012C | | | | | | | 298.04 | 298.82 | 0.18 | 299.20 2 | 299.38 | | 551 | between 0 to 45 degrees. | Ру | 2.0 | Cai | - ' | | VVO | | Fr | 20 | 0.87 | 100.00 | K/ E | xcellent |
| RAV06-012C | | | | | | 301.34 | 298.82 | 301.34 | 2.52 | 299.38 3 | 801.90 | | SST | Part of above Interval | | | | | | | | | | 0.00 | | | |
| RAV06-012C | 105 | 2.90 | 2.90 | 100.00 | 301.34 | | 301.34 | 301.63 | 0.29 | 301.90 | 802.19 | | SST | Part of above Interval | 1 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Interbedded SST and carboneous shale. 55% SST & 40% shale. SST: light grey, course to very course | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | grained, numerous fossils, 5% coal beds, vitreous | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | sheen. Soft, thinly laminated, calcite veining (2cm | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | thick) in between beds, and along fractures. BCN of | | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 201.62 | 301.68 | 0.05 | 302.19 | 202 24 | 00 | ST/Carb. S | bedding between 20 to 25 degrees. RQD in box is 50%, core broke along numerous Slickenslides. | | | Cal | 2 | | W6 | mm to 30cr | Fr | 40 | 0.39 | 79.00 | R6 E | veellent |
| RAV06-012C | | | | | | | 301.03 | 301.00 | 0.05 | 302.19 | 002.24 | 30 | JI/Caib. | 50 %, core broke along numerous suckensides. | _ | | Cai | | | VVO | 111111 10 3001 | SS | 20 | 2.32 | 79.00 | NO E | xcellerit |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | Fr | 2 | 1.16 | | | |
| RAV06-012C | | | | | | | 301.68 | 304.21 | 2.53 | 302.24 | 304.77 | SS | ST/Carb. S | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Interbedded SLT & SH. BCN of bedding is 15 degrees. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 40% SLT & 50% Shale, 5% coal beds. Calcite along | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | fractures faces. SLT: light dark grey, fine grained to | | | | | | | | | | | | | |
| DAY/00 0400 | | | | | | 204.24 | 304.21 | 204.24 | 0.00 | 304.77 | 004.00 | | SLT/SH | medium grained. Shale: black soft, slightly vitreous sheen. Coal beds (1cm to 2cm thick) vitreous sheen | | | Cal | | | MC | 1 1 - 1 | F- | 40 | 0.05 | 74.00 | DC _ | waallaat |
| RAV06-012C RAV06-012C | | | | | | 304.24 | 304.21 | 304.24 | 0.03 | 304.77 | 804.80 | | SLI/SH | Sheen. Coal beds (10th to 20th thick) vitreous sheen | - | | Cal | 1 | | W6 | 1cm to 4cm | Fr Fr | 10 20 | 6.95 0.66 | 71.00 | R6 E | xcellent |
| RAV06-012C | 106 | 2.81 | 2.81 | 100.00 | 304.24 | | 304.24 | 304.68 | 0.44 | 304.80 3 | 805.24 | | SLT/SH | Part of above Interval | 1 | | | | ļ | Į. | | | | 0.00 | | | |
| RAV06-012C | | | | | | 307.05 | 304.68 | | | 305.24 | | | SLT/SH | Part of above Interval | | | | | | | | | | | | | |
| RAV06-012C RAV06-012C | 107 | 1.22 | 0.57 | 46.72 | 307.05 | | | 307.30 307.95 | 0.25 | 307.61 3 307.86 3 | | 0.65 | SLT/SH | Part of above Interval Rock Loss | | | T | | | ı | | | | l | | | |
| KAV06-012C | | | | | | | 307.30 | 307.95 | | 307.00 | 00.51 | 0.05 | | As above unit, but the core has been broken up and | | | | | | | | | | | | | |
| RAV06-012C | | | | | | 308.27 | 307.95 | 308.27 | 0.32 | 308.51 | 808.80 | | SLT/SH | rounded from having gone through the bit twice. | - | | Cal | Tr | | W6 | | Fr | ? | <25 | 0.00 | R6 Ve | ery Poor |
| RAV06-012C | 108 | 2.74 | 2.72 | 99.27 | 308.27 | _ | 308.27 | 308.29 | | 308.83 | 808.85 | 0.02 | ı | Rock Loss | ı | | 1 | , | ı | T. | | I | , | ľ | | | |
| | | | | | | | | | | | | | | 65% SH & 35% SST & 5% SST: BCN of all bedding is | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 10 degrees. Thinly interbedded SH, SST, SLT. SH: | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | black soft, massive, but with coal spars. SLT: dark grey | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | fine grained, hard, massive. SST: light/grey course to | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | very course, massive, with calcite ranging in between 0 to 15 degrees. First 8cm of core is slough from run | | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 308.29 | 310.56 | 2.27 | 308.85 | 311.12 | | SST/SH | 107. RQD in box is less then 50%. | - | | Cal | 1 | | W6 | 1mm to 2cm | SS | 5 | 4.05 | 85.00 | R6 | Good |
| RAV06-012C | | | | | | | 310.56 | 310.76 | 0.20 | 311.12 | 311.32 | | SST/SH | Part of above Interval | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 80% MST & 15% SLT & 5% SST. As above Unit. BCN | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | of beds ranges between 0 to 10 degrees. Coal spars | | | | | | | | | | | | | |
| RAV06-012C | | | | | | 311.01 | 310.76 | 311.01 | 0.25 | 311.32 | 311.57 | | MST/SS | | Ру | Tr | Cal | 1 | | W6 | 1mm to 2cm | Fr | 10 | 0.76 | 98.00 | R6 E | xcellent |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | | | Fr | 20 | 0.76 | | | |
| RAV06-012C RAV06-012C | | | | | | 1 | + | | | | | | | | | | | 1 | | | | Fr Fr | 45 1 | 0.38 1.15 | | | |
| RAV06-012C | 109 | 2.90 | 2.90 | 100.00 | 311.01 | 1 | 311.01 | 313.41 | 2.40 | 311.57 3 | 313.97 | | MST/SST | Part of above Interval | I | | I | 1 | I | I | | FI | ' | 1.15 | <u> </u> | | |
| RAV06-012C | | | | | | | | | | 313.97 | | | MST/SS | Roof Sample. Part of above Interval | | | | | 10232 | | | | | | | | |
| | | | | | | | | | | | | | | Black, semi- vitreous sheen, hard, but brittle. Slight | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | bubbling. First 16cm are in tact, the rest of the coal was broken up when being taken out of the shoe. On | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | the broken chunks, thin 0.5cm cleating, pyrite smears, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | and slickenslides. Evidence of shearing and | | | | | | | | | | | | | |
| RAV06-012C | | | | | | 313.91 | 313.51 | 313.91 | 0.40 | 314.07 | 314.47 | | Coal | deformation. Thin shale beds through out. | Ру | 1.0 | Cal | 1 | 10233 | W6 | mm to 0.50 | Fr | 1 | 2.50 | 40.00 | R2 | Good |
| | | | | | | | | | | | | | | First 10cm are broken and crushed, other wise the coal is solid. Black, semi-vitreous, thinly cleated in places, | | | | | | | | | | | | | |
| RAV06-012C | 110 | 2.90 | 2.90 | 100.00 | 313.91 | | 313.91 | 314.52 | 0.61 | 314.47 3 | 315.08 | | Coal | pyrite smears on cleats. | Ру | 1.5 | Cal | 1 | 10234 | W6 | >0.5cm | Fr | 30 | 4.91 | 70.00 | R2 | Good |
| | | | | | | | | | | | | | | Parting Sample. Blackish grey, very fine grained, | | | | | | | | | | | | | |
| DAV/06 0430 | | | | | | | 214 52 | 21/1 02 | 0.30 | 215.00 | 15 20 | | Carb St | numerous coal spars & beds, very carboneous. Lower | _ | | Cal | т. | 10235 | Me | Imm to 0.5 | Fr | 20 | 10.00 | 100.00 | D6 | Good |
| RAV06-012C | | | | | | | 314.52 | 314.82 | 0.30 | 315.08 3 | 10.38 | | Carb. SL | and upper contact at 20 degrees BCN. | - | | Cal | Tr | 10235 | W6 | mm to 0.50 | rr | 20 | 10.00 | 100.00 | R6 | 3000 |
| | | | | | | | | | | | | | | Black, vitreous sheen, solid. Thinly cleated in places, | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | numerous shale beds. Several 1cm thick SLT beds. | _ | | | | | , | | _ | | | | - | |
| RAV06-012C | | | | | | | 314.82 | 315.82 | 1.00 | 315.38 3 | 316.38 | | Coal | Last 20cm broken from while coming out of the shoe. | Ру | 3.0 | Cal | 2 | 10236 | W6 | cm to >1mr | Fr SS | 2 20 | 2.00 7.00 | 87.00 | R2 | Good |
| RAV06-012C | | | | | | | 315.82 | 316.17 | 0.35 | 316.38 3 | 316.73 | | Coal | Part of above Interval | | | | + | 10237 | | | - 33 | 20 | 7.00 | | | |
| RAV06-012C | | | | | | 316.81 | 316.17 | 316.81 | 0.64 | 316.73 | 317.37 | | Coal | Part of above Interval | | | | | 10237 | | | | | | | | |
| | | | - | | | | | | | | | | | | - | | · · · · · · · · · · · · · · · · · · · | | | | - | | | | | | _ |

| DH_ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller' | s Depth | Written Log | | Corrected | | | | | | | | | | Bed | Fracture | | Info | | Core |
|--------------------------|-----------|-------------|------------|-----------|----------|---------|------------------------------|--------|---------------|-----------|----------|---|-------------------|-----|--------------------|-------|----------------|------------|------------|----------|---------|------|--------|------------------|
| 511_15 | . turr ii | 00.02100 | 001011000 | Recovered | From | TO | FROM TO | Length | | Core Loss | LITH | Description | Sulphide Minerals | s % | Carbonate Minerals | % | Sample ID | Weathering | | | Dip/BCN | | RQD | Strength Quality |
| RAV06-012C | 111 | 2.90 | 2.90 | 100.00 | 316.81 | | 316.81 316.8 | Ū | 317.37 317.38 | | Coal | Part of above Interval | | | | | 10237 | | 5 | 71 - | | | | y and y |
| | | | | | | | | | | | | As above coal, uneven lower contact, first 8cm broken | | | | | | | | | | | | |
| | | | | | | | | | | | | and crushed. Three 1cm thick SLT beds. Bubbled and | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 316.82 317.0 | 9 0.27 | 317.38 317.65 | | Coal | hissed for 20 minutes. | Py | 1.0 | Cal | 1 | 10238 | W6 | >1mm | Fr | 45 | 3.70 | 48.00 | R2 Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 10 | 3.70 | | |
| | | | | | | | | | | | | Floor Sample. Blackish grey, very fine grained, | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 317.09 317.1 | 9 0.10 | 317.65 317.75 | | Carb. SL | ' | Py | Tr | Cal | 1 | 10239 | W6 | Massive | | | | 100.00 | R6 Good |
| | | | | | | | | | | | | 60% SLT & 40% SST. Numerous coal spars and shale | | | | | | | | | | | | |
| | | | | | | | | | | | = | stringers, roughly a BCN of 1 degree. Huge calcite vein | | _ | | | | | | _ | | | | |
| RAV06-012C | | | | | | | 317.19 318.2 | 7 1.08 | 317.75 318.83 | | SLT/SST | @ 75 degrees BCN. | Ру | Tr | Cal | 1 | | W6 | Massive | Fr | 45 | 0.92 | 100.00 | R7 Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 20 | 0.92 | | |
| | | | | | | | | | | | | Very black, numerous coal spars and beds, soft. At top | | | | | | | | | | | | |
| | | | | | | | | | | | | of run, there is a 7cm zone that is very carboneous. | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 318.27 318.9 | 0.63 | 318.83 319.46 | | Carb. SL | | _ | | Cal | Tr | | W6 | Massive | Fr | 20 | 2.72 | 80.00 | R6 Good |
| RAV06-012C | | | | | | | 010.27 | 0.00 | 010.00 010.10 | | Ouib. OL | East 20011 brokert, When taken out of the oneo. | | | Cui | - ' ' | | **** | Widdowo | Fr | 1 | 1.36 | 00.00 | 110 0000 |
| RAV06-012C | | | | | | 319.71 | 318.90 319.7 | 1 0.81 | 319.46 320.27 | | Carb. SL | Part of above Interval | | | | | | | | | | | | |
| | 1 | | 1 | 1 | | 1 | | | | 1 | | Light grey medium to course grained, massive, mottled | 1 | | | ı | | | | 1 | | ļ. | | |
| | | | | | | | | | | | | appearance, broken, fractured. The fractures at highier | | | | | | | | | | | | |
| | | | | | | | | | | | | angles (75 & 90) are filled with rock flower. Last 0.5m | | | | | | | | | | | | |
| RAV06-012C | 112 | 2.90 | 2.41 | 83.10 | 319.71 | | 319.71 321.7 | 6 2.05 | 320.27 322.32 | | SST | very broken and crushed. | - | | Cal | 2 | | W6 | Massive | Fr | 45 | 0.49 | | |
| | | | | | | | | | | | | | | | | | | | | Fr | 2 | 1.46 | 19.00 | R7 Poor |
| | | | | | | | | | | | | | | | | | | | | Fr | 75 | 0.49 | | |
| | | | | | | | | | | | | | | | | | | | | Fr | 90 | 0.98 | | |
| RAV06-012C | | | | | | | 321.76 322.2 | 5 | 322.32 322.81 | 0.49 | | Rock Loss | | | | | | | | | | | | |
| | | | | | | | | | | | | 80% SLT & 20%SST. SST rafts with in SLT. SLT: dark | | | | | | | | | | | | |
| | | | | | | | | | | | | grey brown fine grained, massive. SST: course | | | | | | | | | | | | |
| | | | | | | | | | | | a | grained, medium grey, massive. Last 20cm broken | | | | | | | | _ | | | | |
| RAV06-012C | 110 | 0.45 | 0.45 | 400.00 | 000.04 | | 322.25 322.6 | | 322.81 323.17 | | SLT | chunks of core. | - | | | | | W6 | Massive | Fr | ? | <25 | 53.00 | R6 Poor |
| RAV06-012C | 113 | 0.15 | 0.15 | 100.00 | 322.61 | 322.76 | 322.61 322.7 | 6 0.15 | 323.17 323.32 | | SLT | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | Blackish brown, very fine grained, massive, coal spars, | | | | | | | | | | | | |
| | | | | | | | | | | | | fossils, very soft, friable, recessive rock. Numerous micro fractures & micro faults, broken chunks of core | | | | | | | | | | | | |
| RAV06-012C | 114 | 1.22 | 1.22 | 100.00 | 322.76 | 323 08 | 322.76 323.9 | 8 1.22 | 323.32 324.54 | | Carb. SL | | | | | | | W6 | Massive | SS | 75 | 0.73 | 53.00 | R4 Poor |
| RAV06-012C | 114 | 1.22 | 1.22 | 100.00 | 322.70 | 323.90 | 322.70 323.8 | 0 1.22 | 323.32 324.34 | 1 | Caib. SL | with silckenslides on them. | 1 | | | l | | VVO | IVIASSIVE | Fr | 90 | 0.73 | 33.00 | K4 F001 |
| RAV06-012C | 115 | 1.68 | 1.68 | 100.00 | 323.98 | | 323.98 324.1 | 2 0.14 | 324.54 324.68 | 1 | Carb. SL | Part of above Interval | 1 | | | ļ | | | | | 30 | 0.70 | | |
| 10110000120 | 110 | 1.00 | 1.00 | 100.00 | 020.00 | | 020.00 021.1 | 0.11 | 021.01 021.00 | | Ouib. OL | As above, but broken up, moderately weathered, very | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 324.12 324.9 | 6 0.84 | 324.68 325.52 | | Carb. SL | | - | | Cal | 1 | | W4 | Massive | Fr | 5 | 5.98 | 80.00 | R3 Poor |
| RAV06-012C | | | | | | | 324.96 325.2 | | 325.52 325.85 | | Carb. SL | , , | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 325.29 325.3 | | 325.85 325.95 | | Carb. SL | Roof Sample. Part of above Interval | | | | | 10240 | | | | | | | |
| | | | | | | | | | | | | Black, friable, very fine grained, heavily | | | | | | | | | | | | |
| RAV06-012C | | | | | | 325.66 | 325.39 325.6 | 6 0.27 | 325.95 326.22 | | SHC | altered/weathered, 70% shale and 30% coal. | - | | | | 10241 | W2 | mm coal be | Fr | ? | <25 | 0.00 | R1 Poor |
| RAV06-012C | 116 | 2.74 | 2.74 | 100.00 | 325.66 | | 325.66 325.8 | 2 0.16 | 326.22 326.38 | | SHC | Part of above Interval | | | | | 10241 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 70% shale & 30% coal. Coal: extremely friable, very | | | | | | | | | | | | |
| | | | | | | | | | | | | recessive. The coal is very thinly bedded in the shale. | | | | | | | | | | | | |
| | | | | | | | | | | | | SH: greyish black, breaks into chunks covered with | | | | | | | | | | | | |
| | | | | | | | | | | | | slickenslides. As well numerous striations on the | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 325.82 326.8 | | 326.38 327.45 | | SHC | chunks. Lower contact is gradational. | - | | | | 10242 | W5 | mm coal be | | ? | <25 | 0.00 | R1 Good |
| RAV06-012C | | | | | | | 326.89 327.3 | | 327.45 327.90 | | SH | Black, massive, very fine grained, soft. As above SHC | | | | | 10243 | W5 | Massive | Fr | ? | <25 | 0.00 | R1 Good |
| RAV06-012C RAV06-012C | | | | | | | 327.34 327.8 | | | | SHC | Part of above Interval | | | | | 10244 | W5 | mm coal be | | ? | <25 | 0.00 | R1 Good |
| RAV06-012C | | | | | | | 327.82 327.8 | | | | SHC | As above SH | | | | | 10244 | W5 | mm coal be | e Fr | ? | <25 | 0.00 | R1 Good |
| RAV06-012C | | | | 1 | | 328 40 | 327.88 328.2 328.28 328.4 | | | | SH | As above SHC | | + | + | | 10245 10246 | W5 | mm coal be | e Fr | ? | <25 | 0.00 | R1 Good |
| RAV06-012C | 117 | 2.74 | 2.74 | 100.00 | 328.40 | | 328.40 328.7 | | | | SHC | Part of above Interval | I | 1 | | | 10246 | CVV | mm coar be | 4 FI | · · | <20 | 0.00 | 13.1 6000 |
| 101000-0120 | | 2.14 | 2.14 | 100.00 | 320.40 | | 320.40 | 0.32 | 320.30 323.20 | | 3110 | Floor Sample. Light grey, massive, course to very | | | | | 10240 | | | | | | | |
| | | | | | | | | | | | | course grained, solid hard rock, uneven but abrupt | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 328.72 328.8 | 0.10 | 329.28 329.38 | | SST | lower contact. | _ | | Cal | 1 | 10247 | W6 | Massive | Fr | 5 | 1.96 | 100.00 | R7 Good |
| RAV06-012C | | | | | | | 328.82 329.2 | | | | SST | Part of above Interval | | | Odi | ' | 10247 | **** | Massive | | J | 1.50 | 100.00 | 117 0000 |
| 1011000120 | | | | | | | 020.02 020.2 | .0 0 | 020.00 020.10 | | | Black, massive, soft, carboneous, friable, lower contact | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 329.23 329.5 | 0.27 | 329.79 330.06 | | SH | sharp at 50 degrees BCN. | - | | | | | W6 | Massive | | | | 100.00 | R7 Good |
| | | | | | | | | | | | 1 | Black/grey, fine grained weathered very soft in places, | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 329.50 330.8 | 6 1.36 | 330.06 331.42 | | Carb. SL | | - | | Cal | 1 | | W4 | Massive | Fr | 45 | 1.47 | 85.00 | R6 to R2 Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 2 | 2.20 | | |
| | | | | | | | | | | | | Upper contact uneven and gradational, black, very fine | | | | | | | | | | | | |
| | | | | | | | | | | | | grained, massive, numerous striations on the core, The | | | | | | | | | | | | |
| | | | | | | | | | | | | broken core reveals polished striations and | | | | | | | | | | | | |
| | | | | 1 | | | | | | | | slickenslides. Coal spars and calcite vein all over the | | | | | | | | | | | | |
| RAV06-012C | | | | | | 331.14 | 330.86 331.1 | 4 0.28 | 331.42 331.70 | | SH | shale. | - | | Cal | Tr | | W4 | Massive | | | | 100.00 | R4 Good |
| | | | | | | | | | | | | First 0.5m weathered to clay in places. Striations all | | | | | | | | | | | | |
| | | | | | | | | | | | | over the broken core. Numerous coal spars and fossils. | | | | | | | | | | | | |
| RAV06-012C | | 1.37 | 1.53 | 111.68 | | 332.51 | 331.14 332.6 | | 331.70 333.23 | | SLT | BCN of calcite veins @ 5 degrees | - | | Cal | 1 | | W4 | Massive | Fr | 20 | 2.23 | 66.00 | R6 to R2 Good |
| RAV06-012C | 119 | 2.29 | 2.29 | 100.00 | 332.51 | | 332.67 332.9 | 3 0.26 | 333.23 333.49 | | SLT | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

| DH ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | s Denth | Written L | OC | | Corrected | | | | | | | | | Bed | Fractu | Έ | Info | | | Core |
|--------------------------|-------|-------------|------------|-----------|-----------|---------|----------------------|--------|--------------|--------------------------------|-----------|-----------------|---|------------------|-----|--------------------|---|---------------------|-----------|----------|----------|--------------|--------|----------|----------|
| ט⊓_וט | Kull# | CoreDillied | Cole Recu | Recovered | From | TO | FROM | - 5 | Length | | Core Loss | LITH | Description | Sulphide Mineral | s % | Carbonate Minerals | % | Sample ID Weatherin | Spacing | | | | l RQD | | Quality |
| RAV06-012C | | | | | | | 332.93 3 | | 0.51 | 333.49 334.00 | | SLT | As above SLT. BCN of calcite veins is 0 degrees. | | | Cal | 1 | W6 | Massive | | 1 | | 100.00 | _ j | Good |
| RAV06-012C | | | | | | | 333.44 3 | 333.72 | 0.28 | 334.00 334.28 | | SLT | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | Grey/black/white, medium to course grained, poorly | | | | | | | | | | | | |
| RAV06-012C RAV06-012C | | | | | | | 333.72 3 | 334.16 | 0.44 | 334.28 334.72 | | SST | sorted, lower contact is sharp @ 0 BCN. | - | | Cal | 1 | W6 | Massive | SS Fr | 30 20 | 2.27 | 70.00 | R7 (| Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 1 | 2.27 | | | |
| | | | | | | | | | | | | | A real dog's breakfast, SST & SLT unevenly | | | | | | | | | | | | |
| | | | | | | | | | | | | | interbedded. 60% SLT & 40% SST. SLT: brown and | | | | | | | | | | | | |
| RAV06-012C | | | | | | 224 90 | 334.16 3 | 224.06 | 0.80 | 334.72 335.52 | | SLT/SST | black, very fine grained, massive. SST: brown course grained massive. Soft for the last 30cm | _ | | Cal | 1 | W4 | Massive | Fr | 75 | 1.16 | 50.00 | R7 to R2 | Fair |
| RAV06-012C | | | | | | 334.00 | 334.10 | 554.96 | 0.60 | 334.72 335.52 | | 3L1/331 | grained massive. Soit for the last Social | - | | Cai | I | VV4 | IVIASSIVE | Fr | 20 | | 50.00 | K/ IU KZ | ган |
| RAV06-012C | 120 | 2.90 | 2.90 | 100.00 | 334.80 | | 334.96 3 | 335.02 | 0.06 | 335.52 335.58 | | SLT/SST | Part of above Interval | | | | ļ | | | | 20 | 2.00 | | | |
| | | | | | | | | | | | | | Dark to medium grey fine grained, massive, calcite | | | | | | | | | | | | |
| DAV/00 0400 | | | | | | | 005.00 | 205.54 | 0.50 | 005 50 000 40 | | 01.7 | veins at no particular angle. Lower contact uneven @ 5 | | | 0-1 | | 14/0 | | | | | 400.00 | D0 t- D0 | 0 |
| RAV06-012C | | | | | | | 335.02 3 | 335.54 | 0.52 | 335.58 336.10 | | SLT | degrees BCN. Grey/white/ black/brown medium to very course, | - | | Cal | 1 | W6 | Massive | | | | 100.00 | R6 to R2 | 000d |
| | | | | | | | | | | | | | massive, erratic shale stringers, rip up clasts, coal | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 335.54 3 | 335.97 | 0.43 | 336.10 336.53 | | SST | spars, shale rafts, very soft in places. | - | | Cal | 1 | W5 | Massive | Fr | 2 | 4.65 | 49.00 | R7 to R2 | Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 45 | 2.32 | | | |
| | | | | | | | | | | | | | As above SLT. Last 11cm is made up broken disks. Top 12cm very soft. Upper contact sharp at 20 degrees | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 335.97 3 | 336.42 | 0.45 | 336.53 336.98 | | SLT | BCN. | _ | | Cal | 1 | W5 | Massive | Fr | 20 | 1.05 | 80.00 | R6 to R2 | Good |
| RAV06-012C | | | | | | | 300.01 | | 00 | 000.00 | | 02. | 20111 | | | | | | maco.re | Fr | 2 | 1.05 | 00.00 | | 2000 |
| RAV06-012C | | | | | | 337.70 | 336.42 3 | | 1.44 | 336.98 338.42 | | SLT | Part of above Interval | | | | | | | | | | | | |
| RAV06-012C | 121 | 2.90 | 2.90 | 100.00 | 337.70 | ı | 337.86 3 | 337.87 | 0.01 | 338.42 338.43 | 1 | SLT | Part of above Interval | | 1 | | | | 1 | 1 | 1 | | | | |
| | | | | | | | | | | | | | Light grey/white/black, medium to very course grained. Coursing up towards the bottom of the run. Coal spars | | | | | | | | | | | | |
| | | | | | | | | | | | | | and beds, pyrite replacement of fossils. BCN of coal | | | | | | | | | | | | |
| | | | | | | | | | | | | | beds is 30 degrees. BCN of calcite veins is 30 | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 337.87 3 | 338.31 | 0.44 | 338.43 338.87 | | SST | degrees. Poorly sorted at the bottom. | Py | 1.5 | Cal | 1 | W6 | Massive | | 1 | 2.27 | 100.00 | R7 (| Good |
| RAV06-012C RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr Fr | 30 90 | 4.55 2.27 | | | |
| KAV06-012C | | | | | | | | | | | | | Light grey/white/black. Angular clasts of Coal, SST, | | | | | | | Г | 90 | 2.21 | | | |
| | | | | | | | | | | | | | and SLT in a course grained matrix. Poory sorted, | | | | | | | | | | | | |
| RAV06-012C | | | | | | | | 339.24 | 0.93 | 338.87 339.80 | | Congl | wispy coal stringers at 25 degrees BCN. | Py | 1.5 | | | W6 | | | | | 100.00 | R7 (| Good |
| RAV06-012C | | | | | | 340.60 | 339.24 3 | 340.76 | 1.52 | 339.80 341.32 | | Congl | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | Greyish blue white. Medium to pebble sized clasts. The angular clast are made up if SST, quartize, calcite, | | | | | | | | | | | | |
| | | | | | | | | | | | | | volcanic material. Shale stringers, coal spars, and | | | | | | | | | | | | |
| RAV06-012C | 122 | 1.98 | 1.87 | 94.44 | 340.60 | | 340.76 3 | 341.85 | 1.09 | 341.32 342.41 | | Congl | micro fracturing. | - | | Cal | 1 | W6 | | Fr | 30 | 1.83 | 94.00 | R7 (| Good |
| RAV06-012C | | | | | | | | | | | | | | | | | | | | Fr | 0 | 1.83 | | | |
| RAV06-012C | | | | | | | | | | | | | Medium grey, very fine grained, massive. Last 24cm | | | | | | | Fr | 65 | 1.83 | | | |
| | | | | | | | | | | | | | are broken and crushed, with rock flower. Pyrite | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 341.85 | 342.24 | 0.39 | 342.41 342.80 | | SLT | smears on the core. | Ру | 1.0 | | | W6 | | Fr | 30 | 1.06 | 60.00 | R6 | Fair |
| RAV06-012C | | | | | | 342.58 | | 342.74 | 0.50 | 342.80 343.30 | | SLT | Part of above Interval | | | | | | | | | | | | |
| RAV06-012C RAV06-012C | 123 | 2.13 | 2.13 | 100.00 | 342.58 | 1 | 342.74 3 342.79 3 | | 0.05 0.28 | 343.30 343.35 343.35 343.63 | T | SLT Carb. SL | Part of above Interval Blackish grey, very fine grained, coal spars | | 1 1 | | ı | W6 | Massive | 1 | | 1 | 100.00 | R6 (| Good |
| KAV06-012C | | | | | | | 342.79 3 | 543.07 | 0.20 | 343.33 343.03 | | Carb. SL | blackish grey, very line grained, coar spars | | | | | VVO | IVIASSIVE | | | | 100.00 | NO V | 300u |
| | | | | | | | | | | | | | Whitish grey, 70% course SST matrix & 30% clasts. | | | | | | | | | | | | |
| | | | | | | | | | | | | | Angular clast are made up of Volcanic material, | | | | | | | | | | | | |
| | | | | | | | | | | | | | quartize, coal, SLT, and SH. BCN of calcite is 30 | | | | | | | | | | | | |
| RAV06-012C | | | | | | 344 71 | 343.07 3 | 844 87 | 1.80 | 343.63 345.43 | | Congl | degrees. Two SLT layers that are very carboneous, these layers have a BCN of 35 degrees. | _ | | Cal | 1 | W6 | | Fr | 30 | 0.53 | 100.00 | R7 Ex | xcellent |
| RAV06-012C | | | | | | 044.71 | 343.07 | 544.07 | 1.00 | 040.00 040.40 | | Congr | those layers have a Bort of ce augress. | | | Oai | | **** | | Fr | 20 | | | 107 127 | CONCIN |
| | 124 | 2.90 | 2.90 | 100.00 | 344.71 | | 344.87 3 | 344.95 | 0.08 | 345.43 345.51 | | Congl | Part of above Interval | | | | | | | | | | | | |
| | | | | | | | | | | | | | Oracel Mate Ol Tiles Co. / Liv. 71 | | | | | | | | | | | | |
| | | | | | | | | | | | | | Congl. With SLT layers. Grey/white/black 80% course grained SST. & 20% Clasts. Clasts: range in size from | | | | | | | | | | | | |
| | | | | | | | | | | | | | grain to pebble. The clast are made up of volcanic | | | | | | | | | | | | |
| | | | | | | | | | | | | | rock, SST, SLT and quartize. Numerous coal spars and | | | | | | | | | | | | |
| | | | | | | | | | | | | | beds. The coal spars are concentrated around the SLT | | | | | | | | | | | | |
| RAV06-012C | | | | | | 247.04 | 244.05 | 247 77 | 2 02 | 245 54 240 00 | | Const | layers. There are two 10cm thick SLT layers in the | D., | 1.0 | Cal | 1 | 14/0 | Macain | Fr | 1 | 2.40 | 9E 00 | D7 F. | voollo |
| RAV06-012C | | | | + | | 347.01 | 344.95 3 | 1.11 | 2.82 | 345.51 348.33 | | Congl | congl. Pyrite smears all over the core. | Ру | 1.0 | Gai | 1 | W6 | Massive | Fr | 30 | 2.13 1.06 | | R7 Ex | cenent |
| RAV06-012C | 125 | 2.90 | 2.94 | 101.38 | 347.61 | 1 | 347.77 3 | 350.64 | 2.87 | 348.33 351.20 | 1 | Congl | As above congl., with coal beds at 40 degrees BCN | Ру | 1.0 | Cal | 1 | W6 | | Fr | 4 | 1.31 | | R7 E> | cellent |
| RAV06-012C | | | | | | | | | | | | | | • | | | | | | Fr | 60 | 0.32 | | | |
| RAV06-012C | 100 | 0.00 | 0.00 | 100.00 | 250.54 | 350.51 | 350.64 3 | | | 351.20 351.27 | | Congl | Part of above Interval | | | | | | | | | | | | |
| RAV06-012C | 126 | 2.90 | 2.90 | 100.00 | 350.51 | | 350.71 3 | 350.82 | 0.11 | 351.27 351.38 | 1 | Congl | Part of above Interval As above Congl, with the SLT layers having a BCN of | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 350.82 3 | 353.48 | 2.66 | 351.38 354.04 | | Congl | 40 degrees. | Py | Tr | Cal | 2 | W6 | | Fr | 1 | 1.43 | 95.00 | R7 Ex | xcellent |
| RAV06-012C | | | | | | | | | | | | 9 | | | | | | | | Fr | 40 | | | | |
| RAV06-012C | | | | | | 353.41 | 353.48 3 | 353.61 | 0.13 | 354.04 354.17 | | Congl | Part of above Interval | | | | | | | | | | | | |

| 211.12 | | | | | | | | | | | | | | | | | | | | | - | | | | | |
|------------|------|-------------|------------|-----------|-----------|-----------|--------|--------|--------|--------|--------|-----------|-------------|---|-------------------|-----|---------------------------------------|----------|--------------|------------|----------|---------|--------|--------|----------|-----------|
| DH_ID | Run# | CoreDrilled | Core Rec'd | Percent | Driller's | | | en Log | | | ected | | | | | | | | | Bed | Fracture | | Info | | | Core |
| | | | | Recovered | From | TO | FROM | TO | Length | FROM | TO | Core Loss | LITH | Description | Sulphide Minerals | % | Carbonate Minerals % | Sample I | D Weathering | Spacing | Type | Dip/BCN | Freq/M | RQD | Strength | Quality |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Moderately well interbedded SLT/SST. 70% SLT & | | | | | | | | | | | | |
| | | | | | | | | | | | | | | 30% SST. SLT medium grey, massive. SST: light grey, | | | | | | | | | | | | |
| | | | | | | | | | | | | | | course to very course grained, massive. Over the | | | | | | | | | | | | |
| | | | | | | | | | | | | | | entire interval shale stringers, and pyrite smears can | | | | | | | | | | | | |
| RAV06-012C | 127 | 2.59 | 2.59 | 100.00 | 353.41 | | 353.61 | 354.57 | 0.96 | 354.17 | 355.13 | | SST/SLT | be found. BCN of Shale stringers at 20 degrees. | Py | 1.0 | Cal T | r | W6 | mm to 10cr | Fr | 20 | 2.09 | 87.00 | R7 | Good |
| RAV06-012C | | | | | | | 354.57 | 354.71 | 0.14 | 355.13 | 355.27 | | Congl | As above congl. | Py | Tr | Cal 1 | | W6 | | | | | 100.00 | R6 | Good |
| | | | | | | | | | | | | | | Brown, fine grained, numerous coal spars, shale | ŕ | | | | | | | | | | | |
| RAV06-012C | | | | | | | 354.71 | 354.83 | 0.12 | 355.27 | 355.39 | | SLT | stringers. | | | | | W6 | | Fr | 5 | 8.34 | 0.00 | R6 | Good |
| RAV06-012C | | | | | | 356.00 | 354.83 | 356.20 | 1.37 | 355.39 | 356.76 | | Congl | As above congl. | Py | 1.0 | Cal 1 | | W6 | | Fr | 20 | 0.68 | 100.00 | | Excellent |
| RAV06-012C | | | | | | | | | | | | | | | ŕ | | | | | | Fr | 5 | 1.36 | | | |
| RAV06-012C | 128 | 2.90 | 2.83 | 97.59 | 356.00 | ļ | 356.20 | 356.29 | 0.09 | 356.76 | 356.85 | | Congl | Part of above Interval | , | | · | , | , | , | ļ | | | ' | | |
| RAV06-012C | | | | | | | 356.29 | 356.36 | | 356.85 | | 0.07 | | Rock Loss | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | As above congl, except large cobble sized green | | | | | | | | | | | | |
| | | | | | | | | | | | | | | chunks of volcanic rock in the matrix. As well calcite | | | | | | | | | | | | |
| | | | | | | | | | | | | | | veining at 90 degrees BCN, this veining runs the length | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 356.36 | 357.65 | 1.29 | 356.92 | 358.21 | | Conal | of the core. Uneven lower contact at 20 degrees BCN. | - | | Cal 1 | | W6 | | Fr | 60 | 0.78 | 100.00 | R7 | Excellent |
| | | | | | | | | | | | | | | Grey/black, very fine grained, massive, BCN of shale | | | | | | | | | | | | |
| | | | | | | | | | | | | | | stringers is 50 degrees. Numerous coal spars, very | | | | | | | | | | | | |
| RAV06-012C | | | | | | 358.90 | 357.65 | 359.10 | 1.45 | 358.21 | 359.66 | | Carb. SLT | | - | | Cal 1 | | W6 | | Fr | 5 | 0.69 | 100.00 | R6 | Good |
| RAV06-012C | | | | | | | | | | | | | | 33000000 | | | | | | | Fr | 20 | 0.69 | | | |
| RAV06-012C | 129 | 2.44 | 2.41 | 98.77 | 358.90 | 1 | 359.10 | 359.13 | | 359.66 | 359.69 | 0.03 | 1 | Rock Loss | , | | · · · · · · · · · · · · · · · · · · · | | 1 | Ţ | 1 | | | | | |
| | | | | | | | | | | | | | | Green/black/grey. A fine grained volcanic matrix with | | | | | | | | | | | | |
| | | | | | | | | | | | | | | chunks of volcanic and sedimentary rocks in it. All | | | | | | | | | | | | |
| | | | | | | | | | | | | | | clasts are angular and range in size between pebble to | | | | | | | | | | | | |
| RAV06-012C | | | | | | | 359.13 | 359.33 | 0.20 | 359.69 | 359.89 | V | olc. Brrece | | - | | Cal 4 | | W6 | | Fr | 1 | 1.25 | 100.00 | R7 | Excellent |
| RAV06-012C | | | | | | 361.34 | 359.33 | 361.54 | 2.21 | 359.89 | | | olc. Brrece | | | | | | 1.0 | | | · | 0 | | | |
| | | | | 1 | | 30.101 | 555.56 | 30.101 | | 555.50 | 3020 | • | 2.3. 200 | TD or EOH | | | | | | | | | | | | |
| | | | | | | ,,,,,,,,, | 111110 | | | | | | 3. 200 | | | | | | | | | | | | | |