831054

# C.R.A. EXPLORATION PTY. LIMITED
## DRILL CORE LOG

SHEET No. 1 053

TENEMENT NAME CONAH No.

PLAN – MAP REFERENCE

CO-ORDINATES 5362560 N 360310 E AZIMUTH 327° TRUE (315° MAG) DRILLERS D.K. PARRY COMMENCED 13-8-81 DEPTH 200.0 m HOLE No. CD81DC11

RL COLLAR INCLINATION -45° DRILL TYPE BOYLES 37 COMPLETED 27-8-81 CASING LEFT DPO No(s) 30163-165

| DEPTH From (M) | DEPTH To(M) | Core Rec. (M) | Core Size | Graphic Log | CORE DESCRIPTION | SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization | Sample No. | From (M) | To (M) | Rec (M) | ASSAY VALUES (Analysed by ANALABS) Sn | W | Cu | Pb | Zn | Ag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 9.0 | | | | TRICONE | | | | | | | | | | | |
| 9.0 | 10.0 | | NQ | | QUARTZITE | | 974062 | 9.0 | 12.5 | 1.2 | 28 | | 190 | 375 | 10 | 12.0 |
| 10.0 | 12.5 | | | | GREY SHALE | | 063 | 12.5 | 14.5 | 1.0 | 23 | - | 220 | 465 | 10 | 8.5 |
| 12.5 | 21.5 | | | | BLACK SHALE (Subordinate grey shale) | Moderate amount of fine bedded or disseminated pyrite | 064 | 14.5 | 16.0 | 0.8 | 368 | - | 485 | 525 | 10 | 6.5 |
| | | | | | | | 065 | 16.0 | 18.0 | 0.8 | 32 | - | 45 | 760 | 15 | 6.5 |
| 21.5 | 30.8 | | | | GREY SHALE | Minor pyrite. Quartz-pyrite veins below 17m. | 066 | 18.0 | 19.5 | 0.8 | 20 | - | 25 | 415 | 35 | 7.0 |
| | | | | | | | 067 | 19.5 | 21.5 | 1.3 | 104 | - | 20 | 1500 | 30 | 10.0 |
| 30.8 | 32.3 | | | | QUARTZITE (Subordinate grey shale) | Quartz veins | G 068 | 21.5 | 25.5 | 2.9 | 13 | - | 25 | 830 | 135 | 5.0 |
| 32.3 | 60.1 | | | | GREY SHALE | | G 069 | 25.5 | 32.3 | 3.8 | 13 | 21 | 50 | 180 | 115 | 2.0 |
| 60.1 | 75.5 | | | | VOLCANICS | Coarse pyroclastics | G 070 | 32.3 | 39.0 | 3.1 | 4 | 22 | 50 | 35 | 170 | 0.5 |
| | | | | | | | G 071 | 37.0 | 42.0 | 3.0 | - | 10 | 35 | 5 | 105 | 1.0 |
| | | | | | | | G 072 | 42.0 | 45.0 | 3.0 | - | - | 35 | 5 | 100 | - |
| | | | | | | | G 073 | 45.0 | 48.0 | 3.0 | - | - | 35 | 15 | 115 | 0.5 |
| | | | | | | | G 074 | 48.0 | 51.0 | 2.5 | - | - | 25 | 15 | 105 | 0.5 |
| | | | | | | | G 075 | 51.0 | 54.0 | 2.9 | 5 | 20 | 55 | 15 | 90 | - |
| | | | | | | | G 076 | 54.0 | 60.1 | 3.8 | - | - | 30 | 15 | 80 | - |
| | | | | | | | G 077 | 60.1 | 69.0 | 3.9 | - | 13 | 70 | 5 | 145 | 0.5 |
| | | | | | | | G 078 | 69.0 | 72.0 | 3.0 | - | - | 60 | 50 | 110 | 0.5 |
| | | | | | | | G 079 | 72.0 | 75.5 | 2.8 | - | 14 | 65 | 25 | 185 | 0.5 |
| 75.5 | 87.3 | | | | GREY SHALES | Abundant vein quartz 82-85m | G 080 | 75.5 | 82.0 | 2.0 | - | 8 | 40 | 35 | 90 | - |
| | | | | | | | G 081 | 82.0 | 87.3 | 4.0 | - | 12 | 80 | 40 | 110 | - |
| 87.3 | 93.7 | | | | QUARTZITE | Abundant quartz + siderite veining | G 082 | 87.3 | 93.7 | 5.3 | 5 | 6 | 30 | 105 | 125 | 0.5 |
| | | | | | | | G 083 | 93.7 | 97.4 | 3.7 | 8 | 9 | 30 | 220 | 180 | 0.5 |
| 93.7 | 108.0 | | | | GREY SHALE | Minor quartz, siderite veins | G 084 | 97.4 | 100.5 | 3.1 | - | 4 | 35 | 85 | 140 | 0.5 |
| | | | | | | | G 085 | 100.5 | 103.5 | 3.0 | - | 6 | 25 | 90 | 105 | 0.5 |
| | | | | | | | G 086 | 103.5 | 106.5 | 2.4 | 6 | 5 | 30 | 95 | 75 | 2.5 |
| | | | | | | | G 087 | 106.5 | 108.0 | 1.5 | 198 | 12 | 30 | 45 | 50 | 4.0 |
| 108.0 | 109.0 | | | | BLACK SHALE | Quartz veins | 088 | 108.0 | 109.0 | 1.0 | 16 | - | 30 | 255 | 65 | 4.0 |
| 109.0 | 112.5 | | | | GREY SHALE | Quartz, siderite veins. Some pyrite | G 089 | 109.0 | 112.5 | 3.5 | 12 | 9 | 35 | 65 | 60 | 4.0 |
| | | | | | | | 090 | 112.5 | 113.5 | 1.0 | 31 | - | 25 | 100 | 35 | 7.5 |

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C.R.A. EXPLORATION PTY. LIMITED

# DRILL CORE LOG

SHEET No. 2 of 5

TENEMENT NAME..... No. .....

PLAN – MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DDH1 DC 11

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s).....

| DEPTH From (M) | DEPTH To(M) | Core Rec. (M) | Core Size | Graphic Log | CORE DESCRIPTION | SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization | Sample No. | From (M) | To (M) | Rec (M) | ASSAY VALUES (Analysed by.....) Sn | W | Cu | Pb | Zn | Ag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 112.5 | 113.5 | | | | BLACK SHALE (Subordinate qtz) | Some pyrite G | 974091 | 113.5 | 118.5 | 4.2 | 18 | 8 | 40 | 25 | 70 | 2.0 |
| 113.5 | 128.8 | | | | GREY SHALE | Abundant siderite vein | G 092 | 118.5 | 121.5 | 3.0 | 23 | 5 | 95 | 30 | 110 | 2.0 |
| | | | | | | material, esp. 113.5 – 116.5 m | G 093 | 121.5 | 124.5 | 3.0 | 15 | 4 | 25 | 65 | 65 | 1.0 |
| | | | | | | Some quartz. | G 094 | 124.5 | 127.5 | 3.0 | 8 | 7 | 45 | 185 | 90 | 1.5 |
| | | | | | | | 095 | 127.5 | 128.9 | 1.4 | 14 | - | 35 | 115 | 60 | 2.0 |
| | | | | | | | 096 | 128.9 | 130.5 | 1.6 | 26 | - | 30 | 265 | 40 | 2.0 |
| 128.8 | 131.5 | | | | BLACK SHALE (Subordinate qtz) | Abundant quartz, minor | 097 | 130.5 | 131.5 | 1.0 | 49 | - | 35 | 215 | 115 | 2.5 |
| | | | | | | siderite veins. Some pyrite | G 098 | 131.5 | 133.5 | 1.8 | 6 | 10 | 35 | 80 | 35 | 2.5 |
| 131.5 | 201.0 | | | | GREY SHALE | Quartz, minor siderite vein | G 099 | 133.5 | 136.5 | 3.0 | 10 | 11 | 50 | 75 | 85 | 2.5 |
| | | | | | | | G 100 | 136.5 | 139.5 | 3.0 | - | 23 | 75 | 40 | 85 | - |
| | | | | | | | G 101 | 139.5 | 142.5 | 3.0 | 31 | 16 | 55 | 55 | 75 | 0.5 |
| | | | | | NOTE Core intersection angle very variable | | G 102 | 142.5 | 145.5 | 3.0 | 17 | 9 | 40 | 85 | 65 | - |
| | | | | | down to approx 150 m. Except for bedding | | G 103 | 145.5 | 148.5 | 3.0 | - | 11 | 45 | 60 | 95 | - |
| | | | | | approx 70° to core axis. | | G 104 | 148.5 | 151.5 | 3.0 | 18 | 14 | 75 | 55 | 70 | 1.0 |
| | | | | | | | G 105 | 151.5 | 154.5 | 3.0 | 14 | - | 50 | 95 | 55 | 0.5 |
| | | | | | Survey: | | G 106 | 154.5 | 157.5 | 3.0 | - | 9 | 45 | 85 | 90 | - |
| | | | | | Depth Azimuth Inclination | | G 107 | 157.5 | 160.5 | 3.0 | - | - | 50 | 190 | 620 | 0.5 |
| | | | | | 50 | | G 108 | 160.5 | 163.5 | 3.0 | 5 | 1 | 55 | 85 | 180 | - |
| | | | | | 100 | | G 109 | 163.5 | 166.5 | 3.0 | 6 | 9 | 50 | 50 | 85 | - |
| | | | | | 150 320° MAG 40° | | G 110 | 166.5 | 169.5 | 3.0 | 21 | 8 | 45 | 40 | 145 | - |
| | | | | | 200 324° MAG 34° | | G 111 | 169.5 | 172.5 | 3.0 | 26 | - | 40 | 40 | 55 | 0.5 |
| | | | | | | | G 112 | 172.5 | 175.5 | 3.0 | 225 | 9 | 85 | 45 | 90 | 0.5 |
| | | | | | | | G 113 | 175.5 | 178.5 | 3.0 | 10 | - | 35 | 30 | 60 | 0.5 |
| | | | | | | | G 114 | 178.5 | 181.5 | 3.0 | 10 | 10 | 50 | 35 | 65 | 0.5 |
| | | | | | | | G 115 | 181.5 | 184.5 | 3.0 | - | - | 55 | 110 | 520 | 0.5 |
| | | | | | | | G 116 | 184.5 | 187.5 | 3.0 | 6 | 4 | 85 | 45 | 175 | - |
| | | | | | | | G 117 | 187.5 | 190.5 | 3.0 | - | 12 | 35 | 60 | 70 | - |
| | | | | | | | G 118 | 190.5 | 193.5 | 3.0 | 8 | 11 | 75 | 100 | 130 | 0.5 |
| | | | | | | | G 119 | 193.5 | 196.5 | 3.0 | - | 11 | 50 | 50 | 90 | - |
| | | | | | | | G 120 | 196.5 | 200.0 | 3.0 | - | 11 | 45 | 20 | 60 | - |