Contractor _____ Coordinates _____ Project _____ Hole No. R88-471

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 6

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

# DRILL CUTTING LOG

| DISTANCE (feet) | GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) | TOTAL SULFIDES (vol %) | ROCK CODE | ORE CODE | DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet) | ELEVATION | ROCK TYPE | GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE) | MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement) | TYPE | ASSAY Au | ASSAY Ag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 10 | 1 | 175-180 | | PC | | (175 - 190) 3-4% $FeS_2$ | | | |
| | | | | | | | | | (190-195) 4-6% $FeS_2$ | | | |
| | | | | | 195-200 | | | | (195-200) 3-4% $FeS_2$ | | | |
| | | | | | | | | | (200-305) 1-2% $FeS_2$ | | | |
| | | | | | 220-225 | | | | | | | |
| | | | | | | | | (230-240) 3-5% PC chert | | | | |
| | | | | | 245-250 | | | | | | | |
| | | | | | | | | (260-265) 15-20% PC chert | | | | |
| | | | | | 270-275 | | | | | | | |
| | | | | | 295-300 | | | | | | | |
| | | | | | | | | | (305-335) 2-3% $FeS_2$ | | | |
| | | | | | | | | | 305-340 FRACTURED | | | |
| | | | | | 320-325 | | | | | | | |
| | | | | | | | | | (335-375) 1-2% $FeS_2$ | | | |
| | | | | | 345-350 | | | | 345-350 FRACTURED | | | |

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. DDH-471

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 6

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

| DISTANCE (feet) | GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) | TOTAL SULFIDES (vol %) | ROCK CODE | ORE CODE | DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet) | ELEVATION | ROCK TYPE | GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE) | MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement) | TYPE | ASSAY Au | ASSAY Ag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 10 | 1 | 350-355 | | PC | | | | | |
| | | | | | | | | | 360 – 380 FRACTURED | | | |
| | | | | | 370-375 | | | | | | | |
| | | | | | | | | (375 – 385) 40-45% PC chert | (375 – 380) 5-7% FeS2 | | | |
| | | | | | | | | | (380 – 400) 3-4% FeS2 | | | |
| | | | | | 395-400 | | | | | | | |
| | | | | | | | | | (400 – 415) 1-2% FeS2 | | | |
| | | | | | 420-425 | | | | (415 – 435) 3-4% FeS2 | | | |
| | | | | | 435-450 | | | | (435 – 610) 1-2% FeS2 | | | |
| | | | | | 470-475 | | | | | | | |
| | | | | | | | | | 475-485 FRACTURED | | | |
| | | | | | 495-500 | | | | | | | |
| | | | | | | | | | 505 – 555 FRACTURED | | | |
| | | | | | 550-55[illegible] | | | | | | | |

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. E88-471

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 6

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

| DISTANCE (feet) | GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) | TOTAL SULFIDES (vol %) | ROCK CODE | ORE CODE | DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet) | ELEVATION | ROCK TYPE | GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE) | MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement) / TYPE | ASSAY Au | ASSAY Ag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 10 | 1 | 525-530 | | PC | | | | |
| | | | | | | | | | (535-565) 1-4% ox. | | |
| | | | | | 545-550 | | | | | | |
| | | | | | 570-575 | | | | | | |
| | | | | | 595-600 | | | | | | |
| | | | | | | | | | (610-640) 3-4% $FeS_2$ | | |
| | | | 60 | | | | Ttp | 615-630 TRACHYTE PORPHYRY | | | |
| | | | | | 620-625 | | | | | | |
| | | | 10 | | | | PC | 630-710 PRECAMBRIAN SCHIST | | | |
| | | | | | | | | (640-645) 3-5% PC chert | (640-645) 6-8% $FeS_2$ | | |
| | | | | | 645-650 | | | | (645-670) 1-2% $FeS_2$ | | |
| | | | | | 670-675 | | | | | | |
| | | | | | | | | (680-685) 5-10% PC chert | | | |
| | | | | | | | | (685-670) 10-15% Ttp | | | |
| | | | | | 695-700 | | | | | | |

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. R88-471

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 6

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

| DISTANCE (feet) | GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) | TOTAL SULFIDES (vol %) | ROCK CODE | ORE CODE | DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet) | ELEVATION | GEOLOGIC NOTES: ROCK TYPE | DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE | MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement) / TYPE | ASSAY Au | ASSAY Ag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 10 | 1 | 700-705 | | PC | | | | |
| | | | 60 | | | | Ttp | 710 – 940 TRACHYTE PORPHYRY | | | |
| | | | | | 720-725 | | | | | | |
| | | | | | 745-750 | | | | | | |
| | | | | | | | | (760-765) 15-20% PC schist | | | |
| | | | | | 770-775 | | | | | | |
| | | | | | | | | | (790 – 815) 2-5% OXIDE | | |
| | | | | | 795-800 | | | | | | |
| | | | | | 820-825 | | | | 820–825 FRACTURED | | |
| | | | | | 845-850 | | | | | | |
| | | | | | 870-875 | | | | (870-895) 2-4% $FeS_2$ | | |

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-471

Drill Type _____ Casing Depth _____ State _____ Sheet 6 of 6

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

| DISTANCE (feet) | GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) | TOTAL SULFIDES (vol %) | ROCK CODE | ORE CODE | DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet) | ELEVATION | ROCK TYPE | GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE) | MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinfill, Replacement) / TYPE | ASSAY Au | ASSAY Ag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 60 | 1 | 875 880 | | Ttp | | | | |
| | | | | | 895 900 | | | | (895 – 915) 1-2% $FeS_2$ | | |
| | | | | | 920-925 | | | | (915-930) 2-4% $FeS_2$ | | |
| | | | | | | | | | (930-935) 2-4% OXIDE | | |
| | | | | | | | | | (930-965) 4-6% $FeS_2$ | | |
| | | | 10 | | | | PC | 940-945 PRECAMBRIAN SCHIST | | | |
| | | | 60 | | 945 950 | | Ttp | 945-950 TRACHYTE PORPHYRY | | | |
| | | | 10 | | | | PC | 950-973 PRECAMBRIAN SCHIST | | | |
| | | | | | | | | | (960-965) 1-2% OXIDE | | |
| | | | | | | | | | (965-990) 1-3% $FeS_2$ | | |
| | | | 60 | | 973 975 | | Ttp | 973 – 1005 TRACHYTE PORPHYRY | 965-975 FRACTURED | | |
| | | | | | 975-1000 | | | | (990 – 995) 5-7% $FeS_2$ | | |
| | | | | | | | | | (995-1010) 2-4% $FeS_2$ | | |
| | | | 10 | | | | PC | 1005-1025 PRECAMBRIAN SCHIST | | | |
| | | | | | | | | | (1010 – 1025) tr-1% $FeS_2$ | | |
| | | | | | 1020-1025 | | | | | | |
| | | | | | | | | HOLE TD @ 1025 – below 90 MTP | | | |

DRILL CUTTING LOG

Logged by: _____