

| DIP TESTS | | | | | | | | |
|-----------|------|----|-------|-----|-------|----------|------|-----------|
| TEST | FROM | TO | TOTAL | DIP | CORR. | LATITUDE | CUM. | DEPARTURE |
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DIAMOND DRILL HOLE LOG

Project 514

ELDORADO NUCLEAR LIMITED

LOCATION Bond Claims

SECTION _____

LATITUDE 160N

DEPARTURE 3860E

ELEVATION Surface

CORE AXT

STORAGE Whitehorse

HOLE No. B-2

AZIMUTH 180°

DIP -50°

LENGTH 178.0'

PURPOSE _____

COMPLETED 14/8/76

LOGGED BY C.J. Riley

| FOOTAQE | | DESCRIPTION | CORE SAMPLES | | | | |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|-------|------|--------------------------------|
| FROM | TO | | FROM | TO | WIDTH | % | AVERAGES |
| | 0.0 | Collar | | | | | |
| 0.0 | 13.0 | Boulders, clay | | | | | |
| 13.0 | 22.9 | Volcanic - intermediate to acid, pale green, very fine grained massive, occasional speck pyrite, occasional weak banding @ 50°. | | | | | %U ₃ O ₈ |
| 22.9 | 41.2 | Contact zone - sheared and brecciated. Like the volcanic at 22.9 at top of entry grading to breccia at foot of entry. Specks of magnetite, some altered to hematite start at 36.0. Two small pieces of brannerite @ 38.5' (80,000 cpm). Up to 5% pyrite in stringers and disseminations, one bleb of pyrite at 33.0' with alteration halo of limonite sheared @ 45°. | 34.0 | 35.5 | 1.5 | 7511 | 0.035 |
| | | | 35.5 | 38.0 | 2.5 | 7512 | 0.102 |
| | | | 38.0 | 40.6 | 2.6 | 7513 | 0.323 |
| | | | 40.6 | 41.7 | 0.9 | 7514 | 0.043 |
| 41.2 | 124.8 | Explosive breccia - buff rounded to subrounded fragments, maximum 5 cms. average 1-2 cms, occasional pinkish chert fragment with beige alteration halos. Matrix is grey-green chloritic and speckled with small euhedral magnetite grains (some altered to hematite). Thin conformable barite and quartz veining, sheared @ 60°, Flaser pattern in matrix. 35% of rock composed of fragments. | 41.7 | 43.0 | 1.3 | 7515 | 0.101 |
| | | | 81.6 | 86.4 | 4.8 | 7516 | 0.034 |
| 124.8 | 125.8 | Explosive Breccia - fragments are very small. Occasional fractured fragment jasper. Magnetite to 5%. Some fragments thinly banded. | | | | | |
| 125.8 | 128.7 | Chert Breccia - pink and beige rounded to subrounded fragments with "ghost" appearance in chloritic matrix. 60% fragments. Barite vein at 127.2. Bonds speckled with hematite. Calc-silicate altered by gas breccia. | | | | | |
| 128.7 | 131.7 | Shear zone - focus at 130.7'. Black mylonitized rock with barite filled tension fractures. 30°. 5% magnetite green chloritic alteration. | | | | | |
| 131.7 | 144.1 | Breccia - rounded multiple sized pink-red fragments, some with visible banding, some carbonate, some chert, in a green chloritic matrix. Mottled texture, very fine grained. Bonds hematite grains alter magnetite, 1-2% disseminated pyrite. Altered calc-silicate due to explosive gas vent breccia. | 137.5 | 141.0 | 2.5 | 7517 | 0.043 |
| | | | 141.0 | 142.4 | 1.5 | 7518 | 0.034 |
| | | | 142.5 | 145.5 | 3.0 | 7519 | 0.067 |
| | | | 145.5 | 146.8 | 1.3 | 7520 | 0.012 |

DIAMOND DRILL HOLE LOG

PAGE No. 2 HOLE B-2

| FOOTAGE | | DESCRIPTION | CORE SAMPLES | | | | |
|---------|-------|----------------------------------------------------------------------------------------------|--------------|-------|-------|------|----------|
| FROM | TO | | FROM | TO | WIDTH | % | AVERAGES |
| 144.1 | 146.9 | Barite vein - beige, coarse grained, saturated with milky quartz, euhedral magnetite. | 146.8 | 148.4 | 1.6 | 7521 | 0.107 |
| 146.9 | 164.5 | Breccia - as at 144.1 | 148.4 | 149.0 | 0.6 | 7522 | 0.022 |
| 164.5 | 178.0 | Explosive Gas Vent Breccia as at 124.8. Some sheared pink and beige fragments. Foot of Hole. | 149.0 | 152.5 | 3.5 | 7523 | 0.162 |
| | | | 152.5 | 153.8 | 1.3 | 7524 | 0.025 |
| | | | 153.8 | 158.9 | 4.8 | 7525 | 0.204 |
| | | | 158.9 | 160.9 | 2.0 | 7526 | 0.017 |
| | | | 160.9 | 163.1 | 2.2 | 7527 | 0.073 |
| | | | 163.1 | 166.5 | 3.4 | 7528 | 0.010 |
| | | | 166.5 | 168.4 | 0.9 | 7529 | 0.045 |
| | | Drilled by: Wink International Exploration Drilling | | | | | |
| | | Driller: Sean Ivens | | | | | |
| | | Core: AXT Nothing left in hole | | | | | |
| | | Radiometrics: McPhar TV1-A # 176-69 | | | | | |