DIP TESTS

TEST	FROM	TO	TOTAL		DIP CORR.	LATITUDE	LATITUDE CUM.	DEPARTURE	DEPARTURE CUM.
Collar	0	145	145		-45	102.53		102.53	
							102.53		102.53

DIAMOND DRILL HOLE LOG

Project 514

ELDORADO NUCLEAR LIMITED

LOCATION Bond Claims
SECTION 41+00E
LATITUDE 2+95S
DEPARTURE 41+00E
ELEVATION Surface
CORE IAX
STORAGE Whitehorse

HOLE No. B-15
AZIMUTH 190°
DIP -45°
LENGTH 145'
PURPOSE Investigate Mag.
COMPLETED July 11/77 Anom.
LOGGED BY W.J. Olsson

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION
0	25.0	Casing
25.0	47.0	Intensely Fractured Hematized Limonite Barite Breccia (Explosive Breccia?).
		Colour: Rusty-brown to blue-grey.
		Hardness: 3 - 5.
		Composition: Matrix is chlorite-carbonate - 40% Barite - 50% Other - 10%
		Texture: Matrix is fine grained; fragments are up to 4" in size.
		Structure: A foliation cuts the core at 45° - 50°. Intense fracturing has occurred throughout resulting in very broken core. Quartz veins are at 42' and are accompanied by sulphide material. Fracturing cuts the core at 60°, 45° and 90°. Several networks of hairline fractures crisscross the core. Missing core 37.0' - 38.0'. Fault gouge is present at 47' associated with a fracture cutting the core at 70°. Minor amounts of disseminated magnetite and sulphide material is present (<5%).
		Alteration: Hematization and limonitec staining is associated with the fractures with hematite localized near the fractures and limonite extending into the host rock further. The matrix is chloritized. Gouge at 47' is sandy-buff in colour.
		Radioactivity: None.
		Broken Core: Throughout.
		25.0-47.0 This is the same unit as the following one. However, it is much more fractured and limonitic alteration is quite extensive.

CORE SAMPLES FROM	TO	WIDTH	%	AVERAGES

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	CORE SAMPLES FROM	TO	WIDTH	%	AVERAGES
47.0	145.0	Barite Breccia (Volcanic) Colour: Light to medium grey-blue. Hardness: 3 - 5. Composition: 60% chlorite-carbonate; 30% barite; 10% others (mainly magnetite) Texture: Generally fine grained. Fragments of barite-rich material up to several inches. Structure: A foliation cuts the core at 70°. Locally it is 30° and 0°. Fracturing is minor to moderate cutting the core at 30° and at 60° and 90°. Magnetite is disseminated throughout as fine euhedral crystals. Some sulphide material is present with magnetite along fractures. A 30° fracture at 54' contains vuggy quartz coated with hematite and magnetite. At 110' there is a 6" section of greenish-brown core in a 30° fracture. Alteration: The matrix is a blueish colour. Barite filled fractures are common. Limonite and hematite are found in some fractures. Radioactivity: None. Broken Core: At 120'. 47.0-145.0 This unit resembles an altered andesite. Local brecciation has occurred with fragments predominantly consisting of barite. A possible name for this unit is "phyllite" as it is very fine grained and massive. END OF HOLE					