

DIP TESTS							
TEST	FROM	TO	TOTAL	DIP	CORR.	LATITUDE	DEPARTURE
Collar	0	154	154		-45°	108.89	108.89
						108.89	108.89

DIAMOND DRILL HOLE LOG

Project 514

ELDORADO NUCLEAR LIMITED

LOCATION Bond Claims

SECTION 37+95E

LATITUDE 3+10S

DEPARTURE 37+95E

ELEVATION Surface

CORE IAX

STORAGE Whitehorse

HOLE No. B-12

AZIMUTH 190°

DIP -45°

LENGTH 154'

PURPOSE Investigate Mag.

COMPLETED July 5/77 Anom.

LOGGED BY W.J. Olsson

FOOTAGE		DESCRIPTION	CORE SAMPLES				AVERAGES
FROM	TO		FROM	TO	WIDTH	%	
0	4.0	Casing					
4.0	18.0	Broken Rock					
		Badly weathered basement or boulders (float)					
18.0	154.0	Explosive Breccia					
		<u>Colour:</u> Matrix is a blue-grey colour and the fragments are pink to buff.					
		<u>Hardness:</u> 3 - 5.					
		<u>Composition:</u> The matrix consists of carbonate and chlorite while the fragments are quartz-feldspar and barite rich with some chert fragments.					
		<u>Texture:</u> Matrix is fine grained. The fragments are up to 4 or 5 inches in size.					
		<u>Structure:</u> Several cavities were encountered in drilling at the following footages: 26.2-28.8'; 28.0-28.3'; 47.0-48.0'; 55.7-56.1'. A foliation cuts the core at 45-50°. Fractures crisscross the core, especially in the upper 60' of the unit. Magnetite and sulphide-filled fractures are present throughout. The magnetite is generally altered to hematite. A quartz vein is present from 134.0' to 134.5'. Euhedral crystals of carbonate are present at 136.0' (Personal sample taken). Broken core at 113' suggests a possible fault.					
		<u>Alteration:</u> Magnetite is hematized; sulphides show little or no alteration; a pink-to-purple colour occurs in fragments in radioactive sections while the matrix is a greenish colour.					

DIAMOND DRILL HOLE LOG

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FOOTAGE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
18.0	154.0	Explosive Breccia, con't.					
		Radioactivity:					
		70.0' - 74.9' - 280 cps (BGS-BL)					
		79.5' - 96.8' - 230 cps (BGS-BL)					
		100.3' - 109.1' - 120 cps (BGS-BL)					
		139.8' - 141.0' - 450 cps (BGS-BL)					
		High readings as follows:					
		70.4' - 70.8' 850 cps					
		71.3' - 72.0' 750 cps					
		73.2' - 73.4' 400 cps					
		83.2' - 87.8' 420 cps					
		93.8' - 96.8' 400 cps					
		139.8' - 141.0' 450 cps					
		Broken Core: At 113'.					
		18.0-154.0 The entire hole is within the explosive breccia unit. Difficulty in pulling the rods was encountered at this footage so it could not be extended past 154'. The radioactive intervals are extensive and the pink-purple alteration common to mineralized breccia is present.					
		END OF HOLE.					