

DIP TESTS									
		DIP		LATITUDE		DEPARTURE			
TEST	FROM	TO	TOTAL	CORR.	CUM.	CUM.	CUM.	CUM.	CUM.

DIAMOND DRILL HOLE LOG

Project 514

ELDORADO NUCLEAR LIMITED

LOCATION Pterd Claims
SECTION _____
LATITUDE _____
DEPARTURE _____
ELEVATION Surface
CORE BQ
STORAGE Whitehorse

HOLE No. P-3
AZIMUTH 250°
DIP -50°
LENGTH 477.0
PURPOSE _____
COMPLETED 8/9/76
LOGGED BY C.J. Riley

FOOTAGE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
	0.0	Collar					
0.0	7.0	Start of core					
0.0		BW casing					
7.0	43.2	Breccia. - Fragments pale green phyllite set in quartz matrix. Fragments very small and may show banding. Very hard, very fine grained. Some weak shearing @ 40°. Some patchy chloritic alteration of fragments @ 22-24'. Specks magnetite 2-3% occasional patch and stringer barite. 4000 cpm.					
43.2	47.8	Brecciated contact zone - small fragments beige siltstone, pink chert, jasper and dark green volcanic set in silicified chloritic matrix all indurated with silica - very hard. 3500 cpm					
47.8	77.5	Explosive Gas Vent Breccia - angular to sub angular fragments of brown banded siltstone, pink and flesh coloured chert, dark grey-green volcanic. Multisized, all compressed and well fitted with not much matrix material. Matrix and fragments indurated with silica, very hard to drill. 4000 cpm					
77.5	84.3	Breccia small fragments jasper, milky quartz, siltstone, saturated with quartz, some patches and disseminated buff barite. Weak lineation @ 30°, 1-2% specks magnetite matrix dark grey-green chloritized volcanic. Lower contact very rough, brecciated, probably intrusive. 4000 cpm					
84.3	114.6	Breccia, Explosive Gas Vent as at 77.5. All fragments and matrix silicified - very hard. 3500 cpm.					
114.6	118.0	Breccia, Tectonic - few fragments altered buff siltstone and chert but mostly composed of grey-green chloritized and silicified volcanic forming a crackle breccia. Sheared @ 45° 3500 cpm.					

DIAMOND DRILL HOLE LOG

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FOOTAGE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
118.0	133.1	Breccia, Tectonic - some large fragments quartz diorite up to 6" set in crushed breccia of grey-green volcanic. Saturated with milky quartz. Occasional fragment siltstone, all chloritized and silicified. 1-2% disseminated magnetite. 4000 cpm. sheared @ 60°.					
133.1	136.9	Breccia - Tectonic. Pale grey fragments quartzite? crushed and sheared 55°. Stringers conformably milky quartz. 3500 cpm.					
136.9	138.4	Breccia - Tectonic very few fragments - mostly composed of grey-green crushed volcanic saturated with milky quartz. 4000 cpm.					
138.4	148.6	Breccia - Explosive. Fragments larger than above - up to 5-6", also the fragments are brecciated. (siltstone, chert, volcanic) set in a dark green-grey volcanic matrix. Saturated with milky quartz but not as strongly as above. 1-2% disseminated magnetite. Occasional stringer barite 4000 cpm.					
148.6	153.8	Breccia - Tectonic. Large fragments brecciated beige chert and grey matrix as at 148.6 set in more highly chloritized dark green-grey matrix. All crushed and sealed with milky quartz. 3500 cpm.					
153.8	169.1	Breccia - Explosive as at 148.6. More grey fragments, fewer siltstone and chert. 3500 cpm.					
169.1	175.6	Breccia - Tectonic - sheared 60°, almost all fragments are dark grey-black set in crush matrix sealed with white quartz. 3500 cpm.					
175.6	185.8	Breccia Explosive as at 169.1 More larger fragments. Not as highly indurated with silica as above. 3500 cpm.					
185.8	186.6	Barite buff-beige, massive, fine grained, some milky quartz.					

DIAMOND DRILL HOLE LOG

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FOOTAGE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
186.6	191.2	Calc Silicate - probably a large fragment, fine grained, medium grey speckled black, massive, small buff alteration spots.					
191.2	201.0	Breccia Explosive - large fragments buff siltstone, jasper and volcanic set in massive chloritized volcanic matrix in places showing buff coloured alteration. Some hematite. 4000 cpm.					
201.0	213.3	Breccia Explosive. Small fragments siltstone, volcanic and chert in dark green chloritized matrix. Some fragments drawn out @ 70°, some buff alteration of matrix. 3000 cpm.					
213.3	214.7	Volcanic - sheared 70°, occasional fragment chert in dark grey-green chloritized matrix, speckled pyrite. 3500 cpm.					
214.7	216.1	Pyrite, massive, saturating volcanic or breccia. Sheared 70°, stringers milky quartz. 70% pyrite.					
216.1	222.2	Breccia - Tectonic. Fragments green chloritized volcanic and altered brecciated brown fragments in grey-green volcanic matrix. Fractured and saturated white quartz. 4500 cpm.					
222.2	242.2	Breccia - Explosive, pale green phyllite, buff siltstone, and volcanic set in pale green volcanic matrix. 1% disseminated pyrite. Speckled with small magnetite-hematite grains 2%. Lineated @ 45°. More heavily chloritized and sheared 50° at foot of entry. 3500 cpm.					
242.2	249.0	Breccia - Explosive 60% dark volcanic fragments, 20% buff siltstone, 10% chert, 10% quartz, fragments medium sized, set in dark green-grey chloritized matrix. 4000 cpm.					
249.0	261.0	Breccia, Explosive, 75% green phyllite fragments, 15% brown siltstone, 10% chert, set in mid green chloritized matrix, sheared @ 70°, occasional stringer milky quartz, altered buff at foot of entry. 2% hematite.					

DIAMOND DRILL HOLE LOG

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HOLE

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FOOTAGE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
261.0	269.1	Breccia Explosive mostly dark grey volcanic fragments. Some light coloured fragments near top of entry. Matrix dark grey-green chloritized. Fabric @ 60° 4000 cpm.					
269.1	274.8	Breccia Explosive, mostly small fragments siltstone, chert, volcanic, matrix heavily chloritized. Fabric @ 55°.					
274.8	280.6	Breccia, explosive as at 261.0. Fabric @ 55°. Matrix heavily chloritized. bands or fragments milky white quartz. 3500 cpm. mika hematite.					
280.6	284.6	Breccia, Explosive, as at 269.1. Foliated 60°- 75°- 60°					
284.6	287.3	Breccia, Explosive, as at 260.0 50°.					
287.3	296.9	Phyllite, apple green, very contorted, angles change rapidly along core. Minor brecciation due to small faults 4" fragment of chocolate brown material at foot of entry with minor pitchblende filling fractures. 30,000 cpm. (T3 = 140 cpm, T2 = 1900 cpm). Minor hematite.					
296.9	318.7	Breccia - Explosive. Fragments green phyllite 70%, siltstone 20%, chert 10%, occasional dark volcanic, set in highly chloritized green matrix. Fragments = 90% of rock. Occasional band speckled pink garnet, fragments subangular to subrounded. 4000 cpm.					
318.7	334.1	Breccia - volcanic? fragments of volcanic set in dark grey green matrix, speckled small garnets, fabric @ 50° 4000 cpm.					
334.1	337.6	Breccia - Ghost fragments set in a highly altered rock - heavily chloritized, medium grained, massive.					
337.6	341.3	Breccia, medium sized volcanic fragments set in a grey-green chloritized matrix. Saturated with milky quartz. 4000 cpm.					
341.3	347.3	Breccia, explosive, grey small to medium sized fragments, sub-angular, altered buff in places in grey green chloritized matrix. 4000 cpm.					
347.3	357.0	Breccia - explosive. Grey and maroon fragments, small to medium-large, subrounded to sub angular, in grey-green chloritized matrix. 3500 cpm.					
357.0	360.0	Breccia Possibly a large fragment. Olive green matrix, white milky quartz fragments. 10% hematite in patches and around fragments. Fine grained, massive. 3000 cpm.					
360.0	369.4	Breccia - Tectonic. Volcanic sheared 45°. Speckled small garnets at foot of entry. Bands milky quartz. Fine grained, grey. 4000 cpm.					
369.4	379.4	Breccia as at 369.4 but fragments more distinct and smaller. Some foreign fragments. Matrix chloritized 3000 cpm.					

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PAGE No.....5..... HOLE P-3.....

FOOTAGE		DESCRIPTION	CORE SAMPLES				
FROM	TO		FROM	TO	WIDTH	%	AVERAGES
379.4	390.8	Breccia. Large grey fragments in green chloritized volcanic matrix. Some siltstone fragments. Some blebs siderite to 2 cm. at foot of entry. Sheared 45°.					
390.8	447.8	Argillite? or argillaceous volcanic. Crackle breccia, grey-black, very fine grained, weak foliation @ 60°, milky quartz filling fractures. Occasional siliceous band. (Possible Unit B argillite). 4000 cpm.					
447.8	477.0	Breccia. Mostly grey fragments in darker grey-black matrix, few buff fragments and dark green. Fabric @ 45°. 3000 cpm.					
	477.0	Foot of hole.					
		Drilled by: E. Caron Drilling Ltd.					
		Driller: D. Tilden					
		Left in Hole: Nil					
		Radiometrics: McPhar TV1A #176-69					