

Cameco Australia Pty Ltd
Cadell Project - ERL25896
Diamond Drilling - Point Structure

Hole Number	Depth	Linear / Planar	Element	Orientated	Dip / Plunge	Dip Direction	Angle to Core Axis	Intensity	Colour	Feature	Comments
CDD0117	39.05	Planar	Vein	No			75	3	greyish white	quartzofeldspathic	
CDD0117	39.2	Planar	FRAC	Yes	47	357	70	1		open fractures	
CDD0117	40.6	Planar	Vein	No			70	3	greyish white	quartzofeldspathic	
CDD0117	41.09	Planar	Vein	No			70	2	greyish white		
CDD0117	41.8	Planar	Vein	No			70	3	greyish white	quartz-carbonate vein	
CDD0117	42.8	Planar	Vein	No			60	1	green	chlorite	
CDD0117	43.03	Planar	Vein	No			40	1	green	chlorite	
CDD0117	43.9	Planar	FRAC	No			5	1		open fractures	
CDD0117	44.75	Planar	FRAC	No			30	1		open fractures	
CDD0117	48	Planar	Vein	Yes	22	68	65	3	greyish white	quartz-carbonate vein	
CDD0117	48.4	Planar	HF	Yes	64	13	65	1	whitish grey		
CDD0117	49.4	Planar	Vein	Yes	79	6	40	2	greyish white	quartzofeldspathic	
CDD0117	50	Planar	HF	Yes	12	90	55	1	green	chlorite	
CDD0117	50.7	Planar	Vein	No			50	1	greyish white	quartzofeldspathic	
CDD0117	52.5	Planar	HF	No			40	1	grey green	chlorite	
CDD0117	53.3	Planar	FRAC	Yes	59	16	60	1		open fractures	
CDD0117	56.28	Planar	FRAC	No			60			open fractures	
CDD0117	59.9	Planar	FRAC	No			60	1		open fractures	
CDD0117	61.6	Planar	Vein	No			55	2	green grey	chlorite	
CDD0117	61.7	Planar	Vein	No			40	2	whitish grey	quartzofeldspathic	
CDD0117	63	Planar	FRAC	No			30	1	red brown (rust)	hematite	Hematite filled fracture
CDD0117	66.15	Planar	FRAC	No			10	2	green	chlorite	
CDD0117	66.65	Planar	FRAC	No			75			open fractures	Multiple subparallel fractures
CDD0117	68	Planar	Contact	No			58	1		contact	Sharp alteration contact
CDD0117	68.37	Planar	Vein	No			20	2	brown	hematite	
CDD0117	68.65	Planar	Vein	No			45	2	brown	hematite	
CDD0117	71.7	Planar	Vein	No			5	2	whitish grey	quartzofeldspathic	
CDD0117	75	Planar	Vein	Yes	55	347	60	2	whitish grey	quartzofeldspathic	Quartz feldspar vein
CDD0117	75.1	Planar	Vein	Yes	75	343	40	1	green	chlorite	
CDD0117	75.5	Planar	FRAC	Yes	73	25	45	2	grey green	chlorite	
CDD0117	75.65	Planar	BX	No			60	3	grey	breccia	Narrow breccia
CDD0117	83.3	Planar	FRAC	Yes	53	330	55			open fractures	
CDD0117	84.27	Planar	FRAC	Yes	47	357	70			open fractures	
CDD0117	86	Planar	FRAC	Yes	76	347	40			open fractures	
CDD0117	86	Planar	FRAC	Yes	47	357	40			open fractures	
CDD0117	86.07	Planar	FRAC	Yes	66	349	50	1	brown	hematite	
CDD0117	90.1	Planar	FRAC	Yes	5	107	60			open fractures	
CDD0117	97.8	Planar	FRAC	Yes	66	349	50			open fractures	
CDD0117	101	Planar	Contact	Yes	78	22	40	3		gouge	
CDD0117	103.5	Planar	FRAC	Yes	11	190	50			open fractures	
CDD0117	111.8	Planar	FRAC	Yes	20	120	50			open fractures	
CDD0117	112.9	Planar	FRAC	Yes	54	279	30			open fractures	
CDD0117	116.9	Planar	FRAC	Yes	39	273	40			open fractures	

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CDD0117	117.7	Planar	Vein	Yes	18	253	50	2	green	chlorite	
CDD0117	120	Planar	Vein	Yes	68	99	20	1	green grey	quartzofeldspathic	
CDD0117	120.3	Planar	Vein	Yes	85	218	20	1	green grey	chlorite	
CDD0117	120.4	Planar	Vein	Yes	83	166	20	1	grey green	chlorite	
CDD0117	126.3	Planar	Vein	Yes	58	117	20	1	green grey	chlorite	
CDD0117	130.7	Planar	Vein	Yes	86	157	20	2	greyish white	vein	Quartz carbonate vein
CDD0117	135	Planar	Contact	No			40	3	pink brown	dyke	Aplite dyke
CDD0117	137.7	Planar	FRAC	No			20			open fractures	Open fracture with slicken sides on surface
CDD0117	140.1	Planar	Vein	No			40	1	whitish grey	quartz-carbonate vein	
CDD0117	140.1	Planar	CON	No			80	3	pink brown	dyke	
CDD0117	154.6	Planar	FRAC	Yes	12	159	50			open fractures	
CDD0117	155.2	Planar	FRAC	Yes	89	163	25			open fractures	
CDD0117	157.6	Planar	Vein	Yes	17	88	60	2	whitish grey	quartz-carbonate vein	Weakly radioactive quartz carbonate veins
CDD0117	160	Planar	FOL	Yes	41	80	50	2	pink brown	k-feldspar	
CDD0117	162.1	Planar	Vein	Yes	10	97	60		whitish grey	quartz-carbonate vein	
CDD0117	162.1	Planar	Vein	Yes	10	97	60	2	greyish white	quartz-carbonate vein	Weakly radioactive quartz carbonate veins
CDD0118	28.7	Planar	Vein	No			30	1	brown	hematite	Quartz hematite veinlet
CDD0118	29	Planar	Vein	No			20	1	whitish grey	quartzofeldspathic	
CDD0118	31.7	Planar	Vein	No			20	1	red brown (rust)	hematite	Redbrown hematite altered vein
CDD0118	36.5	Planar	FRAC	Yes	3	111	60			open fractures	
CDD0118	36.8	Planar	FRAC	Yes	87	144	20			open fractures	
CDD0118	39.3	Planar	FRAC	Yes	50	101	30			open fractures	
CDD0118	39.3	Planar	Vein	No			20	2	whitish grey	quartzofeldspathic	
CDD0118	43.8	Planar	Vein	No			20	2	whitish grey	quartzofeldspathic	
CDD0118	44.2	Planar	Vein	No			20	1	whitish grey	quartzofeldspathic	
CDD0118	48	Planar	FRAC	No			20			open fractures	
CDD0118	48.1	Planar	Vein	No			10	2	WG	quartz vein	
CDD0118	50	Planar	Vein	No			5	1	brown	hematite	Hematite veinlet with radioactive counts up to 100.
CDD0118	52.05	Planar	FRAC	No			20		green	chlorite	Chlorite veins with radioactive counts up 125.
CDD0118	56.4	Planar	FRAC	Yes	81	190	20			open fractures	
CDD0118	57	Planar	Vein	Yes	23	19	80	2	green	chlorite	Narrow chlorite veins
CDD0118	57.8	Planar	Vein	Yes	69	295	30	1	green	chlorite	
CDD0118	60.85	Planar	Vein	No			10	2	whitish grey	quartz vein	
CDD0118	63.7	Planar	Vein	No			35	1	green	chlorite	Weakly radioactive chlorite vein
CDD0118	67.1	Planar	Vein	No			40			open fractures	
CDD0118	67.6	Planar	Vein	No			75	2	whitish grey	quartz vein	
CDD0118	72.2	Planar	Vein	No			40	2	brownish grey	quartz vein	
CDD0118	72.2	Planar	Vein	No			40	2	greyish white	vein	Quartz hematite vein
CDD0118	72.75	Planar	Vein	No			30	1	green	chlorite	
CDD0118	78.7	Planar	FRAC	No			40		green	chlorite	Fracture with dark green slicken sides perpendicular to the ellipsoid
CDD0118	84.95	Planar	FRAC	No			30			open fractures	
CDD0118	84.95	Planar	Vein	No			40	2	whitish grey	quartz vein	

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CDD0118	87.4	Planar	FRAC	Yes	89	347	30		green	chlorite	A set of fractures with well developed slicken sides
CDD0118	90.3	Planar	FRAC	No			20	2	greyish white	quartzofeldspathic	
CDD0118	94.3	Planar	Vein	No			20	1	greyish white	quartz-carbonate vein	
CDD0118	99.27	Planar	FRAC	No	17	94	55				
CDD0118	100.3	Planar	Vein	Yes	69	305	35	1	grey green	quartz-carbonate vein	Narrow quartz carbonate veins
CDD0118	104.9	Planar	FRAC	Yes	24	139	40			open fractures	
CDD0118	106.4	Planar	FRAC	Yes	23	117	45			open fractures	
CDD0118	109.9	Planar	FRAC	No			40			open fractures	Open fractures in sandstone
CDD0118	115	Planar	FRAC	No			40			open fractures	
CDD0118	120.2	Planar	FRAC	No			10			open fractures	
CDD0118	126.6	Planar	FRAC	Yes	80	231	10			open fractures	
CDD0118	127.2	Planar	Foliation	Yes	24	69	60	1	brown	hematite	Weak foliation in granite, define by hematite altered primary minerals
CDD0118	130.1	Planar	Vein	Yes	11	147	50	1	greyish white	vein	
CDD0118	137	Planar	Fracture	Yes	51	194	10	1		open fractures	
CDD0118	137.2	Planar	Foliation	Yes	30	88	50	1	brown	hematite	Weak foliation in granite, define by hematite altered primary minerals
CDD0118	137.4	Planar	Fracture	Yes	73	59	30			open fractures	
CDD0118	137.6	Planar	Foliation	Yes	35	57	60	1	greyish white	hematite	Weak foliation in granite, define by hematite altered primary minerals
CDD0118	142	Planar	Contact	Yes	71	288	25				Granite-aplite dyke contact
CDD0118	142.8	Planar	Vein	Yes	59	83	30	1	greyish white	quartz vein	
CDD0118	142.9	Planar	Foliation	Yes	44	67	50		brown	hematite	Weak foliation in granite, define by hematite altered primary minerals
CDD0119	40.4	Planar	Vein	No			30	2	green	chlorite	
CDD0119	48.4	Planar	Vein	No			30	2	brown	vein	Quartz-hematite veins with 30 degrees to the core axis
CDD0119	48.9	Planar	Vein	No			30	2	green	chlorite	
CDD0119	52.5	Planar	FRAC	No			70			open fractures	
CDD0119	52.9	Planar	Vein	No			25	2	whitish grey	quartzofeldspathic	Quartz feldspar chlorite veins with shallow angle to the core axis
CDD0119	55.35	Planar	Vein	Yes	84	31	25	1	whitish grey	quartzofeldspathic	Steeply dipping Quartz feldspar chlorite veins
CDD0119	55.9	Planar	Vein	Yes	65	346	50	1	green	chlorite	Steeply dipping CL veins
CDD0119	57.1	Planar	Vein	Yes	74	9	40	1	green	chlorite	Steeply dipping CL veins
CDD0119	59.4	Planar	Vein	Yes	50	297	50	1	green	chlorite	Steeply dipping CL veins
CDD0119	59.8	Planar	Vein	Yes	82	113	5	2	white	quartzofeldspathic	
CDD0119	61.4	Planar	FRAC	Yes	63	335	50			open fractures	
CDD0119	62.5	Planar	FRAC	Yes	84	313	25			open fractures	
CDD0119	63.5	Planar	HF	No			45			healed fractures	
CDD0119	66.3	Planar	FRAC	Yes	46	314	60			open fractures	
CDD0119	70.6	Planar	FRAC	No			45			open fractures	
CDD0119	74.9	Planar	Vein	No			45	2	brown	quartz-carbonate vein	Quartz carbonate hematite veins with 45 degrees to the core axis
CDD0119	77.6	Planar	Vein	No			25	2	green	chlorite	Chlorite veining
CDD0119	78.9	Planar	Vein	No			25	2	green	chlorite	

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CDD0119	79.8	Planar	Vein	No			50	1	greyish white	quartz-carbonate vein	Quartz-feldspar- carbonate hematite veins with 50 degrees to the core axis
CDD0119	81.7	Planar	Vein	Yes	20	226	50	2	green	chlorite	Shallowly dipping chlorite veins
CDD0119	84.3	Planar	Vein	Yes	90	353	25	2	brown	vein	Sub-vertical Quartz-feldspar- carbonate hematite veins,
CDD0119	84.3	Planar	Vein	Yes	90	353	25	2	brown	vein	Steeply dipping Quartz-carbonate- hematite veins
CDD0119	86.2	Planar	Vein	Yes	81	188	20	5	brown	vein	Quartz-feldspar- carbonate hematite veins with disseminated cpy, specular hematite and chlorite
CDD0119	87	Planar	Vein	Yes	85	173	20	2	brown	vein	Steeply dipping veins
CDD0119	88.3	Planar	Vein	Yes	87	196	20	2	brown	vein	Steeply dipping Quartz-carbonate- hematite veins
CDD0119	89.5	Planar	Vein	Yes	61	272	30	2	brown	vein	
CDD0119	90	Planar	Vein	Yes	42	257	40	1	whitish grey	quartz-carbonate vein	
CDD0119	90.3	Planar	Vein	Yes	87	196	20	2	brown	vein	
CDD0119	93.8	Planar	Vein	No			2	3	greyish white	quartz-carbonate	
CDD0119	96.5	Planar	Vein	Yes	89	145	20	2	greyish white	vein	Quartz feldspar veins
CDD0119	97.5	Planar	FRAC	Yes	71	17	40			open fractures	
CDD0119	101	Planar	Vein	Yes	64	224	10	2	brown	quartz-carbonate vein	Quartz carbonate hematite veins
CDD0119	101.9	Planar	Vein	Yes	66	36	40	2	greyish white	quartz-carbonate vein	
CDD0119	105.8	Planar	Vein	Yes	54	249	30	1	greyish white	quartz-carbonate vein	
CDD0119	107	Planar	Vein	Yes	67	61	30	1	greyish white	quartz-carbonate vein	
CDD0119	108	Planar	Vein	Yes	53	198	15	1	brown	vein	Quartz hematite veins
CDD0119	111.8	Planar	Vein	Yes	52	43	50	1	greyish white	quartz-carbonate vein	
CDD0119	113.3	Planar	Vein	Yes	46	180	20	1	brown	quartz-carbonate vein	Quartz hematite veins
CDD0119	116.3	Planar	Vein	Yes	87	192	20	2	brown	quartz-carbonate vein	
CDD0119	121.1	Planar	Vein	Yes	83	10	30	2	greyish white	quartz-carbonate vein	
CDD0119	123.1	Planar	Vein	Yes	68	84	20	2	greyish white	quartz-carbonate vein	
CDD0119	125.3	Planar	Vein	Yes	58	317	50	2	brownish grey	quartz-carbonate vein	
CDD0119	125.4	Planar	Vein	Yes	68	317	40	2	greyish white	quartz-carbonate vein	
CDD0119	129	Planar	Vein	Yes	83	340	30	2	brown	quartz-carbonate	
CDD0119	129.9	Planar	Vein	Yes	5	238	20	3	brown	vein	Quartz carbonate hematite veins
CDD0119	131.1	Planar	Vein	Yes	74	1	40	2	brown	vein	Quartz carbonate hematite veins
CDD0119	140.4	Planar	Vein	Yes	68	338	45	2	greyish white	quartz-carbonate vein	
CDD0119	140.7	Planar	Vein	Yes	78	314	30	3	greyish white	quartz-carbonate vein	Quartz carbonate hematite veins with disseminated chalcopryrite
CDD0119	142	Planar	Vein	Yes	82	158	15	3	greyish white	quartz-carbonate vein	Quartz carbonate vein with minor hematite
CDD0119	145.8	Planar	CON	Yes	84	353	30			contact	Granite dolerite contact
CDD0119	145.8	Planar	Vein	Yes	84	353	30	2	greyish white	quartz-carbonate vein	
CDD0119	148.5	Planar	Vein	Yes	40	250	40	1	greyish white	quartz-carbonate vein	
CDD0119	151	Planar	FOL	Yes	25	71	60			foliation	
CDD0119	153.2	Planar	Vein	Yes	50	135	20	1	greyish white	quartz-carbonate vein	Weakly defined foliation
CDD0119	162	Planar	Vein	Yes	88	148	20	2	green	chlorite	
CDD0119	166.7	Planar	CON	Yes	47	202	20			contact	Microgranite-granite contact
CDD0119	167.8	Planar	FOL	Yes	35	56	60			foliation	

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CDD0119	168	Planar	Vein	Yes	52	126	20	2	brown	chlorite	
CDD0119	173.9	Planar	CON	Yes	19	83	60			contact	Microgranite-granite contact
CDD0119	180	Planar	FRAC	Yes	8	275	65			open fractures	
CDD0119	181.3	Planar	FOL	Yes	34	69	55			foliation	
CDD0119	184.9	Planar	Vein	Yes	15	92	60	1	greyish white	carbonate vein	
CDD0119	189	Planar	DFBN	Yes	86	137	15	3	grey green	chlorite	Pseudotachylite
CDD0119	196.7	Planar	FOL	Yes	46	59	50			foliation	Foliation defined by mafic minerals and orthoclase
CDD0119	197.2	Planar	FOL	Yes	44	63	50			foliation	Foliation defined by mafic minerals and orthoclase
CDD0119	197.2	Planar	FRAC	Yes	89	209	20			open fractures	