

Cameco Australia Pty. Ltd.

Beatrice EL 24291 - Radiometric Ground Grid at Beatrice prospect

Total Counts Gamma recorded by RS125 scintillometer

sample number	E_GDA94	N_GDA94	RL_m	CPS_Max	formation	rock_type	lithology
BT080012	304246.45	8604218.64	55	2000	Pxn	OZBX	Ferruginised quartz breccia
BT080013	304338.45	8604298.63	59	15000	Pxn	GRAN	Strongly chloritised sheared granite
BT080014	304314.45	8604270.64	69	31000	Pxn	GRAN	Strongly hematized and chloritised granite
BT080015	304478.45	8604470.64	70	190	Pxn	GRDT	Hornblende-biotite granodiorite gneiss
BT080048	304489.45	8604465.64	70	250	Pxn1	GRAN	Foliated, fine-grained granite.
BT080049	304176.45	8604126.64	45	230	Pxn	OZBX	Folded shear zone
BT080050	304220.45	8604190.63	50	303	Pxn	OZBX	Quartz-veined hematized breccia
BT080051	304251.45	8604223.64	51	4000	Pxn	OZBX	Quartz breccia
BT080052	304229.45	8604280.63	50	200	Pxn1	GRAN	Quartz-veined granite
BT080055	304258.45	8604229.64	51	7000	Pxn1	GRAN	Quartz-veined granite
BT080058	304272.45	8604289.63	64	300	Pxn1	GRAN	Highly chloritised granite
BT080059	304295.45	8604290.63	63	480	Pxn	OZBX	Quartz breccia zone
BT080060	304293.44	8604346.63	69	217	Pxn1	GRAN	Hematized and chloritised granite
BT080061	304326.44	8604308.64	61	500	Pxn1	GRAN	Hematized granite
BT080062	304333.45	8604301.63	60	3780	Pxn1	GRAN	Granite
BT080071	304107.45	8604113.64	24.1	168	Q	RGLT	Alluvium
BT080072	304122.45	8604107.64	24.1	182	Pxn	OZBX	Quartz-breccia and ferricrete
BT080073	304139.45	8604099.63	24.2	202	Pxn	OZBX	Quartz breccia
BT080074	304158.45	8604095.63	25	208	Pxn	OZBX	Quartz breccia
BT080075	304173.45	8604098.63	25.6	203	Pxn	OZBX	Quartz breccia
BT080076	304188.45	8604088.63	25.1	205	Q	RGLT	Quaternary colluvium
BT080077	304204.45	8604095.63	24.6	218	Q	RGLT	Quaternary colluvium
BT080078	304195.45	8604110.64	24.7	218	Pxn	OZBX	Quartz breccia
BT080079	304189.45	8604121.64	26	211	Pxn	OZBX	Quartz breccia
BT080080	304180.45	8604128.64	26.3	239	Pxn	OZBX	Quartz breccia
BT080081	304184.45	8604138.63	26.1	179	Pxn	GRAN	Chloritised and hematized granite
BT080082	304187.45	8604152.63	26.3	230	Pxn	GRAN	Chloritised and hematized granite
BT080083	304180.45	8604164.64	25.9	230	Pxn	OZBX	Quartz breccia
BT080084	304172.45	8604174.64	25.4	223	Q	RGLT	Colluvium
BT080085	304165.45	8604187.63	25.4	200	Q	RGLT	Colluvium
BT080086	304162.45	8604192.63	25.3	183	Pxn	OZBX	Quartz breccia
BT080087	304157.45	8604204.63	25.3	230	Q	RGLT	Colluvium
BT080088	304166.45	8604221.64	26.2	237	Q	RGLT	Colluvium
BT080089	304190.45	8604218.64	26.2	278	Pxn	OZBX	Quartz breccia
BT080090	304209.45	8604213.64	25.6	280	Pxn	GRAN	Chloritised granite
BT080091	304226.45	8604208.64	26.1	397	Pxm	GRAN	Chloritised and hematized granite
BT080092	304238.45	8604192.63	26.5	340	Pxn	GRAN	Chloritised and hematized sheared granite
BT080093	304246.45	8604183.63	24.8	250	Pxn	GRAN	Chloritised and hematized sheared granite
BT080094	304255.45	8604168.64	23.8	344	Q	RGLT	Colluvium
BT080095	304263.45	8604152.63	23	400	Pxn	GRAN	Hematized granite
BT080096	304278.45	8604140.63	23.9	598	Q	RGLT	Colluvium and alluvium
BT080097	304284.45	8604137.63	24.1	1065	Q	RGLT	Colluvium and alluvium
BT080098	304299.45	8604128.64	24.1	1522	Q	RGLT	Alluvium
BT080099	304315.44	8604116.64	25	1985	Q	RGLT	Alluvium
BT080100	304330.45	8604110.64	25	1518	Q	RGLT	Alluvium
BT080101	304341.45	8604097.63	24.8	1440	Q	RGLT	Alluvium
BT080102	304350.45	8604079.64	24.9	1100	Q	RGLT	Alluvium
BT080103	304375.45	8604082.63	25.1	771	Q	RGLT	Alluvium
BT080104	304396.45	8604092.63	25.2	535	Q	RGLT	Alluvium
BT080105	304353.45	8604066.64	25	900	Q	RGLT	Alluvium
BT080106	304351.45	8604045.63	25	840	Q	RGLT	Alluvium
BT080107	304353.45	8604025.64	24.9	560	Q	RGLT	Alluvium
BT080108	304355.45	8604003.63	25.2	323	Q	RGLT	Alluvium
BT080109	304367.45	8603988.63	25.3	220	Q	RGLT	Alluvium
BT080110	304379.45	8603976.64	26.7	186	Q	RGLT	Alluvium
BT080111	304412.45	8604007.64	25.6	214	Q	RGLT	Alluvium
BT080112	304412.45	8604026.64	25.5	314	Q	RGLT	Alluvium
BT080113	304414.44	8604045.63	25.2	470	Q	RGLT	Alluvium
BT080114	304411.45	8604065.64	25.1	450	Q	RGLT	Alluvium
BT080115	304397.45	8604106.64	25.5	520	Q	RGLT	Alluvium
BT080116	304385.45	8604126.64	25.5	630	Q	RGLT	Alluvium
BT080117	304373.45	8604142.63	24.5	970	Q	RGLT	Alluvium
BT080118	304367.45	8604157.64	26.8	1600	Q	RGLT	Alluvium
BT080119	304356.45	8604169.64	24.7	2244	Q	RGLT	Alluvium
BT080120	304344.45	8604191.63	24.2	2011	Q	RGLT	Alluvium
BT080121	304343.45	8604210.64	24.2	1836	Q	RGLT	Colluvium
BT080122	304320.45	8604222.64	25.9	2007	Q	RGLT	Colluvium
BT080123	304313.45	8604230.63	26.9	2360	Q	RGLT	Colluvium
BT080124	304299.45	8604239.63	29.2	1314	Pxn	GRAN	Hematized and chloritised sheared granite
BT080125	304280.45	8604248.63	29	7100	Pxn	GRAN	Chloritised and hematized granite
BT080126	304265.45	8604249.63	28.3	513	Pxn	GRAN	Chloritised and hematized granite
BT080127	304255.45	8604250.63	28.2	300	Pxn	GRAN	Chloritised and hematized granite
BT080128	304236.45	8604242.63	26.6	290	Pxn	GRAN	Chloritised and hematized granite
BT080129	304212.45	8604245.63	26.1	240	Pxn	GRAN	Hematized granite
BT080130	304184.45	8604259.64	28	190	Q	RGLT	Colluvium
BT080131	304170.45	8604260.64	27.6	169	Q	RGLT	Colluvium and Alluvium
BT080132	304182.45	8604309.64	29	180	Pxn	GRAN	Foliated granite
BT080133	304200.45	8604318.64	28.5	160	Q	FER	Ferricrete
BT080134	304214.45	8604322.64	28.5	190	Pxn	GRAN	Hematized granite
BT080135	304231.45	8604325.64	27.9	205	Pxn	GRAN	Hematized granite
BT080136	304246.45	8604321.64	27.6	230	Pxn	GRAN	Chloritised and hematized granite
BT080137	304262.45	8604318.64	27.6	250	Q	RGLT	Colluvium
BT080138	304271.44	8604316.64	28.7	250	Pxn	GRAN	Hematized granite
BT080139	304289.45	8604319.64	30.8	280	Pxn	GRAN	Chloritised and hematized granite
BT080140	304300.45	8604318.64	33.3	350	Pxn	GRAN	Chloritised and hematized granite
BT080142	304311.45	8604302.63	39.1	510	Q	RGLT	Colluvium
BT080143	304316.45	8604292.63	38.8	780	Pxn	GRAN	Granite
BT080144	304320.45	8604291.63	39.5	1418	Pxn	GRAN	Chloritised granite
BT080145	304321.45	8604289.63	39.5	2200	Pxn	GRAN	Chloritised and hematized granite
BT080146	304327.45	8604286.63	39.4	6406	Pxn	GRAN	Quartz veined hematized granite
BT080147	304336.45	8604273.64	37.4	4500	Q	RGLT	Colluvium
BT080148	304339.45	8604269.64	36.2	3857	Q	RGLT	Colluvium
BT080149	304341.45	8604255.64	30.7	4000	Q	RGLT	Colluvium
BT080150	304354.45	8604238.63	27.8	2000	Q	RGLT	Colluvium
BT080151	304365.45	8604231.63	25.7	1355	Pxn	GRAN	Chloritised and hematized granite
BT080152	304378.45	8604225.64	25.4	2500	Q	RGLT	Colluvium and alluvium
BT080153	304392.44	8604218.64	24.7	1209	Q	RGLT	Alluvium
BT080154	304410.45	8604209.64	24.8	600	Q	RGLT	Alluvium
BT080155	304424.45	8604202.63	24.9	433	Q	RGLT	Alluvium
BT080156	304477.45	8604190.63	26.3	380	Q	RGLT	Alluvium
BT080157	304450.45	8604187.63	26.8	290	Q	RGLT	Alluvium
BT080158	304463.45	8604176.64	26.1	230	Q	RGLT	Alluvium
BT080159	304478.45	8604168.64	26.1	209	Q	RGLT	Alluvium
BT080160	304493.45	8604161.64	26.3	205	Q	RGLT	Alluvium
BT080161	304508.45	8604150.63	26.5	212	Q	RGLT	Alluvium
BT080162	304524.44	8604145.63	25.9	211	Q	RGLT	Alluvium
BT080163	304538.45	8604133.63	25.5	180	Q	RGLT	Alluvium
BT080164	304551.45	8604154.63	24.6	175	Q	RGLT	Alluvium
BT080165	304543.45	8604182.63	25	235	Q	RGLT	Alluvium
BT080166	304539.45	8604192.63	25.1	218	Q	RGLT	Alluvium
BT080167	304531.44	8604204.63	25.1	240	Q	RGLT	Alluvium
BT080168	304525.45	8604223.64	26	222	Q	RGLT	Alluvium
BT080169	304516.45	8604236.63	26.3	253	Q	RGLT	Alluvium

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Total Counts Gamma recorded by RS125 scintillometer

sample number	E_GDA94	N_GDA94	RL_m	CPS	Max	formation	rock_type	lithology
BT080170	304509.44	8604250.63	26.6	240	Q	RGLT	Alluvium	
BT080171	304503.45	8604266.64	26.6	255	Q	RGLT	Alluvium	
BT080172	304498.45	8604277.64	27.5	266	Q	RGLT	Alluvium	
BT080173	304473.45	8604293.63	27.9	250	Q	RGLT	Alluvium	
BT080174	304473.45	8604304.63	27.8	216	Pxn	GRAN	Foliated granite	
BT080175	304479.45	8604321.64	28	215	Pxn	GRAN	Fine-grained granite	
BT080176	304467.45	8604329.63	28.1	253	Pxn	GRAN	Hematized granite	
BT080177	304465.44	8604335.63	28	248	Pxn	GRAN	Hematized granite	
BT080178	304462.45	8604343.63	29.9	257	Pxn	GRAN	Hematized granite	
BT080179	304452.45	8604349.63	32.1	271	Pxn	GRAN	Hematized granite	
BT080180	304446.45	8604363.64	35.5	258	Pxn	GRAN	Hematized granite	
BT080181	304441.45	8604368.64	37.6	171	Pxn	GRAN	Granite	
BT080182	304437.45	8604373.64	40.3	157	Pxn	GRAN	Quartz veined granite	
BT080183	304429.45	8604382.63	42	235	Pxn	GRAN	Granite	
BT080184	304419.45	8604398.63	46	200	Pxn	GRAN	Granite	
BT080185	304416.45	8604404.63	48	180	Pxn	GRAN	Granite	
BT080186	304405.45	8604412.64	49	200	Pxn	GRAN	Granite	
BT080187	304399.45	8604422.64	49	175	Pxn	GRAN	Granite	
BT080188	304393.45	8604423.64	47	200	Pxn	GRAN	Granite	
BT080189	304392.44	8604429.63	48	187	Pxn	GRAN	Granite	
BT080190	304387.45	8604446.63	46	186	Pxn	GRAN	Granite	
BT080191	304381.44	8604455.64	45	130	Pxn	GRAN	Granite	
BT080192	304365.45	8604465.64	42	160	Pxn	GRAN	Foliated granite	
BT080193	304341.45	8604421.64	35	168	Pxn	GRAN	Granite	
BT080194	304341.45	8604409.64	35	153	Pxn	GRAN	Granite	
BT080195	304342.45	8604396.63	34	204	Pxn	GRAN	Weathered granite	
BT080196	304342.45	8604388.63	34	213	Pxn	GRAN	Granite	
BT080197	304340.45	8604374.64	34	241	Pxn	GRAN	Granite	
BT080198	304346.45	8604370.64	36	222	Pxn	GRAN	Chloritised and hematized granite	
BT080199	304346.45	8604364.64	37	250	Pxn	GRAN	Chloritised and hematized granite	
BT080200	304357.45	8604354.63	40	250	Pxn	GRAN	Chloritised and hematized granite	
BT080201	304364.45	8604349.63	42	266	Pxn	GRAN	Chloritised and hematized granite	
BT080202	304372.45	8604349.63	42	260	Pxn	GRAN	Chloritised and hematized granite	
BT080203	304370.44	8604346.63	43	251	Pxn	OZBX	Quartz breccia	
BT080204	304375.45	8604341.63	43	250	Pxn	GRAN	Chloritised and hematized granite	
BT080205	304382.45	8604332.63	42	420	Pxn	GRAN	Chloritised and hematized granite	
BT080206	304391.45	8604325.64	39	500	Pxn	GRAN	Hematized granite	
BT080207	304398.45	8604325.64	38	375	Pxn	GRAN	Hematized granite	
BT080208	304404.45	8604324.64	36	450	Pxn	GRAN	Hematized granite	
BT080209	304403.44	8604309.64	32	600	Pxn	GRAN	Hematized granite	
BT080210	304406.45	8604302.63	29	550	Pxn	GRAN	Hematized granite	
BT080211	304403.44	8604294.63	29	560	Pxn	GRAN	Hematized granite	
BT080212	304384.45	8604271.64	29	740	Pxn	GRAN	Hematized granite	
BT080213	304383.45	8604251.63	26	1500	Q	RGLT	Colluvium	
BT080214	304375.45	8604236.63	26	1026	Q	RGLT	Alluvium	
BT080215	304365.45	8604225.64	26	1300	Q	RGLT	Alluvium	
BT080216	304355.45	8604212.64	26	2000	Q	RGLT	Alluvium	
BT080217	304340.45	8604192.63	24	2040	Q	RGLT	Alluvium	
BT080218	304334.45	8604177.64	24	2000	Q	RGLT	Alluvium	
BT080219	304319.45	8604164.64	24	2100	Q	RGLT	Alluvium	
BT080220	304311.45	8604154.63	24	1580	Q	RGLT	Alluvium	
BT080221	304297.45	8604140.63	25	1350	Q	RGLT	Alluvium	
BT080222	304287.45	8604125.64	24	1260	Q	RGLT	Alluvium	
BT080223	304297.45	8604112.64	24	1154	Q	RGLT	Alluvium	
BT080224	304263.45	8604100.63	24	820	Q	RGLT	Alluvium	
BT080225	304252.45	8604086.63	25	530	Q	RGLT	Alluvium	
BT080226	304244.45	8604075.64	25	400	Q	RGLT	Alluvium	
BT080227	304235.45	8604055.64	24	450	Q	RGLT	Alluvium	
BT080228	304227.45	8604040.63	24	692	Q	RGLT	Alluvium	
BT080229	304215.45	8604024.64	24	725	Q	RGLT	Alluvium	
BT080230	304203.45	8604007.64	25	480	Q	RGLT	Alluvium	
BT080231	304194.45	8603995.63	24	315	Q	RGLT	Alluvium	
BT080232	304189.45	8603982.64	24	212	Q	RGLT	Alluvium	
BT080233	304177.45	8603971.64	24	142	Q	RGLT	Alluvium	
BT080234	304169.45	8603957.64	24	130	Q	RGLT	Alluvium	
BT080235	304158.45	8603945.63	25	130	Q	RGLT	Alluvium	
BT080236	304176.45	8604126.64	27	230	Pxn	GRAN	Sheared, strongly hematized granite	
BT080237	304227.45	8604260.64	26	270	Pxn	GRAN	Chloritised sheared granite	
BT080238	304229.45	8604280.63	27	200	Pxn	GRAN	Quartz veined granite	
BT080239	304230.45	8604302.63	27	1050	Pxn	GRAN	Foliated granite	
BT080240	304242.45	8604245.63	27	316	Pxn	GRAN	Chloritised granite	
BT080241	304246.45	8604218.64	26	2000	Pxn	OZBX	Hematized quartz breccia	
BT080242	304248.45	8604240.63	27	430	Pxn	GRAN	Granite	
BT080243	304252.45	8604220.64	26	5200	Pxn	OZBX	Quartz breccia	
BT080244	304255.45	8604217.64	26	2075	Pxn	OZBX	Quartz breccia	
BT080245	304255.45	8604278.64	28	300	Pxn	GRAN	Hematized quartz-veined granite	
BT080246	304257.45	8604217.64	26	1500	Pxn	GRAN	Chloritised sheared granite	
BT080247	304257.45	8604231.63	27	2500	Pxn	GRAN	Quartz-veined chloritised granite	
BT080248	304264.45	8604269.64	29	360	Pxn	GRAN	Granite	
BT080249	304266.45	8604219.64	26	1580	Pxn	GRAN	Chloritised granite	
BT080250	304271.44	8604258.64	29	680	Pxn	OZBX	Chloritised quartz breccia	
BT080251	304272.45	8604289.63	30	300	Pxn	GRAN	Highly chloritised granite	
BT080252	304277.45	8604256.64	29	1541	Pxn	GRAN	Sheared granite	
BT080253	304295.45	8604237.63	28	1366	Pxn	GRAN	Sheared granite	
BT080254	304314.45	8604243.63	30	1525	Pxn	GRAN	Hematized and chloritised granite	
BT080255	304314.45	8604264.64	35	3000	Pxn	GRAN	Quartz veined granite	
BT080256	304317.45	8604319.64	37	380	Pxn	GRAN	Hematized granite	
BT080257	304320.45	8604311.64	40	420	Pxn	GRAN	Foliated granite	
BT080258	304326.44	8604308.64	41	500	Pxn	GRAN	Hematized granite	
BT080259	304330.45	8604341.63	37	280	Pxn	GRAN	Granite	
BT080260	304333.45	8604299.63	42	6040	Pxn	GRAN	Sheared granite	
BT080261	304333.45	8604301.63	42	3780	Pxn	GRAN	Hematized granite	
BT080262	304337.44	8604338.63	39	320	Pxn	GRAN	Granite	
BT080263	304338.45	8604298.63	42	15000	Pxn	GRAN	Sheared, hematized and chloritised granite	
BT080264	304342.45	8604289.63	41	6377	Pxn	GRAN	Sheared hematized granite	
BT080265	304345.45	8604331.63	42	360	Pxn	GRAN	Hematized granite	
BT080266	304349.45	8604337.64	42	360	Pxn	GRAN	Granite	
BT080267	304358.45	8604319.64	43	1587	Pxn	GRAN	Chloritised granite	
BT080268	304361.45	8604315.64	42	9315	Pxn	GRAN	Chloritised sheared granite	
BT080269	304364.45	8604310.64	41	2570	Pxn	GRAN	Chloritised hematized granite	
BT080270	304367.45	8604308.64	41	2250	Pxn	GRAN	Chloritised granite	
BT080271	304478.45	8604470.64	56	190	Pxn	GRAN	Foliated granite	
BT080272	304489.45	8604465.64	53	250	Pxn	GRAN	Foliated, fine-grained granite	