

Cameco Australia Pty. Ltd.
Beatrice Project EL 24291 - Airborne Radiometric Anomalies - Locations and Descriptions
Beatrice Project EL 26796

Anomaly ID	E_GDA94	N_GDA94	Priority	Year	Indicated Formation	Initial Geophysical Description	TC cps	eK percent	eU ppm	eTh ppm	UU Th
BT09_ARAD_1	302870	8605902	1	2009	Pxn>m	Strong isolated U anomaly 2 km NW of Beatrice situated on NE trending Dol and mapped -Pxn>m	3863	2.09	10.78	11.39	10.20
BT09_ARAD_2	297218	8608415	2	2009	Pxn>m	Strong U anomaly on Beatrice Fault/Dolerite where basement (-Pxn>m) has also been mapped and close to intersection with Bulman Fault and correlates with a mag low	1748	0.16	8.84	4.26	18.36
BT09_ARAD_3	296301	8608204	2	2009	Pxn>m	Strong U anomaly on Beatrice Fault/Dolerite where basement (-Pxn>m) has also been mapped and close to intersection with Bulman Fault, and correlates with a Mag low	1872	0.38	8.27	4.05	16.90
BT09_ARAD_4	303623	8606851	2	2009	Pxn>m	Weak U anomaly 2.7 km NNW of Beatrice possibly proximal to inferred (magnetics) NS structure with -Pxn>m. VTEM inversion suggests conductor 200m to the East and at ~200m depth	1488	0.87	4.77	3.50	6.50
BT09_ARAD_5	307847	8607974	2	2009		Moderate U anomaly possibly related to cover/drainage on NNW structure (mapped and inferred from magnetics - good termination)	2530	0.47	12.00	6.07	23.73
BT09_ARAD_6	299406	8603391	2	2009		Weak U anomaly over sandstone with proximal mapped NW shears and NE inferred fault from the magnetics	1183	0.10	5.16	4.46	5.98
BT09_ARAD_7	292679	8608202	2	2009	Pe and Pxm>2	Moderate U anomaly on Beatrice Fault / Dolerite in sandstone valley proximal to basement outcrop (-Pe and Pxm>2)	1522	0.34	7.61	3.48	16.64
BT09_ARAD_8	313053	8597299	2	2009	Phe	Moderate UU/Th anomaly associated with a NW/SE trending U/Umean anomaly, Located within sandstone, possible exposure of regolith.	1563	0.25	6.08	5.74	6.44
BT09_ARAD_9	308356	8607431	3	2009		Strong U anomaly possibly related to cover/drainage on NNW structure (mapped and inferred from magnetics)	4696	1.45	19.66	10.24	37.73
BT09_ARAD_10	309632	8607868	3	2009		Strong U anomaly possibly related to cover/drainage	4562	1.62	19.61	8.68	44.34
BT09_ARAD_11	315515	8608905	3	2009	Pxn	Isolated strong U anomaly on Beatrice Fault with mapped NS fault (small offset?). Located on - Pxn with sandstone edge (also -Pkk 700m to the east and -Pe? 1 km to the west)	2187	0.44	10.35	7.08	15.12
BT09_ARAD_12	313607	8608698	3	2009	Pxn>m	Isolated moderate U anomaly on Beatrice Fault with -Pxn>m (-Pe? 1 km to the ESE)	2410	0.57	9.11	7.87	10.53
BT09_ARAD_13	308350	8594949	3	2009	Phe	Weak U anomaly over sandstone and proximal to NW structure / dolerite	1013	0.11	4.66	2.68	8.12
BT09_ARAD_14	305352	8608799	3	2009	Pxn>m	Moderate U anomaly on Beatrice fault with mapped -Pxn>m (appears to be associated with rise in both K and Th	2551	0.69	10.09	8.17	12.48
BT09_ARAD_15	306452	8594292	4	2009	Pdo	Weak U anomaly in valley of weathered dolerite on NW fault from mapping and inferred from magnetics	803	0.41	4.25	2.09	8.62
BT09_ARAD_16	306921	8594188	4	2009	Pdo	Weak U anomaly in valley of weathered Dolerite on NS structure (mapping and magnetics)	642	0.34	3.23	1.85	5.64
BT09_ARAD_17	307185	8594094	4	2009	Pdo	Weak U anomaly in valley of weathered dolerite	966	0.48	3.95	2.03	7.67
BT09_ARAD_18	320892	8595099	4	2009		U/Umean, UU/Th anomaly located in Cainozoic terrain	2367	0.56	11.02	5.86	20.74
BT09_ARAD_19	320595	8596706	4	2009	Pdo	U/Umean and weak U/Th anomaly in a Dolerite terrain	1255	0.39	5.18	3.96	6.78
BT09_ARAD_20	293537	8592103	1	2009	Pdo	Strong U anomaly located over sandstone possibly associated with Dolerite	2185	0.17	12.56	1.83	86.06
BT09_ARAD_21	292868	8592502	1	2009	Pdo	Strong U anomaly located over sandstone possibly associated with Dolerite	2912	0.15	15.87	4.38	57.53
BT09_ARAD_22	291284	8592900	2	2009	Pdo	Moderate U anomaly located over sandstone possibly associated with Dolerite	2273	0.21	11.60	3.95	34.05