

**Cameco Australia Pty. Ltd.****Manyalluluk EL 9452 - Checked Airborne Radiometric Anomalies**

ARAD Anomaly Number	Number of Stations	Indicated Rock Formation	Geophysical Description of Anomaly from Radiometrics	Rock Formation at Station	Max Gamma Cps (bkgd)	Max Gamma Cps (max)
MLR001	3	-Peg>a	Isolated U (U, U/Th, U/Uav) with K/Kav anomaly	-Peg	500	1800
MLR002	1	-Phk>g	U (UU/Th, U, U/Uav) and K/Kav anomaly within Gilruth with Rad trending NE	-Phr	50	50
MLR002	1	-Phk>g	U (UU/Th, U, U/Uav) and K/Kav anomaly within Gilruth with Rad trending NE	-Phrg	150	220
MLR003	1	-Phk>g	U (U, U/Uav, UU/Th) and K/Kav anomaly within Gilruth on NE trending fault	-Phn	250	250
MLR003	1	-Phk>g	U (U, U/Uav, UU/Th) and K/Kav anomaly within Gilruth on NE trending fault	-Phr	50	50
MLR004	1	-Phk>2	U (U, U/Uav, UU/Th) anomaly located on Gov "marker bed" line	-Phr	60	150
MLR005	2	-Phk>1	U (U, U/Uav, UU/Th) anomaly at Phk1/Peh fault? boundary	-Peh	500	1250
MLR006	3	-Peh	U (U, U/Uav, UU/Th) and K/Kav anomaly at Phk2/Peh fault boundary	-Peh	300	390
MLR006	2	-Peh	U (U, U/Uav, UU/Th) and K/Kav anomaly at Phk2/Peh fault boundary	-Phn	200	250
MLR006	1	-Peh	U (U, U/Uav, UU/Th) and K/Kav anomaly at Phk2/Peh fault boundary	-Phr	50	50
MLR007	1	-Phk>1	U (U, U/Uav, UU/Th) with K/Kav anomaly on edge of Phk/Peg-e and NE fault	-Peg	300	300
MLR007	2	-Phk>1	U (U, U/Uav, UU/Th) with K/Kav anomaly on edge of Phk/Peg-e and NE fault	-Phe	85	85
MLR008	1	-Phk>2	U (U, U/Uav, UU/Th) anomaly with K/kav anomaly located on Gov "marker bed" line	-Phl	70	210
MLR009	1	-Phk>1	U (U, UU/Th, U/Uav) with K/Kav anomaly at Phk1/Peg>d boundary proximal to ENE fault	-Peg	350	350
MLR009	1	-Phk>1	U (U, UU/Th, U/Uav) with K/Kav anomaly at Phk1/Peg>d boundary proximal to ENE fault	-Pep	250	350
MLR009	1	-Phk>1	U (U, UU/Th, U/Uav) with K/Kav anomaly at Phk1/Peg>d boundary proximal to ENE fault	-Phe	60	60
MLR011	1	-Phk>2	U (U, U/Uav, UU/Th) with K/Kav anomaly within Phk2 on NE trending fault zone and "marker bed"	-Phl	60	60
MLR011	1	-Phk>2	U (U, U/Uav, UU/Th) with K/Kav anomaly within Phk2 on NE trending fault zone and "marker bed"	-Phrg	180	410
MLR013	2	-Peg>d	Isolated U anomaly (UU/Th, UU/Uav, U) proximal to NS lineament	-Peg	500	580
MLR014	2	-Phk>1	Isolate U high (U/Uav, UU/Th, U) within sst, possibly remanent Phn?	-Peh	500	2000
MLR015	1	-Peg>d	U and UU/Th v.high with weak U/Uav with Peg	Czl	450	500
MLR015	2	-Peg>d	U and UU/Th v.high with weak U/Uav with Peg	-Peg	1100	3800
MLR016	1	-Peg>d	Mod U anomaly (U, U/Uav UU/Th) with NE trend and proximal to ENE lineament,	-Peg	600	700
MLR017	1	-Phk>2	U (UU/Th, U, U/Uav) anomaly within sst close to Gilruth with Rad trending NE on ENE fault	-Phr	40	40
MLR017	1	-Phk>2	U (UU/Th, U, U/Uav) anomaly within sst close to Gilruth with Rad trending NE on ENE fault	-Phrg	130	190
MLR018	1	-Phk>2	U (UU/Th, U, U/Uav) anomaly within sst close to Gilruth with Rad trending NE on ENE fault	-Phr	65	65
MLR018	1	-Phk>2	U (UU/Th, U, U/Uav) anomaly within sst close to Gilruth with Rad trending NE on ENE fault	-Phrg	190	220
MLR019	1	-Phk>g	U (UU/Th, U, U/Uav) anomaly within sst close to Gilruth with Rad trending NE on ENE fault	-Phrg	80	130
MLR020	1	-Phk>1	U (U, U/Uav, UU/Th) anomaly within sst proximal to Phkb on NE trending lineament	-Phn	150	200
MLR020	1	-Phk>1	U (U, U/Uav, UU/Th) anomaly within sst proximal to Phkb on NE trending lineament	-Phr	50	50
MLR021	1	-Phk>g	U (U, U/Uav, UU/Th) anomaly within Gilruth on NE trending fault	-Phl	55	55
MLR021	1	-Phk>g	U (U, U/Uav, UU/Th) anomaly within Gilruth on NE trending fault	-Phrg	150	150
MLR024	1	-Phg	Strong U/Uav UU/Th anomaly on NE structure (part of broad zone?) edge of EL	-Phg	75	75
MLR024	1	-Phg	Strong U/Uav UU/Th anomaly on NE structure (part of broad zone?) edge of EL	-Phw	75	75
MLR025	1	-Phc	U (U, UU/Th, U/Uav) anomaly trending NE	-Phc	140	140
MLR031	1	-Phk>1	U/Uav anomaly within sst on ENE trending fault	-Phe	40	40
MLR032	1	-Phm	U/Uav anomaly within Phm	Czl	70	120
MLR032	1	-Phm	U/Uav anomaly within Phm	-Phl	50	50
MLR033	1	-Phk>2	Weak U (U, U/Uav, UU/Th) with weak K/Kav within Phk2 on "marker bed"	-Phl	70	70
MLR033	1	-Phk>2	Weak U (U, U/Uav, UU/Th) with weak K/Kav within Phk2 on "marker bed"	-Phr	50	70
MLR033	1	-Phk>2	Weak U (U, U/Uav, UU/Th) with weak K/Kav within Phk2 on "marker bed"	-Phrg	170	210
MLR034	1	Qa	Weak U (U, U/Uav, UU/Th) anomaly within Phk2	Cz	750	1150
MLR034	1	Qa	Weak U (U, U/Uav, UU/Th) anomaly within Phk2	K	150	150
MLR034	1	Qa	Weak U (U, U/Uav, UU/Th) anomaly within Phk2	-Phl	70	70
MLR039	2	-Peg>d	Strong U (U, U/Uav, UU/Th) anomaly	-Peg	800	2600
MLR046	1	-Peg>d	Mod U with UU/Th anomaly on ENE lineament	-Peg	480	580
MLR047	2	-Phk>1	UU/Th anomaly within sst on NW lineament and proximal to ENE fault	-Phe	60	100
MLR047	1	-Phk>1	UU/Th anomaly within sst on NW lineament and proximal to ENE fault	-Phr	40	40
MLR050	1	-Phk>b	UU/Th and U anomaly within Phkb on NE trending structure	-Phn	120	120
MLR052	1	-Phk>1	UU/Th anomaly at Phk1/Peh fault? boundary	-Peh	80	80
MLR053	1	-Phk>2	Weak UU/Th anomaly within sst	-Phr	45	45
MLR055	1	-Phk>b	Weak U (UU/Th, U/Uav, U) with K/Kav anomaly within Phkb/Qa	-Phn	130	150
MLR060	2	-Peg>d	U (U, U/Uav, UU/Th) anomaly trending NE	-Peg	800	1150
MLR074	1	-Phk>b	Slight U anomaly but mostly K/Kav	-Phn	170	170
MLR079	1	-Peg>a	U and UU/Th v.high with weak U/Uav anomaly. Arad trending SW. Situated on WSW structure. (associated anomaly 500 m to SW?)	-Peg	450	500
MLR079	1	-Peg>a	U and UU/Th v.high with weak U/Uav anomaly. Arad trending SW. Situated on WSW structure. (associated anomaly 500 m to SW?)	-Pep	300	300
MLR081	1	Czs	Strong UU/Th with weak U/Uav to north anomaly possibly associated with broad Phd anomaly	-Phd	250	400
MLR081	1	Czs	Strong UU/Th with weak U/Uav to north anomaly possibly associated with broad Phd anomaly	-Phs	100	100
MLR082	1	-Peg>d	U/Uav with weak UU/Th	-Peg	450	520
MLR086	1	Kl	UU/Th with weak U/Uav to north anomaly possibly associated with broad Phd anomaly	-Phd	110	145
MLR090	1	-Phk>b	UU/Th on edge of Phk2	-Phn	150	150
MLR096	1	Kl	Mod UU/Th	Czl	80	80
MLR102	1	Kl	U/Uav anomaly	K	250	370
MLR102	1	Kl	U/Uav anomaly	-Phe	50	50
MLR107	2	Kl	U (U, U/Uav, UU/Th) and K/Kav anomaly	-Phw	100	140