

**Cameco Australia Pty. Ltd.**

**Namarrkon Project EL23700 - Outcrop Sample TSA Minerals**

Sample Number	Lithology	TSA Mineral 1	TSA Weight 1	TSA Mineral 2	TSA Weight 2	TSA Error	Signal to Noise	AIOH Crystallinity	Kaolinite Crystallinity
NM050001	SDST	Gypsum	1	NULL	NULL	1418.23	1251.36	0.22	0.997
NM050002	SDST	Kaolinite	1	NULL	NULL	551.02	889.59	1.014	1.006
NM050003	SDST	Illite	1	NULL	NULL	131.69	564.97	1.282	0.991
NM050013	SDST	Illite	0.639	Kaolinite	0.361	57.807	999.98	1.68	1.014
NM050030	SDST	Aspectral	NULL	NULL	NULL	5000	931.5	0.083	1.006
NM050031	SDST	Kaolinite	1	NULL	NULL	106.54	487.66	1.255	1.027
NM050032	SDST	Aspectral	NULL	NULL	NULL	5000	528.41	0.218	1.001
NM060004	PEST	Illite	1	NULL	NULL	126.72	2765.81	1.927	0.988
NM060005	DOL	MgChlorite	1	NULL	NULL	126.39	1035.32		1.017
NM060006	SDST	Kaolinite	1	NULL	NULL	89.438	2143.39	2.084	1.073
NM060007	SDST	Paragonite	1	NULL	NULL	92.135	2161.17	2.555	0.948
NM060008	SDST	Kaolinite	0.583	Illite	0.417	96.829	2640.52	2.686	1.028
NM060009	SDST	Kaolinite	0.646	Paragonite	0.354	110.41	2221.94	1.1	1.007
NM060010	SDST	Diaspore	0.537	Kaolinite	0.463	99.447	1841.82	0.97	1.045
NM060023	SOIL	Halloysite	1	NULL	NULL	243.2	2512.66	1.39	1.008
NM060024	DOL	Kaolinite	1	NULL	NULL	312.48	1983.81	0.918	1.018
NM070206	SDST	Halloysite	1	NULL	NULL	4124.88	3362.01	0.432	1.405
NM080529	SDST	Halloysite	1	NULL	NULL	1661.82	515.88	0.481	1.767
NM080530	SDST	DryVegetation	0.507	Kaolinite	0.493	241.65	915.88	0.46	1.917
NM080531	SDST	Kaolinite	0.654	Opal	0.346	112.28	687.8	0.908	2.731
NM080532	SDST	Wood	0.71	Halloysite	0.29	201.07	839.18	0.453	1.652
NM080533	SDST	Kaolinite	1	NULL	NULL	303.77	766.41	2.928	3.037