

Cameco Australia Pty. Ltd.
Beatrice EL 24291 - Sample ASD TSA Minerals

Sample Number	Lithology	Formation	TSA Mineral 1	TSA Weight 1	TSA Mineral 2	TSA Weight 2	TSA Error	Signal to Noise	AlOH Crystallinity	Kaolinite Crystallinity
BT080001	Laminated sandstone. Slightly hematized. Sub-horizontal bedding.	Phe2	Illite	1	NULL	NULL	393.89	1128.88	0.889	1.701
BT080002	Oenpelli Dolerite, saussuritised feldspars. Weak chloritisation.	Pdo	Illite	1	NULL	NULL	681.27	461	1.115	0.621
BT080003	Moderately foliated tonalite gneiss	Pxn	Muscovite	0.549	Prehnite	0.451	340.21	604.6	1.493	2.882
BT080004	Quartz-veined silicified orthogneiss	Pxn	Illite	1	NULL	NULL	168.34	934.43	1.692	2.149
BT080005	Medium-grained hematized sandstone	Phe	Aspectral	NULL	NULL	NULL	5000	1254.74	0.492	1.189
BT080006	Weakly hematized, highly-silicified sandstone	Phe	Aspectral	NULL	NULL	NULL	5000	675.5	0.344	0.85
BT080007	Weathered orthogneiss	Pxn	Halloysite	0.516	Paragonite	0.484	116.59	753.09	2.394	19.119
BT080008	Basal unit of Mamadawerre Sandstone, at unconformity. Strongly hematized.	Phe1	Paragonite	0.521	Wood	0.479	298.57	892.18	0.566	1.611
BT080009	Medium-grained bi-hb-qz monzodiorite gneiss	Pxn	Aspectral	NULL	NULL	NULL	5000	463.94	NULL	0.828
BT080010	Extremely silicified, moderately hematized sandstone.	Phe	Illite	0.686	K Alunite	0.314	389.31	590.1	0.877	9.734
BT080011	Porphyritic, foliated granite	Pgt	Halloysite	1	NULL	NULL	1068.32	772.53	0.898	1.733
BT080012	Ferruginised quartz breccia	Pxn	Illite	1	NULL	NULL	484.56	1059.4	1.317	25.901
BT080013	Strongly chloritised sheared granite	Pxn	Illite	1	NULL	NULL	134.55	718.34	1.027	13.296
BT080014	Strongly hematized and chloritised granite	Pxn	Illite	1	NULL	NULL	151.01	887.13	1.198	2.691
BT080015	Hornblende-biotite granodiorite gneiss	Pxn	Illite	0.66	Prehnite	0.34	247.26	700.03	1.257	1.449
BT080016	Weakly-foliated porphyritic granite	Pxn1	FeChlorite	1	NULL	NULL	284.05	457.13	0.612	1.366
BT080017	Highly-foliated QZ-BT gneiss	Pxn	Aspectral	NULL	NULL	NULL	5000	564.09	0.506	1.502
BT080018	Strongly foliated, garnetiferous paragneiss	Pxn	Biotite	0.778	IntChlorite	0.222	21.198	537.84	NULL	1.632
BT080019	Poorly foliated monzo-granite.	Pxn1	Illite	0.614	Prehnite	0.386	290.83	524.02	1.699	3.603
BT080020	Hematized and bleached, fine-medium grained sandstone	Phe	Halloysite	1	NULL	NULL	930.75	984.33	1.248	1.445
BT080021	Hematized and bleached sandstone	Phe	Halloysite	1	NULL	NULL	441.99	811.11	0.652	2.657
BT080022	Hematized medium-grained sandstone	Phe	Illite	0.561	Halloysite	0.439	405.1	1159.03	1.646	6.5
BT080023	Very leached, silicified sandstone	Phe	Illite	1	NULL	NULL	579.02	1049.89	0.689	1.681
BT080024	Very bleached and silicified sandstone	Phe	Halloysite	0.564	Illite	0.436	189.86	1094.5	1.988	5.579
BT080025	Fine-grained, moderately hematized sandstone	Phe	Halloysite	1	NULL	NULL	390.8	1023.73	2.498	2.591
BT080026	Brown soil	Q	Halloysite	1	NULL	NULL	860.84	701.07	0.698	2.298