

# Cameco Australia Pty. Ltd.

## Manyalluluk EL 9452 - PIMA Analysis: TSG (The Spectral Assistant)

Sample	Pima File (*.fos)	TSA Error	Crystallinity		Kandite Group			Sericite Group				Chlorite Group			Others		
			Kaol_XT	AlOH_XT	Kaolinite	Dickite	Halloysite	Illite	Muscovite	Phengite	Paragonite	IntChlorite	MgChlorite	FeChlorite	Biotite	Gypsum	Tourmaline
ML04C10200	ML04C1A0200	42.982	0.793	3.48		1											
ML04C10201	ML04C1A0201	264.604	0.997	0.791				0.806									
ML04C10202	ML04C1A0202	155.9	1.005	1.842				1									
ML04C10203	ML04C1A0203	104.231	1.006	1.539	0.317			0.683									
ML04C10204	ML04C1A0204	76.548	1.039	2.003	1												
ML04C10205	ML04C1A0205	81.864	1.025	1.532	0.561			0.439									
ML04C10206	ML04C1A0206	-1	1.008	0.309													
ML04C10207	ML04C1A0207	137.096	1.038	0.52	0.562												
ML04C10208	ML04C1A0208	12.893	0.976	1.991				0.786			0.214						
ML04C10209	ML04C1A0209	98.032	1.03	2.026	1												
ML04C10210	ML04C1A0210	257.196	1.004	0.681				0.878								0.122	
ML04C10211	ML04C1A0211	232.254	1	0.81				1									
ML04C10213	ML04C1A0213	-1	1.005	0.201													
ML04C10214	ML04C1A0214	133.278	1.01	1.216	0.419			0.581									
ML04C10215	ML04C1A0215	112.415	1.007	1.262				1									
ML04C10217	ML04C1A0217	70.447	1.014	0.159													
ML04C10218	ML04C1A0218	63.555	0.977	1.172				0.633			0.367						
ML04C10219	ML04C1A0219	-1	1	0.423													
ML04C10220	ML04C1A0220	87.143	1.001	0.0615													
ML04C10221	ML04C1A0221	556.184	1.005	0.488				0.856								0.144	
ML04C10222	ML04C1A0222	132.815	1.037	0.915	0.553				0.447								
ML04C10223	ML04C1A0223	131.966	0.984	0.823					0.59					0.41			
ML04C10225	ML04C1A0225	29.742	1.009	0.689				1									
ML04C10226	ML04C1A0226	42.886	1.032	2.596	1												
ML04C10227	ML04C1A0227	64.718	1.001	2.521	0.218			0.782									
ML04C10228	ML04C1A0228	-1	0.988	0.582													
ML04C10229	ML04C1A0229	52.304	1.024	2.555	1												
ML04C10230	ML04C1A0230	87.668	1.005	1.939	0.237			0.763									
ML04C10231	ML04C1A0231	135.607	0.991	0.969				1									
ML04C10233	ML04C1A0233	85.033	1.008	3.811	1												
ML04C10234	ML04C1A0234	-1	1.006	0.0631													
ML04C10237	ML04C1A0237	-1	0.989	0.109													
ML04C10238	ML04C1A0238	39.489	1.03	1.408	0.389				0.611								
ML04C10239	ML04C1A0239	143.744	1.02	0.838			0.47	0.53									
ML04C10241	ML04C1A0241	74.091	1.016	1.07					1								
ML04C10242	ML04C1A0242	74.221	0.973	1.413	1												
ML04C10243	ML04C1A0243	39.169	0.99	1.656	0.174			0.826									
ML04C10244	ML04C1A0244	123.828	0.996	1.025	1												
ML04C10245	ML04C1A0245	72.773	1.003	1.068			0.245	0.755									

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ML04C10246	ML04C1A0246	52.647	0.984	1.515					1								
ML04C10247	ML04C1A0247	384.892	1.02	0.518												0.28	
ML04C10248	ML04C1A0248	73.366	1.016	0.943				0.623		0.377							
ML04C10249	ML04C1A0249	79.919	0.993	0.872			0.216		0.784								
ML04C10250	ML04C1A0250	56.01	0.997	0.932				0.551		0.449							
ML04C10251	ML04C1A0251	259.845	0.986	0.189										0.869			
ML04C10252	ML04C1A0252	505.08	1.013	0.589				0.562					0.438				
ML04C10253	ML04C1A0253	79.668	1.02	0.799				0.709					0.291				
ML04C10254	ML04C1A0254	52.074	1.017	1.199			0.196		0.804								
ML04C10255	ML04C1A0255	202.613	0.997	0.641	1												
ML04C10256	ML04C1A0256	50.81	0.954	0.998				0.68		0.32							
ML04C10257	ML04C1A0257	47.202	0.957	1.191				1									
ML04C10258	ML04C1A0258	91.804	1.006	1.286					1								
ML04C10259	ML04C1A0259	46.041	0.998	2.46					0.516		0.484						
ML04C10260	ML04C1A0260	81.191	1.002	1.427				1									
ML04C10261	ML04C1A0261	87.33	1.023	1.41					1								
ML04C10262	ML04C1A0262	-1	1.007	0.231													
ML04C10263	ML04C1A0263	67.55	0.96	1.591	0.714												
ML04C10264	ML04C1A0264	157.177	1.013	0.842				1									
ML04C10265	ML04C1A0265	220.947	1.028	0.661	0.704								0.296				
ML04C10266	ML04C1A0266	191.792	1.017	0.859	1												
ML04C10267	ML04C1A0267	141.657	1	1.105				1									
ML04C10268	ML04C1A0268	261.281	1.003	0.539					0.821							0.179	
ML04C10269	ML04C1A0269	341.085	1.038	0.414	0.62									0.38			
ML04C10270	ML04C1A0270	172.859	1.02	0.575	1												
ML04C10271	ML04C1A0271	-1	1.001	0.326													
ML04C10272	ML04C1A0272	30.902	1.082	3.116	0.842				0.158								
ML04C10275	ML04C1A0275	243.068	1.002	0.377						0.175				0.825			
ML04C10276	ML04C1A0276	-1	1.01	0.437													
ML04C10277	ML04C1A0277	200.917	1.035	0.797			1										
ML04C10278	ML04C1A0278	121.213	1.027	0.714			0.438		0.562								
ML04C10279	ML04C1A0279	309.094	0.98	0.472				0.808									
ML04C10280	ML04C1A0280	91.384	1.045	0.994			0.382		0.618								
ML04C10281	ML04C1A0281	63.894	1.047	0.971			0.357		0.643								
ML04C10282	ML04C1A0282	165.645	1.035	1.265	1												
ML04C10284	ML04C1A0284	93.474	1.047	1.634	0.629				0.371								
ML04C10285	ML04C1A0285	69.282	1.011	1.712					1								
ML04C10286	ML04C1A0286	88.347	1.018	1.019			0.51		0.49								
ML04C10287	ML04C1A0287	95.452	1.01	2.051	1												
ML04C10288	ML04C1A0288	-1	1.006	0.245													
ML04C10289	ML04C1A0289	65.679	0.907	3.023		0.547		0.453									

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ML04C10290	ML04C1A0290	55.267	0.994	0.977				1									
ML04C10291	ML04C1A0291	19.419	1	0.9					1								
ML04C20244	ML04C2A0244	346.065	1.028	0.571					0.824								