

Table 7. PIMA NAUAD004

Cameco Australia Pty. Ltd.**Nabarlek Downhole PIMA Analysis: TSA (Spectral Assistant)**

Hole	Sample	From	To	TSA Error	Crystallinity		Chlorite Group		Sericite Group			Others		
					KaoI_XT	AlOH_XT	IntChlorite	Fe Chlorite	Muscovite	Paragonite	Illite	Biotite	Carbonate	Phengite
U65														
NAUAD0004	D05NAUAD0004A00199	176.13	176.99	43.972	1.065	2.01			17%					
NAUAD0004	D05NAUAD0004A00200	176.99	177.84	133.978	1.024	2.946								
NAUAD0004	D05NAUAD0004A00201	177.84	178.70	43.892	0.994	0.545	83%		17%					
NAUAD0004	D05NAUAD0004A00202	178.70	179.55	445.76	1.003	1.526			100%					
NAUAD0004	D05NAUAD0004A00203	179.55	180.41	34.96	0.922	2.612				60%				40%
NAUAD0004	D05NAUAD0004A00204	180.41	181.26	111.675	1.005	2.416					100%			
NAUAD0004	D05NAUAD0004A00205	181.26	182.13	162.547	1.008	2.2					100%			
NAUAD0004	D05NAUAD0004A00206	182.13	183.01	46.269	1.009	3.138			70%	30%				
NAUAD0004	D05NAUAD0004A00207	183.01	183.88	129.232	0.983	3.152					100%			
NAUAD0004	D05NAUAD0004A00208	183.88	184.75	1398.715	1.006	1.027			100%					
NAUAD0004	D05NAUAD0004A00209	184.75	185.63	213.347	1.013	2.527			100%					
NAUAD0004	D05NAUAD0004A00210	185.63	186.50	417.276	1.011	1.468					100%			
NAUAD0004	D05NAUAD0004A00211	186.50	187.35	285.441	1.033	2.54					100%			
NAUAD0004	D05NAUAD0004A00212	187.35	188.20	142.403	1.037	1.973			100%					
NAUAD0004	D05NAUAD0004A00213	188.20	189.05	172.349	1.018	2.116			100%					
NAUAD0004	D05NAUAD0004A00215	189.90	190.75	272.657	1.049	1.641			100%					
NAUAD0004	D05NAUAD0004A00216	190.75	191.60	245.398	1.031	1.589			100%					
NAUAD0004	D05NAUAD0004A00217	191.60	192.47	197.977	1.016	2.476			100%					
NAUAD0004	D05NAUAD0004A00218	192.47	193.34	109.296	1.016	1.014					100%			
NAUAD0004	D05NAUAD0004A00219	193.34	194.21	127.656	1.016	2.478			100%					
NAUAD0004	D05NAUAD0004A00220	194.21	195.08	268.842	1.015	1.38					100%			
NAUAD0004	D05NAUAD0004A00221	195.08	195.95	268.674	1.008	1.955					100%			
NAUAD0004	D05NAUAD0004A00222	195.95	196.82	418.572	1.03	1.996					100%			
NAUAD0004	D05NAUAD0004A00223	196.82	197.68	173.593	1.029	1.597			100%					
NAUAD0004	D05NAUAD0004A00224	197.68	198.53	280.802	1.03	1.269					100%			
NAUAD0004	D05NAUAD0004A00225	198.53	199.39	757.955	1.029	1.082					100%			
NAUAD0004	D05NAUAD0004A00226	199.39	200.24	450.105	1.042	1.156					100%			
NAUAD0004	D05NAUAD0004A00227	200.24	201.10	677.452	1.049	1.057					100%			
NAUAD0004	D05NAUAD0004A00228	201.10	201.95	139.506	1.024	1.586			100%					
NAUAD0004	D05NAUAD0004A00229	201.95	202.85	132.572	1.017	1.322			100%					
NAUAD0004	D05NAUAD0004A00230	202.85	203.75	113.317	0.986	1.839					100%			
NAUAD0004	D05NAUAD0004A00231	203.75	204.65	130.699	1.002	1.573			100%					
NAUAD0004	D05NAUAD0004A00232	204.65	205.55	126.909	1.008	1.846			100%					
NAUAD0004	D05NAUAD0004A00233	205.55	206.45	252.273	1.049	1.023			100%					

Hole	Sample	From	To	TSA Error	Crystallinity		Chlorite Group		Sericite Group			Others		
					Kaol_XT	AlOH_XT	IntChlorite	Fe Chlorite	Muscovite	Paragonite	Illite	Biotite	Carbonate	Phengite
NAUAD0004	D05NAUAD0004A00234	206.45	207.35	976.926	1.015	1.014			100%					
NAUAD0004	D05NAUAD0004A00235	207.35	208.23	107.967	1.016	1.374			100%					
NAUAD0004	D05NAUAD0004A00236	208.23	209.10	171.578	1.024	2.271					100%			
NAUAD0004	D05NAUAD0004A00237	209.10	209.98	249.221	1.02	1.245			100%					
NAUAD0004	D05NAUAD0004A00238	209.98	210.85	333.559	1.029	1.419					100%			
NAUAD0004	D05NAUAD0004A00239	210.85	211.73	146.686	1.033	1.453					100%			
NAUAD0004	D05NAUAD0004A00240	211.73	212.60	358.789	1.006	1.614					100%			
NAUAD0004	D05NAUAD0004A00241	212.60	213.45	309.621	1.05	1.542			100%					
NAUAD0004	D05NAUAD0004A00242	213.45	214.29	313.138	0.993	1.951			100%					
NAUAD0004	D05NAUAD0004A00243	214.29	215.14	200.653	1.036	1.379					100%			
NAUAD0004	D05NAUAD0004A00244	215.14	215.98	189.697	0.983	1.522					100%			
NAUAD0004	D05NAUAD0004A00245	215.98	216.83	291.649	1.024	1.334					100%			
NAUAD0004	D05NAUAD0004A00246	216.83	217.67	169.309	1.049	1.389			100%					
NAUAD0004	D05NAUAD0004A00247	217.67	218.56	23.981	0.867	1.433					100%			
NAUAD0004	D05NAUAD0004A00248	218.56	219.45	180.881	0.994	2.729					100%			
NAUAD0004	D05NAUAD0004A00249	219.45	220.34	310.431	0.987	1.359					100%			
NAUAD0004	D05NAUAD0004A00250	220.34	221.22	60.588	0.963	2.829					100%			
NAUAD0004	D05NAUAD0004A00251	221.22	222.11	55.124	0.974	1.711					100%			
NAUAD0004	D05NAUAD0004A00252	222.11	223.00	396.406	0.989	2.245			100%					
NAUAD0004	D05NAUAD0004A00253	223.00	223.91	685.982	0.977	0.964					100%			
NAUAD0004	D05NAUAD0004A00254	223.91	224.83	470.987	1.021	1.29			100%					
NAUAD0004	D05NAUAD0004A00255	224.83	225.74	323.201	0.993	1.872					100%			
NAUAD0004	D05NAUAD0004A00256	225.74	226.65	572.463	1.011	1.737				100%				
NAUAD0004	D05NAUAD0004A00257	226.65	227.57	231.088	1.03	1.841			100%					
NAUAD0004	D05NAUAD0004A00258	227.57	228.48	1084.952	1.026	0.962					100%			
NAUAD0004	D05NAUAD0004A00259	228.48	229.37	195.67	1.031	0.901			100%					
NAUAD0004	D05NAUAD0004A00260	229.37	230.25	260.349	1.035	2.211					100%			
NAUAD0004	D05NAUAD0004A00261	230.25	231.14	74.906	0.996	3.416			45%	55%				
NAUAD0004	D05NAUAD0004A00262	231.14	232.03	240.441	1.003	2.692			100%					
NAUAD0004	D05NAUAD0004A00263	232.03	232.91	233.852	1.059	2.217			100%					
NAUAD0004	D05NAUAD0004A00264	232.91	233.80	122.352	0.98	2.681					100%			
NAUAD0004	D05NAUAD0004A00265	233.80	234.68	298.772	0.983	1.256			100%					
NAUAD0004	D05NAUAD0004A00266	234.68	235.57	222.044	1.021	1.726					100%			
NAUAD0004	D05NAUAD0004A00267	235.57	236.45	744.926	1	1.34					100%			
NAUAD0004	D05NAUAD0004A00268	236.45	237.33	298.75	0.992	1.789					100%			
NAUAD0004	D05NAUAD0004A00269	237.33	238.22	322.681	1.005	2.075			100%					
NAUAD0004	D05NAUAD0004A00270	238.22	239.10	466.171	1.02	1.333			100%					
NAUAD0004	D05NAUAD0004A00271	239.10	239.97	306.182	1.009	1.519					100%			

Hole	Sample	From	To	TSA Error	Crystallinity		Chlorite Group		Sericite Group			Others		
					Kaol_XT	AlOH_XT	IntChlorite	Fe Chlorite	Muscovite	Paragonite	Illite	Biotite	Carbonate	Phengite
NAUAD0004	D05NAUAD0004A00272	239.97	240.85	69.902	0.934	2.285					100%			
NAUAD0004	D05NAUAD0004A00273	240.85	241.72	378.862	1.021	1.581					100%			
NAUAD0004	D05NAUAD0004A00274	241.72	242.59	307.905	0.977	2.36			100%					
NAUAD0004	D05NAUAD0004A00275	242.59	243.47	251.692	1.058	1.784			100%					
NAUAD0004	D05NAUAD0004A00276	243.47	244.34	136.659	1.015	2.367			100%					
NAUAD0004	D05NAUAD0004A00277	244.34	245.17	362.27	1.001	1.616					100%			
NAUAD0004	D05NAUAD0004A00278	245.17	245.99	42.161	0.987	6.893			62%	39%				
NAUAD0004	D05NAUAD0004A00279	245.99	246.82	86.19	1.003	2.167					100%			
NAUAD0004	D05NAUAD0004A00280	246.82	247.65	264.722	1.005	1.448					100%			
NAUAD0004	D05NAUAD0004A00281	247.65	248.47	5000	1.126	1.035								
NAUAD0004	D05NAUAD0004A00282	248.47	249.30	5000	1.001	0.82								
NAUAD0004	D05NAUAD0004A00283	249.30	250.13	242.659	1.033	1.959			100%					
NAUAD0004	D05NAUAD0004A00284	250.13	250.95	375.179	1.031	1.689					100%			
NAUAD0004	D05NAUAD0004A00285	250.95	251.78	833.672	1.044	1.912					100%			
NAUAD0004	D05NAUAD0004A00286	251.78	252.60	105.984	1.02	1.444					100%			
NAUAD0004	D05NAUAD0004A00287	252.60	253.43	293.731	1.009	2.07					100%			
NAUAD0004	D05NAUAD0004A00288	253.43	254.25	125.455	1.053	2.069			100%					
NAUAD0004	D05NAUAD0004A00289	254.25	255.16	654.773	1.043	1.606					100%			
NAUAD0004	D05NAUAD0004A00290	255.16	256.07	42.835	0.948	1.762					100%			
NAUAD0004	D05NAUAD0004A00291	256.07	256.98	177.551	1.023	0.899			100%					
NAUAD0004	D05NAUAD0004A00292	256.98	257.88	480.8	1.004	1.258			100%					
NAUAD0004	D05NAUAD0004A00293	257.88	258.79	218.238	1.003	2.637			100%					
NAUAD0004	D05NAUAD0004A00294	258.79	259.70	184	1.049	2.733			100%					
NAUAD0004	D05NAUAD0004A00295	259.70	260.60	42.174	1	1.155					100%			
NAUAD0004	D05NAUAD0004A00296	260.60	261.51	163.581	1.022	2.22			100%					
NAUAD0004	D05NAUAD0004A00297	261.51	262.41	5000	0.982	1.296								
NAUAD0004	D05NAUAD0004A00298	262.41	263.31	187.654	0.979	2.039			100%					
NAUAD0004	D05NAUAD0004A00299	263.31	264.22	442.947	1.025	1.821			100%					
NAUAD0004	D05NAUAD0004A00300	264.22	265.12	108.24	0.998	2.611			100%					
NAUAD0004	D05NAUAD0004A00301	265.12	265.98	5000	1.015	1.966								
NAUAD0004	D05NAUAD0004A00302	265.98	266.84	27.463	0.972	1.479					68%			33%
NAUAD0004	D05NAUAD0004A00303	266.84	267.70	219.157	0.947	2.062					100%			
NAUAD0004	D05NAUAD0004A00304	267.70	268.57	673.172	1.018	1.304			100%					
NAUAD0004	D05NAUAD0004A00305	268.57	269.43	55.909	1.05	1.891			100%					
NAUAD0004	D05NAUAD0004A00306	269.43	270.29	157.223	1.003	1.989			100%					
NAUAD0004	D05NAUAD0004A00307	270.29	271.19	376.502	1.042	1.448			100%					
NAUAD0004	D05NAUAD0004A00308	271.19	272.09	327.356	0.992	1.216			100%					
NAUAD0004	D05NAUAD0004A00309	272.09	272.99	629.533	1.003	1.317			100%					

Hole	Sample	From	To	TSA Error	Crystallinity		Chlorite Group		Sericite Group			Others		
					Kaol_XT	AlOH_XT	IntChlorite	Fe Chlorite	Muscovite	Paragonite	Illite	Biotite	Carbonate	Phengite
NAUAD0004	D05NAUAD0004A00310	272.99	273.90	293.072	1.009	1.722			100%					
NAUAD0004	D05NAUAD0004A00311	273.90	274.80	403.79	1.037	1.116			100%					
NAUAD0004	D05NAUAD0004A00312	274.80	275.70	189.462	1.018	1.69			100%					
NAUAD0004	D05NAUAD0004A00313	275.70	276.58	175.076	1.017	1.04			100%					
NAUAD0004	D05NAUAD0004A00314	276.58	277.45	470.482	1.015	NULL	100%							
NAUAD0004	D05NAUAD0004A00315	277.45	278.33	89.773	1.025	2.135			100%					
NAUAD0004	D05NAUAD0004A00316	278.33	279.21	258.031	1.019	5.459			100%					
NAUAD0004	D05NAUAD0004A00317	279.21	280.08	202.259	1.037	1.865			100%					
NAUAD0004	D05NAUAD0004A00318	280.08	280.96	1571.153	1.038	0.956			100%					
NAUAD0004	D05NAUAD0004A00319	280.96	281.85	72.112	1.027	2.64		79%	21%					
NAUAD0004	D05NAUAD0004A00320	281.85	282.74	143.613	1.038	1.736			100%					
NAUAD0004	D05NAUAD0004A00321	282.74	283.63	272.437	0.95	3.026					100%			
NAUAD0004	D05NAUAD0004A00322	283.63	284.52	163.021	1.024	3.594			100%					
NAUAD0004	D05NAUAD0004A00323	284.52	285.41	164.36	1.015	2.674			100%					
NAUAD0004	D05NAUAD0004A00324	285.41	286.30	127.194	1	1.829			100%					
NAUAD0004	D05NAUAD0004A00325	286.30	287.20	182.576	1.039	1.178		100%						
NAUAD0004	D05NAUAD0004A00326	287.20	288.11	50.852	1.031	NULL	78%							
NAUAD0004	D05NAUAD0004A00327	288.11	289.01	5000	1.011	1.37								
NAUAD0004	D05NAUAD0004A00328	289.01	289.91	927.253	1.032	0.77						100%		
NAUAD0004	D05NAUAD0004A00329	289.91	290.82	101.096	1.003	2.622			100%					
NAUAD0004	D05NAUAD0004A00330	290.82	291.72	209.62	1.003	1.727			100%					
NAUAD0004	D05NAUAD0004A00331	291.72	292.60	239.896	1.024	1.846			100%					
NAUAD0004	D05NAUAD0004A00332	292.60	293.48	76.343	1.038	2.191		49%	51%					
NAUAD0004	D05NAUAD0004A00333	293.48	294.36	58.151	0.947	2.283				57%				43%
NAUAD0004	D05NAUAD0004A00334	294.36	295.24	116.96	1.032	1.953			100%					
NAUAD0004	D05NAUAD0004A00335	295.24	296.12	163.904	1.018	1.895		100%						
NAUAD0004	D05NAUAD0004A00336	296.12	297.00	826.238	0.989	1.87			100%					
NAUAD0004	D05NAUAD0004A00337	297.00	297.87	80.061	1.015	2.702		74%	26%					
NAUAD0004	D05NAUAD0004A00338	297.87	298.73	92.792	1.039	1.423	62%		38%					
NAUAD0004	D05NAUAD0004A00339	298.73	299.60	51.622	0.98	2.675		67%	34%					