Table 3-1.1 Smith Ranch-Highland Proposed Mine Units

Proposed Mine Unit	General Location	Approximate Acreage*	Production Aquifer	Overlying Aquitard	Overlying Aquifer	Underlying Aquitard	Underlying Aquifer	Adjacent Mine Unit	Production Aquifer Characteristics (Adjacent MU)							
									Production Aquifer	Transmissivity (ft^2/day)	Hydraulic Cond. (ft/day)	Storativity S	WDEQ Permit Reference**	Baseline Water Quality +	WDEQ Permit Reference**	Representative Geologic X-Sections
MU 8	T36N R74W Sections 26, 34-36	620	O Sand	P/R Shale	U/S Sand Q Sand	N Shale	M Sand	**MU 2**	O Sand	860	2.86	3.10E-04	Vol. III-E MU15 Hydrologic Test Report Sec. 7.0 (cross-reference)^	TDS 567 mg/l U 0.0836 mg/l Ra 560 pCi/l	Vol. III-D Attachment L Baseline WQ Data pg. 16	Vol. III-D Attachment L Fig. L.2-3 to L.2-7
								MU 3	O Sand	789	2.90	2.90E-04	Vol. III-E MU15 Hydrologic Test Report Sec. 7.0 (cross-reference)^	Alk 185 mg/l Cond 656 umhos/cm TDS 451 mg/l Cl 4 mg/l U 0.1505 mg/l Ra 453 pCi/l	Vol. III-B Attachment H Table H.1-2	Vol. III-B Attachment G Fig. G.2-2 to G.2-5
MU 12	T35N R74W Sections 16-18	220	O Sand	R Shale	S Sand	N Shale	M Sand	**MU 15**	O Sand	1,425	11.0	4.20E-04	Vol. III-E MU15 Hydrologic Test Report Sec. 7.0	Alk 182 mg/l Cond 877 umhos/cm TDS 623 mg/l Cl 4 mg/l U 0.082 mg/l Ra 268 pCi/l	Vol. III-E MU15 Hydrologic Test Report Appendix A	Vol. III-E MU15 Hydrologic Test Report Plates 2 -5
MU 13	T36N R74W Sections 12-14, 23, 24	330	O Sand	P Shake	Q Sand	N Shale	M Sand	**K North**	O Sand	336	2.6	1.30E-04	Vol. III-S K North Hydrologic Test Report Sec. 8.0	Alk 193 mg/l Cond 909 umhos/cm TDS 668 mg/l Cl 2 mg/l U 0.072 mg/l Ra 240 pCi/l	Vol. III-S K North Hydrologic Test Report Appendix G Table 4	Vol. III-S K North Hydrologic Test Report Fig. 2-6 to 2-9
MU 16	T36N R74W Sections 27, 33, 34; T35N R74W Sections 4, 5	520	O Sand	P/R Shale	U/S Sand Q Sand	N Shale	M Sand	**MU 7**	O Sand	729	2.7	4.40E-04	Vol. III-V 7 Wellfield Hydrologic Test Report Sec. 5.3.2	Alk 163 mg/l Cond 778 umhos/cm TDS 530 mg/l Cl 2 mg/l U 0.044 mg/l Ra 409 pCi/l	Vol. III-V 7 Wellfield Hydrologic Test Report Appendix F Table1	Vol. III-V 7 Wellfield Hydrologic Test Report Fig. 2-1 to 2-4
MU 17	T36N R74W Section 33; 35N R74W Sections 4, 5, 8	390	M Sand	N Shale	O Sand	L Shale	K Sand	**MU 4**	M Sand	1,200	2.3	6.50E-05	Vol. III-C Attachment I Sec. I.1.1	Alk 156 mg/l Cond 492 umhos/cm TDS 334 mg/l Cl 3.7 mg/l U 0.0392mg/l Ra 491 pCi/l	Vol. III-C Attachment J Table J1-2	Vol. III-C Attachment I Fig. I.2-2 to I.2-7
MU H Extension	T36N R72W Sections 19, 20, 29	200	50 Sand = Middle O	55 Shale	60 Sand = Upper O	45 Shale	40 Sand = Lower O	**MU H**	50 Sand = Middle O	108	2.19	5.33E-05	Vol. III-K H Field Hydrological Test Report Sec. 16.0	Alk 162 mg/l Cond 675 umhos/cm TDS 447 mg/l Cl 3.9 mg/l U 0.10mg/l Ra 366 pCi/l	Vol. III-K H Field Hydrological Test Report Appendix O-B Table HMPBase1.wk4	Vol. III-K H Field Hydrological Test Report Plates 2.1, 2.6 to 2.11
MU I Extension	T36N R73W Sections 23, 24	250	30/40 Sand = Lower O	45 Shale	50 Sand = Middle O	25 Shale	20 Sand = M	**MU I**	30/40 Sand = Lower O	65	0.83	5.60E-05	Vol III-M I Wellfield Hydrologic Test Report Sec. 5.3.2	Alk 199 mg/l Cond 678 umhos/cm TDS 450 mg/l Cl 4.0 mg/l U 0.02 mg/l Ra 119 pCi/l	Vol III-M I Wellfield Hydrologic Test Report Appendix A	Vol III-M I Wellfield Hydrologic Test Report Plates 1 to 5
MU M	T36N R72W Sections 19, 20, 29, 30	230	50 Sand = Middle O	55 Shale	60 Sand = Upper O	45 Shale	40 Sand = Lower O	**MU H**	50 Sand = Middle O	108	2.19	5.33E-05	Vol. III-K H Field Hydrological Test Report Sec. 16.0	Alk 162 mg/l Cond 675 umhos/cm TDS 447 mg/l Cl 3.9 mg/l U 0.10mg/l Ra 366 pCi/l	Vol. III-K H Field Hydrological Test Report Appendix O-B Table HMPBase1.wk4	Vol. III-K H Field Hydrological Test Report Plates 2.1, 2.6 to 2.11

* Within monitor well ring

** Appendix D-6 (Hydrology) of Power Resources, Inc. dba Cameco Resources, Smith Ranch-Highland Uranium Project, Wyoming Department of Environmental Quuality - Land Quality Division Permit to Mine No. 633

^ MU2 and MU3 aquifer properties are summarized in MU15 Hydrologic Test Report

\+ Mean concentrations, partial data