PROPOSED DANEROS URANIUM MINE

WASTE ROCK CHARACTERISATION

FOOT WALL

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	U XRF-ED 4 ppm	Ag ICP-2A 0.1 ppm	Al ICP-2A 5 ppm	As ICP-2A 1 ppm	Au ICP-2A 2 ppm	B ICP-2A 3 ppm	Ba ICP-2A 1 ppm	Be ICP-2A 0.02 ppm
	D1021	DAN009	409.5	411.5	2	5	13	1.2	21700	6	<2	<3	323	1.20
	D1072	DAN015	430.25	431.25	1	1	5	0.9	19800	7	<2	<3	302	1.32
	D1073	DAN015	431.25	432.25	1	1	11	0.7	18200	9	<2	<3	86	1.21
	D1093	DAN016	419	420	1	2	25	0.9	26600	13	<2	4	192	2.44
	D1032	DAN025	410	411	1	1	22	1.6	20300	18	<2	<3	123	1.53
	D1033	DAN025	411	412	1	1	145	0.5	21010	2	<2	<3	86	1.36
	D1034	DAN025	412	413	1	1	45	1.5	23300	3	<2	<3	51	1.71

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Bi ICP-2A 1 ppm	Ca ICP-2A 10 ppm	Cd ICP-2A 0.2 ppm	Ce ICP-2A 1 ppm	Co ICP-2A 1 ppm	Cr ICP-2A 1 ppm	Cu ICP-2A 1 ppm	Dy ICP-2A 1 ppm
	D1021	DAN009	409.5	411.5	2	5	1	2380	0.2	21	11	21	119	2
	D1072	DAN015	430.25	431.25	1	1	1	2660	0.2	23	13	20	113	3
	D1073	DAN015	431.25	432.25	1	1	1	2360	0.2	19	16	21	34	2
	D1093	DAN016	419	420	1	2	1	3070	0.2	26	14	27	91	3
	D1032	DAN025	410	411	1	1	1	2390	0.2	22	15	21	97	2
	D1033	DAN025	411	412	1	1	1	2277	0.2	21	10	22	154	2
	D1034	DAN025	412	413	1	1	1	2190	0.2	22	18	26	109	2

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Er ICP-2A 1 ppm	Eu ICP-2A 0.5 ppm	Fe ICP-2A 10 ppm	Ga ICP-2A 2 ppm	Gd ICP-2A 1 ppm	Ge ICP-2A 2 ppm	Hf ICP-2A 2 ppm	Hg ICP-2A 0.2 ppm
	D1021	DAN009	409.5	411.5	2	5	1	0.9	36200	6	9	<2	<2	<0.2
	D1072	DAN015	430.25	431.25	1	1	1	1.0	29900	6	9	<2	<2	<0.2
	D1073	DAN015	431.25	432.25	1	1	<1	0.8	29600	6	8	<2	<2	<0.2
	D1093	DAN016	419	420	1	2	1	0.9	33800	8	9	<2	<2	<0.2
	D1032	DAN025	410	411	1	1	1	0.8	28700	7	8	<2	<2	<0.2
	D1033	DAN025	411	412	1	1	<1	0.8	30470	7	8	<2	<2	<0.2
	D1034	DAN025	412	413	1	1	<1	0.8	30700	7	8	<2	<2	<0.2

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An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Ho ICP-2A 0.5 ppm	In ICP-2A 1 ppm	Ir ICP-2A 5 ppm	K ICP-2A 20 ppm	La ICP-2A 1 ppm	Li ICP-2A 1 ppm	Lu ICP-2A 1 ppm	Mg ICP-2A 10 ppm
	D1021	DAN009	409.5	411.5	2	5	<0.5	1	<5	3800	8	40	<1	9860
	D1072	DAN015	430.25	431.25	1	1	<0.5	1	<5	3900	9	37	<1	9480
	D1073	DAN015	431.25	432.25	1	1	<0.5	1	<5	4160	7	31	<1	8840
	D1093	DAN016	419	420	1	2	<0.5	1	<5	6220	9	44	<1	10800
	D1032	DAN025	410	411	1	1	<0.5	1	<5	4300	8	38	<1	9220
	D1033	DAN025	411	412	1	1	<0.5	1	<5	4741	8	35	<1	9295
	D1034	DAN025	412	413	1	1	<0.5	1	<5	5910	9	37	<1	10400

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Mn ICP-2A 1 ppm	Mo ICP-2A 1 ppm	Na ICP-2A 10 ppm	Nb ICP-2A 2 ppm	Nd ICP-2A 1 ppm	Ni ICP-2A 1 ppm	Os ICP-2A 5 ppm	P ICP-2A 5 ppm
	D1021	DAN009	409.5	411.5	2	5	149	6	1700	<2	17	23	<5	778
	D1072	DAN015	430.25	431.25	1	1	155	4	1730	<2	18	23	<5	784
	D1073	DAN015	431.25	432.25	1	1	159	3	1650	<2	15	24	<5	670
	D1093	DAN016	419	420	1	2	184	11	2020	<2	19	29	<5	976
	D1032	DAN025	410	411	1	1	160	10	1850	<2	16	30	<5	802
	D1033	DAN025	411	412	1	1	158	5	1804	<2	16	25	<5	746
	D1034	DAN025	412	413	1	1	179	2	2200	<2	16	30	<5	689

An. method Det limit Units	Method Det limit Units	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Pb ICP-2A 2 ppm	Pd ICP-2A 5 ppm	Pr ICP-2A 1 ppm	Pt ICP-2A 5 ppm	Rb ICP-2A 5 ppm	Re ICP-2A 5 ppm	Rh ICP-2A 10 ppm	Ru ICP-2A 10 ppm
	D1021	DAN009	409.5	411.5	2	5	16	<5	2	<5	9	<5	<10	<10
	D1072	DAN015	430.25	431.25	1	1	21	<5	2	<5	9	<5	<10	<10
	D1073	DAN015	431.25	432.25	1	1	12	<5	2	<5	11	<5	<10	<10
	D1093	DAN016	419	420	1	2	87	<5	2	<5	13	<5	<10	<10
	D1032	DAN025	410	411	1	1	88	<5	2	<5	10	<5	<10	<10
	D1033	DAN025	411	412	1	1	33	<5	2	<5	12	<5	<10	<10
	D1034	DAN025	412	413	1	1	15	<5	2	<5	16	<5	<10	<10

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An. method Det limit	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01	S ICP-2A 20	Sb ICP-2A 1	Sc ICP-2A 0.5	Se ICP-2A 0.5	Si ICP-2A 100	Sm ICP-2A 1	Sn ICP-2A 1	Sr ICP-2A 1
Units						lbs	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	D1021	DAN009	409.5	411.5	2	5	1270	<1	3.8	<0.5	1330	3	<1	70
	D1072	DAN015	430.25	431.25	1	1	1170	<1	3.7	<0.5	1950	4	<1	72
	D1073	DAN015	431.25	432.25	1	1	1770	<1	3.7	0.8	2180	3	<1	67
	D1093	DAN016	419	420	1	2	779	<1	5.1	<0.5	660	4	<1	86
	D1032	DAN025	410	411	1	1	783	<1	4.2	<0.5	1480	3	<1	75
	D1033	DAN025	411	412	1	1	353	<1	3.9	<0.5	1419	3	<1	69
	D1034	DAN025	412	413	1	1	432	<1	4.6	<0.5	1580	3	<1	86

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Ta ICP-2A 5 ppm	Tb ICP-2A 0.1 ppm	Te ICP-2A 5 ppm	Th ICP-2A 3 ppm	Ti ICP-2A 10 ppm	Tl ICP-2A 3 ppm	Tm ICP-2A 1 ppm	U ICP-2A 3 ppm
	D1021	DAN009	409.5	411.5	2	5	<5	0.4	<5	8	82	<3	<1	10
	D1072	DAN015	430.25	431.25	1	1	<5	0.4	<5	8	88	<3	<1	8
	D1073	DAN015	431.25	432.25	1	1	<5	0.4	<5	8	131	<3	<1	12
	D1093	DAN016	419	420	1	2	<5	0.4	<5	10	45	<3	<1	31
	D1032	DAN025	410	411	1	1	<5	0.5	<5	8	70	<3	<1	28
	D1033	DAN025	411	412	1	1	<5	0.6	<5	8	98	<3	<1	160
	D1034	DAN025	412	413	1	1	<5	0.4	<5	8	85	<3	<1	44

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	V ICP-2A 1 ppm	W ICP-2A 1 ppm	Y ICP-2A 1 ppm	Yb ICP-2A 1 ppm	Zn ICP-2A 1 ppm	Zr ICP-2A 1 ppm
	D1021	DAN009	409.5	411.5	2	5	9	<1	11	<1	69	5
	D1072	DAN015	430.25	431.25	1	1	12	<1	13	<1	65	6
	D1073	DAN015	431.25	432.25	1	1	15	<1	10	<1	60	6
	D1093	DAN016	419	420	1	2	21	<1	12	<1	87	5
	D1032	DAN025	410	411	1	1	15	<1	11	<1	69	6
	D1033	DAN025	411	412	1	1	17	<1	10	<1	75	6
	D1034	DAN025	412	413	1	1	28	<1	9	<1	75	5

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HANGING WALL

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	U XRF-ED 4 ppm	Ag ICP-2A 0.1 ppm	Al ICP-2A 5 ppm	As ICP-2A 1 ppm	Au ICP-2A 2 ppm	B ICP-2A 3 ppm	Ba ICP-2A 1 ppm	Be ICP-2A 0.02 ppm
	D1001	DAN020	400	405	5	7	33	<0.1	13800	14	<2	<3	868	0.42
	D1002	DAN020	405	410	5	9	57	<0.1	11700	16	<2	<3	628	0.37
	D1010	DAN009	386	391	5	11	<4	<0.1	13500	2	<2	<3	26	1.16
	D1011	DAN009	391	396	5	10	7	<0.1	11500	1	<2	<3	68	0.90
	D1012	DAN009	396	401	5	10	37	<0.1	9100	32	<2	<3	108	0.61

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Bi ICP-2A 1 ppm	Ca ICP-2A 10 ppm	Cd ICP-2A 0.2 ppm	Ce ICP-2A 1 ppm	Co ICP-2A 1 ppm	Cr ICP-2A 1 ppm	Cu ICP-2A 1 ppm	Dy ICP-2A 1 ppm
	D1001	DAN020	400	405	5	7	<1	888	<0.2	9	12	4	14	1
	D1002	DAN020	405	410	5	9	<1	700	<0.2	8	22	3	11	1
	D1010	DAN009	386	391	5	11	<1	670	<0.2	15	8	18	28	<1
	D1011	DAN009	391	396	5	10	<1	725	<0.2	11	6	16	23	1
	D1012	DAN009	396	401	5	10	<1	486	<0.2	6	24	14	27	<1

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Er ICP-2A 1 ppm	Eu ICP-2A 0.5 ppm	Fe ICP-2A 10 ppm	Ga ICP-2A 2 ppm	Gd ICP-2A 1 ppm	Ge ICP-2A 2 ppm	Hf ICP-2A 2 ppm	Hg ICP-2A 0.2 ppm
	D1001	DAN020	400	405	5	7	<1	<0.5	7350	4	3	<2	<2	<0.2
	D1002	DAN020	405	410	5	9	<1	<0.5	5260	3	2	<2	<2	<0.2
	D1010	DAN009	386	391	5	11	<1	<0.5	17604	4	4	<2	<2	<0.2
	D1011	DAN009	391	396	5	10	<1	<0.5	14300	4	4	<2	<2	<0.2
	D1012	DAN009	396	401	5	10	<1	<0.5	9510	3	2	<2	<2	<0.2

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Ho ICP-2A 0.5 ppm	In ICP-2A 1 ppm	Ir ICP-2A 5 ppm	K ICP-2A 20 ppm	La ICP-2A 1 ppm	Li ICP-2A 1 ppm	Lu ICP-2A 1 ppm	Mg ICP-2A 10 ppm
	D1001	DAN020	400	405	5	7	<0.5	<1	<5	2210	3	13	<1	1670
	D1002	DAN020	405	410	5	9	<0.5	<1	<5	1830	3	10	<1	1180
	D1010	DAN009	386	391	5	11	<0.5	<1	<5	2873	5	20	<1	2732
	D1011	DAN009	391	396	5	10	<0.5	<1	<5	2260	4	18	<1	2450
	D1012	DAN009	396	401	5	10	<0.5	<1	<5	1620	2	12	<1	1240

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HANGING WALL

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Mn ICP-2A 1 ppm	Mo ICP-2A 1 ppm	Na ICP-2A 10 ppm	Nb ICP-2A 2 ppm	Nd ICP-2A 1 ppm	Ni ICP-2A 1 ppm	Os ICP-2A 5 ppm	P ICP-2A 5 ppm
	D1001	DAN020	400	405	5	7	43	7	718	<2	5	7	<5	302
	D1002	DAN020	405	410	5	9	34	8	604	<2	4	11	<5	256
	D1010	DAN009	386	391	5	11	32	3	1728	<2	9	12	<5	41
	D1011	DAN009	391	396	5	10	31	4	1480	<2	7	11	<5	96
	D1012	DAN009	396	401	5	10	32	11	965	<2	3	20	<5	80

An. method Det limit Units	Method Det limit Units	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Pb ICP-2A 2 ppm	Pd ICP-2A 5 ppm	Pr ICP-2A 1 ppm	Pt ICP-2A 5 ppm	Rb ICP-2A 5 ppm	Re ICP-2A 5 ppm	Rh ICP-2A 10 ppm	Ru ICP-2A 10 ppm
	D1001	DAN020	400	405	5	7	10	<5	<1	<5	<5	<5	<10	<10
	D1002	DAN020	405	410	5	9	17	<5	<1	<5	<5	<5	<10	<10
	D1010	DAN009	386	391	5	11	5	<5	1	<5	6	<5	<10	<10
	D1011	DAN009	391	396	5	10	5	<5	<1	<5	<5	<5	<10	<10
	D1012	DAN009	396	401	5	10	10	<5	<1	<5	<5	<5	<10	<10

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	S ICP-2A 20 ppm	Sb ICP-2A 1 ppm	Sc ICP-2A 0.5 ppm	Se ICP-2A 0.5 ppm	Si ICP-2A 100 ppm	Sm ICP-2A 1 ppm	Sn ICP-2A 1 ppm	Sr ICP-2A 1 ppm
	D1001	DAN020	400	405	5	7	1040	<1	1.7	<0.5	1400	1	<1	39
	D1002	DAN020	405	410	5	9	713	<1	1.5	<0.5	1740	<1	<1	31
	D1010	DAN009	386	391	5	11	679	<1	4.1	0.7	2030	2	<1	61
	D1011	DAN009	391	396	5	10	261	<1	3.7	<0.5	1320	1	<1	53
	D1012	DAN009	396	401	5	10	1660	<1	3.0	<0.5	1030	<1	<1	34

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	Ta ICP-2A 5 ppm	Tb ICP-2A 0.1 ppm	Te ICP-2A 5 ppm	Th ICP-2A 3 ppm	Ti ICP-2A 10 ppm	Tl ICP-2A 3 ppm	Tm ICP-2A 1 ppm	U ICP-2A 3 ppm
	D1001	DAN020	400	405	5	7	<5	0.3	<5	8	95	<3	<1	37
	D1002	DAN020	405	410	5	9	<5	0.3	<5	8	87	<3	<1	58
	D1010	DAN009	386	391	5	11	<5	0.2	<5	8	64	<3	<1	4
	D1011	DAN009	391	396	5	10	<5	0.2	<5	6	39	<3	<1	5
	D1012	DAN009	396	401	5	10	<5	0.2	<5	5	34	<3	<1	34

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HANGING WALL

An. method Det limit Units	Sample	Hole	From_ft	To_ft	Thick_ft	Rec'd Wt Weight 0.01 lbs	V ICP-2A 1 ppm	W ICP-2A 1 ppm	Y ICP-2A 1 ppm	Yb ICP-2A 1 ppm	Zn ICP-2A 1 ppm	Zr ICP-2A 1 ppm
	D1001	DAN020	400	405	5	7	10	<1	6	<1	16	10
	D1002	DAN020	405	410	5	9	8	<1	5	<1	45	11
	D1010	DAN009	386	391	5	11	17	<1	5	<1	10	6
	D1011	DAN009	391	396	5	10	16	<1	5	<1	10	6
	D1012	DAN009	396	401	5	10	15	<1	3	<1	7	9