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Page: 1
Finalized Date: 2-DEC-2008
Account: NUPRES

CERTIFICATE AS08152925

Project: STRANG WAYS

P.O. No.: 2008/21 (266181)

This report is for 52 Stream Sediment samples submitted to our lab in Alice Springs, NT, Australia on 27-OCT-2008.

The following have access to data associated with this certificate:

WARRICK RAFFERTY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
WSH-22	"Wash" pulverizers
LEV-01	Waste Disposal Levy
LEV-02	Remote Lab Surcharge
PUL-23	Pulv Sample - Split/Retain
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61r	48 element four acid ICP-MS + REEs	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-TL44	Trace Level Au - 50 g AR	ICP-MS
Au-AA24	Au 50g FA AA finish	AAS

To: **NUPOWER RESOURCES LTD**
ATTN: WARRICK RAFFERTY
GPO BOX 2552
DARWIN NT 0801

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Wayne Abbott, Operations Manager, Western Australia



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CERTIFICATE OF ANALYSIS AS08152925

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PUL-QC Pass75um %	Au-TL44 Au ppm	ME-MS61r Ag ppm	ME-MS61r Al %	ME-MS61r As ppm	ME-MS61r Ba ppm	ME-MS61r Be ppm	ME-MS61r Bi ppm	ME-MS61r Ca %	ME-MS61r Cd ppm	ME-MS61r Ce ppm	ME-MS61r Co ppm	ME-MS61r Cr ppm	ME-MS61r Cs ppm
		0.02	0.01	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
FLUSH A		<0.02		0.002	<0.01	5.25	1	900	1	0.01	0.89	0.14	21.9	2.5	13	1.14
FLUSH B		<0.02		0.002	0.09	5.18	0.8	870	0.97	0.01	0.85	0.13	22.3	2.5	13	1.11
FLUSH C		<0.02		0.002	0.02	5.23	1.8	880	1.03	0.01	0.89	0.15	22.4	2.4	16	1.11
12752		2.09		0.001	0.04	3	1.3	190	0.32	0.26	0.08	0.14	61.2	3.4	66	0.92
12753		2.61		0.001	0.03	3.21	1.2	270	0.41	0.12	0.26	0.15	46.1	3.6	34	1.23
12754		2.34		0.001	0.03	4.09	0.6	640	0.36	0.04	0.26	0.15	133	4.3	21	1.01
12755		1.66		0.001	0.05	4.7	0.3	410	0.75	0.1	0.64	0.18	368	12.1	61	1.33
12756		2.77		0.001	0.02	3.53	<0.2	550	0.25	0.03	0.56	0.16	66.9	5.3	25	0.45
12757		2.06		0.001	0.02	1.71	0.6	200	<0.05	0.06	0.04	0.14	30.2	1.4	33	0.43
12758		1.40	98.9	0.001	<0.01	4.63	3	320	0.88	0.15	0.61	0.05	235	11.9	86	1.77
12759		2.68		0.001	0.02	3.28	0.7	460	0.3	0.06	0.4	0.16	75.5	4.7	29	0.71
12760		2.91		0.001	0.03	3.96	0.3	660	0.36	0.03	0.41	0.15	81.3	9.8	47	0.82
12761		2.21		0.001	0.03	3.42	<0.2	560	0.16	0.03	0.48	0.19	64.6	5.7	26	0.41
12762		2.09		0.001	0.02	3.31	<0.2	570	0.29	0.03	0.19	0.15	79.3	3.2	14	0.84
12763		1.76		0.001	0.03	2.28	0.3	440	0.1	0.04	0.13	0.13	87.6	1.9	13	0.53
12764		2.47		0.001	0.02	3.74	0.5	510	0.82	0.04	0.19	0.12	54.4	3.5	15	2.08
12765		1.76		0.001	0.02	3.62	0.4	660	0.59	0.01	0.34	0.14	48.7	2.5	8	0.94
12766		1.41		0.001	0.02	3.98	<0.2	600	1.15	0.02	0.27	0.14	51.3	5.8	22	1.58
12768		1.51		0.003	0.5	3.72	<5	520	1.05	0.1	10.3	0.26	313	30.2	189	1.75
12769		2.55		0.001	0.03	4.49	0.3	580	0.66	0.03	0.38	0.18	102	11.4	48	0.84
12770		2.88		0.001	0.05	6.81	<0.2	540	0.83	0.03	1.03	0.25	209	23	105	0.75
12771		1.92		0.001	0.03	4.71	1	520	0.92	0.13	0.78	0.08	109.5	9.9	53	2.01
12772		1.70		0.001	0.04	5.66	1.3	620	1.23	0.13	0.68	0.09	87.9	14	45	2.18
12773		2.42		0.001	0.02	4.49	0.3	740	0.78	0.08	0.6	0.06	47.3	7	26	1.59
12774		2.43		0.001	0.04	5.17	1.4	440	0.81	0.08	0.73	0.07	151.5	13.4	56	0.84
12775		2.42		0.001	0.02	4.76	0.6	780	0.52	0.03	0.44	0.07	129.5	9.7	30	0.87
12776		1.55		0.001	0.02	5.42	0.2	820	1.03	0.02	1.2	0.06	106	10.1	28	0.76
12777		1.88		0.001	0.02	4.41	1.1	880	0.57	0.02	0.47	0.07	100.5	8.3	24	0.59
12778		2.48		0.001	<0.01	2.77	1.3	490	0.29	0.04	0.69	0.04	85.8	5.3	28	0.58
12779		3.04		0.001	0.02	4.49	0.9	640	0.89	0.05	1.03	0.05	46.2	17.3	34	0.81
12780		3.05		0.001	0.02	4.45	0.7	550	0.61	0.04	0.95	0.06	241	22	58	0.61
12781		2.14		0.001	0.02	4.64	0.4	560	1.02	0.05	1.26	0.07	44.4	10.8	38	0.56
12782		2.47		0.001	0.03	5.93	0.3	540	1.11	0.04	2.08	0.12	125.5	23.7	60	0.79
12783		2.60		<0.001	<0.01	2.34	0.6	370	0.35	0.04	0.61	0.04	28.5	4.7	27	0.37
12784		1.31		0.001	0.02	5.32	2.8	280	1	0.13	0.37	0.04	64.9	8.2	62	1.4
12785		1.21		0.001	0.03	6.3	2.2	330	1.5	0.17	0.5	0.07	82.8	9.6	54	2.61
12786		2.39		0.001	0.03	3.74	0.7	510	0.72	0.08	0.48	0.05	46.2	6.1	31	0.81
12787		2.21		0.001	0.02	4.51	0.9	550	1.12	0.08	0.69	0.06	62.6	8.3	31	1.06
12788		2.85		0.001	<0.01	2.93	1	390	0.64	0.06	0.42	0.04	33.9	4	24	0.64
12789		1.21		0.002	0.03	5.99	2.8	350	1.5	0.15	0.36	0.06	85.7	13.9	58	2.36



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CERTIFICATE OF ANALYSIS AS08152925

Sample Description	Method Analyte Units LOR	ME-MS61r Cu ppm	ME-MS61r Fe %	ME-MS61r Ga ppm	ME-MS61r Ge ppm	ME-MS61r Hf ppm	ME-MS61r In ppm	ME-MS61r K %	ME-MS61r La ppm	ME-MS61r Li ppm	ME-MS61r Mg %	ME-MS61r Mn ppm	ME-MS61r Mo ppm	ME-MS61r Na %	ME-MS61r Nb ppm	ME-MS61r Ni ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
FLUSH A		4	1.09	9.86	0.07	1	0.014	2.78	11.2	5.9	0.23	158	1	1.31	1.8	9.5
FLUSH B		4.1	1.05	9.98	0.07	1	0.014	2.78	11.3	5.9	0.22	153	0.93	1.3	1.8	9.2
FLUSH C		3.4	1.03	9.83	0.08	1.1	0.016	2.78	11.2	6.4	0.23	150	0.55	1.3	1.9	9.5
12752		8.4	4.92	10.05	0.12	1.3	0.042	0.72	27.1	6.9	0.07	223	0.82	0.11	5.3	9
12753		7.5	1.95	7.56	0.09	1.4	0.031	1.03	21.7	8.6	0.16	257	0.35	0.21	4.9	9.7
12754		4.9	1.88	8.73	0.18	1.1	0.026	2.8	60.4	6.4	0.21	282	0.34	0.38	6	8.8
12755		9.6	5.7	14.35	0.39	2.4	0.099	1.5	161	9.3	0.55	720	0.55	0.44	22.5	16.1
12756		1.8	2.78	7.96	0.13	1.2	0.056	1.88	31.5	4.2	0.44	392	0.17	0.52	7.2	7.5
12757		3.3	1.58	3.88	0.07	0.6	0.018	0.83	13.4	3.8	0.05	89	0.41	0.1	2.4	5.2
12758		19	4.73	14.35	0.43	2.9	0.057	1.23	116	11.2	0.44	697	1.82	0.3	16.8	18.6
12759		6	2.22	7.25	0.12	1.4	0.031	1.53	35.9	6	0.23	324	0.53	0.33	6.7	9.4
12760		7.5	3.62	9.24	0.15	1.1	0.051	2.71	37.8	5.4	0.52	523	0.56	0.32	8.2	14
12761		2.6	2.92	7.94	0.12	1.4	0.051	1.93	31.2	4.4	0.42	398	0.37	0.46	7.6	8.2
12762		3.3	1.26	6.16	0.12	1	0.015	2.65	37	4.3	0.14	232	0.71	0.29	4.2	6.3
12763		3	1.27	3.93	0.14	1.1	0.014	1.83	40.3	3	0.09	176	0.4	0.18	5.3	5
12764		3.8	1.72	8.46	0.11	1.1	0.025	2.57	23.5	7.8	0.21	214	0.35	0.33	6.2	6.9
12765		2.1	1.24	7.25	0.1	0.7	0.019	2.53	20.3	5.4	0.2	135	0.33	0.45	4.8	6.2
12766		6.7	2.3	11	0.11	1	0.039	2.41	21.4	9.3	0.37	284	0.89	0.33	9.2	11.8
12768		20.5	7.26	14.1	0.31	1.8	0.068	1.07	110	11.2	1.04	1130	0.38	0.38	87.4	155.5
12769		8.3	4.31	10.4	0.15	0.8	0.057	2.16	44	9.6	0.47	576	0.31	0.3	7.1	13.2
12770		8.4	8.54	14.7	0.25	1.6	0.117	2.03	97.5	11.2	1.67	1330	0.42	0.4	11.9	20.7
12771		10.6	3.98	12.5	0.12	1.9	0.056	1.99	51.8	8.3	0.38	527	0.92	0.44	7.5	16.2
12772		18.4	3.71	14.05	0.11	1.7	0.059	2.3	42.9	11.3	0.52	614	0.64	0.47	7.4	19.7
12773		7.8	2.13	10.5	0.08	1.1	0.034	2.72	23	7.4	0.33	322	0.28	0.48	4	10.9
12774		14.5	5.7	14.4	0.13	1.7	0.071	1.54	74.2	8.2	0.46	638	0.52	0.43	11.4	15.1
12775		5.6	3.34	9.95	0.14	1.2	0.047	3	61.3	5.3	0.44	532	0.29	0.48	6.2	9.5
12776		6.4	3.2	12.5	0.12	0.8	0.038	2.99	52.9	6.2	0.46	556	0.35	0.76	5.2	10.8
12777		6.2	3.41	9.62	0.11	0.7	0.04	2.96	51	4.9	0.31	519	0.67	0.47	4.9	7
12778		7.1	1.94	6.57	0.1	0.8	0.022	1.76	43.8	5.3	0.11	293	0.31	0.23	3.8	6.9
12779		7.9	2.62	9.93	0.08	0.9	0.034	2.36	21.7	6.4	0.48	721	0.23	0.61	4.3	14.1
12780		6.4	6.3	10.9	0.18	1.6	0.064	2.04	117.5	5.6	0.65	1285	0.35	0.47	14.6	12.8
12781		7.4	2.93	11.15	0.09	1	0.04	2.29	22.1	4.5	0.64	627	1.15	0.94	4.2	15.7
12782		12.7	7.18	15.55	0.12	1.7	0.086	1.97	60.6	8.3	1.3	1170	0.53	0.75	10.2	21.8
12783		4.7	1.96	4.87	0.06	0.5	0.02	1.25	14.4	3.3	0.22	560	0.23	0.24	3.5	6.5
12784		12.6	3.63	14.1	0.08	2.1	0.049	0.97	31.2	14.4	0.24	300	0.68	0.26	8	16.8
12785		18.6	3.11	16.55	0.09	2.4	0.057	1.3	40.7	20.6	0.41	271	0.7	0.3	9.2	22.1
12786		7.8	2.11	9.15	0.08	1.3	0.034	1.86	22.3	7	0.26	289	0.39	0.41	5	10.3
12787		9.1	2.37	10.45	0.09	1.4	0.033	2.16	30.2	7.1	0.3	438	0.79	0.68	4.9	12.9
12788		6.2	1.61	6.61	0.06	1	0.018	1.38	17	4.5	0.18	202	0.23	0.44	2.7	9.1
12789		22.5	3.85	16.1	0.11	2.3	0.052	1.36	43.2	17.2	0.37	456	1.62	0.32	8.7	23.7



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		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
FLUSH A		120	23.3	105.5	0.002	<0.01	<0.05	3.9	1	0.7	207	0.15	<0.05	4.1	0.058
FLUSH B		120	22.2	105	0.002	<0.01	<0.05	3.8	1	0.7	203	0.16	<0.05	4.2	0.059
FLUSH C		120	22.3	105	0.002	<0.01	<0.05	4.2	1	0.7	204	0.15	<0.05	4.3	0.059
12752		180	16.1	39.2	0.002	0.01	0.11	6.7	1	2	27.5	0.47	0.07	15	0.24
12753		140	12.2	47.9	0.002	<0.01	0.13	6	1	1.4	39.3	0.42	<0.05	11.9	0.279
12754		280	30.6	127	0.002	<0.01	0.06	6.7	1	0.9	91.4	0.43	<0.05	35.5	0.29
12755		380	20.5	68	0.002	0.01	0.13	20.2	2	4.3	65.2	1.6	<0.05	85.1	1.02
12756		190	17.4	71	0.002	<0.01	<0.05	12	1	1.6	56.9	0.53	<0.05	15	0.344
12757		110	11.9	37	0.002	<0.01	0.07	2.7	1	0.7	24.2	0.17	<0.05	9.3	0.1
12758		420	17.2	68.3	0.002	0.01	0.2	12.5	2	3	57.6	1.33	<0.05	61.5	1.04
12759		160	16.4	57.9	0.002	<0.01	0.09	7.1	1	1.4	55	0.5	<0.05	19.1	0.355
12760		210	22.6	115	0.002	<0.01	0.05	15	1	1.4	75.3	0.63	<0.05	19.1	0.436
12761		160	16.8	70.6	0.002	<0.01	<0.05	11.5	1	1.6	55.9	0.52	<0.05	15.1	0.33
12762		160	27.1	101.5	0.002	<0.01	0.05	3.8	1	1	50	0.58	<0.05	17.1	0.187
12763		140	21.1	64.7	0.002	<0.01	0.06	3.4	1	0.8	37.6	0.41	<0.05	23.1	0.249
12764		190	25.8	137	0.002	<0.01	0.06	5.1	1	1.8	59	0.54	<0.05	11.9	0.172
12765		190	26	103	0.002	<0.01	<0.05	3.8	1	0.9	64.9	0.35	<0.05	9	0.117
12766		140	23.6	124	0.002	<0.01	0.05	8.1	1	1.4	57.4	0.61	<0.05	10.6	0.221
12768		9910	11	51.5	0.002	0.01	0.15	23.6	2	2.1	433	7.07	0.05	9.6	0.665
12769		250	21.4	90.5	0.002	<0.01	0.07	16.6	1	1	81.5	0.49	<0.05	20.3	0.451
12770		360	20.2	88.3	0.002	<0.01	0.05	40	2	1.3	86.8	0.99	<0.05	40.4	0.732
12771		320	16.6	89.1	0.002	0.01	0.29	11.5	1	3	77.8	0.66	<0.05	23.4	0.395
12772		310	19.4	110	0.002	0.01	0.2	13.5	1	2.2	92.6	0.57	<0.05	18	0.357
12773		160	20.7	114	0.002	0.01	0.12	8.4	1	1.3	92.5	0.31	<0.05	9.3	0.182
12774		310	20.2	64.9	0.002	0.01	0.07	17.1	1	1.7	74.9	0.86	<0.05	42.9	0.695
12775		190	30.5	141	0.002	<0.01	<0.05	14.5	1	0.7	113	0.45	<0.05	32.9	0.306
12776		250	26.1	120	0.002	<0.01	<0.05	13.8	1	1.1	117	0.37	<0.05	25.5	0.265
12777		200	27.1	120.5	0.002	<0.01	<0.05	13.1	1	0.7	102	0.36	<0.05	29.1	0.239
12778		130	19.6	72.8	0.002	<0.01	0.05	5.2	1	0.8	59.8	0.32	<0.05	31.5	0.247
12779		160	20.2	96.3	<0.002	<0.01	<0.05	12.6	1	1.1	102.5	0.37	<0.05	8.8	0.279
12780		240	21.9	79.6	0.002	<0.01	<0.05	22.8	1	1.9	81.7	1.19	<0.05	67.9	1.005
12781		170	11.6	88.7	0.002	<0.01	0.09	12.3	1	1.6	86.9	0.3	<0.05	8.6	0.22
12782		380	15.1	79.3	0.002	<0.01	0.08	30.8	1	2.7	111	0.77	<0.05	26.9	0.697
12783		80	7.8	46.8	<0.002	<0.01	<0.05	6.6	1	0.8	40.4	0.27	<0.05	7.5	0.255
12784		220	14.1	50.2	0.002	0.01	0.17	11	1	2	51.8	0.66	<0.05	20.5	0.39
12785		380	15.6	72.4	0.002	0.01	0.23	13.8	1	2.5	64.6	0.76	<0.05	20.8	0.432
12786		160	17.2	76.2	0.002	<0.01	0.08	8.2	1	1.3	71.7	0.4	<0.05	10.6	0.245
12787		210	15.2	84.1	0.002	<0.01	0.1	8.9	1	1.5	81.4	0.39	<0.05	14.1	0.259
12788		110	11.8	53.1	0.002	<0.01	0.06	5	1	0.8	54.4	0.23	<0.05	8.7	0.153
12789		300	18.4	76.9	0.003	0.01	0.39	14.9	1	2.4	73.6	0.71	<0.05	21	0.406



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Sample Description	Method Analyte Units LOR	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		U	V	W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr	Sm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	1	0.1	0.1	2	0.5	0.05	0.03	0.03	0.05	0.01	0.01	0.1	0.03	0.03
FLUSH A		0.6	17	0.2	6.1	12	34	1.2	0.65	0.9	1.71	0.23	0.1	9.5	2.71	1.76
FLUSH B		0.6	17	0.2	6.2	11	35.2	1.17	0.63	0.84	1.62	0.22	0.09	9.4	2.69	1.69
FLUSH C		0.6	19	0.3	6.4	12	38.8	1.21	0.64	0.87	1.67	0.23	0.1	9.5	2.74	1.7
12752		2.3	134	1.1	9.1	14	42.8	2.22	0.96	0.64	4.17	0.37	0.12	25.2	7.27	4.6
12753		1	47	0.7	10.3	21	45.1	2.2	1.12	0.73	3.48	0.41	0.15	20.4	5.82	3.76
12754		2.6	41	0.4	14.7	25	33.7	4.02	1.53	1.42	10.4	0.58	0.18	63.1	17.3	12.05
12755		3.5	133	0.9	55.8	59	81.6	12.3	5.86	2.14	24.9	2.14	0.72	155	42.1	28.3
12756		0.8	55	0.3	31.4	28	39	5.87	3.45	1.39	6.68	1.2	0.47	33	9.02	6.58
12757		0.7	40	0.3	4.3	10	21	1.09	0.46	0.4	2.16	0.17	0.06	13.3	3.75	2.44
12758		3.2	100	1.2	30	59	90	7.9	3.3	1.53	16.55	1.1	0.38	92	27.4	16
12759		1.2	51	0.5	18.2	23	45.7	3.84	1.98	1.17	6.01	0.71	0.26	35.5	9.85	6.31
12760		1.1	99	0.4	22.8	35	34.7	4.36	2.54	1.46	6.11	0.87	0.36	36.1	10.2	6.38
12761		0.9	55	0.3	33.6	32	47.8	6.01	3.72	1.27	6.29	1.25	0.54	30.1	8.39	6.06
12762		1.3	24	0.3	14.3	16	34.2	3.1	1.48	0.96	5.54	0.54	0.18	36.5	10.35	6.49
12763		1.2	25	0.3	11.5	14	36.2	2.92	1.23	0.85	6.3	0.46	0.15	42.7	12	7.11
12764		1.3	29	0.3	12.8	21	38.1	2.53	1.29	0.85	3.65	0.47	0.17	22.9	6.5	4.18
12765		0.6	20	0.2	8.7	18	23.8	1.84	0.96	0.73	3.13	0.34	0.13	19.7	5.66	3.45
12766		0.8	38	0.3	12.3	33	32.8	2.35	1.29	0.81	3.42	0.45	0.19	20.4	5.92	3.56
12768		1.4	586	0.7	34.4	57	67.8	8	3.46	5.22	16.6	1.31	0.37	113.5	30.3	17.8
12769		0.9	94	0.6	29.9	36	27.9	5.7	3.46	1.36	6.91	1.2	0.49	41.6	12	7.19
12770		1.8	147	0.9	83.8	79	56.2	14.8	9.27	1.65	15.2	3.18	1.37	81.6	22.9	13.95
12771		1.4	75	0.7	29.2	45	63.6	5.51	2.95	1.46	8.42	1.05	0.41	48.8	13.8	8.64
12772		1.3	73	0.8	27.9	51	55.5	5.09	2.8	1.68	6.73	0.99	0.4	37.7	10.85	6.87
12773		0.7	40	0.4	15.5	24	34.7	2.86	1.61	1.27	3.66	0.55	0.22	19.1	5.35	3.55
12774		1.7	150	0.6	25.9	45	55.1	5.59	2.85	1.6	10.25	1	0.4	65	18.7	11
12775		1.8	47	0.3	35.5	32	38.1	6.23	3.54	1.63	8.97	1.23	0.51	53.5	15.3	9.23
12776		1	63	0.3	27.5	31	26.3	4.96	2.75	1.57	7.06	0.96	0.39	42.3	12.25	7.26
12777		1	58	0.4	26	24	22.2	4.6	2.79	1.48	6.02	0.96	0.41	37.6	11.05	6.08
12778		1	52	0.4	9.4	15	23.8	2.08	0.99	0.86	4.78	0.34	0.13	32.1	9.56	5.26
12779		0.5	63	0.4	20.9	28	23.9	3.63	2.26	1.32	4	0.76	0.35	19	5.42	3.69
12780		2.7	171	0.7	47.9	49	48.5	9.59	5.19	1.69	16.25	1.82	0.73	102.5	29.6	17.2
12781		0.6	60	0.3	22.7	26	32.3	3.74	2.27	1.13	4.08	0.79	0.33	19.5	5.38	3.76
12782		1.2	174	0.7	45.2	68	53.5	7.98	4.59	1.6	9.94	1.61	0.68	53.7	15.25	9.51
12783		0.5	34	0.2	12.8	12	14.5	2.32	1.31	0.64	2.79	0.48	0.19	13.1	3.71	2.6
12784		1.5	87	0.7	14.5	27	65.6	3.13	1.49	0.97	5.2	0.55	0.2	28.5	8	5.29
12785		1.6	77	1.1	21.6	49	79	4.26	2.16	1.36	6.71	0.78	0.3	37.2	10.35	6.95
12786		0.8	42	0.4	16.2	23	42.7	2.92	1.67	1.05	3.58	0.58	0.24	18.5	5.24	3.53
12787		0.9	47	0.4	17.1	23	45.8	3.35	1.75	1.2	4.85	0.64	0.25	26.5	7.5	4.93
12788		0.6	38	0.3	8.6	13	30.1	1.82	0.89	0.72	2.78	0.33	0.13	15	4.12	2.79
12789		1.7	86	0.9	21.2	44	76.4	4.18	2.16	1.33	6.71	0.78	0.29	38.5	10.75	6.95



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Sample Description	Method Analyte Units LOR	ME-MS61r	ME-MS61r	ME-MS61r	Pb-OG62	Au-AA24
		Tb	Tm	Yb	Pb	Au
		ppm	ppm	ppm	%	ppm
		0.01	0.01	0.03	0.01	0.005
FLUSH A		0.23	0.09	0.58		
FLUSH B		0.23	0.08	0.54		
FLUSH C		0.23	0.09	0.59		
12752		0.5	0.13	0.81		
12753		0.45	0.15	1.01		
12754		1.06	0.18	1.17		
12755		2.75	0.77	4.8		
12756		1.04	0.49	3.09		
12757		0.24	0.06	0.4		
12758		1.58	0.37	2.44		
12759		0.78	0.27	1.83		
12760		0.83	0.36	2.32		
12761		0.99	0.54	3.47		
12762		0.68	0.19	1.16		
12763		0.68	0.16	0.97		
12764		0.5	0.18	1.12		
12765		0.39	0.13	0.81		
12766		0.46	0.18	1.19		
12768		1.81	0.4	2.49		
12769		1.01	0.49	3.17		
12770		2.45	1.36	8.76		
12771		1.05	0.41	2.55		
12772		0.91	0.41	2.48		
12773		0.5	0.23	1.38		
12774		1.13	0.4	2.45		
12775		1.11	0.51	3.18		
12776		0.9	0.39	2.44		
12777		0.81	0.41	2.55		
12778		0.46	0.13	0.81		
12779		0.6	0.35	2.18		
12780		1.84	0.73	4.65		
12781		0.62	0.32	2.06		
12782		1.34	0.67	4.29		
12783		0.41	0.19	1.19		
12784		0.63	0.21	1.32		
12785		0.85	0.3	1.88		
12786		0.51	0.25	1.59		
12787		0.64	0.25	1.55		
12788		0.36	0.13	0.79		
12789		0.82	0.3	1.87		



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	PUL-QC Pass75um %	Au-TL44 Au ppm	ME-MS61r Ag ppm	ME-MS61r Al %	ME-MS61r As ppm	ME-MS61r Ba ppm	ME-MS61r Be ppm	ME-MS61r Bi ppm	ME-MS61r Ca %	ME-MS61r Cd ppm	ME-MS61r Ce ppm	ME-MS61r Co ppm	ME-MS61r Cr ppm	ME-MS61r Cs ppm
		0.02	0.01	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
12790		1.76		0.001	0.02	2.46	1.1	260	0.67	0.06	0.3	0.04	85	7.6	32	0.72
12791		1.64		0.001	0.02	3.61	0.3	670	0.49	0.03	0.29	0.05	88.5	6.4	25	0.68
12792		2.71		0.001	0.03	2.62	1	370	0.69	0.05	0.31	0.04	110	8.2	27	0.73
12793		1.78		0.001	0.03	2.56	2.3	200	0.5	0.13	0.15	0.03	104	5.7	85	0.58
12794		2.60		0.001	0.02	5.03	0.6	560	0.91	0.07	1.45	0.06	70.6	11.4	50	0.62
12795		2.67		0.001	0.03	5.11	<0.2	530	1.24	0.06	1.54	0.05	49.9	11.7	42	0.71
12800		2.08		0.001	0.03	6.31	1.2	650	1.75	0.14	2.08	0.09	81.5	24.4	28	1.92
12767		2.47			0.14	3.29	<5	2290	0.55	0.01	15.1	0.11	280	44.8	105	2.96
12796		1.74			15.7	3.16	2.3	670	6.47	266	7.83	22.6	90.9	7.5	11	0.31
12797		2.53	90.9		5.73	4.24	0.7	1040	5.75	89.5	8.33	12.35	94.3	8.8	22	0.63
12798		2.48			4.52	0.44	<0.2	20	3.22	73.1	4.49	20.2	24.8	10	3	<0.05
12799		2.07			1.43	1.89	<0.2	1880	0.14	20.7	3.19	9.79	65.9	11.8	2	0.61



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Sample Description	Method Analyte Units LOR	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
12790		12.3	2.55	6.94	0.08	1.5	0.025	0.63	37	5.1	0.22	316	0.66	0.22	5.5
12791		6	2.34	8.56	0.11	0.8	0.03	2.56	42.9	6.2	0.22	306	1.11	0.37	4.3
12792		14.2	2.1	7.02	0.08	1.3	0.027	1.2	36.1	3.3	0.15	433	0.54	0.35	5.6
12793		8.7	4.42	8.47	0.11	1.4	0.035	0.68	49.2	5.9	0.11	292	0.93	0.12	6.9
12794		4.6	4.04	11.4	0.11	1.2	0.052	2.19	35.3	4.3	0.77	925	0.4	0.94	6.8
12795		6.7	3.06	12.6	0.09	1.2	0.045	2.13	24.6	5.1	0.73	628	1.06	1.06	5
12800		15.5	5.64	18.45	0.13	2.8	0.084	2.15	34.1	8.8	1.16	930	0.52	1.06	8.2
12767		13	5.33	7.36	0.19	0.1	0.033	2.62	119	3.2	6.65	651	0.21	0.17	46.8
12796		3070	5.98	12.8	0.24	6.3	1.455	0.79	37.8	1.5	13.7	1145	1.63	0.12	11
12797		2090	5.81	19.7	0.44	6.1	1.29	1.05	38.1	1.2	11.65	937	1.32	0.2	15.3
12798		1680	7.22	1.88	0.5	1.3	0.611	0.02	9.8	0.8	21.6	2020	2.67	0.02	1.3
12799		703	6.98	3.05	0.3	0.1	0.129	1.93	45.9	1	22.2	1740	5.34	0.06	17.8



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Sample Description	Method Analyte Units LOR	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
12790		110	9.3	33.1	<0.002	<0.01	0.08	7	1	1.2	39.1	0.44	<0.05	18	0.332
12791		170	24.7	104	0.002	<0.01	0.05	9.4	1	0.9	86.5	0.34	<0.05	24.2	0.2
12792		150	22.8	57.8	<0.002	<0.01	0.06	7.3	1	0.8	47.1	0.44	<0.05	18	0.301
12793		190	11.8	30.6	0.002	0.01	0.22	5.9	1	1.5	27.2	0.59	0.05	32.9	0.388
12794		200	12.5	78.9	0.002	<0.01	0.1	16.2	1	2.4	84.2	0.55	<0.05	16.3	0.395
12795		180	12	87	0.002	<0.01	0.11	14.5	1	1.9	96.2	0.35	<0.05	8.6	0.242
12800		210	15.2	91.7	0.002	<0.01	0.14	24.9	1	3.1	104	0.71	<0.05	14.1	0.433
12767		8570	3.1	202	0.002	0.04	<0.05	9.5	1	0.4	764	3.27	<0.05	4.3	0.305
12796		240	>10000	34.9	0.003	0.4	0.2	11.2	42	71	290	0.94	3.54	5.8	0.258
12797		420	5370	48.5	0.003	0.3	0.16	11.2	17	66.4	566	1.29	1.32	5.2	0.25
12798		30	3530	0.7	0.003	0.34	0.06	3.4	17	17.5	40.8	0.18	1.12	2.1	0.071
12799		330	1550	92.3	0.004	0.21	0.06	0.6	5	3	249	0.77	0.31	6.9	0.124



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		U	V	W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	1	0.1	0.1	2	0.5	0.05	0.03	0.03	0.05	0.01	0.01	0.1	0.03
12790		1	52	0.3	12.1	20	48.1	2.76	1.22	0.76	5.02	0.46	0.17	30.8	8.97
12791		1	35	0.3	18.4	17	27	3.23	1.83	1.18	5.22	0.64	0.26	32.9	9.48
12792		1.2	45	0.3	13.7	27	41.1	2.85	1.43	0.92	5.23	0.5	0.21	31.1	8.96
12793		1.4	112	0.6	12.2	17	43.6	3.02	1.2	0.81	6.72	0.46	0.14	42	11.95
12794		0.8	81	0.4	32.8	33	35.4	5.67	3.47	1.31	6.47	1.18	0.51	31.9	8.95
12795		0.7	63	0.4	25.6	28	40.7	4.04	2.48	1.24	4.47	0.85	0.35	21.3	5.88
12800		1.5	123	1	35.9	65	88.4	5.9	3.57	1.51	6.87	1.25	0.52	31.4	8.62
12767		0.4	263	0.1	27.6	42	1.5	7.44	2.5	6.16	17.55	1.06	0.2	127	35.7
12796		1.1	38	6.7	48.9	4420	167.5	7.58	4.39	1.79	8.24	1.55	0.64	35.7	9.8
12797		1.4	59	5.4	58.4	5030	163	10.45	5.94	2.65	11.7	2.11	0.86	47.7	12.65
12798		0.7	9	6.4	15.5	3190	47	2.56	1.52	0.59	2.82	0.53	0.24	12	3.17
12799		2.8	7	18.8	10.1	2230	4.3	1.38	0.84	0.65	2.48	0.28	0.16	15.6	5.69



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CERTIFICATE OF ANALYSIS AS08152925

Sample Description	Method Analyte Units LOR	ME-MS61r	ME-MS61r	ME-MS61r	Pb-OG62	Au-AA24
		Tb	Tm	Yb	Pb	Au
		ppm	ppm	ppm	%	ppm
		0.01	0.01	0.03	0.01	0.005
12790		0.57	0.16	1.03		
12791		0.61	0.26	1.62		
12792		0.59	0.2	1.28		
12793		0.7	0.15	0.91		
12794		0.95	0.52	3.23		
12795		0.69	0.36	2.26		
12800		1.01	0.52	3.19		
12767		1.74	0.25	1.34		<0.005
12796		1.29	0.65	4.11	1.31	0.067
12797		1.81	0.87	5.46		0.030
12798		0.44	0.23	1.48		0.026
12799		0.26	0.13	0.84		0.008



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CERTIFICATE OF ANALYSIS AS08152925

Method	CERTIFICATE COMMENTS
ME-MS61r ME-MS61r	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.