APPENDIX 2

BARFUSS CORPORATION

EL 24552

ROCK-CHIP SAMPLE LEDGER AND ASSAY RESULTS

ROCK-CHIP SAMPLE ASSAY METHODOLOGY

Assay Laboratory

UltraTrace Pty Ltd, Western Australia

Job Numbers

u84414a, u84414b, u87868

Sample preparation

	Code	Job Numbers
sort & dry	PR001	all
crush	PR034	all
pulverise	PR044	all
split	PR002	all

Blanks & Standards

Canmet SU-1a	Munni Munni Ore (Helix)	STD 4.1
Gannet ST 04/0230	Slovak Coal Ash EOP	STD 4.2
Gannet ST 257	STD 1.1	STD 5.1
Gannet ST270	STD 1.2	STD 5.2
Gannet ST321	STD 2.1	SY-4
Gannet ST 257	STD 2.2	UT MS-1
Gannet ST-265	STD 3.1	
Laterite 610-1	STD 3.2	

ROCK-CHIP SAMPLE ASSAY METHODOLOGY (continued)

Assay Description

	Assay Code	Job Numbers	Elements	Units	Detection
fire assay (40 g); ICP-OES	FA003	u84414a	Au	ppb	1
		u84414b	Pd	ppb	1
		u87868	Pt	ppb	1
mixed acid digest; ICP-OES	ICP102	u84414a	Al	%	0.01
		u84414b	Ca	%	0.01
		u87868	Co	ppm	2
			Cu	ppm	1
			K	%	0.01
			Mn	ppm	1
			Na	%	0.01
			Ni	ppm	1
			P	ppm	20
			S	ppm	20
			Sc	ppm	1
			V	ppm	2
			Zn	ppm	1
peroxide fusion, dilute acid digest ICP-OES	ICP104	u84414a	B	ppm	20
		u84414b	Cr	ppm	50
		u87868	Fe	%	100
			Mg	%	100
			Si	%	100
			Ti	%	100
peroxide fusion, dilute acid digest ICP-MS	ICP304	u84414a	Ge	ppm	20
		u84414b	Hf	ppm	2
		u87868	Nb	ppm	5
			Rb	ppm	0.5
			Ta	ppm	0.5
			Zr	ppm	10

	Assay Code	Job Numbers	Elements	Units	Detection
mixed acid digest; ICP-MS	ICP302	u84414a	Ag	ppm	0.5
		u84414b	As	ppm	1
		u87868	Ba	ppm	1
			Be	ppm	0.1
			Bi	ppm	0.1
			Cd	ppm	0.5
			Ce	ppm	0.1
			Cs	ppm	0.1
			Dy	ppm	0.05
			Er	ppm	0.05
			Eu	ppm	0.05
			Ga	ppm	0.2
			Gd	ppm	0.2
			Ho	ppm	0.02
			In	ppm	0.02
			La	ppm	0.1
			Li	ppm	0.5
			Lu	ppm	0.02
			Mo	ppm	0.5
			Nd	ppm	0.05
			Pb	ppm	1
			Pr	ppm	0.02
			Re	ppm	0.1
			Sb	ppm	0.1
			Se	ppm	5
			Sm	ppm	0.05
			Sn	ppm	1
			Sr	ppm	0.5
			Tb	ppm	0.02
			Te	ppm	0.2
			Th	ppm	0.1
			Tl	ppm	0.1
			Tm	ppm	0.02
			U	ppm	0.1
			W	ppm	0.5
			Y	ppm	0.1
			Yb	ppm	0.05

ROCK-CHIP SAMPLE LEDGER
(MC 24552 prospect)

Sample Number	East (gda94z53)	North (gda94z53)	Location	sample type	Description	Sampler	Date Collected
HR157	501667	7449016	3.4 km NW of Ruby Mine camp	float/scree composite	ULTRAMAFIC (meta-): greenish hornblendic rock	RC	4/05/2006
HR176	507056	7447699	2.6 km E of Ruby Mine camp	outcrop composite	GRANITIC GNEISS: pinkish tan; fine grained; porphyritic; some massive, some sheared/foliated	RC	16/05/2006
HR177	506858	7447735	2.4 km E of Ruby Mine camp	outcrop composite	SCHIST: dark brownish fine grained biotitic band (<0.5-1 m) in granitic gneiss	RC	16/05/2006
HR180	506895	7446926	2.4 km E of Ruby Mine camp	subcrop composite	CALCSILICATE / METASEDIMENT: small patch (few metres) in granitic gneiss: mixed, variable quartz, garnet, ?diopside, ?tremolite, magnetite	RC	30/07/2006
HR181	506938	7446943	2.4 km E of Ruby Mine camp	outcrop composite	GRANITIC GNEISS: pinkish; fine grained; feldspar-quartz(-biotite); well foliated	RC	30/07/2006
HR182	507348	7446611	2.9 km ESE of Ruby Mine camp	outcrop composite	BIOTITE VEIN: biotite (+ quartz, ?hornblende); at least 10 m by up to 30 cm blackish subvertical ENE-WSW vein in granitic gneiss	RC	30/07/2006
HR183	507682	7446556	3.2 km ESE of Ruby Mine camp	float / scree composite	GARNET ROCK & MAGNETITE: common scree over few metres area in granitic gneiss	RC	30/07/2006
HR184	507728	7446511	3.2 km ESE of Ruby Mine camp	outcrop composite	METASEDIMENT(?) & GRANITIC GNEISS: gneissic wall rock plus ca 1 m band of paler, sugary, sl. garnetiferous ?metasediment	RC	30/07/2006
HR185	509174	7449383	hill beside Entire Creek, ca. 5 km NE of Ruby Mine Camp	outcrop composite	AMPHIBOLITE: massive dark blackish hornblende-rich rock	RC	31/07/2006
HR186	502826	7455103	Eastern Chief Mica Mine, ca. 10.8 km E of Harts Range community	mullock composite	FELDSPAR &/or beryl: dull pale greenish material	RC	1/08/2006
HR187	502518	7454628	S of Eastern Chief Mica Mine, ca. 10.6 km E of Harts Range community	outcrop composite	PEGMATITE: mica-rich feldspar-quartz-mica pegmatite; common darkish secondary surficial ?MnO	RC	1/08/2006
HR188	502489	7455108	W of Eastern Chief Mica Mine, ca. 10.5 km E of Harts Range community	outcrop composite	PEGMATITE: ca. 1 metre feldspar-quartz-mica pegmatite; minore fine granular brown mineral (not common in dyke); from small mica workings/pit	RC	1/08/2006

ROCK-CHIP SAMPLE LEDGER
(MC 24552 prospect)

Sample Number	East (gda94z53)	North (gda94z53)	Location	sample type	Description	Sampler	Date Collected
HR189	501930	7455860	NW of Eastern Chief Mica Mine, ca. 10.5 km E of Harts Range community	outcrop composite	PEGMATITE: ca. 0.5 m NNE-SSW dyke in gneiss & schist; medium grained feldspar-quartz-mica	RC	1/08/2006
HR190	500128	7455968	ca. 8.6 km E of Harts Range community	outcrop composite	PEGMATITE: ca. 10 m dyke: coarse feldspar-quartz-mica; plus some altered/metamorphosed schist wallrock	RC	2/08/2006
HR191	499700	7455563	ca. 8.3 km E of Harts Range community	outcrop composite	PEGMATITE: 2-3 m WNW-ESE dyke; coarse feldspar-quartz-mica; inc. some rafts of gneissic country rock	RC	2/08/2006
HR192	499578	7455643	ca. 8.3 km E of Harts Range community	outcrop composite	SCHISTOSE GNEISS: altered/metamorphosed wall-rock to pegmatite: medium-coarse biotitte-quartz-feldspar; reddish weathered	RC	2/08/2006
HR193	499915	7456064	small mica mine.8.4 km E of Harts Range community	outcrop composite	MALACHITE, etc.: enriched small (ca. 30cm) mass of mixed malachite, chalky ?feldspar, malchite-veined quartz, minor gossan, in quartz vein core of pegmatite	RC	2/08/2006
HR194	499911	7456065	small mica mine.8.4 km E of Harts Range community	outcrop composite	FERRUGINOUS QUARTZ.: associated with vuggy jointing in N wall of quartz vein core of pegmatite	RC	2/08/2006
HR204	464124	7440537	ridge ca. 12.4 km S of Mt Riddoch Stn	outcrop composite	BIOTITE VEIN: ca. 0.5 m thick SE-NW vein; medium grained, biotite-rich	RC	19/08/2006
HR205	464125	7440537	ridge ca. 12.4 km S of Mt Riddoch Stn	outcrop composite	BIOTITE VEIN: ca. 0.5 m thick SE-NW vein; biotite-rich; coarser zone (up to 5cm thick) on E side	RC	19/08/2006
HR206	464108	7440583	ca. 12.4 km S of Mt Riddoch Stn	float composite, near in situ	TOURMALINE (?): very coarse densse black ?tourmaline from quartz vein associated with feldspar-rich pegmatite	RC	19/08/2006
HR207	466787	7439565	Copper Queen prospect, 13 km S of Mt Riddoch Stn	1 m channel (rough)	MALACHITE-RICH CALCSILICATE: ca. 1 m wide band in variable epidote & garnetiferous calcsilicate rocks	RC	19/08/2006
HR208	466743	7439548	Copper Queen prospect, 13 km S of Mt Riddoch Stn	3 m channel (rough)	MALACHITE-RICH FERRUGINOUS CALCSILICATE: ca. 3 m wide zone at intersection of two near parallel ferruginous bands	RC	19/08/2006
HR209	466019	7439421	Copper Queen Westprospect, 13 km S of Mt Riddoch Stn	float cobble - near in situ	BIOTITE GNEISS: mod. dense rock; minor malachite; in track cutting	RC	20/08/2006

ROCK-CHIP SAMPLE LEDGER
(MC 24552 prospect)

Sample Number	East (gda94z53)	North (gda94z53)	Location	sample type	Description	Sampler	Date Collected
HR210	503488	7423318	Leprechaun mica mine (in adit), 24 km S of Ruby Mine camp	outcrop composite	PEGMATITE: muscovite-rich feldspar rock	RC	27/08/2006
HR211	503463	7423318	Leprechaun mica mine, 24 km S of Ruby Mine camp	mullock composite	MUSCOVITE SCHIST (PEGMATITE?): coarse grained; with coarse anhedral black tourmaline; some brownish ?ferrugginous	RC	27/08/2006
HR212	503475	7423352	Leprechaun mica mine, 24 km S of Ruby Mine camp	outcrop composite	AMPHIBOLITE? or METASEDIMENT?: fine grained dark grey-black rock	RC	27/08/2006
HR213	501713	7430343	ca. 800 m E of road, 17.2 km S of Ruby Mine camp	outcrop composite	QUARTZ-BERYL rock	RC	28/08/2006
HR214	500802	7430619	ca. 850 m E of road, 16.9 km S of Ruby Mine camp	outcrop composite	PEGMATITE & AMPHIBOLITE: mixed feldspar-quartz(-biotite-?tourmaline) pagmatite plus ?meta-amohibolite: ca. 2 x 4 m pod in schist country rock	RC	28/08/2006

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ROCK-CHIP SAMPLE ASSAY LEDGER
(EL 24552)

Harts Range Project

Sample Number	East (gda94z53)	North (gda94z53)	Ag ppm	Al %	As ppm	Au 1 ppb	Au 2 ppb	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe %	Ga ppm	Gd ppm	Ge ppm	Hf ppm
HR157	501667	7449016		7.79															0.8			7.1				
HR176	507056	7447699	-0.5	6.72	1	2		-20	580	2	-1	0.89	-0.5	217	8	-50	2	14	8.5	4.5	1.5	2.3	20.2	10	-20	8
HR177	506858	7447735	-0.5	2.25	2	1		-20	340	-1	-1	0.18	-0.5	593	16	50	8	51	46.5	24	1.5	9	23.4	44	-20	66
HR180	506895	7446926	-0.5	7.49	2	-1		20	389	1	0.4	4.74	-0.5	46.1	20	-50	0.6	7	16.7	11.7	1	16	25.6	12.8	-20	4
HR181	506938	7446943	-0.5	6.99	1	-1		20	470	2	-0.1	0.26	-0.5	156	2	-50	2.3	10	4.45	2	0.7	2	22.8	6.6	-20	6
HR182	507348	7446611	-0.5	4.58	2	3		20	774	0.7	0.2	0.71	-0.5	1100	34	-50	12.9	53	26.8	12.5	1.3	13	30.6	29.6	-20	78
HR183	507682	7446556	-0.5	3.37	3	4		-20	285	0.6	0.1	0.22	-0.5	81.8	50	-50	0.8	17	3.75	1.95	0.35	48	34	3.8	-20	4
HR184	507728	7446511	-0.5	6.69	3	-1		20	314	1.7	0.1	0.53	-0.5	130	4	-50	3.1	26	7.5	4.1	0.7	2.1	17.2	8.4	-20	6
HR185	509174	7449383	-0.5	7.49	1	1		20	244	0.3	-0.1	8.3	-0.5	21	40	250	0.3	93	2.75	1.75	0.95	7	14.6	3	-20	-2
HR186	502826	7455103	-0.5	8.47	-1	-1		40	145	10.7	0.2	0.28	-0.5	12.9	2	-50	3.5	10	2.65	0.8	0.35	1.2	29	3.2	-20	-2
HR187	502518	7454628	-0.5	15.3	-1	1		340	1350	5.3	-0.1	0.12	-0.5	42.7	8	-50	9	12	1.4	0.45	1	2.4	58.6	3.4	-20	2
HR188	502489	7455108	-0.5	9.97	3	2		40	238	2.4	0.5	0.65	-0.5	41.5	4	-50	12.8	8	31.7	37.7	0.6	6.1	48.4	8.8	-20	2
HR189	501930	7455860	-0.5	9.09	1	1		20	1100	9	1.7	0.51	-0.5	26.9	12	-50	8.7	25	2.85	1.4	0.6	2	44	2.6	-20	2
HR190	500128	7455968	-0.5	7.01	-1	-1		20	795	1	-0.1	0.21	-0.5	42.6	4	-50	2.3	19	2.5	0.95	1	2.4	20.4	3.8	-20	2
HR191	499700	7455563	-0.5	7.82	1	-1		20	496	2.2	-0.1	0.26	-0.5	77.2	10	-50	3.8	78	4.4	1.4	0.65	2.6	31.6	6.2	-20	6
HR192	499578	7455643	-0.5	5.83	1	-1		20	391	2.8	0.6	0.36	-0.5	65.3	14	-50	9	211	2.55	0.75	0.9	6.9	18.8	4	-20	4
HR193	499915	7456064	-0.5	6.43	7	-1		20	1500	10.3	7.6	15.1	-0.5	507	8	-50	0.5	11400	344	118	4.9	8.1	13	299	-20	-2
HR194	499911	7456065	-0.5	0.28	4	2		20	104	1	3.8	0.06	-0.5	5	10	-50	0.2	229	1.9	0.75	0.1	4.9	1.4	1.6	-20	-2
HR204	464124	7440537																								
HR205	464125	7440537																								
HR206	464108	7440583																								
HR207	466787	7439565																								
HR208	466743	7439548																								
HR209	466019	7439421																								
HR210	503488	7423318																								
HR211	503463	7423318																								
HR212	503475	7423352																								
HR213	501713	7430343																								
HR214	500802	7430619																								

ROCK-CHIP SAMPLE ASSAY LEDGER
(EL 24552)

Harts Range Project

Sample Number	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P	Pb	Pd 1	Pd 2	Pr	Pt 1	Pt 2	Rb	Re	S	Sb	Sc	Se	Si	Sm
	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppb	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
HR157			0				9.01																					
HR176	1.8	0.04	3	92.5	14	0.6	0.23	330	-5	1.8	15	62	16	400	27	-1		19	2		296	-0.1	20	-0.2	5.5	-5	34.9	12.5
HR177	9	0.22	2	365	71.5	2.8	1.18	1310	-5	0.02	120	229	24	500	17	-1		69.6	1		414	-0.1	100	-0.2	29	10	34.2	46.5
HR180	3.66	2.94	1	14.8	10.5	1.74	0.22	61800	1	0.28	10	16.3	14	200	8	-1		3.88	-1		53.8	0.5	220	0.2	8.5	-5	18.6	8.7
HR181	0.76	0.16	4	67.8	38	0.32	0.23	762	2	1.38	15	48.5	13	140	22	-1		15.1	-1		384	0.3	40	0.2	9	-5	31.5	9.15
HR182	4.94	0.2	4	253	187	1.3	1.7	2280	2	0.22	125	200	58	2600	12	-1		64.3	-1		653	-0.1	380	0.2	32.5	-5	22.4	34.8
HR183	0.72	2.02	1	25.3	16	0.3	0.26	2570	1.5	0.06	10	19	29	140	6	-1		5.76	-1		117	-0.1	60	-0.2	5.5	-5	7.97	3.6
HR184	1.52	0.08	5	55.3	25.5	0.46	0.16	320	3.5	1.75	15	45.7	16	200	40	-1		13.2	-1		370	-0.1	80	0.2	5.5	-5	34.8	8.85
HR185	0.6	0.04	0	8.6	10	0.2	5.03	1430	-0.5	1.13	-5	12.5	97	400	7	-1		2.9	2		8.6	-0.1	220	-0.2	33.5	-5	24.8	3
HR186	0.38	-0.02	2	6.3	15	0.06	0.05	362	0.5	3.65	-5	7	10	400	46	-1		1.74	-1		234	-0.1	20	0.2	1	-5	31.8	2.65
HR187	0.24	0.14	6	20.3	12	0.1	0.72	580	-0.5	2.4	30	16.9	17	180	43	-1		4.66	-1		388	-0.1	120	-0.2	21.5	-5	26.3	4.1
HR188	10	0.08	6	14.6	18.5	6.46	0.21	12500	1.5	0.98	25	15.8	11	560	103	-1		3.9	-1		540	-0.1	40	0.2	23	5	27.7	4.9
HR189	0.52	0.12	4	11.2	14.5	0.18	0.56	487	1.5	0.82	50	9.5	21	260	44	-1		2.76	-1		341	-0.1	120	0.2	12.5	-5	33.1	2.55
HR190	0.4	0.06	5	20.7	8.5	0.1	0.43	220	2	0.86	10	17	18	540	76	-1		4.86	-1		227	-0.1	20	-0.2	8.5	-5	33.7	4.2
HR191	0.66	0.1	4	36.1	15	0.14	0.51	377	1	0.52	15	28.8	23	560	30	-1		8.1	-1		193	-0.1	180	-0.2	12.5	-5	31.9	6.9
HR192	0.4	0.06	2	30.9	19.5	0.06	0.94	393	1.5	0.74	15	25.4	32	280	24	-1		6.96	-1		199	-0.1	180	-0.2	9.5	-5	31.8	5.15
HR193	53	-0.02	1	182	5	8.48	0.12	1250	4.5	1.03	-5	337	16	101000	53	1		79	-1		32.6	-0.1	2360	-0.2	-0.5	55	15.9	207
HR194	0.3	-0.02	0	2	4	0.06	0.07	95	31	0.02	-5	2.7	18	260	12	9		0.68	1		4.6	-0.1	160	0.2	1	15	39.5	1.1
HR204																												
HR205																												
HR206																												
HR207																												
HR208																												
HR209																												
HR210																												
HR211																												
HR212																												
HR213																												
HR214																												

ROCK-CHIP SAMPLE ASSAY LEDGER
(EL 24552)

Sample Number	Sn ppm	Sr ppm	Ta ppm	Tb ppm	Te ppm	Th ppm	Ti %	Tl ppm	Tm ppm	U ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm	Job Number
HR157														0.3			u84414b
HR176	2	80	1	1.4	-0.2	36	0.21	1.5	0.6	4	18	-5	49	4	54	260	u84414a
HR177	13	120	7.5	7.2	-0.2	245	1.25	1.9	3.4	43	104	-5	257	19	216	1780	u84414a
HR180	31	52	1	2.5	-0.2	26.3	0.19	0.3	1.8	3.5	64	4.5	102	12.3	119	170	u87868
HR181	10	30	1	0.9	-0.2	53.9	0.14	2.3	0.32	3.5	16	1.5	17.6	2.15	51	210	u87868
HR182	5	27	6	4.56	-0.2	93.8	1.6	2.8	1.58	6.3	86	4	103	9.5	262	3270	u87868
HR183	96	8	1	0.6	-0.2	36.3	0.16	0.8	0.3	4.1	44	11.5	17.6	1.95	284	180	u87868
HR184	5	33	1.5	1.26	-0.2	53.8	0.12	2	0.54	9.5	14	0.5	34	3.4	34	200	u87868
HR185	2	288	-0.5	0.46	-0.2	1.6	0.41	-0.1	0.26	0.2	202	-0.5	13.4	1.55	70	50	u87868
HR186	2	48.5	-0.5	0.54	-0.2	5.4	-0.01	1	0.1	0.6	8	2	10.2	0.55	16	20	u87868
HR187	15	85.5	9.5	0.36	-0.2	9.5	0.25	1.2	0.08	1.3	84	10.5	4.7	0.65	50	70	u87868
HR188	5	66	1.5	2.76	-0.2	29	0.05	2.3	6.44	5.1	18	12	221	46.5	41	60	u87868
HR189	8	36	5.5	0.48	-0.2	14	0.13	1.4	0.2	3.5	48	14.5	12.9	1.35	55	60	u87868
HR190	3	110	0.5	0.54	-0.2	16.4	0.13	0.9	0.12	1.8	26	1.5	9.5	0.7	32	80	u87868
HR191	10	32.5	2.5	0.84	-0.2	26.6	0.18	0.8	0.16	5.8	28	13.5	15.2	1.05	59	170	u87868
HR192	5	37.5	1.5	0.54	-0.2	13.8	0.26	1	0.08	3.6	64	4	8.5	0.55	135	150	u87868
HR193	1	2010	2	62.7	3.4	5.7	0.01	0.1	14.2	174	12	1	1330	75.6	17	30	u87868
HR194	1	10.5	-0.5	0.32	1	0.6	-0.01	-0.1	0.1	1.2	22	35.5	5.3	0.55	8	20	u87868
HR204																	
HR205																	
HR206																	
HR207																	
HR208																	
HR209																	
HR210																	
HR211																	
HR212																	
HR213																	
HR214																	

APPENDIX 3

BARFUSS CORPORATION

EL 24552

GROUND SPECTROMETER SURVEY RESULTS

SURVEYING METHODOLOGY.

Instrument:- SAIC Exploranium GR-320 hand-held spectrometer

Survey Traversing:
- instrument reading continuously, recording a reading every 30 seconds
- conducted at slow walking pace, covering 10 to 20 metres per reading
- each reading an average value for the ground traversed since the previous reading on that traverse.
- instrument sensor carried at arms length, approximately 30 cm above the ground

Point Readings:
- readings taken over 60 seconds, with the instrument sensor held stationary in contact with outcrop or ground (unless otherwise indicated in the tabulated data)

Reading Locations:
- recorded using a Garmin hand-held GPS unit, generally attached to and recorded by the Exploranium GR-320 as decimal longitude / latitude geographic coordinates
- converted to other map projections / datums using MapInfo GIS software
- GPS accuracy generally +/- 5 to 7 metres

All readings:
- recorded and stored in ASCII text format by the Exploranium GR-320 and downloaded directly from the instrument to a computer

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-19	464119	7440284	A	A1	143	38948.43985	29.072	1.76483	5.01378	39.91957	Westend
06-08-19	464118	7440305	A	A2	144	38948.4402	29.06	1.82204	4.66374	38.2601	Westend
06-08-19	464123	7440326	A	A3	145	38948.44054	28.96	1.59713	8.37836	58.57411	Westend
06-08-19	464122	7440343	A	A4	146	38948.44089	28.936	1.37692	10.57483	67.47269	Westend
06-08-19	464124	7440360	A	A5	147	38948.44124	28.968	1.34153	10.02584	59.14025	Westend
06-08-19	464115	7440373	A	A6	148	38948.44159	29.056	1.62342	8.00944	43.27944	Westend
06-08-19	464118	7440389	A	A7	149	38948.44193	28.936	1.76122	11.01042	55.59998	Westend
06-08-19	464126	7440401	A	A8	150	38948.44228	28.944	2.70115	8.15124	64.83882	Westend
06-08-19	464129	7440414	A	A9	151	38948.44263	29.036	2.26952	7.3925	41.81917	Westend
06-08-19	464135	7440430	A	A10	152	38948.44297	28.84	2.34027	13.17496	71.93228	Westend
06-08-19	464133	7440444	A	A11	153	38948.44332	28.872	1.68986	14.91225	72.72954	Westend
06-08-19	464126	7440455	A	A12	154	38948.44367	28.896	1.25723	11.23159	64.81144	Westend
06-08-19	464123	7440462	A	A13	155	38948.44402	28.708	1.59325	22.62289	96.74312	Westend
06-08-19	464123	7440473	A	A14	156	38948.44436	28.892	1.57251	11.59256	67.18648	Westend
06-08-19	464130	7440486	A	A15	157	38948.44471	28.888	2.4921	10.22529	60.09604	Westend
06-08-19	464131	7440498	A	A16	158	38948.44506	28.98	2.3796	11.57278	47.03373	Westend
06-08-19	464117	7440510	A	A17	159	38948.44541	28.868	1.77565	15.56544	61.59632	Westend
06-08-19	464109	7440516	A	A18	160	38948.44575	28.94	2.70084	12.80395	43.72599	Westend
06-08-19	464116	7440521	A	A19	161	38948.4461	28.944	2.87067	11.93629	55.55568	Westend
06-08-19	464129	7440521	A	A20	162	38948.44645	28.908	2.10025	20.86141	40.23942	Westend
06-08-19	464134	7440530	A	A21	163	38948.44679	28.988	1.4964	17.93049	29.29324	Westend
06-08-19	464125	7440538	A	A22	164	38948.44714	28.968	1.19338	17.91255	34.74933	Westend
06-08-19	464129	7440538	A	A23	171	38948.47821	29.14	1.76587	6.68707	23.56633	Westend
06-08-19	464119	7440535	A	A24	172	38948.47855	28.86	1.82634	19.17816	45.70795	Westend
06-08-19	464111	7440538	A	A25	173	38948.4789	29.048	1.28176	13.72409	25.10496	Westend
06-08-19	464097	7440541	A	A26	174	38948.47925	29.088	1.12313	8.58793	22.75738	Westend
06-08-19	464083	7440540	A	A27	175	38948.47959	29.068	1.1527	9.23373	32.45486	Westend
06-08-19	464073	7440541	A	A28	176	38948.47994	28.936	2.05125	9.58655	62.33834	Westend
06-08-19	464064	7440550	A	A29	177	38948.48029	28.896	2.87273	9.24158	55.22631	Westend
06-08-19	464053	7440553	A	A30	178	38948.48064	28.996	1.75993	8.97271	46.1764	Westend
06-08-19	464044	7440549	A	A31	179	38948.48098	28.944	2.76722	8.45774	60.87304	Westend
06-08-19	464031	7440545	A	A32	180	38948.48133	28.856	3.19929	18.7137	65.71606	Westend
06-08-19	464014	7440545	A	A33	181	38948.48168	28.968	2.30888	12.26282	39.15072	Westend
06-08-19	464005	7440535	A	A34	182	38948.48203	29.056	1.63102	6.32236	40.29974	Westend
06-08-19	464121	7440547	A	A35	183	38948.49279	29.068	0.81452	8.52096	31.85588	Westend
06-08-19	464117	7440552	A	A36	184	38948.49314	29.036	1.86141	8.71054	42.46119	Westend
06-08-19	464115	7440558	A	A37	185	38948.49348	29.072	2.53694	5.80579	26.53885	Westend
06-08-19	464118	7440564	A	A38	186	38948.49383	29.024	3.17379	10.82181	33.73093	Westend
06-08-19	464128	7440565	A	A39	187	38948.49418	28.92	2.28333	16.6597	51.22352	Westend
06-08-19	464129	7440571	A	A40	188	38948.49453	28.588	3.36581	30.44552	81.35892	Westend
06-08-19	464120	7440577	A	A41	189	38948.49487	27.432	4.46227	96.51348	208.53915	Westend
06-08-19	464113	7440586	A	A42	190	38948.49522	26.98	3.44138	135.77112	232.57764	Westend
06-08-19	464119	7440593	A	A43	191	38948.51135	28.64	3.52549	24.81043	92.97203	Westend
06-08-19	464118	7440607	A	A44	192	38948.5117	28.808	2.56593	14.30324	72.58961	Westend
06-08-19	464123	7440617	A	A45	193	38948.51205	28.964	2.23055	6.02138	60.21167	Westend
06-08-19	464125	7440625	A	A46	194	38948.5124	28.912	2.38933	5.70343	62.54365	Westend
06-08-19	464129	7440628	A	A47	195	38948.51274	29	1.97014	4.42538	52.53206	Westend
06-08-19	464134	7440635	A	A48	196	38948.51309	29.028	2.16154	6.55978	40.47753	Westend
06-08-19	464133	7440648	A	A49	197	38948.51344	29.112	1.29863	2.52478	30.23131	Westend
06-08-19	464129	7440658	A	A50	198	38948.51378	29.16	0.62876	3.54311	32.10843	Westend
06-08-19	464125	7440665	A	A51	199	38948.51413	29.148	0.58535	4.08526	27.44312	Westend
06-08-19	464126	7440671	A	A52	200	38948.51448	29.164	1.28041	3.47621	28.366	Westend
06-08-19	464123	7440679	A	A53	201	38948.51483	29.132	1.17731	2.39976	28.78167	Westend
06-08-19	464123	7440694	A	A54	202	38948.51517	29.068	1.30672	7.14299	42.43233	Westend
06-08-19	464126	7440711	A	A55	203	38948.51552	28.84	1.93618	7.44844	83.22776	Westend
06-08-19	464125	7440730	A	A56	204	38948.51587	28.784	2.40767	6.27906	96.02347	Westend
06-08-19	464129	7440746	A	A57	205	38948.51622	28.64	2.31402	8.93114	136.5876	Westend
06-08-19	464133	7440762	A	A58	206	38948.51656	28.82	2.60153	6.90883	93.33868	Westend
06-08-19	464135	7440780	A	A59	207	38948.51691	28.884	2.31986	7.78981	79.07252	Westend
06-08-19	464031	7440753	B	B1	208	38948.53219	29.18	2.61181	1.82583	21.53479	Westend

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-19	464028	7440737	B	B2	209	38948.53253	29.144	2.63641	2.62219	32.90494	Westend
06-08-19	464028	7440718	B	B3	210	38948.53288	29.108	2.09809	6.4555	30.39322	Westend
06-08-19	464026	7440699	B	B4	211	38948.53323	29.068	2.39876	7.44448	38.08584	Westend
06-08-19	464023	7440679	B	B5	212	38948.53358	28.896	2.17151	10.61225	70.88158	Westend
06-08-19	464027	7440659	B	B6	213	38948.53392	28.896	2.78901	6.53735	64.14113	Westend
06-08-19	464029	7440644	B	B7	214	38948.53427	29.024	1.65436	7.8955	53.35633	Westend
06-08-19	464028	7440629	B	B8	215	38948.53462	28.76	3.2563	9.13037	93.92265	Westend
06-08-19	464024	7440615	B	B9	216	38948.53497	28.728	2.34256	15.80168	91.91628	Westend
06-08-19	464027	7440604	B	B10	217	38948.53531	28.888	2.21896	15.46101	59.7787	Westend
06-08-19	464021	7440599	B	B11	218	38948.53566	28.872	2.2474	9.89666	63.64424	Westend
06-08-19	464022	7440592	B	B12	219	38948.53601	29.036	1.17294	12.30949	34.08904	Westend
06-08-19	464026	7440584	B	B13	220	38948.53635	28.964	2.05659	13.75647	37.5529	Westend
06-08-19	464029	7440570	B	B14	221	38948.5367	29.02	2.11356	11.62579	29.15895	Westend
06-08-19	464027	7440556	B	B15	222	38948.53705	28.852	2.71586	14.81795	73.3761	Westend
06-08-19	464026	7440540	B	B16	223	38948.5374	28.896	2.67352	10.30307	61.26976	Westend
06-08-19	464024	7440527	B	B17	224	38948.53774	28.912	1.38362	10.27187	65.11138	Westend
06-08-19	464029	7440509	B	B18	225	38948.54404	28.796	2.73185	7.40306	96.05069	Westend
06-08-19	464027	7440491	B	B19	226	38948.54439	28.832	2.30442	8.89159	83.76759	Westend
06-08-19	464030	7440478	B	B20	227	38948.54473	28.924	2.07838	6.96806	75.90388	Westend
06-08-19	464027	7440465	B	B21	228	38948.54508	28.772	2.76057	8.90178	94.72281	Westend
06-08-19	464025	7440455	B	B22	229	38948.54659	28.852	3.65666	12.66794	81.59466	Westend
06-08-19	464029	7440442	B	B23	230	38948.54693	28.996	1.71852	6.477	50.62852	Westend
06-08-19	464029	7440432	B	B24	231	38948.54728	28.8	2.2433	12.75373	86.62807	Westend
06-08-19	464032	7440423	B	B25	232	38948.54763	28.752	2.517	12.27368	96.41121	Westend
06-08-19	464029	7440414	B	B26	233	38948.54797	28.94	2.2288	9.80449	57.86646	Westend
06-08-19	464029	7440405	B	B27	234	38948.54832	28.944	2.07368	9.57111	55.94812	Westend
06-08-19	464027	7440396	B	B28	235	38948.54867	28.888	1.36151	12.15325	77.7199	Westend
06-08-19	464028	7440386	B	B29	236	38948.54902	28.944	1.45808	6.61777	55.89109	Westend
06-08-19	464030	7440377	B	B30	237	38948.54936	29.012	2.40018	3.29789	46.46375	Westend
06-08-19	464029	7440367	B	B31	238	38948.54971	29.104	1.42558	4.64352	36.06865	Westend
06-08-19	464027	7440355	B	B32	239	38948.55006	29.028	0.93989	5.73811	48.32971	Westend
06-08-19	464022	7440342	B	B33	240	38948.55041	28.964	1.35204	9.16111	59.49172	Westend
06-08-19	464028	7440326	B	B34	241	38948.55187	28.936	0.90379	10.98258	74.11437	Westend
06-08-19	464027	7440313	B	B35	242	38948.55222	28.94	0.61264	8.84197	74.14937	Westend
06-08-19	464031	7440299	B	B36	243	38948.55257	28.948	1.72379	7.73673	58.89916	Westend
06-08-19	464031	7440284	B	B37	244	38948.55293	28.956	2.09255	9.91693	51.71752	Westend
06-08-19	464030	7440269	B	B38	245	38948.55328	29.032	1.50084	9.23508	48.56818	Westend
06-08-19	466784	7439560	C	C1	246	38948.65881	29.24	2.16458	3.61668	16.74004	Copper Queen
06-08-19	466784	7439564	C	C2	247	38948.65916	29.268	1.46895	3.55529	14.16864	Copper Queen
06-08-19	466785	7439570	C	C3	248	38948.6595	29.3	1.9213	1.95838	17.41467	Copper Queen
06-08-19	466782	7439576	C	C4	249	38948.65985	29.272	2.18984	3.05332	14.11618	Copper Queen
06-08-19	466783	7439584	C	C5	250	38948.6602	29.268	1.98794	3.33008	15.08597	Copper Queen
06-08-19	466743	7439544	D	D1	251	38948.68979	29.212	3.4772	3.12231	24.38651	Copper Queen
06-08-19	466744	7439550	D	D2	252	38948.69014	29.208	2.81835	3.01093	18.18858	Copper Queen
06-08-19	466745	7439556	D	D3	253	38948.69049	29.228	1.72498	2.48948	16.21555	Copper Queen
06-08-19	466745	7439562	D	D4	254	38948.69083	29.252	2.67056	3.11849	11.13768	Copper Queen
06-08-19	466745	7439568	D	D5	255	38948.69118	29.284	2.40111	2.67853	14.12134	Copper Queen
06-08-20	482127	7443250	E	E1	256	38949.58502	29.132	2.44423	4.56196	27.12484	Oonagalabi West
06-08-20	482127	7443233	E	E2	257	38949.58537	29.196	1.97529	2.48647	19.35539	Oonagalabi West
06-08-20	482127	7443216	E	E3	258	38949.58572	29.2	2.07934	3.01275	21.21931	Oonagalabi West
06-08-20	482128	7443200	E	E4	259	38949.58606	29.16	1.95047	3.58783	33.60737	Oonagalabi West
06-08-20	482129	7443185	E	E5	260	38949.58641	29.168	2.4221	2.58363	30.96813	Oonagalabi West
06-08-20	482126	7443172	E	E6	261	38949.58676	29.076	2.12831	5.53676	44.92128	Oonagalabi West
06-08-20	482126	7443160	E	E7	262	38949.58711	29.06	2.39668	5.72762	43.17626	Oonagalabi West
06-08-20	482129	7443150	E	E8	263	38949.58745	29.104	1.95539	3.3745	46.61391	Oonagalabi West
06-08-20	482126	7443142	E	E9	264	38949.5878	29.1	2.11443	5.47715	44.16066	Oonagalabi West
06-08-20	482128	7443127	E	E10	265	38949.58815	29.02	1.70847	6.69816	60.33684	Oonagalabi West
06-08-20	482126	7443115	E	E11	266	38949.5885	29.004	1.74252	3.94409	57.26026	Oonagalabi West
06-08-20	482133	7443110	E	E12	267	38949.58884	29.02	1.68394	4.70698	60.81456	Oonagalabi West
06-08-20	482132	7443096	E	E13	268	38949.58919	29.02	1.48035	4.88367	61.80231	Oonagalabi West

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-20	482132	7443083	E	E14	269	38949.58954	29.032	1.43916	3.4229	51.69066	Oonagalabi West
06-08-20	482135	7443073	E	E15	270	38949.58988	29.04	2.16048	4.23285	48.54369	Oonagalabi West
06-08-20	482132	7443065	E	E16	271	38949.59965	29.056	1.17058	3.78415	50.18101	Oonagalabi West
06-08-20	482129	7443054	E	E17	272	38949.6	29.012	0.43212	6.30032	56.68014	Oonagalabi West
06-08-20	482131	7443043	E	E18	273	38949.60035	29.056	0.72428	7.73846	48.57151	Oonagalabi West
06-08-20	482130	7443028	E	E19	274	38949.60069	29.028	0.67365	7.67657	43.99262	Oonagalabi West
06-08-20	482129	7443017	E	E20	275	38949.60104	29.04	0.3283	8.55569	50.27396	Oonagalabi West
06-08-20	482126	7443006	E	E21	276	38949.60139	29.052	0.26014	6.02406	41.52222	Oonagalabi West
06-08-20	482127	7442993	E	E22	277	38949.60174	29.072	0.20765	7.66221	50.09391	Oonagalabi West
06-08-20	482123	7442980	E	E23	278	38949.60208	28.996	0.27335	5.94775	66.31584	Oonagalabi West
06-08-20	482128	7442969	E	E24	279	38949.60243	29.056	0.43058	9.47468	47.19493	Oonagalabi West
06-08-20	482124	7442957	E	E25	280	38949.60278	29.04	0.2839	6.55565	47.82486	Oonagalabi West
06-08-20	482126	7442946	E	E26	281	38949.60313	28.996	0.30309	8.62871	54.99552	Oonagalabi West
06-08-20	482128	7442934	E	E27	282	38949.60347	29.02	0.29951	7.66103	58.72658	Oonagalabi West
06-08-20	482133	7442922	E	E28	283	38949.60382	29.108	1.1347	7.40864	40.90492	Oonagalabi West
06-08-20	482127	7442909	E	E29	284	38949.60705	29.124	2.35106	4.05152	31.10187	Oonagalabi West
06-08-20	482126	7442897	E	E30	285	38949.60832	29.044	3.16474	7.67671	42.86089	Oonagalabi West
06-08-20	482130	7442887	E	E31	286	38949.60867	29.044	3.28358	4.79242	43.90827	Oonagalabi West
06-08-20	482127	7442881	E	E32	287	38949.60902	29.084	4.16859	2.21787	43.76568	Oonagalabi West
06-08-20	482127	7442876	E	E33	288	38949.60936	29.06	4.1402	3.13449	44.6779	Oonagalabi West
06-08-20	482130	7442867	E	E34	289	38949.60971	29.04	3.76173	3.19203	48.17912	Oonagalabi West
06-08-20	481717	7442575	F	F1	290	38949.64196	29.08	0.38263	7.06514	46.2201	Oonagalabi West
06-08-20	481720	7442588	F	F2	291	38949.6423	29.068	0.46804	6.71781	43.58322	Oonagalabi West
06-08-20	481722	7442600	F	F3	292	38949.64265	29.064	0.4381	5.46571	53.25512	Oonagalabi West
06-08-20	481720	7442610	F	F4	293	38949.643	29.048	0.55014	5.38723	54.74238	Oonagalabi West
06-08-20	481721	7442616	F	F5	294	38949.64334	29.056	0.72372	3.4294	56.63528	Oonagalabi West
06-08-20	481719	7442623	F	F6	295	38949.64369	29.052	0.62227	5.84117	49.05669	Oonagalabi West
06-08-20	481715	7442631	F	F7	296	38949.64404	29.068	0.64797	2.14245	56.03924	Oonagalabi West
06-08-20	481717	7442643	F	F8	297	38949.64439	29.116	0.80769	4.07857	50.33899	Oonagalabi West
06-08-20	481717	7442651	F	F9	298	38949.64473	29.064	0.63427	2.49044	53.3248	Oonagalabi West
06-08-20	481718	7442657	F	F10	299	38949.64508	29.048	0.51816	3.44721	54.97094	Oonagalabi West
06-08-20	481716	7442664	F	F11	300	38949.64543	29.072	1.15973	3.00768	46.58455	Oonagalabi West
06-08-20	481717	7442672	F	F12	301	38949.64578	29.096	1.7912	1.46968	46.62769	Oonagalabi West
06-08-20	481721	7442681	F	F13	302	38949.64612	29.08	2.05782	4.91639	45.48478	Oonagalabi West
06-08-20	481722	7442687	F	F14	303	38949.64647	29.048	2.74908	2.33534	50.36947	Oonagalabi West
06-08-20	481716	7442688	F	F15	304	38949.64682	29.028	2.49179	3.11146	48.88831	Oonagalabi West
06-08-20	481718	7442694	F	F16	305	38949.64716	29.036	3.40791	5.6345	46.73613	Oonagalabi West
06-08-20	481716	7442706	F	F17	306	38949.64751	29.004	2.78826	1.93093	48.0435	Oonagalabi West
06-08-20	481722	7442720	F	F18	307	38949.64786	29.08	1.91909	9.21014	40.86433	Oonagalabi West
06-08-20	481723	7442736	F	F19	308	38949.64821	28.988	2.72538	4.3997	58.5605	Oonagalabi West
06-08-20	481718	7442747	F	F20	309	38949.65132	29.068	1.59357	6.78619	45.84623	Oonagalabi West
06-08-20	481709	7442754	F	F21	310	38949.65167	29.08	1.64598	5.28065	32.09088	Oonagalabi West
06-08-20	481705	7442764	F	F22	311	38949.65201	29.032	2.28003	5.63295	50.57667	Oonagalabi West
06-08-20	481707	7442778	F	F23	312	38949.65236	28.968	3.2392	3.32468	67.21791	Oonagalabi West
06-08-20	481708	7442796	F	F24	313	38949.65271	28.964	3.32849	3.40234	52.02357	Oonagalabi West
06-08-20	481705	7442809	F	F25	314	38949.65306	28.96	3.8304	5.62283	52.18933	Oonagalabi West
06-08-20	481699	7442822	F	F26	315	38949.6534	29.008	2.56723	5.01619	50.40344	Oonagalabi West
06-08-20	481703	7442839	F	F27	316	38949.65375	29.048	2.8302	5.18829	45.63347	Oonagalabi West
06-08-20	481712	7442853	F	F28	317	38949.6541	29.056	2.42275	4.56057	43.06904	Oonagalabi West
06-08-20	481712	7442870	F	F29	318	38949.66292	29.036	2.243	4.03315	45.14166	Oonagalabi West
06-08-20	481710	7442882	F	F30	319	38949.66326	29.092	3.33499	2.69619	39.92263	Oonagalabi West
06-08-20	481704	7442893	F	F31	320	38949.66361	29.044	1.27679	6.09424	50.1641	Oonagalabi West
06-08-20	481704	7442903	F	F32	321	38949.66396	28.996	1.3586	7.57396	61.3181	Oonagalabi West
06-08-20	481703	7442919	F	F33	322	38949.66431	28.992	1.57767	8.30427	54.36016	Oonagalabi West
06-08-20	481705	7442932	F	F34	323	38949.66465	28.964	2.0507	6.2007	60.70771	Oonagalabi West
06-08-20	481707	7442950	F	F35	324	38949.665	28.9	2.34442	4.17084	86.06729	Oonagalabi West
06-08-20	481709	7442965	F	F36	325	38949.66535	28.964	1.27206	9.86455	59.42259	Oonagalabi West
06-08-20	481709	7442977	F	F37	326	38949.66569	28.968	2.16943	5.18585	56.88105	Oonagalabi West
06-08-20	481712	7442993	F	F38	327	38949.66604	28.976	1.49588	7.05326	67.52013	Oonagalabi West
06-08-20	481707	7443007	F	F39	328	38949.66639	28.936	1.44356	6.6976	67.41966	Oonagalabi West

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-20	481710	7443016	F	F40	329	38949.66674	28.98	1.55084	8.66565	56.0589	Oonagalabi West
06-08-20	481710	7443030	F	F41	330	38949.66991	29.032	1.746	6.82357	48.32092	Oonagalabi West
06-08-20	481716	7443034	F	F42	331	38949.67025	29.036	1.99244	5.32749	47.47255	Oonagalabi West
06-08-20	481712	7443043	F	F43	332	38949.6706	28.964	2.24573	8.91606	52.2848	Oonagalabi West
06-08-20	481710	7443059	F	F44	333	38949.67095	29.068	2.00258	5.93457	47.83494	Oonagalabi West
06-08-20	481708	7443072	F	F45	334	38949.6713	29.112	1.6294	3.16554	43.50673	Oonagalabi West
06-08-20	481711	7443090	F	F46	335	38949.67164	29.152	1.97366	3.0213	28.56988	Oonagalabi West
06-08-20	481707	7443104	F	F47	336	38949.67199	29.18	1.92442	2.70415	27.61294	Oonagalabi West
06-08-20	481706	7443118	F	F48	337	38949.67234	29.236	1.46005	3.86208	14.15156	Oonagalabi West
06-08-20	481706	7443134	F	F49	338	38949.67269	29.248	0.98569	2.83431	16.03234	Oonagalabi West
06-08-20	481709	7443152	F	F50	339	38949.67961	29.152	2.07074	2.28213	31.80325	Oonagalabi West
06-08-20	481710	7443170	F	F51	340	38949.67995	29.144	2.18026	4.33423	33.50601	Oonagalabi West
06-08-20	481706	7443186	F	F52	341	38949.6803	28.98	3.03019	7.18622	51.84707	Oonagalabi West
06-08-20	481710	7443203	F	F53	342	38949.68065	29.132	2.95764	8.30665	31.97179	Oonagalabi West
06-08-20	481709	7443218	F	F54	343	38949.681	29.028	3.20895	5.45605	47.53294	Oonagalabi West
06-08-20	481706	7443236	F	F55	344	38949.68134	29.052	2.3238	7.45009	43.0009	Oonagalabi West
06-08-20	481710	7443250	F	F56	345	38949.68169	29.092	2.64883	5.42933	33.85957	Oonagalabi West
06-08-20	481709	7443265	F	F57	346	38949.68204	29.076	2.9306	6.56348	42.24323	Oonagalabi West
06-08-20	481709	7443278	F	F58	347	38949.68238	29.04	2.68461	5.12803	49.82709	Oonagalabi West
06-08-20	481928	7443249	G	G1	348	38949.68843	29.184	1.86107	1.7966	33.55556	Oonagalabi West
06-08-20	481927	7443226	G	G2	349	38949.68877	29.128	2.31384	4.1948	29.86903	Oonagalabi West
06-08-20	481925	7443204	G	G3	350	38949.68912	29.208	2.02639	3.2225	27.51012	Oonagalabi West
06-08-20	481931	7443183	G	G4	351	38949.68947	29.132	2.18256	3.48356	37.75687	Oonagalabi West
06-08-20	481928	7443164	G	G5	352	38949.68981	29.108	2.07071	7.02462	35.93567	Oonagalabi West
06-08-20	481930	7443146	G	G6	353	38949.69016	29.06	2.01394	6.18704	45.62127	Oonagalabi West
06-08-20	481931	7443134	G	G7	354	38949.69051	29.02	1.96476	4.98752	54.63029	Oonagalabi West
06-08-20	481927	7443118	G	G8	355	38949.69086	29.028	2.04575	6.63118	55.39037	Oonagalabi West
06-08-20	481925	7443099	G	G9	356	38949.6912	29.004	1.7395	10.15438	51.65396	Oonagalabi West
06-08-20	481923	7443080	G	G10	357	38949.69155	29.064	1.73828	6.67574	53.89645	Oonagalabi West
06-08-20	481927	7443063	G	G11	358	38949.69626	29.024	2.11272	3.21756	52.11655	Oonagalabi West
06-08-20	481926	7443050	G	G12	359	38949.69661	28.96	2.21648	6.23559	64.60577	Oonagalabi West
06-08-20	481937	7443041	G	G13	360	38949.69696	29.032	1.21246	6.1453	52.87645	Oonagalabi West
06-08-20	481939	7443028	G	G14	361	38949.6973	29.012	1.85737	6.91481	55.90638	Oonagalabi West
06-08-20	481941	7443013	G	G15	362	38949.69765	28.972	3.73701	5.37539	61.75647	Oonagalabi West
06-08-20	481934	7443000	G	G16	363	38949.698	28.92	3.55432	7.00068	63.67277	Oonagalabi West
06-08-20	481932	7442984	G	G17	364	38949.69834	28.964	3.18779	6.56218	57.06724	Oonagalabi West
06-08-20	481931	7442970	G	G18	365	38949.70037	29.044	1.84038	5.36628	52.11695	Oonagalabi West
06-08-20	481926	7442951	G	G19	366	38949.70072	29.076	1.89817	3.24611	37.90244	Oonagalabi West
06-08-20	481925	7442933	G	G20	367	38949.70106	29.092	1.81449	6.52088	30.93352	Oonagalabi West
06-08-20	481929	7442913	G	G21	368	38949.70141	29.056	1.57277	5.30897	45.79529	Oonagalabi West
06-08-20	481932	7442901	G	G22	369	38949.70176	29.016	1.2225	6.14557	50.94956	Oonagalabi West
06-08-20	481929	7442889	G	G23	370	38949.70211	29.06	1.17318	4.05497	56.73175	Oonagalabi West
06-08-20	481923	7442877	G	G24	371	38949.70245	28.98	2.40895	2.76313	55.14247	Oonagalabi West
06-08-20	481932	7442868	G	G25	372	38949.7028	29.024	2.42201	6.56548	47.52993	Oonagalabi West
06-08-27	503438	7423359	A	A1	1	38956.67866	29.212	3.46809	-0.04958	32.76557	Leprechaun Mine
06-08-27	503451	7423358	A	A2	2	38956.679	29.168	2.79121	1.85653	22.97262	Leprechaun Mine
06-08-27	503466	7423356	A	A3	3	38956.67935	29.2	3.27245	1.23442	30.71775	Leprechaun Mine
06-08-27	503479	7423353	A	A4	4	38956.6797	29.208	2.86958	1.0057	23.75414	Leprechaun Mine
06-08-27	503492	7423350	A	A5	5	38956.68005	29.196	2.10971	2.71605	22.22373	Leprechaun Mine
06-08-27	503505	7423339	A	A6	6	38956.68039	29.232	2.95192	1.18606	30.73635	Leprechaun Mine
06-08-27	503496	7423325	A	A7	7	38956.68074	29.184	2.70885	1.6442	24.45424	Leprechaun Mine
06-08-27	503486	7423314	A	A8	8	38956.68109	29.28	1.40815	4.1438	11.19689	Leprechaun Mine
06-08-27	503490	7423303	A	A9	9	38956.68144	29.324	0.78781	0.44917	5.65083	Leprechaun Mine
06-08-27	503488	7423286	A	A10	10	38956.68178	29.288	1.24284	2.65536	12.1164	Leprechaun Mine
06-08-27	503476	7423278	A	A11	11	38956.68213	29.224	2.63137	2.92211	14.57587	Leprechaun Mine
06-08-27	503460	7423279	A	A12	12	38956.68248	29.208	3.00028	0.93196	27.14246	Leprechaun Mine
06-08-27	503449	7423276	A	A13	13	38956.68282	29.216	2.94266	2.03604	26.53049	Leprechaun Mine
06-08-27	503436	7423268	A	A14	14	38956.68317	29.232	2.45981	2.81685	23.34362	Leprechaun Mine
06-08-27	503427	7423250	A	A15	15	38956.68352	29.2	2.79385	2.20735	22.17646	Leprechaun Mine
06-08-27	503513	7423309	B	B1	16	38956.69331	29.304	1.55461	0.87913	11.29909	Leprechaun Mine

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-27	503496	7423312	B	B2	17	38956.69366	29.116	1.52743	4.01459	43.66154	Leprechaun Mine
06-08-27	503488	7423326	B	B3	18	38956.694	29.26	1.74542	2.7865	13.73527	Leprechaun Mine
06-08-27	503487	7423343	B	B4	19	38956.69435	29.28	1.64095	1.95333	10.93014	Leprechaun Mine
06-08-27	503484	7423359	B	B5	20	38956.6947	29.28	2.86258	1.23889	17.61129	Leprechaun Mine
06-08-27	503475	7423377	B	B6	21	38956.69505	29.176	3.36626	0.58709	29.58928	Leprechaun Mine
06-08-27	503484	7423396	B	B7	22	38956.69539	29.184	3.21485	0.20689	28.43231	Leprechaun Mine
06-08-28	501148	7431110	AA	AA1	23	38957.41902	29.132	2.29753	4.25659	35.4594	Lizzie Creek
06-08-28	501164	7431099	AA	AA2	24	38957.41936	29.164	2.5883	3.31724	30.37663	Lizzie Creek
06-08-28	501180	7431084	AA	AA3	25	38957.41971	29.164	2.611	4.83022	25.33506	Lizzie Creek
06-08-28	501197	7431077	AA	AA4	26	38957.42006	29.152	2.0407	4.55476	28.86953	Lizzie Creek
06-08-28	501216	7431066	AA	AA5	27	38957.42041	29.18	2.26	3.39696	21.40641	Lizzie Creek
06-08-28	501237	7431056	AA	AA6	28	38957.42075	29.256	1.80059	1.85057	20.38228	Lizzie Creek
06-08-28	501257	7431043	AA	AA7	29	38957.4211	29.236	1.95926	2.941	21.46038	Lizzie Creek
06-08-28	501277	7431031	AA	AA8	30	38957.42145	29.232	1.73268	2.3414	17.44217	Lizzie Creek
06-08-28	501298	7431021	AA	AA9	31	38957.42179	29.22	1.71674	3.36865	23.64441	Lizzie Creek
06-08-28	501318	7431010	AA	AA10	32	38957.42214	29.16	2.11021	4.62095	31.5185	Lizzie Creek
06-08-28	501336	7430999	AA	AA11	33	38957.42249	29.06	2.25202	7.13567	44.4999	Lizzie Creek
06-08-28	501355	7430989	AA	AA12	34	38957.42284	29.088	2.14067	5.62684	40.50108	Lizzie Creek
06-08-28	501372	7430976	AA	AA13	35	38957.42318	29.204	2.41226	4.18502	24.91664	Lizzie Creek
06-08-28	501389	7430959	AA	AA14	36	38957.42872	29.128	2.15711	2.4597	35.93629	Lizzie Creek
06-08-28	501408	7430948	AA	AA15	37	38957.42906	29.204	1.57759	3.33954	19.31105	Lizzie Creek
06-08-28	501423	7430937	AA	AA16	38	38957.42941	29.212	2.42488	3.38745	29.85516	Lizzie Creek
06-08-28	501443	7430935	AA	AA17	39	38957.42976	29.128	2.0677	5.34235	35.86073	Lizzie Creek
06-08-28	501461	7430926	AA	AA18	40	38957.4301	29.084	2.85833	3.39359	41.14441	Lizzie Creek
06-08-28	501476	7430920	AA	AA19	41	38957.43045	29.152	2.49301	6.25319	32.01171	Lizzie Creek
06-08-28	501491	7430912	AA	AA20	42	38957.4308	29.116	2.21095	6.29242	40.61679	Lizzie Creek
06-08-28	501495	7430887	AB	AB1	43	38957.43784	29.06	2.41357	5.22954	46.64792	Lizzie Creek
06-08-28	501511	7430867	AB	AB2	44	38957.43818	29.144	2.11575	5.72183	23.62165	Lizzie Creek
06-08-28	501517	7430835	AB	AB3	45	38957.43853	29.224	1.78129	3.00677	17.12057	Lizzie Creek
06-08-28	501525	7430800	AB	AB4	46	38957.43888	29.224	1.64558	4.2617	20.63647	Lizzie Creek
06-08-28	501537	7430766	AB	AB5	47	38957.43922	29.196	2.01991	2.405	24.70226	Lizzie Creek
06-08-28	501543	7430725	AB	AB6	48	38957.43957	29.192	1.68098	3.37931	28.53153	Lizzie Creek
06-08-28	501560	7430699	AB	AB7	49	38957.43992	29.14	1.89226	6.06315	30.67744	Lizzie Creek
06-08-28	501562	7430679	AB	AB8	50	38957.44027	29.176	2.28969	2.96309	28.50454	Lizzie Creek
06-08-28	501563	7430643	AB	AB9	51	38957.44061	29.084	2.62614	4.22389	40.83966	Lizzie Creek
06-08-28	501582	7430616	AB	AB10	52	38957.44096	29.124	2.36372	3.45598	36.039	Lizzie Creek
06-08-28	501578	7430609	AB	AB11	53	38957.44131	29.188	2.21559	1.4962	34.74714	Lizzie Creek
06-08-28	501584	7430591	AC	AC1	54	38957.44534	29.128	2.48759	5.20161	36.30089	Lizzie Creek
06-08-28	501591	7430575	AC	AC2	55	38957.44568	29.136	2.64324	4.50946	35.37326	Lizzie Creek
06-08-28	501601	7430560	AC	AC3	56	38957.44603	29.184	2.56391	4.43372	33.14589	Lizzie Creek
06-08-28	501611	7430544	AC	AC4	57	38957.44638	29.184	2.77063	2.27978	31.66216	Lizzie Creek
06-08-28	501619	7430527	AC	AC5	58	38957.44672	29.088	2.26311	5.1373	41.0268	Lizzie Creek
06-08-28	501632	7430507	AC	AC6	59	38957.44707	29.18	2.43363	3.21703	20.42889	Lizzie Creek
06-08-28	501637	7430485	AC	AC7	60	38957.44742	29.14	1.98155	2.52227	31.07241	Lizzie Creek
06-08-28	501638	7430464	AC	AC8	61	38957.44777	29.116	2.43278	4.92418	29.29283	Lizzie Creek
06-08-28	501651	7430449	AC	AC9	62	38957.44811	29.096	2.39933	3.98921	42.34579	Lizzie Creek
06-08-28	501657	7430431	AC	AC10	63	38957.44846	29.148	1.97732	4.935	42.22179	Lizzie Creek
06-08-28	501668	7430420	AC	AC11	64	38957.45082	29.14	2.34409	2.69981	40.24609	Lizzie Creek
06-08-28	501677	7430404	AC	AC12	65	38957.45117	29.116	1.69979	3.68464	43.9173	Lizzie Creek
06-08-28	501683	7430386	AC	AC13	66	38957.45152	29.124	1.86016	7.70466	37.3292	Lizzie Creek
06-08-28	501694	7430371	AC	AC14	67	38957.45186	29.088	1.49194	5.69279	43.76051	Lizzie Creek
06-08-28	501701	7430354	AC	AC15	68	38957.45328	29.196	1.72044	4.60918	31.7805	Lizzie Creek
06-08-28	501705	7430349	AC	AC16	69	38957.49073	29.152	2.03387	3.74178	28.96432	Lizzie Creek
06-08-28	501714	7430330	AC	AC17	70	38957.49108	29.204	1.66953	3.2344	32.66614	Lizzie Creek
06-08-28	501716	7430307	AC	AC18	71	38957.49142	29.064	2.38414	5.77647	43.41035	Lizzie Creek
06-08-28	501728	7430290	AC	AC19	72	38957.49177	29.148	2.43021	5.23957	36.03575	Lizzie Creek
06-08-28	501740	7430273	AC	AC20	73	38957.49212	29.116	2.4567	5.45652	37.50971	Lizzie Creek
06-08-28	501745	7430253	AC	AC21	74	38957.49247	29.144	2.17515	2.67354	39.78207	Lizzie Creek
06-08-28	501757	7430238	AC	AC22	75	38957.49281	29.116	2.13645	4.04219	39.42599	Lizzie Creek
06-08-28	501770	7430257	AD	AD1	76	38957.49649	29.112	2.213	2.93717	40.0348	Lizzie Creek

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-28	501807	7430252	AD	AD2	77	38957.49684	29.128	2.22902	3.10283	45.1037	Lizzie Creek
06-08-28	501847	7430258	AD	AD3	78	38957.49719	29.116	2.22646	5.45852	31.45443	Lizzie Creek
06-08-28	501883	7430271	AD	AD4	79	38957.49753	29.128	2.10245	5.59467	33.14809	Lizzie Creek
06-08-28	501927	7430281	AD	AD5	80	38957.49788	29.216	1.8654	3.27864	19.26639	Lizzie Creek
06-08-28	501967	7430293	AD	AD6	81	38957.49823	29.2	2.09365	2.90742	18.80047	Lizzie Creek
06-08-28	502007	7430300	AD	AD7	82	38957.49858	29.152	2.29891	5.18535	42.62519	Lizzie Creek
06-08-28	502052	7430303	AD	AD8	83	38957.49892	29.172	2.3438	2.00726	28.36764	Lizzie Creek
06-08-28	502094	7430316	AD	AD9	84	38957.49927	29.168	2.04003	4.3466	27.90436	Lizzie Creek
06-08-28	502134	7430319	AD	AD10	85	38957.49962	29.184	2.38482	2.84403	36.51534	Lizzie Creek
06-08-28	502169	7430326	AD	AD11	86	38957.49997	29.148	1.92134	2.02095	37.45662	Lizzie Creek
06-08-28	502197	7430330	AD	AD12	87	38957.50031	29.148	1.92542	4.09219	33.08074	Lizzie Creek
06-08-28	502234	7430343	AD	AD13	88	38957.50066	29.12	2.38254	4.31988	34.72393	Lizzie Creek
06-08-28	502275	7430344	AD	AD14	89	38957.50101	29.256	1.13303	3.91983	17.09241	Lizzie Creek
06-08-28	502309	7430355	AD	AD15	90	38957.50135	29.308	0.98032	2.76451	11.40817	Lizzie Creek
06-08-28	502343	7430362	AD	AD16	91	38957.5017	29.268	1.77192	1.8784	13.34728	Lizzie Creek
06-08-28	502304	7430359	BA	BA1	92	38957.51064	29.304	1.00474	1.90725	10.29498	Lizzie Creek
06-08-28	502280	7430353	BA	BA2	93	38957.51098	29.292	1.13982	2.80051	15.74512	Lizzie Creek
06-08-28	502256	7430358	BA	BA3	94	38957.51133	29.248	1.62551	3.18352	17.10843	Lizzie Creek
06-08-28	502231	7430354	BA	BA4	95	38957.51168	29.244	1.68288	3.9482	15.80156	Lizzie Creek
06-08-28	502206	7430353	BA	BA5	96	38957.51203	29.124	2.31503	6.39515	35.70732	Lizzie Creek
06-08-28	502186	7430346	BA	BA6	97	38957.51237	29.176	1.75826	6.54385	31.08834	Lizzie Creek
06-08-28	502164	7430346	BA	BA7	98	38957.51272	29.184	2.54195	4.37313	30.483	Lizzie Creek
06-08-28	502143	7430349	BA	BA8	99	38957.51307	29.216	2.20771	4.2143	29.05986	Lizzie Creek
06-08-28	502121	7430349	BA	BA9	100	38957.51341	29.132	2.31636	0.96143	37.05387	Lizzie Creek
06-08-28	502098	7430356	BA	BA10	101	38957.51376	29.172	2.33118	3.89585	33.7434	Lizzie Creek
06-08-28	502076	7430351	BA	BA11	102	38957.51411	29.22	2.60731	4.311	24.3729	Lizzie Creek
06-08-28	502049	7430349	BA	BA12	103	38957.51821	29.14	2.16682	3.36525	32.40768	Lizzie Creek
06-08-28	502025	7430346	BA	BA13	104	38957.51855	29.148	2.12877	4.68929	36.6311	Lizzie Creek
06-08-28	502002	7430342	BA	BA14	105	38957.5189	29.156	2.15481	4.42883	32.998	Lizzie Creek
06-08-28	501979	7430348	BA	BA15	106	38957.51925	29.164	2.1247	5.28488	32.65113	Lizzie Creek
06-08-28	501955	7430343	BA	BA16	107	38957.51959	29.18	2.1156	3.58601	24.32288	Lizzie Creek
06-08-28	501930	7430342	BA	BA17	108	38957.51994	29.164	2.21357	4.5852	31.74575	Lizzie Creek
06-08-28	501905	7430339	BA	BA18	109	38957.52029	29.16	2.16735	4.30295	22.7908	Lizzie Creek
06-08-28	501881	7430338	BA	BA19	110	38957.52064	29.132	2.35561	2.421	29.33267	Lizzie Creek
06-08-28	501855	7430340	BA	BA20	111	38957.52098	29.192	2.66618	2.9697	30.13152	Lizzie Creek
06-08-28	501832	7430344	BA	BA21	112	38957.52133	29.12	2.34035	8.28139	36.22178	Lizzie Creek
06-08-28	501810	7430343	BA	BA22	113	38957.52168	29.112	2.79678	4.02888	35.92337	Lizzie Creek
06-08-28	501791	7430339	BA	BA23	114	38957.52203	29.184	1.78401	3.41607	36.78258	Lizzie Creek
06-08-28	501771	7430333	BA	BA24	115	38957.52237	29.108	2.44597	4.32741	33.2666	Lizzie Creek
06-08-28	501750	7430340	BA	BA25	116	38957.52272	29.132	2.57758	2.67111	35.11331	Lizzie Creek
06-08-28	501730	7430333	BA	BA26	117	38957.52598	29.1	2.10958	6.02897	41.41685	Lizzie Creek
06-08-28	501710	7430330	BA	BA27	118	38957.52633	29.164	2.47983	2.69391	30.95117	Lizzie Creek
06-08-28	501706	7430340	BA	BA28	119	38957.52668	29.152	2.4101	2.93693	30.21708	Lizzie Creek
06-08-28	501718	7430358	BA	BA29	120	38957.52703	29.208	1.43425	2.67484	25.47683	Lizzie Creek
06-08-28	501718	7430382	BA	BA30	121	38957.52737	29.096	1.88862	6.23907	36.31293	Lizzie Creek
06-08-28	501699	7430378	BA	BA31	122	38957.52772	29.168	1.88738	4.34139	34.73607	Lizzie Creek
06-08-28	501684	7430356	BA	BA32	123	38957.52807	29.168	2.57492	2.35778	33.15958	Lizzie Creek
06-08-28	501685	7430335	BA	BA33	124	38957.52841	29.192	2.6888	2.6152	28.95426	Lizzie Creek
06-08-28	501667	7430333	BA	BA34	125	38957.52876	29.156	2.69903	4.19518	29.53774	Lizzie Creek
06-08-28	501648	7430326	BA	BA35	126	38957.52911	29.148	2.27426	4.51234	38.5762	Lizzie Creek
06-08-28	501628	7430325	BA	BA36	127	38957.52946	29.148	2.61441	2.4387	42.17073	Lizzie Creek
06-08-28	501605	7430328	BA	BA37	128	38957.5298	29.132	3.19151	2.3653	39.43852	Lizzie Creek
06-08-28	501583	7430321	BA	BA38	129	38957.53015	29.14	2.13057	3.70845	49.89716	Lizzie Creek
06-08-28	501558	7430324	BA	BA39	130	38957.5305	29.096	2.65095	5.03672	39.74968	Lizzie Creek
06-08-28	501540	7430317	BA	BA40	131	38957.53084	29.1	2.67003	3.61647	40.39236	Lizzie Creek
06-08-28	501525	7430330	BA	BA41	132	38957.53119	29.1	1.90838	6.48485	32.13318	Lizzie Creek
06-08-28	501530	7430349	BB	BB1	133	38957.54233	29.132	2.97705	3.93597	30.03845	Lizzie Creek
06-08-28	501515	7430368	BB	BB2	134	38957.54267	29.084	2.63619	4.57105	36.65262	Lizzie Creek
06-08-28	501488	7430384	BB	BB3	135	38957.54302	29.12	2.39539	2.40946	42.24886	Lizzie Creek
06-08-28	501466	7430405	BB	BB4	136	38957.54337	29.124	2.16035	5.26115	38.29651	Lizzie Creek

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-28	501441	7430427	BB	BB5	137	38957.54372	29.14	2.38481	5.72879	30.64206	Lizzie Creek
06-08-28	501426	7430459	BB	BB6	138	38957.54406	29.128	2.37908	3.92029	38.16935	Lizzie Creek
06-08-28	501415	7430488	BB	BB7	139	38957.54441	29.152	2.47468	3.52468	38.16795	Lizzie Creek
06-08-28	501421	7430522	BB	BB8	140	38957.54476	29.1	2.76781	4.22249	32.99624	Lizzie Creek
06-08-28	501445	7430548	BB	BB9	141	38957.5451	29.168	2.22388	4.06907	27.90876	Lizzie Creek
06-08-28	501483	7430560	BB	BB10	142	38957.54545	29.184	1.98722	3.717	23.59447	Lizzie Creek
06-08-28	501517	7430579	BB	BB11	143	38957.5458	29.156	2.56755	4.13441	33.21324	Lizzie Creek
06-08-28	501540	7430596	BB	BB12	144	38957.54615	29.148	1.95931	4.86395	35.1765	Lizzie Creek
06-08-28	501554	7430609	BB	BB13	145	38957.54649	29.124	2.48637	4.28906	36.89857	Lizzie Creek
06-08-28	501536	7430579	CC	CC1	146	38957.55117	29.116	2.32858	7.69572	25.82223	Lizzie Creek
06-08-28	501535	7430560	CC	CC2	147	38957.55152	29.192	2.24243	4.106	22.77558	Lizzie Creek
06-08-28	501549	7430540	CC	CC3	148	38957.55186	29.18	2.22169	1.86671	20.13035	Lizzie Creek
06-08-28	501561	7430519	CC	CC4	149	38957.55221	29.248	2.19355	2.86895	19.96926	Lizzie Creek
06-08-28	501567	7430498	CC	CC5	150	38957.55256	29.22	2.00387	4.15964	19.38388	Lizzie Creek
06-08-28	501569	7430474	CC	CC6	151	38957.55291	29.176	2.26444	4.13115	30.56136	Lizzie Creek
06-08-28	501577	7430453	CC	CC7	152	38957.55325	29.148	2.32545	4.26298	37.38069	Lizzie Creek
06-08-28	501578	7430427	CC	CC8	153	38957.55647	29.112	2.22784	5.02717	41.49685	Lizzie Creek
06-08-28	501589	7430409	CC	CC9	154	38957.55682	29.132	2.66543	3.14524	36.74959	Lizzie Creek
06-08-28	501593	7430386	CC	CC10	155	38957.55716	29.092	2.62008	4.10905	36.45401	Lizzie Creek
06-08-28	501597	7430366	CC	CC11	156	38957.55751	29.084	1.87377	4.43651	47.75595	Lizzie Creek
06-08-28	501593	7430353	CC	CC12	157	38957.55786	29.128	2.52767	4.59065	33.44353	Lizzie Creek
06-08-28	501603	7430339	CC	CC13	158	38957.55821	29.104	2.40041	5.1384	34.6468	Lizzie Creek
06-08-28	501603	7430319	CC	CC14	159	38957.55855	29.088	2.26234	4.78666	43.26172	Lizzie Creek
06-08-28	501603	7430300	CC	CC15	160	38957.5589	29.104	2.31169	5.50387	43.6343	Lizzie Creek
06-08-28	501612	7430282	CC	CC16	161	38957.55925	29.148	2.54034	5.56625	38.41471	Lizzie Creek
06-08-28	501625	7430294	CC	CC17	162	38957.57552	29.1	2.42878	5.23766	31.71146	Lizzie Creek
06-08-28	501631	7430312	CC	CC18	163	38957.57587	29.124	3.18649	3.13661	22.80238	Lizzie Creek
06-08-28	501645	7430306	CC	CC19	164	38957.57622	29.144	2.39796	8.64711	39.78972	Lizzie Creek
06-08-28	501623	7430304	CC	CC20	165	38957.57656	29.096	2.37396	4.84075	38.59511	Lizzie Creek
06-08-28	501600	7430304	CC	CC21	166	38957.57691	29.148	2.36268	4.12405	40.55424	Lizzie Creek
06-08-28	501608	7430283	CC	CC22	167	38957.57726	29.108	1.95714	5.18688	39.57579	Lizzie Creek
06-08-28	501619	7430263	CC	CC23	168	38957.5776	29.12	2.68778	5.27886	34.56751	Lizzie Creek
06-08-28	501624	7430247	CC	CC24	169	38957.57795	29.116	2.08088	3.44772	28.54161	Lizzie Creek
06-08-28	501625	7430225	CC	CC25	170	38957.5783	29.08	1.74843	6.07641	39.05641	Lizzie Creek
06-08-28	501635	7430205	CC	CC26	171	38957.57865	29.084	1.78438	4.60254	37.99613	Lizzie Creek
06-08-28	501656	7430205	DD	DD1	172	38957.58233	29.132	2.11246	5.15835	41.22599	Lizzie Creek
06-08-28	501678	7430213	DD	DD2	173	38957.58267	29.152	2.187	3.73101	35.99779	Lizzie Creek
06-08-28	501694	7430223	DD	DD3	174	38957.58395	29.18	2.11448	4.52523	34.90893	Lizzie Creek
06-08-28	501723	7430217	DD	DD4	175	38957.58462	29.192	1.88106	6.20375	31.33409	Lizzie Creek
06-08-28	501727	7430237	DD	DD5	176	38957.58497	29.128	2.27082	4.51156	37.14347	Lizzie Creek
06-08-28	501750	7430246	DD	DD6	177	38957.58531	29.092	2.56474	5.36805	34.61062	Lizzie Creek
06-08-28	501766	7430265	DD	DD7	178	38957.58566	29.1	2.50467	3.89252	38.4356	Lizzie Creek
06-08-28	501788	7430276	DD	DD8	179	38957.58601	29.116	2.59397	2.44733	45.63085	Lizzie Creek
06-08-28	501812	7430291	DD	DD9	180	38957.58652	29.144	2.51126	4.13293	35.18299	Lizzie Creek
06-08-28	501830	7430310	DD	DD10	181	38957.58686	29.12	2.31607	7.61678	36.05853	Lizzie Creek
06-08-28	501851	7430316	DD	DD11	182	38957.58721	29.132	2.64124	4.22341	42.71514	Lizzie Creek
06-08-28	501853	7430340	DD	DD12	183	38957.58756	29.08	2.2923	6.24401	33.58994	Lizzie Creek
06-08-28	501870	7430360	DD	DD13	184	38957.58791	29.172	2.37297	2.88522	32.88122	Lizzie Creek
06-08-28	501873	7430382	DD	DD14	185	38957.59045	29.152	2.58941	4.63474	28.77793	Lizzie Creek
06-08-28	501851	7430397	DD	DD15	186	38957.5908	29.08	2.6172	5.20632	47.31845	Lizzie Creek
06-08-28	501826	7430403	DD	DD16	187	38957.59115	29.144	1.87776	4.1947	36.00102	Lizzie Creek
06-08-28	501816	7430425	DD	DD17	188	38957.59149	29.104	2.43329	4.79164	36.38765	Lizzie Creek
06-08-28	501814	7430445	DD	DD18	189	38957.59184	29.148	2.28752	4.60482	34.18384	Lizzie Creek
06-08-28	501794	7430454	DD	DD19	190	38957.59219	29.124	2.05163	3.87071	37.25561	Lizzie Creek
06-08-28	501769	7430451	DD	DD20	191	38957.59253	29.104	1.66913	4.18046	39.98445	Lizzie Creek
06-08-28	501743	7430449	DD	DD21	192	38957.59288	29.108	1.83614	6.37442	33.60936	Lizzie Creek
06-08-28	501721	7430458	DD	DD22	193	38957.59323	29.18	2.01621	3.9319	26.48536	Lizzie Creek
06-08-28	501703	7430464	DD	DD23	194	38957.59358	29.172	2.56465	3.00972	30.89315	Lizzie Creek
06-08-28	501679	7430462	DD	DD24	195	38957.59578	29.12	2.31201	5.65004	42.37474	Lizzie Creek
06-08-28	501670	7430443	DD	DD25	196	38957.59612	29.116	2.65342	5.13378	39.22249	Lizzie Creek

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-28	501655	7430427	DD	DD26	197	38957.59932	29.1	2.09685	6.07124	38.73298	Lizzie Creek
06-08-28	501654	7430398	DD	DD27	198	38957.59966	29.136	2.11711	5.60612	37.51651	Lizzie Creek
06-08-28	501651	7430371	DD	DD28	199	38957.60001	29.152	2.08408	4.34956	25.48071	Lizzie Creek
06-08-28	501043	7430330	EE	EE1	200	38957.62663	29.2	1.18605	3.75783	26.8538	Lizzie Creek
06-08-28	501013	7430358	EE	EE2	201	38957.62941	29.26	1.43062	1.66345	27.97041	Lizzie Creek
06-08-28	500990	7430382	EE	EE3	202	38957.62976	29.244	1.32882	3.14807	20.0698	Lizzie Creek
06-08-28	500970	7430405	EE	EE4	203	38957.6301	29.192	1.53134	4.76922	25.47829	Lizzie Creek
06-08-28	500945	7430426	EE	EE5	204	38957.63045	29.22	1.62676	2.50393	27.39841	Lizzie Creek
06-08-28	500923	7430450	EE	EE6	205	38957.6308	29.224	2.01279	2.50369	25.15241	Lizzie Creek
06-08-28	500900	7430466	EE	EE7	206	38957.63115	29.148	2.18785	3.75992	26.99675	Lizzie Creek
06-08-28	500880	7430487	EE	EE8	207	38957.63149	29.208	2.1585	4.16321	31.26687	Lizzie Creek
06-08-28	500863	7430505	EE	EE9	208	38957.63184	29.18	2.1553	4.47743	33.69306	Lizzie Creek
06-08-28	500851	7430527	EE	EE10	209	38957.63219	29.148	1.83188	4.13601	35.76622	Lizzie Creek
06-08-28	500838	7430550	EE	EE11	210	38957.63253	29.116	2.04433	4.68016	35.71248	Lizzie Creek
06-08-28	500856	7430547	EE	EE12	211	38957.63288	29.188	2.41815	5.15934	27.97668	Lizzie Creek
06-08-28	500853	7430521	EE	EE13	212	38957.63323	29.176	2.28237	5.19801	30.19254	Lizzie Creek
06-08-28	500832	7430512	EE	EE14	213	38957.63358	29.204	2.29471	2.25258	29.04276	Lizzie Creek
06-08-28	500827	7430538	EE	EE15	214	38957.6364	29.216	2.10303	2.15772	23.00125	Lizzie Creek
06-08-28	500846	7430550	EE	EE16	215	38957.63675	29.176	1.90499	4.5406	32.75585	Lizzie Creek
06-08-28	500825	7430552	EE	EE17	216	38957.63709	29.196	1.99619	5.3515	28.73849	Lizzie Creek
06-08-28	500804	7430565	EE	EE18	217	38957.63744	29.144	1.82253	5.55786	36.09545	Lizzie Creek
06-08-28	500785	7430573	EE	EE19	218	38957.63779	29.24	1.47962	4.08372	20.91237	Lizzie Creek
06-08-28	500780	7430555	EE	EE20	219	38957.63814	29.252	1.32021	1.19702	29.74589	Lizzie Creek
06-08-28	500781	7430576	EE	EE21	220	38957.63983	29.196	2.05309	5.01056	30.95552	Lizzie Creek
06-08-28	500774	7430598	EE	EE22	221	38957.64017	29.144	1.62939	2.78364	34.4976	Lizzie Creek
06-08-28	500756	7430614	EE	EE23	222	38957.64052	29.224	1.53689	3.21029	11.55205	Lizzie Creek
06-08-28	500761	7430598	FF	FF1	223	38957.64295	29.22	1.31187	3.07795	12.08829	Lizzie Creek
06-08-28	500770	7430572	FF	FF2	224	38957.6433	29.232	1.48297	4.14519	24.55015	Lizzie Creek
06-08-28	500762	7430548	FF	FF3	225	38957.64365	29.232	1.55481	2.1849	25.97854	Lizzie Creek
06-08-28	500768	7430521	FF	FF4	226	38957.64399	29.172	1.84797	4.98393	30.52993	Lizzie Creek
06-08-28	500774	7430501	FF	FF5	227	38957.64434	29.2	1.89744	3.97016	29.63712	Lizzie Creek
06-08-28	500801	7430485	FF	FF6	228	38957.64469	29.224	1.6752	3.51455	23.87308	Lizzie Creek
06-08-28	500825	7430464	FF	FF7	229	38957.64503	29.176	1.76397	3.18462	26.12708	Lizzie Creek
06-08-28	500855	7430454	FF	FF8	230	38957.64538	29.208	2.17975	3.23999	25.54255	Lizzie Creek
06-08-28	500880	7430469	FF	FF9	231	38957.64719	29.164	1.75181	2.65252	36.65846	Lizzie Creek
06-08-28	500888	7430498	FF	FF10	232	38957.64753	29.18	1.85068	4.83498	32.23925	Lizzie Creek
06-08-28	500895	7430523	FF	FF11	233	38957.64788	29.196	2.31162	3.06411	27.98328	Lizzie Creek
06-08-28	500886	7430551	FF	FF12	234	38957.64823	29.196	2.3467	2.21934	32.69086	Lizzie Creek
06-08-28	500874	7430576	FF	FF13	235	38957.64858	29.144	2.06575	3.90656	31.62573	Lizzie Creek
06-08-28	500866	7430598	FF	FF14	236	38957.64892	29.172	2.1575	4.20301	24.73873	Lizzie Creek
06-08-28	500869	7430620	FF	FF15	237	38957.64927	29.18	2.43293	3.29258	30.38533	Lizzie Creek
06-08-28	500837	7430629	FF	FF16	238	38957.65152	29.224	2.28525	3.60712	25.22692	Lizzie Creek
06-08-28	500808	7430635	FF	FF17	239	38957.65186	29.176	2.09016	5.06615	29.26427	Lizzie Creek
06-08-28	500801	7430614	FF	FF18	240	38957.65221	29.204	2.33363	1.71378	34.19892	Lizzie Creek
06-08-28	500820	7430587	FF	FF19	241	38957.66159	29.192	1.75576	3.65881	34.56182	Lizzie Creek
06-08-28	500833	7430600	FF	FF20	242	38957.66193	29.176	2.64608	3.99734	35.86733	Lizzie Creek
06-08-28	500824	7430589	FF	FF21	243	38957.66228	29.164	2.22919	5.91859	36.45329	Lizzie Creek
06-08-28	500823	7430567	FF	FF22	244	38957.66263	29.148	2.14923	4.1774	33.76727	Lizzie Creek
06-08-28	500845	7430550	FF	FF23	245	38957.66297	29.156	2.30904	2.16244	31.04698	Lizzie Creek
06-08-28	500863	7430529	FF	FF24	246	38957.66332	29.12	2.76703	3.81037	32.04592	Lizzie Creek
06-08-28	500877	7430505	FF	FF25	247	38957.66367	29.164	2.23555	3.45778	26.03608	Lizzie Creek
06-08-29	504628	7443655	A	A1	1	38958.49905	29.24	1.46749	2.71524	20.82948	Spriggs East
06-08-29	504627	7443643	A	A2	2	38958.4994	29.216	1.86127	2.07974	26.2023	Spriggs East
06-08-29	504630	7443630	A	A3	3	38958.49975	29.188	2.06878	3.94202	27.92654	Spriggs East
06-08-29	504633	7443616	A	A4	4	38958.50009	29.256	1.37681	1.08933	23.92756	Spriggs East
06-08-29	504631	7443601	A	A5	5	38958.50044	29.228	1.28576	4.32076	25.04836	Spriggs East
06-08-29	504629	7443592	A	A6	6	38958.50079	29.192	2.82613	2.92592	23.5529	Spriggs East
06-08-29	504627	7443579	A	A7	7	38958.50113	29.192	1.20839	3.92587	31.45484	Spriggs East
06-08-29	504626	7443563	A	A8	8	38958.50148	29.16	1.72144	4.47133	34.99915	Spriggs East
06-08-29	504626	7443545	A	A9	9	38958.50183	29.16	1.77588	4.30819	27.47008	Spriggs East

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-29	504626	7443529	A	A10	10	38958.50218	29.212	1.5166	1.93585	29.1878	Spriggs East
06-08-29	504626	7443514	A	A11	11	38958.50252	29.288	1.5713	1.00639	20.4905	Spriggs East
06-08-29	504626	7443499	A	A12	12	38958.50287	29.256	1.40513	1.74296	20.69648	Spriggs East
06-08-29	504626	7443485	A	A13	13	38958.50322	29.22	2.20617	3.20203	29.65808	Spriggs East
06-08-29	504627	7443474	A	A14	14	38958.50356	29.196	2.02989	2.41132	26.64336	Spriggs East
06-08-29	504627	7443461	A	A15	15	38958.50391	29.224	1.26435	4.05364	20.47501	Spriggs East
06-08-29	504626	7443448	A	A16	16	38958.50426	29.252	1.74947	3.40582	18.03147	Spriggs East
06-08-29	504629	7443433	A	A17	17	38958.50461	29.224	1.75809	2.90821	19.56226	Spriggs East
06-08-29	504629	7443417	A	A18	18	38958.50495	29.176	2.07998	2.08814	35.68635	Spriggs East
06-08-29	504628	7443403	A	A19	19	38958.5053	29.212	1.67557	4.69749	30.30212	Spriggs East
06-08-29	504616	7443400	AB	AB1	20	38958.50565	29.252	1.89564	1.40532	18.72516	Spriggs East
06-08-29	504601	7443403	AB	AB2	21	38958.506	29.204	2.13918	2.52414	25.14919	Spriggs East
06-08-29	504583	7443404	AB	AB3	22	38958.50634	29.24	1.38048	3.32914	28.53337	Spriggs East
06-08-29	504575	7443420	B	B1	23	38958.51023	29.232	1.49361	2.42478	24.26174	Spriggs East
06-08-29	504570	7443429	B	B2	24	38958.51058	29.2	1.57948	3.36223	28.05478	Spriggs East
06-08-29	504570	7443443	B	B3	25	38958.51093	29.184	1.44449	4.40863	27.72746	Spriggs East
06-08-29	504573	7443462	B	B4	26	38958.51512	29.216	1.77583	5.46914	29.46547	Spriggs East
06-08-29	504581	7443472	B	B5	27	38958.51546	29.24	1.84921	1.40903	22.62068	Spriggs East
06-08-29	504590	7443476	B	B6	28	38958.51743	29.22	1.99835	2.053	27.88007	Spriggs East
06-08-29	504591	7443486	B	B7	29	38958.51778	29.196	2.10385	2.2561	21.06308	Spriggs East
06-08-29	504586	7443496	B	B8	30	38958.51813	29.252	1.15408	4.28421	19.71671	Spriggs East
06-08-29	504580	7443507	B	B9	31	38958.51847	29.172	2.56847	1.78827	29.08851	Spriggs East
06-08-29	504575	7443518	B	B10	32	38958.51882	29.14	2.3503	3.08007	29.49242	Spriggs East
06-08-29	504572	7443534	B	B11	33	38958.51917	29.208	1.964	4.42175	24.46737	Spriggs East
06-08-29	504580	7443550	B	B12	34	38958.51951	29.256	1.64302	0.96976	21.23478	Spriggs East
06-08-29	504583	7443565	B	B13	35	38958.51986	29.204	1.61103	2.45201	27.1796	Spriggs East
06-08-29	504588	7443576	B	B14	36	38958.52278	29.18	1.54625	2.45961	33.04502	Spriggs East
06-08-29	504581	7443588	B	B15	37	38958.52312	29.196	1.7222	4.33601	23.79549	Spriggs East
06-08-29	504582	7443599	B	B16	38	38958.52347	29.172	2.55401	4.83997	33.11482	Spriggs East
06-08-29	504579	7443615	B	B17	39	38958.52382	29.188	2.19944	4.31161	26.16342	Spriggs East
06-08-29	504577	7443632	B	B18	40	38958.52417	29.124	1.60841	5.46354	29.5894	Spriggs East
06-08-29	504575	7443649	B	B19	41	38958.52451	29.244	1.70004	3.5642	23.11881	Spriggs East
06-08-29	504580	7443668	B	B20	42	38958.52486	29.228	1.36829	3.81569	20.72651	Spriggs East
06-08-29	504576	7443684	B	B21	43	38958.52521	29.22	1.812	2.92747	23.92371	Spriggs East
06-08-29	504557	7443690	BC	BC1	44	38958.53041	29.2	1.2536	3.1145	29.10381	Spriggs East
06-08-29	504536	7443691	BC	BC2	45	38958.53377	29.236	1.24081	5.71276	18.09497	Spriggs East
06-08-29	504530	7443678	C	C1	46	38958.53412	29.244	1.14259	3.55599	32.17662	Spriggs East
06-08-29	504526	7443665	C	C2	47	38958.53447	29.24	1.49774	2.86597	18.62459	Spriggs East
06-08-29	504525	7443650	C	C3	48	38958.53731	29.26	1.21562	2.97482	18.88318	Spriggs East
06-08-29	504523	7443637	C	C4	49	38958.53766	29.22	1.62553	2.8051	26.39299	Spriggs East
06-08-29	504525	7443622	C	C5	50	38958.53801	29.212	1.83428	4.29967	24.0118	Spriggs East
06-08-29	504524	7443608	C	C6	51	38958.53836	29.308	1.30675	2.61261	12.34464	Spriggs East
06-08-29	504528	7443598	C	C7	52	38958.5387	29.312	1.3282	1.044	9.85897	Spriggs East
06-08-29	504528	7443582	C	C8	53	38958.53905	29.2	1.6657	4.02798	25.77911	Spriggs East
06-08-29	504523	7443562	C	C9	54	38958.54392	29.22	1.50243	3.69973	26.79373	Spriggs East
06-08-29	504526	7443549	C	C10	55	38958.54427	29.32	1.13883	1.82935	12.21274	Spriggs East
06-08-29	504531	7443532	C	C11	56	38958.54462	29.296	0.81076	1.92833	9.59852	Spriggs East
06-08-29	504529	7443513	C	C12	57	38958.54497	29.26	1.77272	1.22732	15.60769	Spriggs East
06-08-29	504522	7443497	C	C13	58	38958.54531	29.196	1.54445	1.47122	23.66675	Spriggs East
06-08-29	504521	7443483	C	C14	59	38958.54566	29.26	0.75196	2.73674	11.4663	Spriggs East
06-08-29	504528	7443465	C	C15	60	38958.54601	29.248	1.26064	3.76161	26.79593	Spriggs East
06-08-29	504528	7443443	C	C16	61	38958.54949	29.22	1.3725	0.9455	26.64545	Spriggs East
06-08-29	504533	7443423	C	C17	62	38958.54984	29.208	0.99647	2.70869	24.08175	Spriggs East
06-08-29	504528	7443403	C	C18	63	38958.55019	29.196	1.35981	3.89726	31.67383	Spriggs East
06-08-29	504633	7443551	D	D1	64	38958.55333	29.212	1.48475	2.42064	22.33872	Spriggs East
06-08-29	504615	7443543	D	D2	65	38958.55368	29.256	1.00567	2.85085	21.84077	Spriggs East
06-08-29	504591	7443542	D	D3	66	38958.55403	29.244	1.12485	2.40887	19.70064	Spriggs East
06-08-29	504575	7443525	D	D4	67	38958.55437	29.22	1.79079	2.87679	25.14633	Spriggs East
06-08-29	504556	7443528	D	D5	68	38958.55472	29.22	1.42397	3.64556	29.96708	Spriggs East
06-08-29	504572	7443547	D	D6	69	38958.55507	29.18	1.26865	4.21758	22.18974	Spriggs East

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06-08-29	504592	7443540	D	D7	70	38958.55542	29.256	1.61593	2.7436	24.18571	Spriggs East
06-08-29	504587	7443515	D	D8	71	38958.55576	29.22	1.77247	2.67402	26.14333	Spriggs East
06-08-29	504577	7443534	D	D9	72	38958.55611	29.216	1.61607	3.45943	25.10898	Spriggs East
06-08-29	504429	7443392	E	E1	73	38958.55832	29.212	1.44041	2.69597	33.72446	Spriggs East
06-08-29	504413	7443414	E	E2	74	38958.55867	29.208	1.58434	4.04669	18.25438	Spriggs East
06-08-29	504398	7443439	E	E3	75	38958.55902	29.264	1.21679	2.23136	25.02481	Spriggs East
06-08-29	504378	7443464	E	E4	76	38958.55936	29.24	1.23534	4.05418	23.37797	Spriggs East
06-08-29	504367	7443455	F	F1	77	38958.5617	29.22	1.50364	2.10665	17.5113	Spriggs East
06-08-29	504371	7443433	F	F2	78	38958.56205	29.268	1.23077	2.67399	19.39474	Spriggs East
06-08-29	504371	7443413	F	F3	79	38958.5624	29.248	1.60799	2.1242	19.4156	Spriggs East
06-08-29	504373	7443392	F	F4	80	38958.56274	29.188	1.56665	5.23918	28.58127	Spriggs East
06-08-29	504373	7443370	F	F5	81	38958.56309	29.212	1.43755	4.50053	26.23325	Spriggs East
06-08-29	504374	7443349	F	F6	82	38958.56344	29.204	1.64793	3.07259	30.01669	Spriggs East
06-08-29	504377	7443324	F	F7	83	38958.56378	29.164	1.57571	2.67332	34.98022	Spriggs East
06-08-29	504375	7443300	F	F8	84	38958.56413	29.172	1.41436	5.01728	28.64625	Spriggs East
06-08-29	504376	7443277	F	F9	85	38958.56448	29.164	1.64031	5.25587	29.07945	Spriggs East
06-08-29	504378	7443257	F	F10	86	38958.56483	29.164	1.81466	1.58361	31.66546	Spriggs East
06-08-29	504356	7443249	FG	FG1	87	38958.56758	29.168	1.46395	2.19949	34.80352	Spriggs East
06-08-29	504332	7443262	FG	FG2	88	38958.56793	29.22	1.33667	2.75327	22.55886	Spriggs East
06-08-29	504306	7443256	FG	FG3	89	38958.56828	29.248	1.3691	3.83711	30.40822	Spriggs East
06-08-29	504281	7443264	FG	FG4	90	38958.56862	29.224	1.49006	2.32989	26.70703	Spriggs East
06-08-29	504290	7443270	FG	FG5	91	38958.56897	29.216	1.50579	2.78932	26.90208	Spriggs East
06-08-29	504295	7443291	G	G1	92	38958.57028	29.216	1.55594	3.71418	29.21538	Spriggs East
06-08-29	504294	7443313	G	G2	93	38958.57063	29.152	1.69888	3.18789	30.05162	Spriggs East
06-08-29	504292	7443335	G	G3	94	38958.57097	29.124	1.52695	2.61064	31.39177	Spriggs East
06-08-29	504292	7443358	G	G4	95	38958.57132	29.184	2.14044	2.94649	30.95083	Spriggs East
06-08-29	504287	7443378	G	G5	96	38958.57167	29.164	1.66303	2.58946	36.92225	Spriggs East
06-08-29	504288	7443394	G	G6	97	38958.57201	29.18	1.61501	3.82455	27.28712	Spriggs East
06-08-29	504288	7443412	G	G7	98	38958.57236	29.264	0.93673	2.48173	20.19093	Spriggs East
06-08-29	504284	7443428	G	G8	99	38958.57271	29.28	0.63435	2.6698	12.69416	Spriggs East
06-08-29	504289	7443446	G	G9	100	38958.57306	29.152	1.73664	2.95	34.20921	Spriggs East
06-08-29	504284	7443465	G	G10	101	38958.5734	29.144	1.44349	5.09529	35.719	Spriggs East
06-08-29	504287	7443482	G	G11	102	38958.57375	29.18	1.88323	3.93442	35.25483	Spriggs East
06-08-29	504290	7443506	G	G12	103	38958.5741	29.14	1.45787	3.54439	43.93248	Spriggs East
06-08-29	504289	7443530	G	G13	104	38958.57444	29.168	1.41865	2.80276	35.22705	Spriggs East
06-08-29	504287	7443550	G	G14	105	38958.57479	29.192	1.6045	5.23904	26.62787	Spriggs East
06-08-29	504284	7443572	G	G15	106	38958.57514	29.192	1.2595	2.48997	21.89477	Spriggs East
06-08-29	504261	7443589	GH	GH1	107	38958.58037	29.244	1.74679	1.14272	23.39107	Spriggs East
06-08-29	504240	7443601	GH	GH2	108	38958.58072	29.26	1.23213	2.05377	13.65445	Spriggs East
06-08-29	504222	7443601	GH	GH3	109	38958.58106	29.3	1.16045	1.53846	15.15678	Spriggs East
06-08-29	504211	7443605	GH	GH4	110	38958.58141	29.22	1.78404	3.92994	21.38512	Spriggs East
06-08-29	504199	7443616	GH	GH5	111	38958.58176	29.216	1.93798	5.26592	19.75454	Spriggs East
06-08-29	504196	7443599	H	H1	112	38958.58375	29.228	1.71955	3.77173	23.10536	Spriggs East
06-08-29	504200	7443579	H	H2	113	38958.5841	29.216	2.05508	4.12136	21.08272	Spriggs East
06-08-29	504200	7443558	H	H3	114	38958.58444	29.184	1.73435	2.62471	27.40366	Spriggs East
06-08-29	504200	7443532	H	H4	115	38958.58479	29.148	1.73358	3.96759	35.07045	Spriggs East
06-08-29	504199	7443510	H	H5	116	38958.58514	29.132	1.57682	3.75014	37.57361	Spriggs East
06-08-29	504199	7443491	H	H6	117	38958.58549	29.2	2.03457	3.07087	26.80565	Spriggs East
06-08-29	504200	7443469	H	H7	118	38958.58583	29.164	2.05253	0.45823	34.43456	Spriggs East
06-08-29	504207	7443443	H	H8	119	38958.58618	29.168	1.6319	5.16702	34.92236	Spriggs East
06-08-29	504203	7443420	H	H9	120	38958.58653	29.148	1.57792	4.13574	30.20809	Spriggs East
06-08-29	504203	7443397	H	H10	121	38958.58688	29.184	1.87781	3.61062	27.99746	Spriggs East
06-08-29	504201	7443373	H	H11	122	38958.58722	29.168	1.76898	4.15797	29.18255	Spriggs East
06-08-29	504200	7443355	H	H12	123	38958.58988	29.248	1.70404	2.90119	21.00896	Spriggs East
06-08-29	504204	7443332	H	H13	124	38958.59023	29.156	1.79115	3.76692	33.12894	Spriggs East
06-08-29	504204	7443307	H	H14	125	38958.59058	29.188	1.90607	3.92803	31.84032	Spriggs East
06-08-29	504178	7443313	HI	HI1	126	38958.59841	29.172	1.97983	4.28706	28.15934	Spriggs East
06-08-29	504161	7443328	HI	HI2	127	38958.59876	29.208	1.63446	3.21298	26.35598	Spriggs East
06-08-29	504138	7443337	HI	HI3	128	38958.59911	29.156	1.81155	5.54647	33.16388	Spriggs East
06-08-29	504117	7443343	HI	HI4	129	38958.59946	29.208	2.12134	2.88238	27.77791	Spriggs East

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06-08-29	504105	7443356	HI	HI5	130	38958.5998	29.144	2.23027	3.41073	26.79121	Spriggs East
06-08-29	504082	7443359	HI	HI6	131	38958.60015	29.172	2.1853	4.27786	32.74877	Spriggs East
06-08-29	504076	7443385	I	I1	132	38958.60292	29.2	1.81283	5.97472	25.53249	Spriggs East
06-08-29	504076	7443404	I	I2	133	38958.60326	29.168	1.93975	3.68417	32.61566	Spriggs East
06-08-29	504077	7443425	I	I3	134	38958.60361	29.2	1.98519	2.47393	34.16841	Spriggs East
06-08-29	504080	7443446	I	I4	135	38958.60396	29.16	1.97109	4.39408	30.10625	Spriggs East
06-08-29	504078	7443466	I	I5	136	38958.60431	29.2	1.71969	3.73308	26.29078	Spriggs East
06-08-29	504076	7443489	I	I6	137	38958.60465	29.184	1.2095	4.17039	27.30418	Spriggs East
06-08-29	504080	7443510	I	I7	138	38958.605	29.196	2.19753	2.85208	30.93986	Spriggs East
06-08-29	504080	7443532	I	I8	139	38958.60535	29.224	1.78213	3.78022	22.61297	Spriggs East
06-08-29	504078	7443553	I	I9	140	38958.60569	29.176	1.28717	4.08159	27.31063	Spriggs East
06-08-29	504079	7443574	I	I10	141	38958.60604	29.172	1.82884	3.00997	33.43475	Spriggs East
06-08-29	504076	7443598	I	I11	142	38958.60639	29.164	1.9915	4.30954	35.945	Spriggs East
06-08-29	504044	7443590	J	J1	143	38958.61177	29.188	1.97493	3.42877	30.91563	Spriggs East
06-08-29	504025	7443572	J	J2	144	38958.61212	29.204	1.66224	1.6538	29.20677	Spriggs East
06-08-29	504005	7443555	J	J3	145	38958.61247	29.184	1.79258	2.53424	28.37742	Spriggs East
06-08-29	503988	7443532	J	J4	146	38958.61281	29.14	1.90447	3.48724	35.59698	Spriggs East
06-08-29	503990	7443502	J	J5	147	38958.61316	29.088	2.11995	3.18006	39.81111	Spriggs East
06-08-29	503982	7443475	J	J6	148	38958.61351	29.116	1.97545	3.65267	35.35416	Spriggs East
06-08-29	503980	7443445	J	J7	149	38958.61385	29.192	1.80489	3.59522	26.54443	Spriggs East
06-08-29	503982	7443412	J	J8	150	38958.6142	29.188	1.83066	2.9619	35.12185	Spriggs East
06-08-29	503981	7443380	J	J9	151	38958.61455	29.16	1.26814	5.26228	32.78703	Spriggs East
06-08-29	503968	7443350	J	J10	152	38958.6149	29.212	1.83987	2.67985	24.19778	Spriggs East
06-08-29	503946	7443340	J	J11	153	38958.61524	29.228	2.04976	2.28191	15.46278	Spriggs East
06-08-29	503937	7443311	J	J12	154	38958.61559	29.232	2.53146	0.8541	23.80185	Spriggs East
06-08-29	503939	7443286	J	J13	155	38958.61594	29.264	2.84344	1.533	14.68235	Spriggs East
06-08-29	503926	7443268	J	J14	156	38958.61628	29.26	3.07474	1.47071	16.59608	Spriggs East
06-08-29	503906	7443268	JK	JK1	157	38958.61663	29.236	1.42277	2.55918	21.58496	Spriggs East
06-08-29	503887	7443251	JK	JK2	158	38958.61944	29.208	1.39643	4.54162	24.53875	Spriggs East
06-08-29	503868	7443262	JK	JK3	159	38958.61979	29.228	1.98846	1.63136	22.09859	Spriggs East
06-08-29	503848	7443265	JK	JK4	160	38958.62014	29.232	1.95329	3.55642	24.79007	Spriggs East
06-08-29	503827	7443267	JK	JK5	161	38958.62049	29.18	1.7439	6.99041	28.36094	Spriggs East
06-08-29	503828	7443243	K	K1	162	38958.62296	29.172	1.7943	3.96912	33.57243	Spriggs East
06-08-29	503828	7443217	K	K2	163	38958.62331	29.132	1.60473	3.18888	34.9562	Spriggs East
06-08-29	503827	7443193	K	K3	164	38958.62366	29.204	1.66777	3.63455	30.67745	Spriggs East
06-08-29	503827	7443166	K	K4	165	38958.624	29.264	2.02638	1.81106	11.86471	Spriggs East
06-08-29	503827	7443141	K	K5	166	38958.62435	29.236	1.86366	1.85286	16.99113	Spriggs East
06-08-29	503829	7443118	K	K6	167	38958.6247	29.272	1.76864	2.23927	16.45388	Spriggs East
06-08-29	503830	7443100	K	K7	168	38958.62505	29.252	2.25039	1.3486	15.76902	Spriggs East
06-08-29	503830	7443077	K	K8	169	38958.6409	29.24	2.02711	1.9897	21.79934	Spriggs East
06-08-29	503831	7443057	K	K9	170	38958.64125	29.22	1.73947	1.15271	27.29461	Spriggs East
06-08-29	503851	7443059	KL	KL1	171	38958.64201	29.232	1.62713	-0.08627	24.5313	Spriggs East
06-08-29	503871	7443057	KL	KL2	172	38958.64236	29.224	2.00717	1.17936	22.39378	Spriggs East
06-08-29	503891	7443060	KL	KL3	173	38958.64271	29.204	2.68096	3.0329	14.56662	Spriggs East
06-08-29	503915	7443060	KL	KL4	174	38958.64306	29.288	2.23118	1.19148	15.52701	Spriggs East
06-08-29	503929	7443073	KL	KL5	175	38958.6434	29.296	2.02264	0.90269	13.40827	Spriggs East
06-08-29	503928	7443091	L	L1	176	38958.64796	29.288	2.10462	1.12555	16.76438	Spriggs East
06-08-29	503930	7443108	L	L2	177	38958.64831	29.232	1.61735	1.45511	13.92244	Spriggs East
06-08-29	503926	7443125	L	L3	178	38958.64866	29.204	1.5891	2.49765	26.44908	Spriggs East
06-08-29	503927	7443142	L	L4	179	38958.649	29.232	1.77642	3.01117	19.54192	Spriggs East
06-08-29	503929	7443163	L	L5	180	38958.64954	29.248	1.71026	3.49209	14.1503	Spriggs East
06-08-29	503931	7443185	L	L6	181	38958.64988	29.272	1.32962	2.11685	13.38419	Spriggs East
06-08-29	503908	7443180	L	L7	182	38958.65134	29.264	1.9343	0.45268	20.03283	Spriggs East
06-08-29	503894	7443160	L	L8	183	38958.65169	29.284	1.35399	0.82275	20.30506	Spriggs East
06-08-29	503889	7443140	L	L9	184	38958.65204	29.256	1.31085	1.87789	19.48298	Spriggs East
06-08-29	503904	7443134	L	L10	185	38958.65238	29.26	2.26478	0.04774	20.75996	Spriggs East
06-08-29	503903	7443147	L	L11	186	38958.65273	29.28	1.77505	1.18991	21.17129	Spriggs East
06-08-29	503913	7443162	L	L12	187	38958.65308	29.26	1.60649	1.66846	19.70232	Spriggs East
06-08-29	503919	7443147	L	L13	188	38958.66131	29.232	1.75478	0.98604	20.7492	Spriggs East
06-08-29	503938	7443162	L	L14	189	38958.66166	29.26	1.73561	1.02694	18.545	Spriggs East

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Traverse	reading	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-29	503936	7443190	L	L15	190	38958.662	29.276	1.6515	3.27515	13.20029	Spriggs East
06-08-29	503941	7443215	L	L16	191	38958.66235	29.268	1.48248	1.89706	17.508	Spriggs East
06-08-29	503931	7443240	L	L17	192	38958.6627	29.244	1.89386	1.56523	21.86515	Spriggs East
06-08-29	503931	7443261	L	L18	193	38958.66304	29.224	1.72379	2.44942	20.34837	Spriggs East
06-08-29	503949	7443262	M	M1	194	38958.66553	29.252	2.52865	3.0185	19.89878	Spriggs East
06-08-29	503976	7443264	M	M2	195	38958.66588	29.256	2.22351	1.60638	19.37728	Spriggs East
06-08-29	504003	7443262	M	M3	196	38958.66623	29.296	1.95307	0.94366	13.65608	Spriggs East
06-08-29	504033	7443264	M	M4	197	38958.66657	29.288	1.72848	1.67203	14.82059	Spriggs East
06-08-29	504055	7443277	M	M5	198	38958.66692	29.256	1.67062	1.71957	16.05337	Spriggs East
06-08-29	504083	7443281	M	M6	199	38958.66727	29.232	2.04318	2.68425	14.92984	Spriggs East
06-08-29	504110	7443289	M	M7	200	38958.66762	29.24	1.74499	2.08883	17.22179	Spriggs East
06-08-29	504142	7443288	M	M8	201	38958.66796	29.244	1.57932	1.12438	25.84351	Spriggs East
06-08-29	504166	7443278	M	M9	202	38958.66831	29.188	1.92128	3.72872	32.34699	Spriggs East
06-08-29	504185	7443301	M	M10	203	38958.66866	29.2	2.03232	5.20215	28.01748	Spriggs East
06-08-29	504212	7443307	M	M11	204	38958.669	29.156	1.93951	3.77758	28.72693	Spriggs East
06-08-29	504237	7443321	M	M12	205	38958.66935	29.18	1.79252	1.42776	31.9118	Spriggs East
06-08-29	504251	7443350	M	M13	206	38958.6697	29.192	1.57604	3.92574	30.18491	Spriggs East
06-08-29	504258	7443378	M	M14	207	38958.67005	29.2	1.69909	4.24159	28.17829	Spriggs East
06-08-29	504260	7443396	M	M15	208	38958.67039	29.22	1.1921	2.93715	23.53022	Spriggs East
06-08-29	504261	7443412	M	M16	209	38958.67074	29.288	0.55373	1.59333	11.61588	Spriggs East
06-08-29	504260	7443425	M	M17	210	38958.67109	29.284	1.12713	1.19021	18.84362	Spriggs East
06-08-29	504249	7443415	N	N1	211	38958.68193	29.256	1.6031	2.88919	22.47391	Spriggs East
06-08-29	504261	7443411	N	N2	212	38958.68228	29.272	0.85579	2.71269	16.53632	Spriggs East
06-08-29	504274	7443400	N	N3	213	38958.68263	29.232	0.98613	1.5216	16.67833	Spriggs East
06-08-29	504278	7443387	N	N4	214	38958.68297	29.224	0.93842	2.70084	25.04828	Spriggs East
06-08-29	504286	7443377	N	N5	215	38958.68332	29.216	1.76598	2.41485	23.9932	Spriggs East
06-08-29	504297	7443363	N	N6	216	38958.68367	29.16	1.71437	4.65254	26.70995	Spriggs East
06-08-29	504317	7443349	N	N7	217	38958.68402	29.2	1.84309	4.36635	29.11382	Spriggs East
06-08-29	504426	7443538	O	O1	218	38958.6923	29.196	1.05247	2.98677	30.12457	Spriggs East
06-08-29	504422	7443552	O	O2	219	38958.69265	29.184	0.62352	7.16693	22.91527	Spriggs East
06-08-29	504420	7443565	O	O3	220	38958.693	29.176	0.28137	6.55594	20.85608	Spriggs East
06-08-29	504417	7443579	O	O4	221	38958.69334	29.228	0.44013	8.44326	22.27335	Spriggs East
06-08-29	504414	7443597	O	O5	222	38958.69369	29.216	0.92246	7.24954	21.62023	Spriggs East
06-08-29	504420	7443613	O	O6	223	38958.69404	29.2	2.14805	2.82983	25.11623	Spriggs East
06-08-29	504430	7443620	O	O7	224	38958.69439	29.196	1.73944	4.3971	26.94377	Spriggs East
06-08-29	504451	7443619	P	P1	225	38958.69747	29.256	2.38412	4.96004	16.05736	Spriggs East
06-08-29	504477	7443619	P	P2	226	38958.69781	29.212	1.74491	4.22688	20.39186	Spriggs East
06-08-29	504494	7443602	P	P3	227	38958.69816	29.24	2.54848	2.36078	18.28256	Spriggs East
06-08-29	504513	7443601	P	P4	228	38958.69851	29.32	1.25181	1.37777	6.68441	Spriggs East
06-08-29	504529	7443601	P	P5	229	38958.69885	29.284	0.97832	2.70736	7.79257	Spriggs East
06-08-29	504544	7443598	P	P6	230	38958.6992	29.208	2.14979	5.74146	14.57459	Spriggs East
06-08-29	504567	7443599	P	P7	231	38958.69955	29.244	1.30078	3.25973	25.88157	Spriggs East
06-08-29	504582	7443596	P	P8	232	38958.6999	29.152	2.95627	5.9332	19.08504	Spriggs East
06-08-29	504601	7443598	P	P9	233	38958.70024	29.152	2.15419	5.73305	26.52704	Spriggs East
06-08-29	504619	7443596	P	P10	234	38958.70059	29.22	3.06271	4.70567	13.82217	Spriggs East
06-08-29	504641	7443594	P	P11	235	38958.70094	29.192	2.82514	3.67563	19.33643	Spriggs East
06-08-29	504661	7443594	P	P12	236	38958.70128	29.232	3.29529	5.14362	14.2156	Spriggs East
06-08-29	504678	7443595	P	P13	237	38958.70163	29.188	4.06336	4.46004	17.11907	Spriggs East
06-08-29	504698	7443592	P	P14	238	38958.70198	29.248	2.66444	5.90921	14.45573	Spriggs East

Date_ymd	East_MGA_z53_finish	North_MGA_z53_finish	Record	Date time	LiveTime	K %	U ppm	Th ppm	Area
06-08-19	464122	7440543	165	38948.5	25.544	8.5784	242.8951	595.8039	Westend
06-08-19	464126	7440534	166	38948.4	57.172	1.4758	35.68551	81.66459	Westend
06-08-19	464127	7440538	167	38948.4	54.78	3.84715	114.0941	247.9838	Westend
06-08-19	464126	7440537	168	38948.5	57.468	1.74442	29.03726	66.27118	Westend
06-08-19	464129	7440531	169	38948.5	57.792	4.24493	22.24147	33.14957	Westend
06-08-19	464130	7440529	170	38948.5	57.924	3.47716	20.71664	30.05037	Westend