

APPENDIX B

ASSAY CERTIFICATES



Certificate of Analysis
Work Order : VC151751
[Report File No.: 0000012328]

Date: August 17, 2015

To: **SIGRID ADES**
JUBILEE GOLD EXPLORATION LTD
80 RICHMOND ST W
SUITE 605
TORONTO ON M5H 2S9

P.O. No.: HALCROW / 125N001-575S010
Project No.: -
Samples: 84
Received: Jul 27, 2015
Pages: Page 1 to 4
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
84	G_LOG02	Pre-preparation processing, sorting, logging, boxing
84	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Certified By :

Cam Chiang
Assistant Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : VC151751 Order: HALCROW / 125N001-575S010

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Element Method Det.Lim. Units	Au GE_MMI_M 0.1 ppb	Ag GE_MMI_M 0.5 ppb	As GE_MMI_M 10 ppb	Cu GE_MMI_M 10 ppb	Zn GE_MMI_M 10 ppb	Ni GE_MMI_M 5 ppb	Mo GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb
125N001	0.5	6.0	30	240	90	475	5	233
125N002	<0.1	3.8	20	260	860	230	3	409
125N003	0.2	30.8	10	150	140	273	4	50
125N004	1.0	32.4	30	160	180	254	6	71
125N005	<0.1	18.4	20	150	300	295	<2	106
125N006	<0.1	45.7	<10	730	550	150	5	38
125N007	<0.1	12.0	20	140	340	231	7	85
125N008	<0.1	11.0	20	190	70	302	<2	51
125N009	<0.1	15.3	20	260	140	133	4	81
125N010	<0.1	2.3	50	200	190	163	9	136
125N011	<0.1	5.1	20	500	1240	388	3	61
125N012	0.1	11.2	10	180	250	343	3	100
125N013	0.1	21.1	10	190	190	420	4	110
187N001	0.1	14.2	20	190	80	283	12	72
187N002	<0.1	29.6	10	160	110	369	3	83
187N003	0.3	62.4	<10	470	100	149	4	79
187N004	0.2	19.6	20	260	190	190	7	131
187N005	<0.1	9.2	30	120	80	253	3	95
187N006	<0.1	18.8	10	150	190	224	5	46
187N007	<0.1	15.2	<10	130	100	306	9	66
187N008	<0.1	34.6	10	180	80	226	5	30
187N009	0.4	25.2	10	1580	50	133	10	18
187N010	<0.1	24.2	<10	230	50	328	3	47
187N011	<0.1	15.0	<10	740	890	225	4	34
187N012	<0.1	7.2	<10	2200	110	385	4	47
187N013	<0.1	<0.5	<10	2750	190	277	<2	106
250S001	1.6	96.4	20	2980	80	674	5	477
250S002	0.5	8.5	10	2070	1260	457	3	564
250S003	0.7	75.2	10	420	110	162	2	82
250S004	0.4	34.2	10	510	80	105	3	35
250S005	<0.1	1.9	<10	330	140	224	3	82
250S006	<0.1	1.6	10	2520	270	512	68	80
250S007	<0.1	12.0	20	510	30	356	6	159
100N001	0.2	14.0	20	200	320	259	7	65
100N002	0.3	10.1	30	380	60	544	5	365
100N003	0.5	15.5	<10	2030	120	1990	5	68
100N004	0.6	1.6	<10	10900	180	1670	43	133
100N005	0.5	1.0	20	9960	570	892	16	156
100N006	0.5	0.5	<10	6450	670	902	64	199
100N007	0.4	17.5	<10	2580	110	1250	31	133

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Element Method Det.Lim. Units	Au GE_MMI_M 0.1 ppb	Ag GE_MMI_M 0.5 ppb	As GE_MMI_M 10 ppb	Cu GE_MMI_M 10 ppb	Zn GE_MMI_M 10 ppb	Ni GE_MMI_M 5 ppb	Mo GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb
100N008	5.4	9.3	10	500	30	165	19	69
100N009	1.2	13.6	20	1880	240	497	68	236
100N010	4.4	15.0	10	1610	50	277	56	102
100N011	3.4	2.9	20	4620	480	628	224	62
100N012	0.6	1.4	10	20500	330	504	47	471
100N013	1.8	45.2	20	630	270	371	24	72
100N014	0.2	12.4	20	130	230	189	7	102
100N015	0.3	2.4	<10	1190	20	45	4	12
100N016	<0.1	0.5	<10	190	1060	70	4	321
100N017	<0.1	21.0	<10	3370	70	178	<2	90
100N018	<0.1	9.6	20	330	180	194	4	64
100N019	0.1	43.9	20	1040	310	158	5	73
100N020	0.2	14.6	<10	970	340	242	4	106
100N021	<0.1	6.3	20	210	1040	221	8	128
100S001	<0.1	6.4	30	180	110	133	6	48
100S002	<0.1	1.1	10	120	230	101	<2	272
100S003	<0.1	1.7	<10	620	70	317	2	28
100S004	0.2	10.2	<10	160	20	118	2	36
100S005	<0.1	18.6	<10	150	90	193	5	82
100S006	0.1	8.0	<10	250	310	273	3	76
100S007	<0.1	21.0	10	100	450	165	5	84
100S008	<0.1	8.1	10	100	2800	158	3	87
100S009	<0.1	11.1	20	90	190	147	5	33
100S010	0.3	60.3	<10	200	70	59	8	39
100S011	<0.1	17.5	20	240	730	220	12	438
100S012	0.1	10.5	20	140	120	330	6	73
100S013	<0.1	1.7	10	180	440	121	13	137
100S014	0.1	11.3	<10	480	20	301	4	95
100S015	<0.1	2.1	<10	980	90	174	7	90
100S016	<0.1	<0.5	<10	110	330	43	4	39
100S017	<0.1	0.8	10	200	6240	155	4	158
100S018	<0.1	10.9	20	170	440	427	7	156
100S019	0.2	7.6	20	480	290	136	3	70
100S020	<0.1	13.0	20	240	590	322	7	125
575S001	<0.1	0.7	70	290	1480	396	9	213
575S002	<0.1	5.5	20	180	3590	459	5	162
575S003	<0.1	10.5	20	90	790	647	4	198
575S004	<0.1	11.2	10	130	210	412	6	84
575S005	<0.1	6.0	<10	70	430	277	2	53
575S006	<0.1	2.3	20	150	4980	480	6	77

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Element	Au	Ag	As	Cu	Zn	Ni	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
575S007	<0.1	17.6	<10	160	320	501	4	127
575S008	0.1	20.5	40	320	890	644	4	136
575S009	<0.1	2.9	10	90	1410	564	4	120
575S010	<0.1	2.9	<10	80	2320	231	4	63
*Rep 125N009	<0.1	16.0	10	270	90	107	3	74
*Rep 187N003	0.3	59.8	<10	480	90	147	4	86
*Rep 250S007	<0.1	12.0	<10	520	40	341	3	147
*Rep 100N019	0.1	45.9	10	880	310	175	5	71
*Rep 100S005	<0.1	17.8	10	150	80	183	4	79
*Rep 575S005	<0.1	6.4	<10	60	470	304	2	54
*Std MMISRM18	8.0	25.1	20	1010	720	587	39	94
*Std MMISRM19	5.5	26.9	<10	2030	2660	2300	12	542
*Blk BLANK	<0.1	<0.5	10	<10	<10	<5	<2	<1
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	1

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80 RICHMOND ST W
SUITE 605
TORONTO ON M5H 2S9

P.O. No.: HALCROW / 575S011-410E004
Project No.: -
Samples: 84
Received: Jul 27, 2015
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(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
84	G_LOG02	Pre-preparation processing, sorting, logging, boxing
84	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Certified By :

Cam Chiang
Assistant Operations Manager

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*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

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Element Method Det.Lim. Units	Au GE_MMI_M 0.1 ppb	Ag GE_MMI_M 0.5 ppb	As GE_MMI_M 10 ppb	Cu GE_MMI_M 10 ppb	Zn GE_MMI_M 10 ppb	Ni GE_MMI_M 5 ppb	Mo GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb
575S011	<0.1	1.0	20	160	3030	228	8	182
575S012	<0.1	1.5	40	190	1470	250	8	170
575S013	<0.1	11.6	20	170	2540	445	4	246
575S014	<0.1	3.9	10	110	1430	317	5	193
575S015	<0.1	7.9	30	200	960	469	7	153
575S016	0.1	21.9	160	1190	1510	6550	7	301
575S017	<0.1	4.7	110	260	2000	494	18	602
575S018	<0.1	<0.5	<10	520	440	316	17	118
575S019	<0.1	<0.5	<10	590	500	153	41	21
575S020	<0.1	1.0	<10	260	3030	183	3	510
575S021	<0.1	10.5	20	110	80	198	12	107
575S022	<0.1	3.0	20	460	240	378	6	136
575S023	<0.1	6.6	<10	200	310	233	5	97
0E001 1005	<0.1	3.0	30	150	1880	272	9	234
0E002 258	<0.1	<0.5	40	150	1290	182	5	112
0E003 505	<0.1	2.7	20	130	2080	212	6	159
0E004 25	<0.1	9.4	10	200	820	240	3	165
0E005 0	<0.1	2.1	20	150	1540	75	4	41
0E006 25N	<0.1	8.3	<10	180	80	200	<2	83
0E007 50	<0.1	2.4	<10	180	<10	130	2	45
0E008 25	<0.1	0.7	<10	140	100	123	4	58
0E009 1005	<0.1	5.6	<10	270	870	155	4	100
0E010 102-5	<0.1	0.9	<10	400	30	84	5	124
0E011 25	<0.1	<0.5	<10	20	160	111	<2	185
0E012	<0.1	<0.5	<10	90	510	50	<2	83
0E013	<0.1	<0.5	<10	50	890	45	<2	39
0E014	<0.1	1.4	<10	100	280	626	5	257
0E015	<0.1	0.5	20	440	50	326	6	152
0E016	<0.1	<0.5	<10	110	100	77	3	72
0E017	<0.1	1.3	<10	4960	40	407	5	79
0E018	<0.1	1.9	30	260	850	482	6	423
0E019	<0.1	23.4	<10	180	140	118	3	65
0E020	<0.1	13.0	20	190	210	308	7	117
0E021	<0.1	9.1	<10	210	330	327	7	110
0E022	0.1	14.4	<10	240	400	389	7	87
0E023	<0.1	4.0	20	180	1340	221	4	103
0E024	<0.1	7.9	<10	150	1150	277	5	128
0E025	<0.1	6.7	20	170	900	258	8	95
0E026	<0.1	6.0	30	300	1700	217	8	129
0E027 325	<0.1	0.7	10	210	4370	104	5	297

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Element	Au	Ag	As	Cu	Zn	Ni	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
0E028	<0.1	10.1	40	200	510	282	10	100
0E029	<0.1	0.8	10	130	3610	128	5	72
0E030	<0.1	<0.5	<10	280	380	233	4	41
0E031	<0.1	<0.5	<10	130	220	94	4	58
0E032	<0.1	<0.5	<10	30	130	66	<2	27
0E033	<0.1	<0.5	<10	30	90	57	<2	30
210E001	<0.1	7.2	30	260	910	342	8	194
210E002	<0.1	<0.5	<10	1730	910	412	<2	68
210E003	<0.1	1.7	10	260	1600	254	3	122
210E004	<0.1	8.9	10	430	280	310	3	54
210E005	<0.1	<0.5	<10	190	4250	91	<2	148
210E006	<0.1	<0.5	<10	90	3530	61	4	96
210E007	<0.1	1.9	20	150	150	296	4	157
210E008	<0.1	1.1	<10	1280	180	466	5	66
210E009	0.3	1.2	40	180	1880	352	4	278
210E010	0.1	<0.5	60	30	380	143	9	132
210E011	0.3	1.5	100	460	750	324	7	151
210E012	0.6	1.0	450	1090	120	583	32	147
210E013	<0.1	0.5	100	240	160	234	11	116
210E014	<0.1	<0.5	20	30	80	31	3	39
210E015	<0.1	1.7	30	170	50	201	4	94
210E016	<0.1	1.1	50	130	740	128	4	85
210E017	<0.1	21.2	10	170	100	94	3	56
310E001	<0.1	0.5	<10	150	50	133	13	43
310E002	<0.1	<0.5	<10	40	130	137	16	71
310E003	<0.1	3.3	40	230	680	207	8	227
310E004	<0.1	17.5	20	190	610	290	4	113
310E005	<0.1	24.9	<10	290	60	132	3	61
310E006	<0.1	3.4	10	220	150	162	6	119
310E007	<0.1	1.4	10	130	180	495	3	340
310E008	<0.1	2.2	20	210	1170	253	5	185
310E009	<0.1	<0.5	<10	10	240	109	<2	500
310E010	<0.1	3.2	<10	190	460	313	7	114
310E011	0.2	2.9	<10	550	880	312	6	137
310E012	<0.1	0.8	10	230	2350	97	4	194
310E013	<0.1	16.7	<10	370	460	129	4	52
310E014	<0.1	3.6	<10	170	1950	222	11	493
310E015	<0.1	4.2	<10	290	900	142	5	58
310E016	<0.1	1.7	20	80	1470	151	3	104
310E017	<0.1	1.8	20	240	630	209	4	125

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410E001	<0.1	15.2	<10	150	80	61	7	24
410E002	<0.1	14.1	20	170	180	390	9	53
410E003	<0.1	1.2	60	180	1270	222	14	444
410E004	<0.1	5.6	<10	120	160	252	5	74
*Rep 575S016	0.2	28.6	140	1120	1190	5980	8	296
*Rep 0E016	<0.1	<0.5	<10	100	110	72	2	69
*Rep 210E007	<0.1	2.4	20	130	230	303	3	130
*Rep 310E011	0.3	3.5	<10	550	570	296	7	144
*Std AMIS0169	0.8	8.2	20	4340	240	435	5	125
*Std MMISRM18	9.5	22.6	30	1060	800	537	41	105
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Blk BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*Rep 0E006	<0.1	7.0	<10	190	100	200	2	82

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Certificate of Analysis
Work Order : VC151766
[Report File No.: 0000012295]

Date: August 14, 2015

To: **Jubilee Gold Exploration**
JUBILEE GOLD EXPLORATION LTD
80 RICHMOND ST W
SUITE 605
TORONTO ON M5H 2S9

P.O. No.: HALCROW / 410E005-258N025
Project No.: -
Samples: 38
Received: Jul 27, 2015
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
38	G_LOG02	Pre-preparation processing, sorting, logging, boxing
38	GE_MMI_M	Mobile Metal ION standard package/ICP-MS

Certified By : _____

Cam Chiang
Assistant Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : VC151766 Order: HALCROW / 410E005-258N025

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Report File No.: 0000012295

Element Method Det.Lim. Units	Au GE_MMI_M 0.1 ppb	Ag GE_MMI_M 0.5 ppb	As GE_MMI_M 10 ppb	Cu GE_MMI_M 10 ppb	Zn GE_MMI_M 10 ppb	Ni GE_MMI_M 5 ppb	Mo GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb
410E005	0.1	4.1	10	450	90	173	4	61
410E006	0.1	<0.5	<10	100	550	199	<2	316
410E007	0.5	4.7	<10	1470	190	52	4	52
410E008	0.1	13.6	<10	490	100	1250	4	241
410E009	0.3	13.0	10	300	80	246	3	54
410E010	<0.1	6.9	20	170	370	319	3	155
410E011	<0.1	1.6	20	70	130	410	4	90
410E012	<0.1	<0.5	<10	280	820	81	3	80
410E013	<0.1	<0.5	<10	60	420	70	12	24
410E014	0.2	0.7	<10	1190	800	254	8	173
410E015	0.1	14.1	10	260	130	364	8	124
410E016	<0.1	1.5	20	440	1800	211	3	184
410E017	<0.1	<0.5	10	70	1240	106	<2	82
258N001	0.8	4.8	10	940	170	223	34	83
258N002	0.2	1.9	30	730	140	136	23	29
258N003	<0.1	11.4	<10	1650	80	117	10	44
258N004	<0.1	22.3	10	230	330	227	4	104
258N005	<0.1	14.5	10	90	50	194	2	97
258N006	<0.1	47.4	<10	140	30	180	4	60
258N007	<0.1	6.7	40	200	250	335	11	200
258N008	<0.1	9.1	70	280	500	357	8	336
258N009	<0.1	8.8	20	920	710	436	2	262
258N010	0.2	4.1	10	1320	150	81	<2	13
258N011	<0.1	2.8	<10	480	150	234	3	93
258N012	0.2	2.1	60	890	210	116	6	69
258N013	0.2	7.0	30	3300	400	109	3	143
258N014	0.2	12.8	20	980	210	411	2	238
258N015	0.3	36.1	30	1380	120	246	4	130
258N016	0.1	15.7	30	610	140	233	3	122
258N017	0.4	4.8	40	12700	50	264	2	52
258N018	0.3	11.0	<10	8810	40	585	7	58
258N019	0.2	21.1	30	2210	120	229	3	125
258N020	<0.1	6.5	40	710	400	290	9	368
258N021	0.1	10.0	30	1340	700	151	4	132
258N022	<0.1	28.7	20	2720	540	635	8	231
258N023	0.2	10.9	20	8830	2240	333	5	261
258N024	<0.1	13.1	10	150	310	163	3	61
258N025	<0.1	4.3	50	270	890	253	7	513
*Rep 410E006	<0.1	<0.5	<10	100	460	201	<2	335
*Rep 258N006	<0.1	49.6	<10	130	30	186	4	61

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Report File No.: 0000012295

Element	Au	Ag	As	Cu	Zn	Ni	Mo	Co
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.1	0.5	10	10	10	5	2	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Std MMISRM19	5.1	29.9	10	2210	2540	2190	12	532
*BIK BLANK	<0.1	<0.5	<10	<10	<10	<5	<2	<1
*BIK BLANK	<0.1	<0.5	<10	10	<10	<5	<2	<1

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258N008	SAND	FLAT	POPLAR/BIRCH	40CM	354656	5296810	258N	87.5E
258N009	SILT	FLAT	POPLAR/SPRUCE	40CM	354666	5296819	258N	100E
258N010	SILT	FLAT	POPLAR/SPRUCE	40CM	354678	5296825	258N	112.5E
258N011	SAND	FLAT	POPLAR/SPRUCE	40CM	354683	5296839	258N	125E
258N012	SILT	FLAT	POPLAR/SPRUCE	40CM	354691	5296849	258N	137.5E
258N013	SAND	FLAT	POPLAR/BIRCH	40CM	354702	5296858	258N	150E
258N014	SAND	FLAT	MIXED	40CM	354710	5296869	258N	162.5E
258N015	SILT	FLAT	BIRCH/SPRUCE	40CM	354721	5296875	258N	175E
258N016	SILT	HILL	BIRCH/SPRUCE	40CM	354716	5296897	258N	187.5E
258N017	SILT	HILL	BIRCH/SPRUCE	40CM	354726	5296910	258N	200E
258N018	SILT	HILL	BIRCH/SPRUCE	40CM	354737	5296913	258N	212.5E
258N019	SAND	HILL	BIRCH/SPRUCE	40CM	354752	5296916	258N	225E
258N020	SAND	FLAT	MIXED	40CM	354765	5296920	258N	237.5E
258N021	SAND	FLAT	BICH/SPRUCE	40CM	354776	5296924	258N	250E
258N022	SAND	HILL	POPLAR/BIRCH	40CM	354784	5296935	258N	262.5E
258N023	SILT	FLAT	MIXED	40CM	354792	5296944	258N	275E
258N024	SAND	FLAT	POPLAR/SPRUCE	40CM	354801	5296956	258N	287.5E
258N025	SILT	FLAT	MIXED	40CM	354811	5296958	258N	300E

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
410E100N	1	23	1	1	1	1	0	2
410E125N	1	22	4	1	1	1	3	2
410E150N	1	2	12	1	1	8	2	4
410E175N	1	9	1	1	1	1	2	1
410E200N	2	1	2	2	1	1	1	1
410E225N	2	0	1	0	4	1	1	0
410E250N	10	2	1	6	2	2	0	1
410E275N	2	4	1	2	1	1	8	1
410E300N	6	4	2	1	1	1	2	1
410E325N	1	2	3	1	3	3	2	1
410E350N	1	1	3	0	1	1	3	1
410E375N	1	0	1	1	7	7	1	1
410E400N	1	0	1	0	3	3	0	4
410E425N	4	0	1	5	7	7	2	3
410E450N	2	5	2	1	1	1	2	3
410E475N	1	0	3	2	15	15	1	1
410E500N	1	0	2	0	10	10	1	0

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR	
258N0E	16	2	2	4	1	1	11	1	
258N12.5E	4	1	5	3	1	1	8	0	
258N25E	1	4	1	7	1	1	3	1	
258N37E	1	7	2	1	3	1	1	2	
258N50E	1	5	2	0	0	1	1	2	
258N62.5E	1	15	1	1	0	1	1	1	
258N75E	1	2	6	1	2	2	4	3	
258N87.5E	1	3	11	1	4	2	3	6	
258N100E	1	3	3	4	6	3	1	4	
258N112.5	4	1	2	6	1	1	0	0	
258N125E	1	1	1	2	1	2	1	2	
258N137.5	4	1	10	4	2	1	2	1	
258N150E	4	2	5	14	3	1	1	2	
258N162.5	4	4	3	4	2	3	1	4	
258N175E	6	12	5	6	1	2	1	2	
258N187.5	2	5	5	3	1	2	1	2	
258N200E	8	2	6	53	0	2	1	1	
258N212.5	6	4	1	37	0	4	2	1	
258N225E	4	7	5	9	1	1	1	2	
258N237.5	1	2	6	3	3	2	3	6	
258N250E	2	3	5	6	6	1	1	2	
258N262.5	1	9	3	11	4	4	3	4	
258N275E	4	3	3	37	18	2	2	4	
258N287.5	1	4	2	1	3	1	1	1	
258N300E	1	1	8	1	7	2	2	8	

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
125E100N	10	2	6	2	1	3	1	4
125E112.5N	1	1	4	2	9	1	1	6
125E125N	4	9	2	1	1	2	1	1
125E137.5N	20	9	6	1	2	2	2	1
125E150N	1	5	4	1	3	2	0	2
125E162.5N	1	13	1	5	6	1	1	1
125E175N	1	3	4	1	4	1	2	1
125E187.5N	1	3	4	1	1	2	0	1
125E200N	1	4	3	2	1	1	1	1
125E212.5N	1	1	10	1	2	1	2	2
125E225N	1	1	4	3	13	2	1	1
125E237.5N	2	3	2	1	3	2	1	2
125E250N	2	6	2	1	2	3	1	2

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
187E75N	2	4	4	1	1	2	3	1
187E87.5N	1	8	2	1	1	2	1	1
187E100N	6	17	1	3	1	1	1	1
187E112.5N	4	5	4	2	2	1	2	2
187E125N	1	3	6	1	1	2	1	1
187E137.5N	1	5	2	1	2	1	1	1
187E150N	1	4	1	1	1	2	2	1
187E162.5N	1	10	2	1	1	1	1	0
187E175N	8	7	2	10	1	1	3	0
187E187.5N	1	7	1	1	1	2	1	1
187E200N	1	4	1	5	9	1	1	1
187E212.5N	1	2	1	14	1	2	1	1
187E225N	1	0	1	17	2	2	0	2

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
250E0N	32	27	4	19	1	4	1	7
250E25S	10	2	2	13	13	3	1	9
250E50S	14	21	2	3	1	1	1	1
250E75S	8	10	2	3	1	1	1	1
250E100S	1	1	1	2	1	1	1	1
250E125S	1	0	2	16	3	3	18	1
250E150S	1	3	3	3	0	2	1	2

	AuRR	AgRR	ASRR	CuRR	ZnRR	NiRR	MoRR	CoRR
100N125E	4	4	4	4	1	3	2	2
100N112.5E	6	3	3	6	2	1	1	6
100N100E	10	4	1	1	13	1	12	1
100N87.5E	12	0	0	1	68	2	10	2
100N75E	10	0	4	4	62	5	4	2
100N62.5E	10	0	1	4	40	5	17	3
100N50E	8	5	1	16	7	8	8	2
100N37.5E	108	3	2	3	0	1	5	1
100N25E	24	4	4	12	3	3	18	4
100N12.5E	88	4	2	10	1	2	15	2
100NOE	68	1	4	29	5	4	60	1
100N12.5V	12	0	2	128	4	3	13	7
100N25W	36	13	4	4	3	2	6	1
100N37.5V	4	3	4	1	2	1	2	2
100N50W	6	1	1	7	0	0	1	0
100N62.5V	1	0	1	1	11	0	1	5
100N75W	1	6	1	21	1	1	0	1
100N87.5V	1	3	4	2	2	1	1	1
100N100W	2	13	3	6	3	1	1	1
100N112.5	4	4	1	6	4	1	1	2
100N125W	1	2	4	1	11	1	2	2
100S100W	1	2	6	1	5	1	1	1
100S75W	1	0	2	1	2	1	0	4
100S50W	1	0	1	4	1	2	1	0
100S25W	4	3	1	1	0	1	1	1
100SOE	1	5	1	1	1	1	1	1
100S25E	2	2	1	2	3	2	1	1
100S50E	1	6	2	1	5	1	1	1
100S75E	1	2	2	1	30	1	1	1
100S100E	1	3	4	1	2	1	1	1
100S125E	6	17	1	1	1	0	2	1
100S150E	1	5	4	2	8	1	3	7
100S175E	2	3	4	1	1	2	2	1
100S200E	1	0	2	1	5	1	3	2
100S225E	2	3	1	3	0	2	1	1
100S250E	1	1	1	6	1	1	2	1
100S275E	1	0	1	1	4	0	1	1
100S300E	1	0	2	1	67	1	1	2
100S325E	1	3	4	1	5	3	2	2
100S350E	4	2	4	3	3	1	1	1
100S375E	1	4	4	2	6	2	2	2

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
575S450E	1	0	14	2	16	2	2	3
575S425E	1	2	4	1	38	3	1	3
575S400E	1	3	4	1	8	4	1	3
575S375E	1	3	2	1	2	2	2	1
575S350E	1	2	1	0	5	2	1	1
575S325E	1	1	4	1	53	3	2	1
575S300E	1	5	1	1	3	3	1	2
575S275E	2	6	8	2	9	4	1	2
575S250E	1	1	2	1	15	3	1	2
575S225E	1	1	1	1	25	1	1	1
575S200E	1	2	4	1	19	2	2	3
575S175E	1	2	8	1	9	2	2	2
575S150E	1	18	4	1	16	3	1	4
575S1253	1	6	2	1	9	2	1	3
575S100E	1	12	6	1	6	4	2	2
575S75E	3	38	30	8	9	49	2	4
575S50E	1	7	22	2	13	4	5	9
575S25E	1	0	1	4	3	2	5	2
575S0w	1	0	1	4	3	1	11	0
575S25w	1	2	1	2	19	1	1	7
575S50w	1	16	4	1	1	2	3	2
575S75w	1	5	4	3	2	3	2	2
575S100w	1	10	1	1	2	2	1	1

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
OE100S	1	5	6	1	12	2	2	3
OE75S	1	0	8	1	8	1	1	2
OE50S	1	4	4	1	13	2	2	2
OE25S	1	14	2	1	5	2	1	2
OE0N	1	3	4	1	10	1	1	1
OE25N	1	13	1	1	1	2	0	1
OE50N	1	4	1	1	0	1	1	1
OE75N	1	1	1	1	1	1	1	1
OE100N	1	9	1	2	6	1	1	1
OE112.5N	1	1	1	3	0	1	1	2
OE125N	1	0	1	0	1	1	0	3
OE137.5N	1	0	1	1	3	0	0	1
OE150N	1	0	1	0	6	0	0	1
OE162.5N	1	2	1	1	2	5	1	4
OE175N	1	1	4	3	0	3	2	2
OE187.5N	1	0	1	1	1	1	1	1
OE200N	1	2	1	36	0	3	1	1
OE212.5N	1	3	6	2	5	4	2	6
OE225N	1	36	1	1	1	1	1	1

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
0E237.5N	1	20	4	1	1	2	2	2
0E250N	1	14	1	2	2	3	2	2
0E262.5N	2	22	1	2	3	3	2	1
0E275N	1	6	4	1	9	2	1	1
0E287.5N	1	12	1	1	7	2	1	2
0E300N	1	10	4	1	6	2	2	1
0E312.5N	1	9	6	2	11	2	2	2
0E325N	1	1	2	2	28	1	1	4
0E337.5N	1	16	8	1	3	2	3	1
0E350N	1	1	2	1	23	1	1	1
0E362.5N	1	0	1	2	2	2	1	1
0E375N	1	0	1	1	1	1	1	1
0E387.5N	1	0	1	0	1	1	0	0
0E400N	1	0	1	0	1	0	0	0

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
210E500N	1	11	6	2	6	3	2	3
210E475N	1	0	1	13	6	3	0	1
210E450N	1	3	2	2	10	2	1	2
210E425N	1	14	2	3	2	2	1	1
210E400N	1	0	1	1	27	1	0	2
210E375N	1	0	1	1	22	0	1	1
210E350N	1	3	4	1	1	2	1	2
210E325N	1	2	1	9	1	4	1	1
210E300N	6	2	8	1	12	3	1	4
210E275N	2	0	12	0	2	1	2	2
210E250N	6	2	20	3	5	3	2	2
210E225N	12	2	90	8	1	5	9	2
210E200N	1	1	20	2	1	2	3	2
210E175N	1	0	4	0	1	0	1	1
210E150N	1	3	6	1	0	2	1	1
210E125N	1	2	10	1	5	1	1	1
210E100N	1	33	2	1	1	1	1	1

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
310E500N	1	1	1	1	0	1	3	1
310E475N	1	0	1	0	1	1	4	1
310E450N	1	5	8	2	4	2	2	3
310E425N	1	27	4	1	4	2	1	2
310E400N	1	38	1	2	0	1	1	1
310E375N	1	5	2	2	1	1	2	2
310E350N	1	2	2	1	1	4	1	5
310E325N	1	3	4	2	7	2	1	3
310E300N	1	0	1	0	2	1	0	7
310E275N	1	5	1	1	3	2	2	2

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
310E250N	4	4	1	4	6	2	2	2
310E225N	1	1	2	2	15	1	1	3
310E200N	1	26	1	3	3	1	1	1
310E175N	1	6	1	1	12	2	3	7
310E150N	1	6	1	2	6	1	1	1
310E125N	1	3	4	1	9	1	1	1
310E100N	1	3	4	2	4	2	1	2

	AuRR	AgRR	AsRR	CuRR	ZnRR	NiRR	MoRR	CoRR
410E100N	1	23	1	1	1	0	2	0
410E125N	1	22	4	1	1	3	2	1
410E150N	1	2	12	1	8	2	4	6
410E175N	1	9	1	1	1	2	1	1