Comparison Between Lab Results and Field Results for Antimony

Field ID	Lab Results (ppm)	Field Results (ppm)	Remarks
BB23	2	< 158	U
AJ19	2	< 183	U
AF18	2	< 199	U
AH17	2	< 153	U
AI18	22	< 214	
SW-03-05B-C27	2	< 158	U
AK12	2	< 222	U
DN32	37	< 196	

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Arsenic

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std Deviation (ppm)	Remarks
BB23	3.5	< 17.63		
AJ19	24	27.51	7	
AF18	2	< 21		U
AH17	2	< 13.5		U
AI18	2	85.6	14	U
SW-03-05B-C27	2	< 17.7		U
AK12	2	43.9	12	U
DN32	2	45.5	10	U

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Barium

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std Deviation (ppm)	Remarks
BB23	0.2	167	43	U
AJ19	200	554	89	
AF18	473	414	71	
AH17	0.2	168.92	47	U
AI18	360	467	99	
SW-03-05B-C27	82	168	46	
AK12	230	637	97	
DN32	140	342	86	

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Cadmium

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Standard Deviation (ppm)	Remarks
BB23	3	< 69.5		
AJ19	0.2	< 81.6		U
AF18	0.2	< 87.8		U
AH17	0.2	< 67.2		U
AI18	21	< 94.7		
SW-03-05B-C27	4.4	78.4	47	
AK12	4	< 98.9		
DN32	5	< 87.1		

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Chromium

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std Deviation (ppm)	Remarks
BB23	112	200	13	E
AJ19	16	93	21	
AF18	54	124	18	
AH17	2.4	< 31		
AI18	162	252	28	
SW-03-05B-C27	81	82	13	
AK12	118	378	27	
DN32	162	167	23	

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Cobalt

Field ID	Lab Results (ppm)	Field Results (ppm)	Remarks
BB23	0.4	< 225	U
AJ19	14	< 521	
AF18	54	< 404	
AH17	0.4	< 186	U
AI18	16	< 730	
SW-03-05B-C27	0.4	< 260	U
AK12	12	< 648	
DN32	9	< 574	

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Copper

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std Deviation (ppm)	Remarks
BB23	40	< 64		
AJ19	68	< 84		
AF18	63	< 86		
AH17	13	< 60		
AI18	1370	427	40	E
SW-03-05B-C27	193	145	46	
AK12	2330	822	44	E
DN32	169	< 92		

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Iron

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std Deviation (ppm)	Remarks
BB23	25200	24717	243	E
AJ19	87300	84450	977	E
AF18	85600	48537	569	E
AH17	9150	14821	146	E
AI18	85600	117968	1520	E
SW-03-05B-C27	36100	30248	302	E
AK12	87300	94568	1206	E
DN32	87300	91036	1096	E

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Lead

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std Deviation (ppm)	Remarks
BB23	136	144	9	E
AJ19	99	93	10	
AF18	102	105	10	E
AH17	13	< 19.7		
AI18	922	965	22	E
SW-03-05B-C27	152	143	9	
AK12	449	572	17	
DN32	595	412	14	E

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Manganese

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std Deviation (ppm)	Remarks
BB23	813	938	23	
AJ19	1240	2239	48	E
AF18	2980	3236	55	E
AH17	167	421	17	
AI18	5080	4997	87	E
SW-03-05B-C27	957	1270	27	
AK12	6290	5268	87	E
DN32	3730	3163	60	E

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Mercury

Field ID	Lab Results (ppm)	Field Results (ppm)	Remarks
BB23	0.2	< 17	
AJ19	0.2	< 21	
AF18	0.2	< 21	
AH17	0.2	< 16.2	
AI18	0.2	< 26.8	
SW-03-05B-C27	0.2	< 17.2	
AK12	0.2	< 25.5	
DN32	0.2	< 23	

Notes:

1 Lab analysis method is via Manual Cold Vapor.
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Nickel

Field ID	Lab Results (ppm)	Field Results (ppm)	Remarks
BB23	23	< 75	
AJ19	27	< 128	
AF18	20	< 108	
AH17	6.3	< 66	
AI18	123	< 166	
SW-03-05B-C27	63	< 77	
AK12	152	< 157	
DN32	30	< 134	

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Selenium

Field ID	Lab Results (ppm)	Field Results (ppm)	Remarks
BB23	5	< 10	U
AJ19	5	< 12	U
AF18	5	< 13	U
AH17	5	< 10	U
AI18	5	< 15	U
SW-03-05B-C27	5	< 10	U
AK12	5	< 15	U
DN32	5	< 13	U

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Silver

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std. Deviation (ppm)	Remarks
BB23	0.3	46	14	U
AJ19	0.3	68	33	U
AF18	0.3	104	18	U
AH17	0.3	40	27	U
AI18	0.3	140	19	U
SW-03-05B-C27	0.3	64	28	U
AK12	0.3	170	20	U
DN32	0.3	70	17	U

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.

Comparison Between Lab Results and Field Results for Zinc

Field ID	Lab Results (ppm)	Field Results (ppm)	Field Std Deviation (ppm)	Remarks
BB23	359	298	15	E
AJ19	389	314	19	
AF18	182	116	17	
AH17	136	80	12	
AI18	1100	1150	32	E
SW-03-05B-C27	551	436	17	
AK12	407	540	26	E
DN32	693	963	27	E

Notes:

1 Lab analysis method is via Inductively Coupled Plasma (ICP)
2 A '<' sign indicates that the results are below the instrument limit of detection. As such, field std deviation does not apply.
3 Field Std Deviation (if shown) is defined as +/- 1-sigma from the field results.
4 A letter 'U' indicates the element was analyzed but not detected in the lab (in the noise level).
5 A letter 'E' indicates the presence of interference in the analysis of the element in the lab results.
6 Field Results are conducted using a portable X-Ray Flourescent Analyzer.