

# K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

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## TRANSMITTAL

**DATE:** 12/23/08

**TO:** MR. GEORGE KLADNIK  
3530 NORTH MONTE VISTA DRIVE  
FLAGSTAFF, AZ 86004

Phone: 928-213-5712  
Email: gakaa@aol.com

**ACCT:** L100

**FROM:** Richard A. Kagel, Ph.D.  
Laboratory Director

*RAK mcr  
12/23/08*

**SUBJECT:** LABORATORY RESULTS FOR YOUR PROJECT

Enclosed please find K Prime's laboratory reports for the following samples:

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
COMPOSITE SOIL	SOIL	12/02/08	NA	73224

The above listed sample group was received on 12/09/08 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.  
Thank you for this opportunity to be of service.

**K PRIME, INC.**  
LABORATORY REPORT

K PRIME PROJECT: L100  
CLIENT PROJECT: 0

SAMPLE ID: COMPOSITE SOIL  
LAB NO: 73224  
DATE SAMPLED: 12/02/08  
TIME SAMPLED: NA  
BATCH #: 120408S01

METHOD: TOTAL METALS BY ICP/MS  
REFERENCE: EPA 3050/6020A

SAMPLE TYPE: SOIL  
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	12/23/08	2.50	ND
ARSENIC	As	12/23/08	2.50	ND
BARIUM	Ba	12/23/08	2.50	17.8
BERYLLIUM	Be	12/23/08	2.50	ND
CADMIUM	Cd	12/23/08	2.50	ND
CHROMIUM	Cr	12/23/08	2.50	14.1
COBALT	Co	12/23/08	2.50	ND
COPPER	Cu	12/23/08	2.50	7.54
LEAD	Pb	12/23/08	2.50	3.09
MERCURY	Hg	12/23/08	0.100	ND
MOLYBDENUM	Mo	12/23/08	2.50	ND
NICKEL	Ni	12/23/08	2.50	14.3
SELENIUM	Se	12/23/08	2.50	ND
SILVER	Ag	12/23/08	2.50	ND
THALLIUM	Tl	12/23/08	2.50	ND
VANADIUM	V	12/23/08	2.50	7.41
ZINC	Zn	12/23/08	2.50	105

**NOTES:**

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT  
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch  
DATE: 12/23/08

**K PRIME, INC.**  
**LABORATORY BATCH QC REPORT**

**SAMPLE ID:** L12040801-S  
**DUPLICATE ID:** D12040801-S  
**METHOD BLANK ID:** B12040801-S  
**BATCH #:** 120408S01  
**DATE ANALYZED:** 12/05/08

**METHOD:** TOTAL METALS BY ICP/MS  
**REFERENCE:** EPA 3050/6020A

**SAMPLE TYPE:** SOLID  
**UNITS:** mg/Kg

COMPOUND	MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SPD mg/Kg	SP %R	RPD %
ANTIMONY	<2.5	100	0.0	88	88	88	0.5
ARSENIC	<2.5	100	0.0	90	89	90	0.5
BARIUM	<2.5	100	0.0	89	88	89	0.7
BERYLLIUM	<2.5	100	0.0	91	91	91	0.1
CADMIUM	<2.5	100	0.0	88	88	88	0.1
CHROMIUM	<2.5	100	0.0	91	91	91	0.6
COBALT	<2.5	100	0.0	90	89	90	1.1
COPPER	<2.5	100	0.0	91	89	91	1.8
LEAD	<2.5	100	0.0	91	89	91	2.0
MERCURY	<0.10	2.5	0.0	2.56	2.66	103	3.5
MOLYBDENUM	<2.5	100	0.0	120	121	120	1.0
NICKEL	<2.5	100	0.0	91	89	91	2.3
SELENIUM	<2.5	100	0.0	103	103	103	0.6
SILVER	<2.5	100	0.0	82	84	82	1.7
THALLIUM	<2.5	100	0.0	87	86	87	1.0
VANADIUM	<2.5	100	0.0	91	91	91	0.3
ZINC	<2.5	100	0.0	88	84	88	4.1

**NOTES:**

ND: NOT DETECTED  
 MB: METHOD BLANK  
 SA: SPIKE ADDED  
 SR: SAMPLE RESULT  
 SP: SPIKE RESULT  
 SPD: SPIKE DUPLICATE RESULT  
 SP(%R): SPIKE % RECOVERY  
 RPD: RELATIVE PERCENT DIFFERENCE

