

June 19, 2007

Tim Felegy  
Alaska Organics, LLC  
11002 65Th Ave NW  
Gig Harbor, WA 98332

RE: Denali Gold

Enclosed are the results of analyses for samples received by the laboratory on 05/25/07 13:17.  
The following list is a summary of the Work Orders contained in this report, generated on 06/19/07  
16:15.

If you have any questions concerning this report, please feel free to contact me.

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<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
SQE0143	Denali Gold	[none]

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TestAmerica - Spokane, WA



Randee Decker, Project Manager

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<b>Alaska Organics, LLC</b>	Project Name: <b>Denali Gold</b>	
11002 65Th Ave NW	Project Number: [none]	Report Created:
Gig Harbor, WA 98332	Project Manager: Tim Felegy	06/19/07 16:15

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Denali Gold	SQE0143-01	Soil	05/24/07 00:00	05/25/07 13:17

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Randee Decker, Project Manager

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<b>Alaska Organics, LLC</b>	Project Name: <b>Denali Gold</b>	
11002 65Th Ave NW	Project Number: [none]	Report Created:
Gig Harbor, WA 98332	Project Manager: Tim Felegy	06/19/07 16:15

**Total Metals by EPA 6010/7000 Series Methods**  
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SQE0143-01 (Denali Gold)</b>										
		<b>Soil</b>					<b>Sampled: 05/24/07 00:00</b>			
Arsenic	EPA 6010B	ND	----	7.10	mg/kg dry	1x	7050190	05/31/07 07:32	06/01/07 11:08	
<b>Barium</b>	"	<b>114</b>	----	1.42	"	"	"	"	"	
Cadmium	"	ND	----	0.568	"	"	"	"	"	
<b>Chromium</b>	"	<b>11.0</b>	----	1.42	"	"	"	"	"	
<b>Cobalt</b>	"	<b>6.13</b>	----	1.42	"	"	"	"	"	
<b>Lead</b>	"	<b>4.62</b>	----	4.26	"	"	"	"	"	
Mercury	EPA 7471A	ND	----	0.0500	mg/kg	"	7050178	05/29/07 09:08	05/29/07 15:48	
Molybdenum	EPA 6010B	ND	----	2.84	mg/kg dry	"	7050190	05/31/07 07:32	06/01/07 11:08	
<b>Nickel</b>	"	<b>12.2</b>	----	4.26	"	"	"	"	"	
Selenium	"	ND	----	7.10	"	"	"	"	"	
Silver	"	ND	----	1.42	"	"	"	"	06/01/07 13:53	

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<b>Alaska Organics, LLC</b>	Project Name: <b>Denali Gold</b>	
11002 65Th Ave NW	Project Number: [none]	Report Created:
Gig Harbor, WA 98332	Project Manager: Tim Felegy	06/19/07 16:15

**Conventional Chemistry Parameters by APHA/EPA Methods**  
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>SQE0143-01 (Denali Gold)</b>										
		<b>Soil</b>					<b>Sampled: 05/24/07 00:00</b>			
<b>% Solids</b>	TA SOP	<b>35.2</b>	----	0.0100	% by Weight	1x	7060004	06/01/07 10:23	06/01/07 10:23	

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Rande Decker, Project Manager

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<b>Alaska Organics, LLC</b>	Project Name: <b>Denali Gold</b>	Report Created:
11002 65Th Ave NW	Project Number: [none]	06/19/07 16:15
Gig Harbor, WA 98332	Project Manager: Tim Felegy	

**Total Metals by EPA 6010/7000 Series Methods - Laboratory Quality Control Results**  
 TestAmerica - Spokane, WA

<b>QC Batch: 7050178</b>	<b>Other (S) Preparation Method: Metals</b>
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7050178-BLK1)</b>								Extracted: 05/29/07 09:08						
Mercury	EPA 7471A	ND	---	0.0500	mg/kg	1x	--	--	--	--	--	--	05/29/07 15:18	
<b>LCS (7050178-BS1)</b>								Extracted: 05/29/07 09:08						
Mercury	EPA 7471A	0.0841	---	0.0500	mg/kg	1x	--	0.100	84.1%	(75-125)	--	--	05/29/07 15:16	
<b>Duplicate (7050178-DUP1)</b>				QC Source: SQE0134-01				Extracted: 05/29/07 09:08						
Mercury	EPA 7471A	ND	---	0.0500	mg/kg	1x	ND	--	--	--	NR (25)	--	05/29/07 15:51	
<b>Matrix Spike (7050178-MS1)</b>				QC Source: SQE0134-01				Extracted: 05/29/07 09:08						
Mercury	EPA 7471A	0.0891	---	0.0500	mg/kg	1x	ND	0.100	89.1%	(75-125)	--	--	05/30/07 09:38	
<b>Matrix Spike Dup (7050178-MSD1)</b>				QC Source: SQE0134-01				Extracted: 05/29/07 09:08						
Mercury	EPA 7471A	0.0869	---	0.0500	mg/kg	1x	ND	0.100	86.9%	(75-125)	2.50% (25)	--	05/30/07 09:40	

<b>QC Batch: 7050190</b>	<b>Soil Preparation Method: Metals</b>
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
<b>Blank (7050190-BLK1)</b>								Extracted: 05/31/07 07:32						
Silver	EPA 6010B	ND	---	0.500	mg/kg wet	1x	--	--	--	--	--	--	06/01/07 13:35	
Arsenic	"	ND	---	2.50	"	"	--	--	--	--	--	--	06/01/07 10:35	
Selenium	"	ND	---	2.50	"	"	--	--	--	--	--	--	"	
Lead	"	ND	---	1.50	"	"	--	--	--	--	--	--	"	
Chromium	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Cadmium	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Barium	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Cobalt	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Molybdenum	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Nickel	"	ND	---	1.50	"	"	--	--	--	--	--	--	"	
<b>LCS (7050190-BS1)</b>								Extracted: 05/31/07 07:32						
Nickel	EPA 6010B	52.2	---	1.50	mg/kg wet	1x	--	50.0	104%	(80-120)	--	--	06/01/07 10:31	
Selenium	"	47.8	---	2.50	"	"	--	"	95.6%	"	--	--	"	
Cobalt	"	52.0	---	0.500	"	"	--	"	104%	"	--	--	"	
Chromium	"	50.6	---	0.500	"	"	--	"	101%	"	--	--	"	
Cadmium	"	49.7	---	0.200	"	"	--	"	99.4%	"	--	--	"	
Barium	"	53.1	---	0.500	"	"	--	"	106%	"	--	--	"	
Arsenic	"	47.4	---	2.50	"	"	--	"	94.8%	"	--	--	"	
Silver	"	51.2	---	0.500	"	"	--	"	102%	"	--	--	06/01/07 13:33	

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Rande Decker, Project Manager

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<b>Alaska Organics, LLC</b>	Project Name: <b>Denali Gold</b>	Report Created:
11002 65Th Ave NW	Project Number: [none]	06/19/07 16:15
Gig Harbor, WA 98332	Project Manager: Tim Felegy	

**Total Metals by EPA 6010/7000 Series Methods - Laboratory Quality Control Results**  
 TestAmerica - Spokane, WA

<b>QC Batch: 7050190</b>	<b>Soil Preparation Method: Metals</b>
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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**LCS (7050190-BS1)**

Extracted: 05/31/07 07:32

Molybdenum	EPA 6010B	51.5	---	1.00	mg/kg wet	1x	--	50.0	103%	(80-120)	--	--	06/01/07 10:31	
Lead	"	50.4	---	1.50	"	"	--	"	101%	"	--	--	"	

**Duplicate (7050190-DUP1)**

QC Source: SQE0147-01

Extracted: 05/31/07 07:32

Nickel	EPA 6010B	19.9	---	2.62	mg/kg dry	1x	21.5	--	--	--	7.73% (20)	--	06/01/07 11:39	
Lead	"	26.2	---	2.62	"	"	27.8	--	--	--	5.93%	"	"	
Selenium	"	ND	---	4.36	"	"	ND	--	--	--	NR	"	"	
Cobalt	"	8.85	---	0.873	"	"	9.45	--	--	--	6.56%	"	"	
Silver	"	ND	---	0.873	"	"	ND	--	--	--	NR	"	06/01/07 14:18	
Arsenic	"	5.57	---	4.36	"	"	6.34	--	--	--	12.9%	"	06/01/07 11:39	
Barium	"	192	---	0.873	"	"	211	--	--	--	9.43%	"	"	
Cadmium	"	1.11	---	0.349	"	"	1.16	--	--	--	4.41%	"	"	
Molybdenum	"	1.98	---	1.75	"	"	1.91	--	--	--	3.60%	"	"	
Chromium	"	22.8	---	0.873	"	"	26.0	--	--	--	13.1%	"	"	

**Matrix Spike (7050190-MS1)**

QC Source: SQE0147-01

Extracted: 05/31/07 07:32

Nickel	EPA 6010B	104	---	2.62	mg/kg dry	1x	21.5	87.3	94.5%	(75-125)	--	--	06/01/07 11:45	
Cobalt	"	92.4	---	0.873	"	"	9.45	"	95.0%	"	--	--	"	
Selenium	"	80.1	---	4.36	"	"	ND	"	91.8%	"	--	--	"	
Lead	"	107	---	2.62	"	"	27.8	"	90.7%	"	--	--	"	
Chromium	"	107	---	0.873	"	"	26.0	"	92.8%	"	--	--	"	
Cadmium	"	85.2	---	0.349	"	"	1.16	"	96.3%	"	--	--	"	
Molybdenum	"	84.9	---	1.75	"	"	1.91	"	95.1%	"	--	--	"	
Arsenic	"	86.5	---	4.36	"	"	6.34	"	91.8%	"	--	--	"	
Silver	"	74.1	---	0.873	"	"	ND	"	84.9%	"	--	--	06/01/07 14:21	
Barium	"	290	---	0.873	"	"	211	"	90.5%	"	--	--	06/01/07 11:45	

**Matrix Spike Dup (7050190-MSD1)**

QC Source: SQE0147-01

Extracted: 05/31/07 07:32

Lead	EPA 6010B	120	---	2.62	mg/kg dry	1x	27.8	87.3	106%	(75-125)	11.5% (20)	--	06/01/07 11:50	
Silver	"	84.1	---	0.873	"	"	ND	"	96.3%	"	12.6%	"	06/01/07 14:24	
Arsenic	"	86.1	---	4.36	"	"	6.34	"	91.4%	"	0.464%	"	06/01/07 11:50	
Barium	"	309	---	0.873	"	"	211	"	112%	"	6.34%	"	"	
Chromium	"	110	---	0.873	"	"	26.0	"	96.2%	"	2.76%	"	"	
Selenium	"	79.5	---	4.36	"	"	ND	"	91.1%	"	0.752%	"	"	
Cobalt	"	91.7	---	0.873	"	"	9.45	"	94.2%	"	0.760%	"	"	
Molybdenum	"	83.8	---	1.75	"	"	1.91	"	93.8%	"	1.30%	"	"	
Nickel	"	112	---	2.62	"	"	21.5	"	104%	"	7.41%	"	"	
Cadmium	"	84.5	---	0.349	"	"	1.16	"	95.5%	"	0.825%	"	"	

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Rande Decke, Project Manager

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**Alaska Organics, LLC**

11002 65Th Ave NW  
Gig Harbor, WA 98332

Project Name: **Denali Gold**

Project Number: [none]

Project Manager: Tim Felegy

Report Created:

06/19/07 16:15

**Notes and Definitions**

Report Specific Notes:

None

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL\* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. \*MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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