



www.emeraldnw.com

400.38.028
400.38.029
400.38.033

ALASKA GOLD COMPANY

TRIP SUMMARY REPORT

JOB NUMBER AK02100

May 28, 2004

Your Partner for Recycling and Environmental Services

800 E. Ship Creek Ave. • Anchorage, AK 99501 • (907) 258-1558 • 1-877-375-5040 • Fax (907) 258-3049

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-1	5/28/2004	16:00	0479535	7153013	2	BTEX/GRO/DRO/RRO

Sample Photo: (All Holes dug to 12")

Lab Results: WNT-1



SGS Ref.# 1042970001
Client Name AK Gold Company
Project Name/# Rock Creek Environmental
Client Sample ID WNT-1 (Soil)
Matrix Soil/Solid

All Dates/Times are Alaska Standard Time
Printed Date/Time 06/09/2004 16:31
Collected Date/Time 05/26/2004 16:00
Received Date/Time 05/28/2004 8:15
Technical Director Stephen C. Ede

Released By 

Sample Remarks:

RRO - Unknown hydrocarbon with several peaks is present.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.632F	2.56	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Benzene	0.0128 U	0.0128	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Toluene	0.0174F	0.0512	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Ethylbenzene	0.0512 U	0.0512	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
P & M -Xylene	0.0512 U	0.0512	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
o-Xylene	0.0512 U	0.0512	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Surrogates									
1,4-Difluorobenzene <surr>	92.3		%	AK101 8021B	A	72-105	05/26/04	06/07/04	MML
4-Bromofluorobenzene <surr>	92.8		%	AK101 8021B	A	50-150	05/26/04	06/07/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	4.47F	19.8	mg/Kg	AK102 103	B		06/01/04	06/02/04	JC
Residual Range Organics	20.3	19.8	mg/Kg	AK102 103	B		06/01/04	06/02/04	JC
Surrogates									
5a Androstane <surr>	93.7		%	AK102 103	B	50-150	06/01/04	06/02/04	JC
n-Triacontane-d62 <surr>	78.5		%	AK102 103	B	50-150	06/01/04	06/02/04	JC
Solids									
Total Solids	96.0		%	SM20 2540G	B			06/01/04	AP

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-2	5/28/2004	16:00	0479541	7153008	2	BTEX/GRO/DRO/RRO

Sample Photo: (All Holes dug to 12")

Lab Results: WNT-2



SGS Ref.# 1042970002
 Client Name AK Gold Company
 Project Name/# Rock Creek Environmental
 Client Sample ID WNT-2 (Soil)
 Matrix Soil/Solid

All Dates/Times are Alaska Standard Time
 Printed Date/Time 06/09/2004 16:31
 Collected Date/Time 05/26/2004 16:00
 Received Date/Time 05/28/2004 8:15
 Technical Director Stephen C. Ede

Released By 

Sample Remarks:

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.421F	1.80	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Benzene	0.00898 U	0.00898	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Toluene	0.0140F	0.0359	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Ethylbenzene	0.0359 U	0.0359	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
P & M-Xylene	0.0359 U	0.0359	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
o-Xylene	0.0359 U	0.0359	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Surrogates									
1,4-Difluorobenzene <sur>	92.1		%	AK101 8021B	A	72-105	05/26/04	06/07/04	MML
4-Bromofluorobenzene <sur>	91.2		%	AK101 8021B	A	50-150	05/26/04	06/07/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	2.99F	20.3	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Residual Range Organics	13.3F	20.3	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Surrogates									
n-Triacontane-d62 <sur>	76.7		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
5a Androstane <sur>	87.2		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
Solids									
Total Solids	95.3		%	SM20 2540G	B			06/01/04	AP

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-3	5/28/2004	16:00	0479523	7152998	2	BTEX/GRO/DRO/RRO

Sample Photo: (All Holes dug to 12")

Sample Results: WNT-3



SGS Ref.# 1042970003
Client Name AK Gold Company
Project Name/# Rock Creek Environmental
Client Sample ID WNT-3 (Soil)
Matrix Soil/Solid

All Dates/Times are Alaska Standard Time
Printed Date/Time 06/09/2004 16:31
Collected Date/Time 05/26/2004 16:00
Received Date/Time 05/28/2004 8:15
Technical Director Stephen C. Ede

Released By 

Sample Remarks:

RRO - Unknown hydrocarbon with several peaks is present.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.474F	2.12	ug/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Benzene	0.0106 U	0.0106	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Toluene	0.0424 U	0.0424	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Ethylbenzene	0.0424 U	0.0424	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
P & M -Xylene	0.0424 U	0.0424	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
o-Xylene	0.0424 U	0.0424	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Surrogates									
1,4-Difluorobenzene <surr>	92.1		%	AK101 8021B	A	72-105	05/26/04	06/07/04	MML
4-Bromofluorobenzene <surr>	90.4		%	AK101 8021B	A	50-150	05/26/04	06/07/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	5.75F	20.3	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Residual Range Organics	29.4	20.3	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Surrogates									
n-Triacontane-d62 <surr>	93.9		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
5a Androstane <surr>	94.9		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
Solids									
Total Solids	95.1		%	SM20 2540G	B			06/01/04	AP

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-4	5/28/2004	16:20	0479474	7152878	2	BTEX/GRO/DRO/RRO

Sample Photo: (All Holes dug to 12")

Sample Results: WNT-4



SGS Ref.# 1042970004
Client Name AK Gold Company
Project Name/# Rock Creek Environmental
Client Sample ID WNT-4 (Soil)
Matrix Soil/Solid

All Dates/Times are Alaska Standard Time
Printed Date/Time 06/09/2004 16:31
Collected Date/Time 05/26/2004 16:20
Received Date/Time 05/28/2004 8:15
Technical Director Stephen C. Ede

Released By 

Sample Remarks:

RRO - Unknown hydrocarbon with several peaks is present.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.378F	1.84	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Benzene	0.00919 U	0.00919	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Toluene	0.0367 U	0.0367	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Ethylbenzene	0.0367 U	0.0367	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
P & M -Xylene	0.0367 U	0.0367	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
o-Xylene	0.0367 U	0.0367	mg/Kg	AK101 8021B	A		05/26/04	06/07/04	MML
Surrogates									
1,4-Difluorobenzene <sur>	91.7		%	AK101 8021B	A	72-105	05/26/04	06/07/04	MML
4-Bromofluorobenzene <sur>	85.4		%	AK101 8021B	A	50-150	05/26/04	06/07/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	6.71F	18.6	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Residual Range Organics	40.1	18.6	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Surrogates									
n-Triacontane-d62 <sur>	103		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
5a Androstane <sur>	100		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
Solids									
Total Solids	94.1		%	SM20 2540G	B			06/01/04	AP

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-5	5/28/2004	16:20	0479466	7152884	2	BTEX/GRO/DRO/RRO

Sample Photo: (All Holes dug to 12")

Sample Results: WNT-5



SGS Ref.# 1042970005
 Client Name AK Gold Company
 Project Name// Rock Creek Environmental
 Client Sample ID WNT-5 (Soil)
 Matrix Soil/Solid

All Dates/Times are Alaska Standard Time
 Printed Date/Time 06/09/2004 16:31
 Collected Date/Time 05/26/2004 16:20
 Received Date/Time 05/28/2004 8:15
 Technical Director Stephen C. Edr

Released By 

Sample Remarks:

RRO - Unknown hydrocarbon with several peaks is present.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	2.31 U	2.31	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Benzene	0.0116 U	0.0116	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Toluene	0.0462 U	0.0462	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Ethylbenzene	0.0462 U	0.0462	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
P & M -Xylene	0.0462 U	0.0462	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
o-Xylene	0.0462 U	0.0462	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Surrogates									
1,4-Difluorobenzene <sur>	92.2		%	AK101 8021B	A	72-105	05/26/04	06/08/04	MML
4-Bromofluorobenzene <sur>	83.6		%	AK101 8021B	A	50-150	05/26/04	06/08/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	19.1F	19.3	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Residual Range Organics	153	19.3	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Surrogates									
n-Triacontane-d62 <sur>	130		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
5a Androstane <sur>	120		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
Solids									
Total Solids	90.8		%	SM20 2540G	B			06/01/04	AP

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-6	5/28/2004	16:30	0479461	7152888	2	BTEX/GRO/DRO/RRO

Sample Photo: (All Holes dug to 12")

Sample Results: WNT-6



SGS Ref.# 1042970006
Client Name AK Gold Company
Project Name/# Rock Creek Environmental
Client Sample ID WNT-6 (Soil)
Matrix Soil/Solid

All Dates/Times are Alaska Standard Time
Printed Date/Time 06/09/2004 16:31
Collected Date/Time 05/26/2004 16:30
Received Date/Time 05/28/2004 8:15
Technical Director Stephen C. Ede

Released By 

Sample Remarks:

RRO - Unknown hydrocarbon with several peaks is present.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	2.32 U	2.32	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Benzene	0.0116 U	0.0116	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Toluene	0.0465 U	0.0465	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Ethylbenzene	0.0465 U	0.0465	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
P & M -Xylene	0.0465 U	0.0465	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
o-Xylene	0.0465 U	0.0465	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Surrogates									
1,4-Difluorobenzene <sur>	92.3		%	AK101 8021B	A	72-105	05/26/04	06/08/04	MML
4-Bromofluorobenzene <sur>	81.9		%	AK101 8021B	A	50-150	05/26/04	06/08/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	15.1F	20.8	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Residual Range Organics	79.5	20.8	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Surrogates									
n-Triacontane-d62 <sur>	97.5		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
5a Androstane <sur>	99.4		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
Solids									
Total Solids	91.5		%	SM20 2540G	B			06/01/04	AP

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-7	5/28/2004	16:45	0479463	7152890	2	BTEX/GRO/DRO/RRO

Sample Photo: (All Holes dug to 12")



Sample Results: WNT-7



SGS Ref.# 1042970007
 Client Name AK Gold Company
 Project Name/# Rock Creek Environmental
 Client Sample ID WNT-7 (Soil)
 Matrix Soil/Solid

All Dates/Times are Alaska Standard Time
 Printed Date/Time 06/09/2004 16:31
 Collected Date/Time 05/26/2004 16:45
 Received Date/Time 05/28/2004 8:15
 Technical Director Stephen C. Ede

Released By 

Sample Remarks:

RRO - Unknown hydrocarbon with several peaks is present.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.490F	2.43	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Benzene	0.0122 U	0.0122	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Toluene	0.0487 U	0.0487	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Ethylbenzene	0.0487 U	0.0487	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
P & M -Xylene	0.0487 U	0.0487	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
o-Xylene	0.0487 U	0.0487	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	MML
Surrogates									
1,4-Difluorobenzene <surrogate>	91.7		%	AK101 8021B	A	72-105	05/26/04	06/08/04	MML
4-Bromofluorobenzene <surrogate>	84.5		%	AK101 8021B	A	50-150	05/26/04	06/08/04	MML
Semivolatile Organic Fuels Department									
Diesel Range Organics	8.00F	18.6	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Residual Range Organics	57.6	18.6	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Surrogates									
n-Triacontane-d62 <surrogate>	101		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
5a Androstane <surrogate>	106		%	AK102 103	B	50-150	06/02/04	06/03/04	JC
Solids									
Total Solids	92.5		%	SM20 2540G	B			06/01/04	AP

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-8	5/28/2004	16:45	0479459	7152891	2	BTEX/GRO/DRO/RRO

Sample Photo: (All Holes dug to 12")



Sample Results: WNT-8



SGS Ref.# 1042970008
 Client Name AK Gold Company
 Project Name/# Rock Creek Environmental
 Client Sample ID WNT-8 (Soil)
 Matrix Soil/Solid

All Dates/Times are Alaska Standard Time
 Printed Date/Time 06/09/2004 16:31
 Collected Date/Time 05/26/2004 16:45
 Received Date/Time 05/28/2004 8:15
 Technical Director Stephen C. Ede

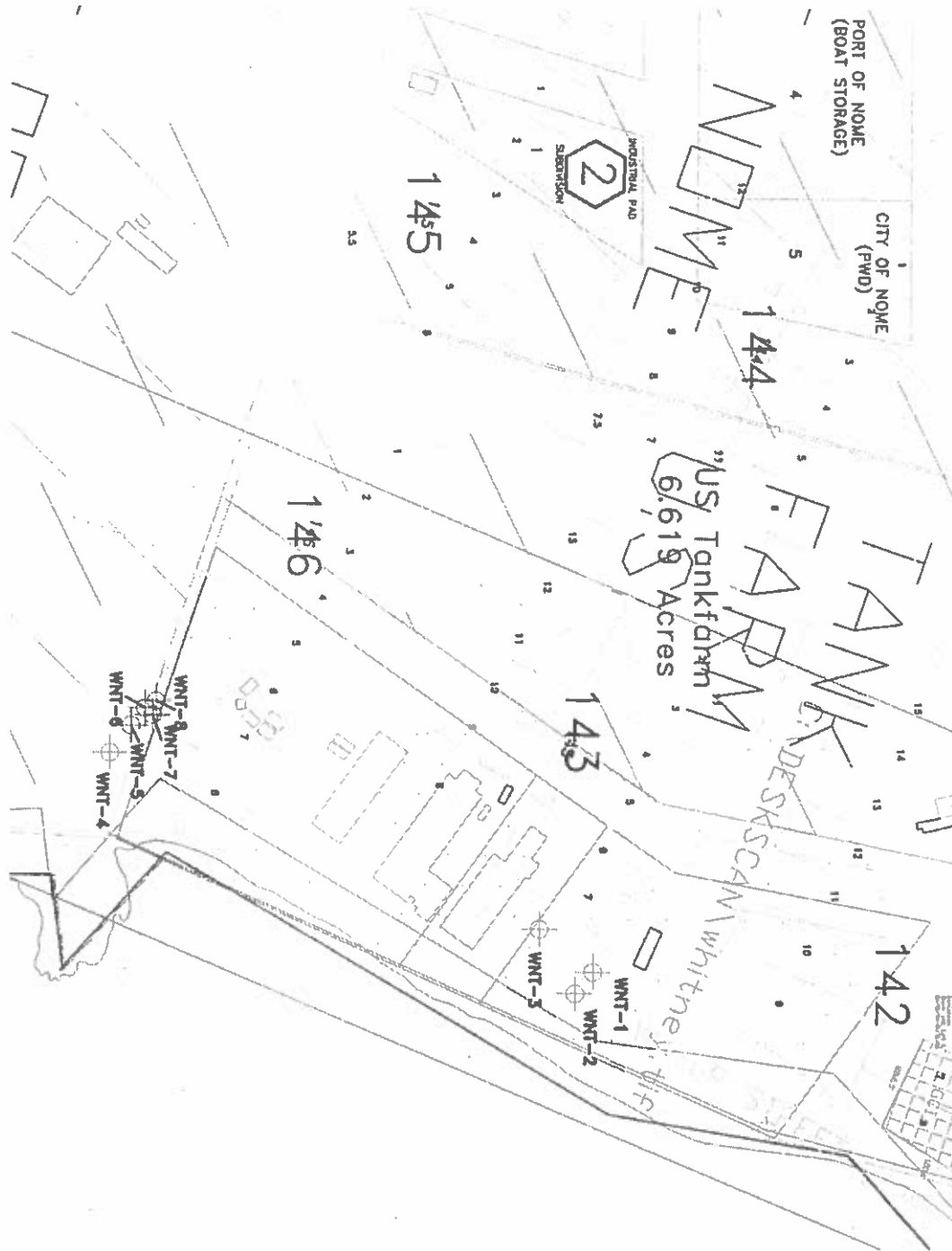
Released By 

Sample Remarks:

DRO/RRO - Surrogates are outside QC goals (biased high) due to hydrocarbon interference.
 DRO/RRO - The pattern is consistent with a highly weathered middle distillate.

Parameter	Results	PQL	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Fuels Department									
Gasoline Range Organics	0.995F	2.43	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	BRB
Benzene	0.0122 U	0.0122	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	BRB
Toluene	0.0262F	0.0486	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	BRB
Ethylbenzene	0.0486 U	0.0486	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	BRB
P & M -Xylene	0.0486 U	0.0486	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	BRB
o-Xylene	0.0486 U	0.0486	mg/Kg	AK101 8021B	A		05/26/04	06/08/04	BRB
Surrogates									
1,4-Difluorobenzene <surrogate>	86.9		%	AK101 8021B	A	72-105	05/26/04	06/08/04	BRB
4-Bromofluorobenzene <surrogate>	69.9		%	AK101 8021B	A	50-150	05/26/04	06/08/04	BRB
Semivolatile Organic Fuels Department									
Diesel Range Organics	115300	796	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Residual Range Organics	9250	796	mg/Kg	AK102 103	B		06/02/04	06/03/04	JC
Surrogates									
n-Triacontane-d62 <surrogate>	9820	!	%	AK102 103	B	50-150	06/02/04	06/03/04	JC
5a Androstane <surrogate>	13200	!	%	AK102 103	B	50-150	06/02/04	06/03/04	JC
Solids									
Total Solids	94.1		%	SM20 2540G	B		06/02/04		AP

Sample Site Map:



West Nome Tank Farm

Soil Samples

5/26/2004 COC:19:45

Charlotte MacCay & Christopher Scalero

Sample	Date	Time	Easting	Northing	Containers	Analysis
WNT-1	5/28/2004	16:00	0479535	7153013	2	BTEX/GRO/DRO/RRO
WNT-2	5/28/2004	16:00	0479541	7153008	2	BTEX/GRO/DRO/RRO
WNT-3	5/28/2004	16:00	0479523	7152998	2	BTEX/GRO/DRO/RRO
WNT-4	5/28/2004	16:20	0479474	7152878	2	BTEX/GRO/DRO/RRO
WNT-5	5/28/2004	16:20	0479466	7152884	2	BTEX/GRO/DRO/RRO
WNT-6	5/28/2004	16:30	0479461	7152888	2	BTEX/GRO/DRO/RRO
WNT-7	5/28/2004	16:45	0479463	7152890	2	BTEX/GRO/DRO/RRO
WNT-8	5/28/2004	16:45	0479459	7152891	2	BTEX/GRO/DRO/RRO



Laboratory Analysis Report

200 W. Potter Drive
Anchorage, AK 99518-1605
Tel. (907) 562-2343
Fax: (907) 561-5301
Web: <http://www.sgsenvironmental.com>

Charlotte MacCay
Bristol Env. & Eng
2000 W Int'l Airport Way C1
Anchorage, AK 99518

Work Order:	1042970 Rock Creek Environmental
Client:	AK Gold Company
Report Date:	June 09, 2004

Enclosed are the analytical results associated with the above workorder.

As required by the state of Alaska and the USEPA, a formal Quality Assurance/Quality Control Program is maintained by SGS. A copy of our Quality Control Manual that outlines this program is available at your request. The laboratory ADEC certification numbers are AK08-03 (DW), UST-005 (CS) and AK00971 (Micro).

Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS Quality Assurance Program Plan and the National Environmental Laboratory Accreditation Conference.

If you have any questions regarding this report or if we can be of any other assistance, please call your SGS Project Manager at (907) 562-2343.

The following descriptors may be found on your report which will serve to further qualify the data.

- PQL Practical Quantitation Limit (reporting limit).
- U Indicates the analyte was analyzed for but not detected.
- F Indicates an estimated value that falls below PQL, but is greater than the MDL.
- J The quantitation is an estimation.
- B Indicates the analyte is found in a blank associated with the sample.
- * The analyte has exceeded allowable regulatory or control limits.
- GT Greater Than
- D The analyte concentration is the result of a dilution.
- LT Less Than
- ! Surrogate out of control limits.
- Q QC parameter out of acceptance range.
- M A matrix effect was present.
- JL The analyte was positively identified, but the quantitation is a low estimation.
- E The analyte result is high outside of calibrated range.

Note: Soil samples are reported on a dry weight basis unless otherwise specified

