

*Approved
to Close
5-8-06*

MURCHISON OIL & GAS
attn: **TOMMY FOLSOM**
PO BOX 627
CARLSBAD

NM 88220

30-015-33690

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **MURCHISON OIL & GAS**

Project: **RIO STATE NO.3**

Order: **0605119 COD**

Receipt: **05-04-06**

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: **PIT NE CORNER**

Collected: **05-03-06 13:00:00** By: **CW**

Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0605119-0001A		SW846 9056 Anions by Ion Chromatography								By: JTK
W06343	WC.2006.1129.4	16887-00-6	Chloride	1510	mg / Kg	50	0.5		05-04-06	05-05-06

Sample: **PIT NW CORNER**

Collected: **05-03-06 13:10:00** By: **CW**

Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0605119-0002A		SW846 9056 Anions by Ion Chromatography								By: JTK
W06343	WC.2006.1129.7	16887-00-6	Chloride	387	mg / Kg	50	0.5		05-04-06	05-05-06

Sample: **PIT SE CORNER**

Collected: **05-03-06 13:20:00** By: **CW**

Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0605119-0003A		SW846 9056 Anions by Ion Chromatography								By: JTK
W06343	WC.2006.1129.8	16887-00-6	Chloride	1450	mg / Kg	50	0.5		05-04-06	05-05-06

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

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Client: **MURCHISON OIL & GAS**Project: **RIO STATE NO.3**Order: **0605119 COD**Receipt: **05-04-06**Sample: **PIT SW CORNER**

Collected: 05-03-06 13:50:00 By: CW

Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0605119-0004A SW846 9056 Anions by Ion Chromatography By: JTK										
W06343	WC.2006.1129.9	16887-00-6	Chloride	415	mg / Kg	50	0.5		05-04-06	05-05-06

Sample: **PIT MIDDLE**

Collected: 05-03-06 14:00:00 By: CW

Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0605119-0005A SW846 9056 Anions by Ion Chromatography By: JTK										
W06343	WC.2006.1129.10	16887-00-6	Chloride	1410	mg / Kg	50	0.5		05-04-06	05-05-06

Sample: **INSITU PIT BOTTOM COMP**

Collected: 05-03-06 14:30:00 By: CW

Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0605119-0006A SW846 9056 Anions by Ion Chromatography By: JTK										
W06343	WC.2006.1129.11	16887-00-6	Chloride	392	mg / Kg	50	0.5		05-04-06	05-05-06

Sample: **BACKGROUND COMP.**

Collected: 05-03-06 14:45:00 By: CW

Matrix: **SOIL**

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0605119-0007A SW846 9056 Anions by Ion Chromatography By: JTK										
W06343	WC.2006.1129.13	16887-00-6	Chloride	34.2	mg / Kg	50	0.5		05-04-06	05-05-06

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

MEMO: Samples were received with no ice.