

# Gascoyne Laboratories, Inc.

Baltimore, MD 21224-6697

BALTIMORE, MD.  
(301) 285-8510

## REPORT OF ANALYSIS

FAX #  
(301) 285-0815



Report No. 90-03-153 Report Date: March 20, 1990  
Report To: Allied Chemical Page: 11 of 28  
Sample I.D. Submitted Sediment: 203 Upper/Lower

### Modified Elutriate Test

<u>Total Metals:</u>	<u>Results</u>	<u>Detection Limits</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Test Completed</u>
Arsenic (As)	0.16	0.005	206.2	DLB	03/13/90
Barium (Ba)	0.30	0.010	200.7	DLB/RAH	03/14/90
Cadmium (Cd)	ND	0.01	213.1	MMM	03/15/90
Total Chromium (Cr)	3.12	0.05	200.7	DLB/BAH	03/14/90
Copper (Cu)	0.12	0.01	220.1	MMM	03/15/90
Iron (Fe)	25.8	0.01	200.7	DLB/BAH	03/14/90
Lead (Pb)	0.39	0.05	200.7	DLB/BAH	03/14/90
Mercury (Hg)	0.0023	0.0005	245.1	FAK	03/12/90
Selenium (Se)	ND	0.010	270.2	DLB	03/12/90
Silver (Ag)	ND	0.01	272.1	MMM	03/15/90
Zinc (Zn)	0.41	0.01	289.1	MMM	03/15/90
Total Suspended Solids	480	5	160.2	CL	03/09/90

- Notes: (1) Results are expressed in mg/liter of Elutriate extract.  
(2) ND-Not Detected.  
(3) Digestion Methods used for sample preparation taken from EPA SW-846.  
(4) Elutriate extraction performed according to the U.S. Army Corps of Engineers. Technical Report D-86-4, August 1986.

*Irving M. Kipnis*  
Laboratory Director  
Irving M. Kipnis, Ph.D.

# Gascoyne Laboratories, Inc.



Baltimore, MD 21224-6697

BALTIMORE, MD.  
(301) 285-8510

## REPORT OF ANALYSIS

FAX #  
(301) 285-0815

Report No. 90-03-153

Report Date: March 20, 1990

Report To: Allied Chemical

Page: 12 of 28

Sample I.D. Submitted Sediment: 203 Upper/Lower

### Modified Elutriate Test

<u>Dissolved Metals:</u>	<u>Results</u>	<u>Detection Limits</u>	<u>Method</u>	<u>Analyst</u>	<u>Date Test Completed</u>
Arsenic (As)	0.006	0.005	206.2	DLB	03/13/90
Barium (Ba)	0.14	0.010	200.7	DLB/RAH	03/14/90
Cadmium (Cd)	ND	0.01	213.1	MMM	03/15/90
Chromium (Cr)	ND	0.05	200.7	DLB/BAH	03/14/90
Copper (Cu)	ND	0.01	220.1	MMM	03/15/90
Iron (Fe)	0.04	0.01	200.7	DLB/BAH	03/14/90
Lead (Pb)	ND	0.05	200.7	DLB/BAH	03/14/90
Mercury (Hg)	ND	0.0005	245.1	FAK	03/12/90
Selenium (Se)	ND	0.010	270.2	DLB	03/12/90
Silver (Ag)	ND	0.01	272.1	MMM	03/15/90
Zinc (Zn)	0.01	0.01	289.1	MMM	03/15/90
Hexavalent Chromium (Cr)	ND	0.01	SM 312B	CL	03/09/90

- Notes:
- (1) Results are expressed in mg/liter of Elutriate extract.
  - (2) ND-Not Detected.
  - (3) Digestion Methods used for sample preparation taken from EPA SW-846.
  - (4) Analysis performed on filtered (0.45 micron) sample.
  - (5) Elutriate extraction performed according to the U.S. Army Corps of Engineers. Technical Report D-86-4, August 1986.

*Irving M. Kipnis*  
Laboratory Director  
Irving M. Kipnis, Ph.D.