MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E2H200306 **Matrix.....:** SOLID
Date Sampled...: 08/20/02 10:30 Date Received..: 08/20/02 12:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	16.8	20.0	36.9	mg/kg	100		SW846 6010B	08/22-08/23/02	E6WGN1C0
	16.8	20.0	36.6	mg/kg	99	0.83	SW846 6010B	08/22-08/23/02	E6WGN1C1
			Dilution Factor: 1						
			Analysis Time..: 14:09		Instrument ID..: M01			Analyst ID.....: 021088	
			MS Run #.....: 2235234						
Cobalt									
	4.9	50.0	52.6	mg/kg	95		SW846 6010B	08/22-08/23/02	E6WGN1CW
	4.9	50.0	52.9	mg/kg	96	0.57	SW846 6010B	08/22-08/23/02	E6WGN1CX
			Dilution Factor: 1						
			Analysis Time..: 14:09		Instrument ID..: M01			Analyst ID.....: 021088	
			MS Run #.....: 2235234						
Copper									
	8.1	25.0	33.0	mg/kg	100		SW846 6010B	08/22-08/23/02	E6WGN1C2
	8.1	25.0	33.6	mg/kg	102	1.7	SW846 6010B	08/22-08/23/02	E6WGN1C3
			Dilution Factor: 1						
			Analysis Time..: 14:09		Instrument ID..: M01			Analyst ID.....: 021088	
			MS Run #.....: 2235234						
Lead									
	3.0	50.0	51.2	mg/kg	96		SW846 6010B	08/22-08/23/02	E6WGN1A6
	3.0	50.0	52.1	mg/kg	98	1.8	SW846 6010B	08/22-08/23/02	E6WGN1A7
			Dilution Factor: 1						
			Analysis Time..: 14:09		Instrument ID..: M01			Analyst ID.....: 021088	
			MS Run #.....: 2235234						
Molybdenum									
	1.2	100	99.0	mg/kg	98		SW846 6010B	08/22-08/23/02	E6WGN1C4
	1.2	100	99.4	mg/kg	98	0.32	SW846 6010B	08/22-08/23/02	E6WGN1C5
			Dilution Factor: 1						
			Analysis Time..: 14:09		Instrument ID..: M01			Analyst ID.....: 021088	
			MS Run #.....: 2235234						
Nickel									
	10.5	50.0	56.2	mg/kg	91		SW846 6010B	08/22-08/23/02	E6WGN1A4
	10.5	50.0	56.5	mg/kg	92	0.54	SW846 6010B	08/22-08/23/02	E6WGN1A5
			Dilution Factor: 1						
			Analysis Time..: 14:09		Instrument ID..: M01			Analyst ID.....: 021088	
			MS Run #.....: 2235234						

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