MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E2H090172 **Matrix.....:** SOLID
Date Sampled...: 08/08/02 16:45 **Date Received..:** 08/08/02 19:20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	90	(80 - 120)			SW846 6010B	08/09-08/13/02	E568A1CG
	90	(80 - 120)	0.24	(0-25)	SW846 6010B	08/09-08/13/02	E568A1CH
		Dilution Factor: 1					
		Analysis Time..: 16:53			Instrument ID..: M01	Analyst ID.....: 000023	
		MS Run #.....: 2221213					
Selenium	87	(70 - 115)			SW846 6010B	08/09-08/13/02	E568A1CJ
	89	(70 - 115)	1.4	(0-25)	SW846 6010B	08/09-08/13/02	E568A1CK
		Dilution Factor: 1					
		Analysis Time..: 16:53			Instrument ID..: M01	Analyst ID.....: 000023	
		MS Run #.....: 2221213					
Silver	88	(80 - 120)			SW846 6010B	08/09-08/13/02	E568A1CL
	89	(80 - 120)	1.4	(0-25)	SW846 6010B	08/09-08/13/02	E568A1CM
		Dilution Factor: 1					
		Analysis Time..: 16:53			Instrument ID..: M01	Analyst ID.....: 000023	
		MS Run #.....: 2221213					
Cobalt	88	(80 - 120)			SW846 6010B	08/09-08/13/02	E568A1CN
	88	(80 - 120)	0.34	(0-25)	SW846 6010B	08/09-08/13/02	E568A1CP
		Dilution Factor: 1					
		Analysis Time..: 16:53			Instrument ID..: M01	Analyst ID.....: 000023	
		MS Run #.....: 2221213					
Copper	98	(80 - 120)			SW846 6010B	08/09-08/13/02	E568A1CQ
	96	(80 - 120)	1.2	(0-25)	SW846 6010B	08/09-08/13/02	E568A1CR
		Dilution Factor: 1					
		Analysis Time..: 16:53			Instrument ID..: M01	Analyst ID.....: 000023	
		MS Run #.....: 2221213					
Molybdenum	88	(80 - 120)			SW846 6010B	08/09-08/13/02	E568A1CT
	89	(80 - 120)	0.88	(0-25)	SW846 6010B	08/09-08/13/02	E568A1CU
		Dilution Factor: 1					
		Analysis Time..: 16:53			Instrument ID..: M01	Analyst ID.....: 000023	
		MS Run #.....: 2221213					
Nickel	86	(80 - 120)			SW846 6010B	08/09-08/13/02	E568A1CV
	85	(80 - 120)	1.0	(0-25)	SW846 6010B	08/09-08/13/02	E568A1CW
		Dilution Factor: 1					
		Analysis Time..: 16:53			Instrument ID..: M01	Analyst ID.....: 000023	
		MS Run #.....: 2221213					

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