

ANALYTICAL RESULTS SUMMARY

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : SOUTH RIVER WM REPLACEMENT

CDM SMITH

110 Fieldcrest Ave

Raritan Center

Edison, NJ - 08837

Phone No: 732-225-7000

ORDER ID : Q2436

ATTENTION : Marcie Ann Encinas



Laboratory Certification ID # 20012



Hit Summary Sheet
SW-846

SDG No.: Q2436
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	TP-70							
Q2436-01	TP-70	SOIL	Acetone	18.5	J	4.10	21.5	ug/Kg
Q2436-01	TP-70	SOIL	Methylene Chloride	4.10	J	3.00	8.60	ug/Kg
			Total Voc :	22.6				
Q2436-01	TP-70	SOIL	Hexane, 3-methyl-	* 4.70	J	0	0	ug/Kg
Q2436-01	TP-70	SOIL	Heptane, 3-methyl-	* 4.40	J	0	0	ug/Kg
Q2436-01	TP-70	SOIL	2-Ethyl-oxetane	* 4.80	J	0	0	ug/Kg
			Total Tics :	13.9				
			Total Concentration:	36.5				
Client ID:	TP-69							
Q2436-02	TP-69	SOIL	Acetone	77.9		4.40	23.4	ug/Kg
Q2436-02	TP-69	SOIL	Methylene Chloride	5.90	J	3.30	9.40	ug/Kg
Q2436-02	TP-69	SOIL	2-Butanone	9.80	J	6.10	23.4	ug/Kg
			Total Voc :	93.6				
			Total Concentration:	93.6				
Client ID:	TP-85							
Q2436-03	TP-85	SOIL	Acetone	33.3		4.10	21.7	ug/Kg
Q2436-03	TP-85	SOIL	Carbon Disulfide	0.99	J	0.92	4.30	ug/Kg
Q2436-03	TP-85	SOIL	Methylene Chloride	4.90	J	3.10	8.70	ug/Kg
			Total Voc :	39.2				
			Total Concentration:	39.2				
Client ID:	TP-86							
Q2436-04	TP-86	SOIL	Methylene Chloride	6.10	J	3.30	9.30	ug/Kg
			Total Voc :	6.10				
Q2436-04	TP-86	SOIL	Diethyl Ether	* 1.80	J	0.72	4.70	ug/Kg
			Total Tics :	1.80				
			Total Concentration:	7.90				
Client ID:	TP-84							
Q2436-05	TP-84	SOIL	Methylene Chloride	4.10	J	3.10	8.80	ug/Kg
			Total Voc :	4.10				
			Total Concentration:	4.10				
Client ID:	TP-100							
Q2436-08	TP-100	SOIL	Methylene Chloride	3.40	J	2.90	8.20	ug/Kg
			Total Voc :	3.40				
			Total Concentration:	3.40				
Client ID:	TP-82							
Q2436-10	TP-82	SOIL	Methylene Chloride	3.60	J	3.30	9.50	ug/Kg
			Total Voc :	3.60				
			Total Concentration:	3.60				

Hit Summary Sheet
SW-846

SDG No.: Q2436

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet

SW-846

SDG No.: Q2436

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-70								
Q2436-01	TP-70	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	190.000	AB	0	0	ug/Kg
Q2436-01	TP-70	SOIL	Benzophenone *	130.000	J	0	0	ug/Kg
Total Tics :				320.00				
Total Concentration:				320.00				
Client ID : TP-69								
Q2436-02	TP-69	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	210.000	AB	0	0	ug/Kg
Q2436-02	TP-69	SOIL	Benzophenone *	110.000	J	0	0	ug/Kg
Q2436-02	TP-69	SOIL	n-Tetracosanol-1 *	120.000	J	0	0	ug/Kg
Q2436-02	TP-69	SOIL	Triphenylphosphine oxide *	110.000	J	0	0	ug/Kg
Total Tics :				550.00				
Total Concentration:				550.00				
Client ID : TP-85								
Q2436-03	TP-85	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	310.000	AB	0	0	ug/Kg
Q2436-03	TP-85	SOIL	Benzophenone *	130.000	J	0	0	ug/Kg
Q2436-03	TP-85	SOIL	n-Hexadecanoic acid *	89.600	J	0	0	ug/Kg
Q2436-03	TP-85	SOIL	Tricosyl trifluoroacetate *	150.000	J	0	0	ug/Kg
Q2436-03	TP-85	SOIL	Triphenylphosphine oxide *	140.000	J	0	0	ug/Kg
Total Tics :				819.60				
Total Concentration:				819.60				
Client ID : TP-86								
Q2436-04	TP-86	SOIL	1-Decanol, 2-octyl- *	86.200	J	0	0	ug/Kg
Q2436-04	TP-86	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	220.000	AB	0	0	ug/Kg
Q2436-04	TP-86	SOIL	Benzophenone *	120.000	J	0	0	ug/Kg
Q2436-04	TP-86	SOIL	Pentadecafluorooctanoic acid, oct *	150.000	J	0	0	ug/Kg
Q2436-04	TP-86	SOIL	unknown18.462 *	78.000	J	0	0	ug/Kg
Total Tics :				654.20				
Total Concentration:				654.20				
Client ID : TP-84								
Q2436-05	TP-84	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	240.000	AB	0	0	ug/Kg
Q2436-05	TP-84	SOIL	Benzophenone *	130.000	J	0	0	ug/Kg
Q2436-05	TP-84	SOIL	Tricosyl trifluoroacetate *	150.000	J	0	0	ug/Kg
Q2436-05	TP-84	SOIL	Triphenylphosphine oxide *	72.900	J	0	0	ug/Kg
Total Tics :				592.90				
Total Concentration:				592.90				
Client ID : TP-83								

Hit Summary Sheet SW-846

SDG No.: Q2436
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2436-06	TP-83	SOIL	17-Pentatriacontene	*	150.000	J 0	0	ug/Kg
Q2436-06	TP-83	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	AB 0	0	ug/Kg
Q2436-06	TP-83	SOIL	Benzophenone	*	160.000	J 0	0	ug/Kg
Q2436-06	TP-83	SOIL	Heptadecyl trifluoroacetate	*	79.300	J 0	0	ug/Kg
Total Tics :					599.30			
Total Concentration:					599.30			
Client ID : TP-87								
Q2436-07	TP-87	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	AB 0	0	ug/Kg
Q2436-07	TP-87	SOIL	Benzophenone	*	170.000	J 0	0	ug/Kg
Q2436-07	TP-87	SOIL	Pentafluoropropionic acid, heptad	*	120.000	J 0	0	ug/Kg
Total Tics :					520.00			
Total Concentration:					520.00			
Client ID : TP-100								
Q2436-08	TP-100	SOIL	Fluoranthene		78.800	J 35	200	ug/Kg
Q2436-08	TP-100	SOIL	Pyrene		81.800	J 42	200	ug/Kg
Q2436-08	TP-100	SOIL	Bis(2-ethylhexyl)phthalate		150.000	J 69	200	ug/Kg
Total Svoc :					310.60			
Q2436-08	TP-100	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	AB 0	0	ug/Kg
Q2436-08	TP-100	SOIL	Benzophenone	*	130.000	J 0	0	ug/Kg
Q2436-08	TP-100	SOIL	Trifluoroacetoxy hexadecane	*	100.000	J 0	0	ug/Kg
Q2436-08	TP-100	SOIL	n-Hexadecanoic acid	*	89.800	J 0	0	ug/Kg
Total Tics :					539.80			
Total Concentration:					850.40			
Client ID : TP-99								
Q2436-09	TP-99	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	AB 0	0	ug/Kg
Q2436-09	TP-99	SOIL	Benzophenone	*	130.000	J 0	0	ug/Kg
Q2436-09	TP-99	SOIL	Tricosyl heptafluorobutyrate	*	120.000	J 0	0	ug/Kg
Total Tics :					480.00			
Total Concentration:					480.00			
Client ID : TP-82								
Q2436-10	TP-82	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	AB 0	0	ug/Kg
Q2436-10	TP-82	SOIL	Benzophenone	*	120.000	J 0	0	ug/Kg
Q2436-10	TP-82	SOIL	Octadecyl trifluoroacetate	*	120.000	J 0	0	ug/Kg
Q2436-10	TP-82	SOIL	Triphenylphosphine oxide	*	130.000	J 0	0	ug/Kg
Total Tics :					590.00			
Total Concentration:					590.00			

Hit Summary Sheet
SW-846

SDG No.: Q2436

Order ID: Q2436

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-83								
Q2436-06	TP-83	SOIL	4,4-DDE	0.26	J	0.15	1.90	ug/kg
Total Concentration:				0.260				
Client ID : TP-87								
Q2436-07	TP-87	SOIL	4,4-DDE	0.19	J	0.16	1.90	ug/kg
Total Concentration:				0.190				
Client ID : TP-100								
Q2436-08	TP-100	SOIL	Heptachlor epoxide	1.40	J	0.22	2.00	ug/kg
Q2436-08	TP-100	SOIL	Dieldrin	1.10	J	0.16	2.00	ug/kg
Q2436-08	TP-100	SOIL	alpha-Chlordane	22.9	P	0.14	2.00	ug/kg
Q2436-08	TP-100	SOIL	gamma-Chlordane	12.9		0.17	2.00	ug/kg
Total Concentration:				38.300				
Client ID : TP-99								
Q2436-09	TP-99	SOIL	4,4-DDT	0.22	J	0.15	1.80	ug/kg
Total Concentration:				0.220				
Client ID : TP-82								
Q2436-10	TP-82	SOIL	Heptachlor epoxide	0.33	J	0.21	1.80	ug/kg
Q2436-10	TP-82	SOIL	Dieldrin	0.62	J	0.15	1.80	ug/kg
Q2436-10	TP-82	SOIL	alpha-Chlordane	2.50		0.13	1.80	ug/kg
Q2436-10	TP-82	SOIL	gamma-Chlordane	1.30	J	0.16	1.80	ug/kg
Total Concentration:				4.750				



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Hit Summary Sheet
SW-846

SDG No.: Q2436

Order ID: Q2436

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2436

Order ID: Q2436

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000

Hit Summary Sheet SW-846

SDG No.: Q2436

Order ID: Q2436

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-70								
Q2436-01	TP-70	SOIL	Aluminum	8840		0.89	5.32	mg/Kg
Q2436-01	TP-70	SOIL	Arsenic	4.89		0.20	1.06	mg/Kg
Q2436-01	TP-70	SOIL	Barium	67.4		0.78	5.32	mg/Kg
Q2436-01	TP-70	SOIL	Beryllium	0.56		0.027	0.32	mg/Kg
Q2436-01	TP-70	SOIL	Calcium	318		11.8	106	mg/Kg
Q2436-01	TP-70	SOIL	Chromium	7.09		0.050	0.53	mg/Kg
Q2436-01	TP-70	SOIL	Cobalt	2.07		0.11	1.60	mg/Kg
Q2436-01	TP-70	SOIL	Copper	1.84		0.23	1.06	mg/Kg
Q2436-01	TP-70	SOIL	Iron	12400		4.24	5.32	mg/Kg
Q2436-01	TP-70	SOIL	Lead	5.95		0.14	0.64	mg/Kg
Q2436-01	TP-70	SOIL	Magnesium	203		12.8	106	mg/Kg
Q2436-01	TP-70	SOIL	Manganese	70.4		0.15	1.06	mg/Kg
Q2436-01	TP-70	SOIL	Nickel	3.08		0.14	2.13	mg/Kg
Q2436-01	TP-70	SOIL	Potassium	207		29.5	106	mg/Kg
Q2436-01	TP-70	SOIL	Selenium	2.88		0.28	1.06	mg/Kg
Q2436-01	TP-70	SOIL	Silver	0.56		0.13	0.53	mg/Kg
Q2436-01	TP-70	SOIL	Sodium	235		18.9	106	mg/Kg
Q2436-01	TP-70	SOIL	Vanadium	19.7		0.27	2.13	mg/Kg
Q2436-01	TP-70	SOIL	Zinc	8.13		0.25	2.13	mg/Kg
Client ID : TP-69								
Q2436-02	TP-69	SOIL	Aluminum	3120		0.83	4.92	mg/Kg
Q2436-02	TP-69	SOIL	Arsenic	5.74		0.19	0.98	mg/Kg
Q2436-02	TP-69	SOIL	Barium	5.63		0.72	4.92	mg/Kg
Q2436-02	TP-69	SOIL	Beryllium	0.35		0.025	0.30	mg/Kg
Q2436-02	TP-69	SOIL	Calcium	361		10.9	98.3	mg/Kg
Q2436-02	TP-69	SOIL	Chromium	8.42		0.046	0.49	mg/Kg
Q2436-02	TP-69	SOIL	Cobalt	0.39	J	0.098	1.48	mg/Kg
Q2436-02	TP-69	SOIL	Copper	1.29		0.22	0.98	mg/Kg
Q2436-02	TP-69	SOIL	Iron	18800		3.92	4.92	mg/Kg
Q2436-02	TP-69	SOIL	Lead	28.7		0.13	0.59	mg/Kg
Q2436-02	TP-69	SOIL	Magnesium	182		11.8	98.3	mg/Kg
Q2436-02	TP-69	SOIL	Manganese	7.58		0.14	0.98	mg/Kg
Q2436-02	TP-69	SOIL	Mercury	0.024		0.0080	0.015	mg/Kg
Q2436-02	TP-69	SOIL	Nickel	1.17	J	0.13	1.97	mg/Kg
Q2436-02	TP-69	SOIL	Potassium	385		27.2	98.3	mg/Kg
Q2436-02	TP-69	SOIL	Selenium	4.47		0.26	0.98	mg/Kg
Q2436-02	TP-69	SOIL	Silver	0.84		0.12	0.49	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2436

Order ID: Q2436

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2436-02	TP-69	SOIL	Sodium	324		17.5	98.3	mg/Kg
Q2436-02	TP-69	SOIL	Thallium	0.53	J	0.23	1.97	mg/Kg
Q2436-02	TP-69	SOIL	Vanadium	17.1		0.25	1.97	mg/Kg
Q2436-02	TP-69	SOIL	Zinc	7.35		0.23	1.97	mg/Kg
Client ID : TP-85								
Q2436-03	TP-85	SOIL	Aluminum	4030		0.85	5.07	mg/Kg
Q2436-03	TP-85	SOIL	Arsenic	1.63		0.19	1.01	mg/Kg
Q2436-03	TP-85	SOIL	Barium	11.0		0.74	5.07	mg/Kg
Q2436-03	TP-85	SOIL	Beryllium	0.26	J	0.025	0.30	mg/Kg
Q2436-03	TP-85	SOIL	Calcium	176		11.2	101	mg/Kg
Q2436-03	TP-85	SOIL	Chromium	5.18		0.048	0.51	mg/Kg
Q2436-03	TP-85	SOIL	Cobalt	1.06	J	0.10	1.52	mg/Kg
Q2436-03	TP-85	SOIL	Copper	2.32		0.22	1.01	mg/Kg
Q2436-03	TP-85	SOIL	Iron	7060		4.04	5.07	mg/Kg
Q2436-03	TP-85	SOIL	Lead	4.12		0.13	0.61	mg/Kg
Q2436-03	TP-85	SOIL	Magnesium	183		12.2	101	mg/Kg
Q2436-03	TP-85	SOIL	Manganese	9.36		0.14	1.01	mg/Kg
Q2436-03	TP-85	SOIL	Nickel	2.53		0.13	2.03	mg/Kg
Q2436-03	TP-85	SOIL	Potassium	181		28.1	101	mg/Kg
Q2436-03	TP-85	SOIL	Selenium	1.72		0.26	1.01	mg/Kg
Q2436-03	TP-85	SOIL	Silver	0.29	J	0.12	0.51	mg/Kg
Q2436-03	TP-85	SOIL	Sodium	240		18.0	101	mg/Kg
Q2436-03	TP-85	SOIL	Vanadium	11.8		0.25	2.03	mg/Kg
Q2436-03	TP-85	SOIL	Zinc	7.55		0.23	2.03	mg/Kg
Client ID : TP-86								
Q2436-04	TP-86	SOIL	Aluminum	4440		0.84	5.01	mg/Kg
Q2436-04	TP-86	SOIL	Arsenic	6.08		0.19	1.00	mg/Kg
Q2436-04	TP-86	SOIL	Barium	14.9		0.73	5.01	mg/Kg
Q2436-04	TP-86	SOIL	Beryllium	0.71		0.025	0.30	mg/Kg
Q2436-04	TP-86	SOIL	Calcium	344		11.1	100	mg/Kg
Q2436-04	TP-86	SOIL	Chromium	14.2		0.047	0.50	mg/Kg
Q2436-04	TP-86	SOIL	Cobalt	4.14		0.10	1.50	mg/Kg
Q2436-04	TP-86	SOIL	Iron	24500		4.00	5.01	mg/Kg
Q2436-04	TP-86	SOIL	Lead	3.87		0.13	0.60	mg/Kg
Q2436-04	TP-86	SOIL	Magnesium	275		12.0	100	mg/Kg
Q2436-04	TP-86	SOIL	Manganese	71.6		0.14	1.00	mg/Kg
Q2436-04	TP-86	SOIL	Nickel	3.18		0.13	2.00	mg/Kg
Q2436-04	TP-86	SOIL	Potassium	791		27.8	100	mg/Kg
Q2436-04	TP-86	SOIL	Selenium	5.08		0.26	1.00	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2436

Order ID: Q2436

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2436-04	TP-86	SOIL	Silver	1.12		0.12	0.50	mg/Kg
Q2436-04	TP-86	SOIL	Sodium	427		17.8	100	mg/Kg
Q2436-04	TP-86	SOIL	Thallium	0.50	J	0.23	2.00	mg/Kg
Q2436-04	TP-86	SOIL	Vanadium	22.6		0.25	2.00	mg/Kg
Q2436-04	TP-86	SOIL	Zinc	15.5		0.23	2.00	mg/Kg
Client ID : TP-84								
Q2436-05	TP-84	SOIL	Aluminum	4860		0.80	4.73	mg/Kg
Q2436-05	TP-84	SOIL	Arsenic	2.23		0.18	0.95	mg/Kg
Q2436-05	TP-84	SOIL	Barium	11.5		0.69	4.73	mg/Kg
Q2436-05	TP-84	SOIL	Beryllium	0.42		0.024	0.28	mg/Kg
Q2436-05	TP-84	SOIL	Calcium	320		10.5	94.6	mg/Kg
Q2436-05	TP-84	SOIL	Chromium	6.70		0.044	0.47	mg/Kg
Q2436-05	TP-84	SOIL	Cobalt	2.20		0.095	1.42	mg/Kg
Q2436-05	TP-84	SOIL	Copper	2.13		0.21	0.95	mg/Kg
Q2436-05	TP-84	SOIL	Iron	13400		3.78	4.73	mg/Kg
Q2436-05	TP-84	SOIL	Lead	4.43		0.12	0.57	mg/Kg
Q2436-05	TP-84	SOIL	Magnesium	312		11.4	94.6	mg/Kg
Q2436-05	TP-84	SOIL	Manganese	25.9		0.13	0.95	mg/Kg
Q2436-05	TP-84	SOIL	Nickel	3.47		0.12	1.89	mg/Kg
Q2436-05	TP-84	SOIL	Potassium	191		26.2	94.6	mg/Kg
Q2436-05	TP-84	SOIL	Selenium	3.16		0.25	0.95	mg/Kg
Q2436-05	TP-84	SOIL	Silver	0.66		0.11	0.47	mg/Kg
Q2436-05	TP-84	SOIL	Sodium	160		16.8	94.6	mg/Kg
Q2436-05	TP-84	SOIL	Vanadium	13.9		0.24	1.89	mg/Kg
Q2436-05	TP-84	SOIL	Zinc	13.1		0.22	1.89	mg/Kg
Client ID : TP-83								
Q2436-06	TP-83	SOIL	Aluminum	8670		0.88	5.26	mg/Kg
Q2436-06	TP-83	SOIL	Arsenic	4.16		0.20	1.05	mg/Kg
Q2436-06	TP-83	SOIL	Barium	20.7		0.77	5.26	mg/Kg
Q2436-06	TP-83	SOIL	Beryllium	0.65		0.026	0.32	mg/Kg
Q2436-06	TP-83	SOIL	Calcium	227		11.7	105	mg/Kg
Q2436-06	TP-83	SOIL	Chromium	13.0		0.049	0.53	mg/Kg
Q2436-06	TP-83	SOIL	Cobalt	3.11		0.11	1.58	mg/Kg
Q2436-06	TP-83	SOIL	Copper	1.13		0.23	1.05	mg/Kg
Q2436-06	TP-83	SOIL	Iron	19500		4.19	5.26	mg/Kg
Q2436-06	TP-83	SOIL	Lead	4.86		0.14	0.63	mg/Kg
Q2436-06	TP-83	SOIL	Magnesium	273		12.6	105	mg/Kg
Q2436-06	TP-83	SOIL	Manganese	57.2		0.15	1.05	mg/Kg
Q2436-06	TP-83	SOIL	Mercury	0.011	J	0.0080	0.015	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2436

Order ID: Q2436

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2436-06	TP-83	SOIL	Nickel	4.90		0.14	2.10	mg/Kg
Q2436-06	TP-83	SOIL	Potassium	382		29.1	105	mg/Kg
Q2436-06	TP-83	SOIL	Selenium	4.79		0.27	1.05	mg/Kg
Q2436-06	TP-83	SOIL	Silver	0.93		0.13	0.53	mg/Kg
Q2436-06	TP-83	SOIL	Sodium	82.2	J	18.7	105	mg/Kg
Q2436-06	TP-83	SOIL	Vanadium	20.5		0.26	2.10	mg/Kg
Q2436-06	TP-83	SOIL	Zinc	14.4		0.24	2.10	mg/Kg
Client ID : TP-87								
Q2436-07	TP-87	SOIL	Aluminum	8840		0.85	5.03	mg/Kg
Q2436-07	TP-87	SOIL	Arsenic	4.94		0.19	1.01	mg/Kg
Q2436-07	TP-87	SOIL	Barium	14.6		0.74	5.03	mg/Kg
Q2436-07	TP-87	SOIL	Beryllium	0.77		0.025	0.30	mg/Kg
Q2436-07	TP-87	SOIL	Calcium	278		11.2	101	mg/Kg
Q2436-07	TP-87	SOIL	Chromium	15.3		0.047	0.50	mg/Kg
Q2436-07	TP-87	SOIL	Cobalt	4.91		0.10	1.51	mg/Kg
Q2436-07	TP-87	SOIL	Iron	21300		4.02	5.03	mg/Kg
Q2436-07	TP-87	SOIL	Lead	5.97		0.13	0.60	mg/Kg
Q2436-07	TP-87	SOIL	Magnesium	319		12.1	101	mg/Kg
Q2436-07	TP-87	SOIL	Manganese	52.1		0.14	1.01	mg/Kg
Q2436-07	TP-87	SOIL	Mercury	0.010	J	0.0080	0.014	mg/Kg
Q2436-07	TP-87	SOIL	Nickel	7.01		0.13	2.01	mg/Kg
Q2436-07	TP-87	SOIL	Potassium	354		27.9	101	mg/Kg
Q2436-07	TP-87	SOIL	Selenium	4.81		0.26	1.01	mg/Kg
Q2436-07	TP-87	SOIL	Silver	0.93		0.12	0.50	mg/Kg
Q2436-07	TP-87	SOIL	Sodium	487		17.9	101	mg/Kg
Q2436-07	TP-87	SOIL	Vanadium	19.7		0.25	2.01	mg/Kg
Q2436-07	TP-87	SOIL	Zinc	16.6		0.23	2.01	mg/Kg
Client ID : TP-100								
Q2436-08	TP-100	SOIL	Aluminum	11700		0.90	5.36	mg/Kg
Q2436-08	TP-100	SOIL	Arsenic	2.67		0.20	1.07	mg/Kg
Q2436-08	TP-100	SOIL	Barium	24.5		0.78	5.36	mg/Kg
Q2436-08	TP-100	SOIL	Beryllium	0.72		0.027	0.32	mg/Kg
Q2436-08	TP-100	SOIL	Calcium	333		11.9	107	mg/Kg
Q2436-08	TP-100	SOIL	Chromium	7.70		0.050	0.54	mg/Kg
Q2436-08	TP-100	SOIL	Cobalt	5.97		0.11	1.61	mg/Kg
Q2436-08	TP-100	SOIL	Copper	1.12		0.24	1.07	mg/Kg
Q2436-08	TP-100	SOIL	Iron	17500		4.28	5.36	mg/Kg
Q2436-08	TP-100	SOIL	Lead	7.65		0.14	0.64	mg/Kg
Q2436-08	TP-100	SOIL	Magnesium	270		12.9	107	mg/Kg

Hit Summary Sheet
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Q2436-08	TP-100	SOIL	Manganese	72.9		0.15	1.07	mg/Kg
Q2436-08	TP-100	SOIL	Mercury	0.010	J	0.0080	0.015	mg/Kg
Q2436-08	TP-100	SOIL	Nickel	7.48		0.14	2.14	mg/Kg
Q2436-08	TP-100	SOIL	Potassium	266		29.7	107	mg/Kg
Q2436-08	TP-100	SOIL	Selenium	4.27		0.28	1.07	mg/Kg
Q2436-08	TP-100	SOIL	Silver	0.75		0.13	0.54	mg/Kg
Q2436-08	TP-100	SOIL	Sodium	176		19.1	107	mg/Kg
Q2436-08	TP-100	SOIL	Vanadium	15.7		0.27	2.14	mg/Kg
Q2436-08	TP-100	SOIL	Zinc	20.4		0.25	2.14	mg/Kg
Client ID : TP-99								
Q2436-09	TP-99	SOIL	Aluminum	15300		0.81	4.82	mg/Kg
Q2436-09	TP-99	SOIL	Arsenic	2.79		0.18	0.96	mg/Kg
Q2436-09	TP-99	SOIL	Barium	66.6		0.70	4.82	mg/Kg
Q2436-09	TP-99	SOIL	Beryllium	0.51		0.024	0.29	mg/Kg
Q2436-09	TP-99	SOIL	Calcium	2910		10.7	96.4	mg/Kg
Q2436-09	TP-99	SOIL	Chromium	7.44		0.045	0.48	mg/Kg
Q2436-09	TP-99	SOIL	Cobalt	4.07		0.096	1.45	mg/Kg
Q2436-09	TP-99	SOIL	Copper	3.21		0.21	0.96	mg/Kg
Q2436-09	TP-99	SOIL	Iron	13700		3.85	4.82	mg/Kg
Q2436-09	TP-99	SOIL	Lead	7.43		0.13	0.58	mg/Kg
Q2436-09	TP-99	SOIL	Magnesium	319		11.6	96.4	mg/Kg
Q2436-09	TP-99	SOIL	Manganese	61.2		0.14	0.96	mg/Kg
Q2436-09	TP-99	SOIL	Nickel	8.04		0.13	1.93	mg/Kg
Q2436-09	TP-99	SOIL	Potassium	299		26.7	96.4	mg/Kg
Q2436-09	TP-99	SOIL	Selenium	3.85		0.25	0.96	mg/Kg
Q2436-09	TP-99	SOIL	Silver	0.69		0.12	0.48	mg/Kg
Q2436-09	TP-99	SOIL	Sodium	318		17.2	96.4	mg/Kg
Q2436-09	TP-99	SOIL	Vanadium	12.2		0.24	1.93	mg/Kg
Q2436-09	TP-99	SOIL	Zinc	18.5		0.22	1.93	mg/Kg
Client ID : TP-82								
Q2436-10	TP-82	SOIL	Aluminum	1050		0.85	5.03	mg/Kg
Q2436-10	TP-82	SOIL	Arsenic	1.03		0.19	1.01	mg/Kg
Q2436-10	TP-82	SOIL	Barium	8.54		0.74	5.03	mg/Kg
Q2436-10	TP-82	SOIL	Beryllium	0.20	J	0.025	0.30	mg/Kg
Q2436-10	TP-82	SOIL	Calcium	174		11.2	101	mg/Kg
Q2436-10	TP-82	SOIL	Chromium	3.04		0.047	0.50	mg/Kg
Q2436-10	TP-82	SOIL	Cobalt	1.28	J	0.10	1.51	mg/Kg
Q2436-10	TP-82	SOIL	Copper	0.86	J	0.22	1.01	mg/Kg
Q2436-10	TP-82	SOIL	Iron	7140		4.02	5.03	mg/Kg

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2436-10	TP-82	SOIL	Lead	3.84		0.13	0.60	mg/Kg
Q2436-10	TP-82	SOIL	Magnesium	83.6	J	12.1	101	mg/Kg
Q2436-10	TP-82	SOIL	Manganese	19.7		0.14	1.01	mg/Kg
Q2436-10	TP-82	SOIL	Nickel	1.05	J	0.13	2.01	mg/Kg
Q2436-10	TP-82	SOIL	Potassium	45.1	J	27.9	101	mg/Kg
Q2436-10	TP-82	SOIL	Selenium	1.72		0.26	1.01	mg/Kg
Q2436-10	TP-82	SOIL	Silver	0.38	J	0.12	0.50	mg/Kg
Q2436-10	TP-82	SOIL	Sodium	171		17.9	101	mg/Kg
Q2436-10	TP-82	SOIL	Vanadium	9.07		0.25	2.01	mg/Kg
Q2436-10	TP-82	SOIL	Zinc	6.28		0.23	2.01	mg/Kg