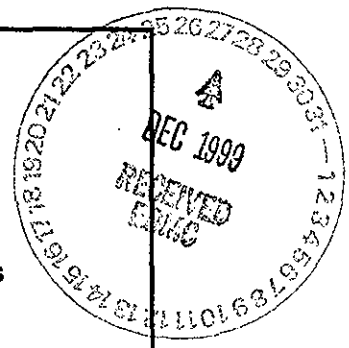
FS-C98021-Field

0052235

DATA DELIVERABLE COVER SHEET



Data Deliverable Cover Sheet

Date: Wednesday, December 30, 1998

Deliverable type (check one): ____ **Preliminary Test Results**
✓ **Final Data Deliverable**

Sample authorization form number: C98-021

Attachments (check all that apply or n/a): ____ **Narrative Summary**
✓ **Test Results**
____ **Chains of Custody**

Total number of pages (including cover sheet): 3 **pages**

Comments:

(Note: If Preliminary results were provided verbally, document information provided below including instrument used and results as Communicated to the project.)

M.G. Bachler
Analyst Signature

12/30/98
Date

Distribution: **Sample Management – Doris Ayres H9- 03**
Project (specify) None. Distributed electronically

Requires distribution to listed project personnel by Sample Management.

MOBILE LABORATORY DATA/LOG SHEET

Site Name: 200-UP-1 Groundwater

Date: 01/22/98

Sample Number	HEIS Number	Sample Time	Sample Type	Sampler (Initials)	Analysis Time	Analytical Results			Comments
						TCM ug/L	CCl4 ug/L	TCE ug/L	
DI Blank	—	0730	Water	MAB	1000	<2.0	<2.0	<2.0	hs012.d
100 ug/L Cal. check	—	0750	Water	MAB	1011	94 94%	98 98%	92 92%	hs013.d; Acceptable recoveries.
DI Blank	—	0730	Water	MAB	1022	<2.0	<2.0	<2.0	hs014.d
DLY121	B0MMM1	0815	Water	MAB	1057	<2.0	<2.0	<2.0	hs017.d; 01/14/98
DLY120	B0MMM0	0800	Water	MAB	1108	<2.0	<2.0	<2.0	hs018.d; 01/13/98
DLY119	B0MXN1	0815	Water	MAB	1119	<2.0	<2.0	<2.0	hs019.d; 01/15/98
299-W19-29	B0MM61	1116	Water	MAB	1130	<2.0	3.3	<2.0	hs020.d; 01/13/98
299-W19-36	B0MM47	1100	Water	MAB	1142	<2.0	5.4	<2.0	hs021.d; 01/15/98
299-W19-30	B0MM41	1247	Water	MAB	1153	<2.0	12	<2.0	hs022.d; 01/13/98
299-W19-37	B0MM49	1159	Water	MAB	1204	<2.0	30	<2.0	hs023.d; 01/14/98
299-W19-40	B0MM37	0856	Water	MAB	1216	3.3	70	<2.0	hs024.d; 01/13/98
299-W19-38	B0MM39	0931	Water	MAB	1227	<2.0	101	<2.0	hs025.d; 01/15/98
299-W19-23	B0MM53	1040	Water	MAB	1239	<2.0	77	<2.0	hs026.d; 01/13/98
299-W19-20	B0MM51	0935	Water	MAB	1250	<2.0	133	<2.0	hs027.d; 01/13/98
299-W19-28	B0MM59	1159	Water	MAB	1301	3.3	141	<2.0	hs028.d; 01/13/98
299-W19-34A	B0MM43	1244	Water	MAB	1313	7.4	114	2.7	hs029.d; 01/15/98
299-W19-35	B0MM45	1256	Water	MAB	1324	<2.0	145	15	hs030.d; 01/14/98
DI Blank	—	0730	Water	MAB	1421	<2.0	<2.0	<2.0	hs033.d
200ug/L Cal. check	—	1420	Water	MAB	1440	216. 108%	202. 101%	200. 100%	hs036.d; Acceptable recovery.
DI Blank	—	0730	Water	MAB	1451	<2.0	<2.0	<2.0	hs037.d

For instrument operation information, please refer to logbook EL-1329-1, page 8

M/A. Dalton / M.A. Dalton 1/22/98

Hist Verified

1/23/98 M.A Baechler/M.G. Baechler 7.3

200-UP-1 Daily Activity Log
Date: 01/23/98

1020	Arrived on-site at laboratory trailer located at ZP-1. Turned on KPA-11A uranium analyzer for analysis of 200-UP-1 groundwater samples. Placed instrument intake line/filter into uraplex solution.
1110	Prepared samples for analysis. Sample B0MM51 diluted 1:1, 5 mL of sample + 5 mL deionized water.
1225	Rinsed cell 4 times.
1228	Ran analysis of deionized water to stabilize background. Sample #1 Intensity = -322, Sample #2 Intensity = -263, Sample #3 Intensity = -395.
1240	Reset low and high calibration ranges. Low range: 1, 5, 10, and 25 ug/L. High range: 50, 500, 1000, 1500 ug/L.
1241	Started calibration of KPA-11A uranium analyzer.
1258	Calibration complete. Calibration curves acceptable.
1302	Analyzed deionized water 4 times to clear high concentration standard from system. Run #1 = 13.94 ug/L, Run #2 = 0.532 ug/L, Run #3 = 8.38E-02 ug/L.
1305	Started analysis of 200-UP-1 groundwater samples for uranium.
	25 ug/L calibration check: 25.3 ug/L, 101 % recovery. Acceptable recovery.
	1000 ug/L calibration check: 1020 ug/L, 102 % recovery. Acceptable recovery.
1345	Completed analysis of ground water samples.
1350	Saved analysis results to disk (980123.DAT).
1355	Rinsed cell 4 times with deionized water.
1410	Turned off instrument.

01/22/98

nts

recoveries.

: recovery.

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Total Uranium Analysis Data Sheet

Date 01/23/98

HEIS Number	Sample Name	Sample Date	Uranium (ug/L)	% Recovery	Comments
——	DI Blank	——	<1.0	——	
B0MM43	299-W19-34A	01/15/98	2.0	——	
B0MM47	299-W19-36	01/15/98	38	——	
——	25 ug/L Cal. Check	——	25.3	101	Acceptable Recovery
B0MM45	299-W19-35	01/14/98	47	——	
B0MM61	299-W19-29	01/13/98	145	——	
B0MM37	299-W19-40	01/13/98	172	——	
B0MM39	299-W19-38	01/15/98	221	——	
B0MM41	299-W19-30	01/13/98	588	——	
B0MM49	299-W19-37	01/14/98	631	——	
B0MM59	299-W19-28	01/13/98	588	——	
B0MM53	299-W19-23	01/13/98	934	——	
B0MM51	299-W19-20	01/13/98	2220	——	Diluted 1:1, 5mL DI/5mL Sample
——	1000 ug/L Cal. Check	——	1020	102	Acceptable Recovery
——	DI Blank	——	<1.0	——	

1/23/98