Appendix A

Sampling and Analysis Plan Tables

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision: 7.0 Project: WAG 3 GROUP 5 HI INTERBED

Project Manager: FORSYTHE, H. S.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	R8	RB	RH	RI	UD													
5HI001	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-1	BOREHOLE	TBD	1		1	1		1														
5HI002	REG/QC	GROUND WATER	DUP		07/01/2002	INTEC	ICPP-1796 Z-2	BOREHOLE	TBD	2		2	2		2														
5HI003	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-3	BOREHOLE	TBD	1		1	1		1														
5HI004	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-4	BOREHOLE	TBD	1		1	1		1														
5HI005	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-5	BOREHOLE	TBD	1		1	1		1														
5HI006	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-6	BOREHOLE	TBD	1		1	1		1														
5HI007	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-7	BOREHOLE	TBD	1		1	1		1														
5HI008	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-8	BOREHOLE	TBD	1		1	1		1														
5HI009	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-9	BOREHOLE	TBD	1		1	1		1														
5HI010	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1796 Z-10	BOREHOLE	TBD	1		1	1		1														
5HI011	REG/QC	GROUND WATER	DUP		07/01/2002	INTEC	1796 ABOVE INT	BOREHOLE	TBD							2													
5HI012	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1796 BELOW INT	BOREHOLE	TBD							1													
5HI013	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1796 WITHIN INT	BOREHOLE	TBD							1													
5HI014	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1796 INT-1	BOREHOLE	TBD		1		1	1															
5HI015	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1796 INT-2	BOREHOLE	TBD		1		1	1															
5HI016	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1796 INT-3	BOREHOLE	TBD		1		1	1															
5HI017	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-1	BOREHOLE	TBD	1		1	1		1														

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

AT1: Gross Alpha/Beta
AT2: Geotechnical Analyses
AT3: Tritium
AT4: Sr-90
AT5: Radiochemistry - Suite 1
AT6: Iodine-129
AT7: Iodine-129 (low detection level)
AT8:
AT9:
AT10:

AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:
Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

"UD" Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC.

Analysis Suites:
Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, iodine-129

Contingencies:

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision 7.0 Project: WAG 3 GROUP 5 HI INTERBED Project Manager: FORSYTHE, H. S. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	R8	RB	RH	RI	UD													
5HI018	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-2	BOREHOLE	TBD	1		1	1		1														
5HI019	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-3	BOREHOLE	TBD	1		1	1		1														
5HI020	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-4	BOREHOLE	TBD	1		1	1		1														
5HI021	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-5	BOREHOLE	TBD	1		1	1		1														
5HI022	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-6	BOREHOLE	TBD	1		1	1		1														
5HI023	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-7	BOREHOLE	TBD	1		1	1		1														
5HI024	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-8	BOREHOLE	TBD	1		1	1		1														
5HI025	REG/QC	GROUND WATER	DUP		07/01/2002	INTEC	ICPP-1797 Z-9	BOREHOLE	TBD	2		2	2		2														
5HI026	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1797 Z-10	BOREHOLE	TBD	1		1	1		1														
5HI027	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1797 ABOVE INT	BOREHOLE	TBD							1													
5HI028	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1797 BELOW INT	BOREHOLE	TBD							1													
5HI029	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1797 WITHIN INT	BOREHOLE	TBD							1													
5HI030	REG	INTERBED	GRAB		07/01/2002	INTEC	ICPP-1797 INT-1	BOREHOLE	TBD		1		1	1															
5HI031	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1797 INT-2	BOREHOLE	TBD		1		1	1															
5HI032	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1797 INT-3	BOREHOLE	TBD		1		1	1															
5HI033	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-1	BOREHOLE	TBD	1		1	1		1														
5HI034	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-2	BOREHOLE	TBD	1		1	1		1														

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AT1: Gross Alpha/Beta
AT2: Geotechnical Analyses
AT3: Tritium
AT4: Sr-90
AT5: Radiochemistry - Suite 1
AT6: Iodine-129
AT7: Iodine-129 (low detection level)
AT8:
AT9:
AT10:

AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

"UD" Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC.

Analysis Suites:

Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, Iodine-129

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision: 7.0 Project: WAG 3 GROUP 5 HI INTERBED

Project Manager: FORSYTHE, H. S.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	R8	RB	RH	RI	UD													
5HI035	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-3	BOREHOLE	TBD	1		1	1		1														
5HI036	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-4	BOREHOLE	TBD	1		1	1		1														
5HI037	REG/QC	GROUND WATER	DUP		07/01/2002	INTEC	ICPP-1798 Z-5	BOREHOLE	TBD	2		2	2		2														
5HI038	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-6	BOREHOLE	TBD	1		1	1		1														
5HI039	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-7	BOREHOLE	TBD	1		1	1		1														
5HI040	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-8	BOREHOLE	TBD	1		1	1		1														
5HI041	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-9	BOREHOLE	TBD	1		1	1		1														
5HI042	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1798 Z-10	BOREHOLE	TBD	1		1	1		1														
5HI043	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1798 ABOVE INT	BOREHOLE	TBD							1													
5HI044	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1798 BELOW INT	BOREHOLE	TBD							1													
5HI045	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1798 WITHIN INT	BOREHOLE	TBD							1													
5HI046	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1798 INT-1	BOREHOLE	TBD		1		1	1															
5HI047	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1798 INT-2	BOREHOLE	TBD		1		1	1															
5HI048	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1798 INT-3	BOREHOLE	TBD		1		1	1															
5HI049	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-1	BOREHOLE	TBD	1		1	1		1														
5HI050	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-2	BOREHOLE	TBD	1		1	1		1														
5HI051	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-3	BOREHOLE	TBD	1		1	1		1														

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

AT1: Gross Alpha/Beta
AT2: Geotechnical Analyses
AT3: Tritium
AT4: Sr-90
AT5: Radiochemistry - Suite 1
AT6: Iodine-129
AT7: Iodine-129 (low detection level)
AT8:
AT9:
AT10:

AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

UD Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC.

Analysis Suites:

Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, Iodine-129

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision: 7.0 Project: WAG 3 GROUP 5 HI INTERBED

Project Manager: FORSYTHE, H. S.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	R8	RB	RH	RI	UD													
5HI052	REG/QC	GROUND WATER	DUP		07/01/2002	INTEC	ICPP-1795 Z-4	BOREHOLE	TBD	2		2	2		2														
5HI053	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-5	BOREHOLE	TBD	1		1	1		1														
5HI054	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-6	BOREHOLE	TBD	1		1	1		1														
5HI055	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-7	BOREHOLE	TBD	1		1	1		1														
5HI056	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-8	BOREHOLE	TBD	1		1	1		1														
5HI057	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-9	BOREHOLE	TBD	1		1	1		1														
5HI058	REG	GROUND WATER	GRAB		07/01/2002	INTEC	ICPP-1795 Z-10	BOREHOLE	TBD	1		1	1		1														
5HI059	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1795 ABOVE INT	BOREHOLE	TBD							1													
5HI060	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1795 BELOW INT	BOREHOLE	TBD							1													
5HI061	REG	GROUND WATER	GRAB		07/01/2002	INTEC	1795 WITHIN INT	BOREHOLE	TBD							1													
5HI062	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1795 INT-1	BOREHOLE	TBD		1		1	1															
5HI063	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1795 INT-2	BOREHOLE	TBD		1		1	1															
5HI064	REG	INTERBED	CORE		07/01/2002	INTEC	ICPP-1795 INT-3	BOREHOLE	TBD		1		1	1															
5HI065	REG/QC	GROUND WATER	DUP		08/01/2002	INTEC	STRAD #1 ZONE 1	MONITORING WELL	TBD	2		2	2		2														
5HI066	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #1 ZONE 2	MONITORING WELL	TBD	1		1	1		1														
5HI067	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #1 ZONE 3	MONITORING WELL	TBD	1		1	1		1														
5HI068	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #1 ZONE 4	MONITORING WELL	TBD	1		1	1		1														

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

AT1: Gross Alpha/Beta

AT2: Geotechnical Analyses

AT3: Tritium

AT4: Sr-90

AT5: Radiochemistry - Suite 1

AT6: Iodine-129

AT7: Iodine-129 (low detection level)

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

UD Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC.

Analysis Suites:

Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, Iodine-129

Contingencies:

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision: 7.0 Project: WAG 3 GROUP 5 HI INTERBED Project Manager: FORSYTHE, H. S. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																			
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	R8	RB	RH	RI	UD													
5HI069	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #1 ZONE 5	MONITORING WELL	TBD	1		1	1		1														
5HI070	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #1 ZONE 6	MONITORING WELL	TBD	1		1	1		1														
5HI071	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #1 ZONE 7	MONITORING WELL	TBD	1		1	1		1														
5HI072	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #1 ZONE 8	MONITORING WELL	TBD	1		1	1		1														
5HI073	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #1 ZONE 9	MONITORING WELL	TBD	1		1	1		1														
5HI074	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #1 ZONE 10	MONITORING WELL	TBD	1		1	1		1														
5HI075	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #1 INT-1	MONITORING WELL	TBD							1													
5HI076	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #1 INT-2	MONITORING WELL	TBD							1													
5HI077	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #1 INT-3	MONITORING WELL	TBD							1													
5HI078	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #2 ZONE 1	MONITORING WELL	TBD	1		1	1		1														
5HI079	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #2 ZONE 2	MONITORING WELL	TBD	1		1	1		1														
5HI080	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #2 ZONE 3	MONITORING WELL	TBD	1		1	1		1														
5HI081	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #2 ZONE 4	MONITORING WELL	TBD	1		1	1		1														
5HI082	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #2 ZONE 5	MONITORING WELL	TBD	1		1	1		1														
5HI083	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #2 ZONE 6	MONITORING WELL	TBD	1		1	1		1														
5HI084	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #2 ZONE 7	MONITORING WELL	TBD	1		1	1		1														
5HI085	REG/QC	GROUND WATER	DUP		08/01/2002	INTEC	STRAD #2 ZONE 8	MONITORING WELL	TBD	2		2	2		2														

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

AT1: Gross Alpha/Beta
AT2: Geotechnical Analyses
AT3: Tritium
AT4: Sr-90
AT5: Radiochemistry - Suite 1
AT6: Iodine-129
AT7: Iodine-129 (low detection level)
AT8:
AT9:
AT10:
AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

UD Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC.

Analysis Suites:

Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, Iodine-129

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision: 7.0 Project: WAG 3 GROUP 5 HI INTERBED

Project Manager: FORSYTHE, H. S. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	R8	RB	RH	RI	UD													
5HI086	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #2 ZONE 9	MONITORING WELL	TBD	1		1	1		1														
5HI087	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #2 ZONE 10	MONITORING WELL	TBD	1		1	1		1														
5HI088	REG/QC	GROUND WATER	DUP		08/01/2002	INTEC	STRD #2 INT-1	MONITORING WELL	TBD							2													
5HI089	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #2 INT-2	MONITORING WELL	TBD							1													
5HI090	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #2 INT-3	MONITORIN WELL	TBD							1													
5HI091	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #3 ZONE 1	MONITORING WELL	TBD	1		1	1		1														
5HI092	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #3 ZONE 2	MONITORING WELL	TBD	1		1	1		1														
5HI093	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #3 ZONE 3	MONITORING WELL	TBD	1		1	1		1														
5HI094	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #3 ZONE 4	MONITORING WELL	TBD	1		1	1		1														
5HI095	REG/QC	GROUND WATER	DUP		08/01/2002	INTEC	STRAD #3 ZONE 5	MONITORING WELL	TBD	2		2	2		2														
5HI096	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #3 ZONE 6	MONITORING WELL	TBD	1		1	1		1														
5HI097	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #3 ZONE 7	MONITORING WELL	TBD	1		1	1		1														
5HI098	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #3 ZONE 8	MONITORING WELL	TBD	1		1	1		1														
5HI099	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRAD #3 ZONE 9	MONITORING WELL	TBD	1		1	1		1														
5HI100	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #3 ZONE 10	MONITORING WELL	TBD	1		1	1		1														
5HI101	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #3 INT-1	MONITORING WELL	TBD						1														
5HI102	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #3 INT-2	MONITORING WELL	TBD						1														

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

AT1: Gross Alpha/Beta
AT2: Geotechnical Analyses
AT3: Tritium
AT4: Sr-90
AT5: Radiochemistry - Suite 1
AT6: Iodine-129
AT7: Iodine-129 (low detection level)
AT8:
AT9:
AT10:

AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

"UD" Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC.

Analysis Suites:

Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, Iodine-129

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision: 7.0 Project: WAG 3 GROUP 5 HI INTERBED Project Manager: FORSYTHE, H. S. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coil Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	R8	RB	RH	RI	UD													
5HI103	REG	GROUND WATER	GRAB		08/01/2002	INTEC	STRD #3 INT-3	MONITORING WELL	TBD							1													
5HI104	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 1 HOUR-0	PUMP TEST	TBD	1		1	1		1														
5HI105	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 1 HOUR-4	PUMP TEST	TBD	1		1	1		1														
5HI106	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 1 HOUR-8	PUMP TEST	TBD	1		1	1		1														
5HI107	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 1 HOUR-12	PUMP TEST	TBD	1		1	1		1														
5HI108	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 1 HOUR-16	PUMP TEST	TBD	1		1	1		1														
5HI109	REG/QC	GROUND WATER	DUP		04/01/2003	INTEC	ZONE 1 HOUR-20	PUMP TEST	TBD	2		2	2		2														
5HI110	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 1 HOUR-24	PUMP TEST	TBD	1		1	1		1														
5HI111	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 2 HOUR-0	PUMP TEST	TBD	1		1	1		1														
5HI112	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 2 HOUR-4	PUMP TEST	TBD	1		1	1		1														
5HI113	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 2 HOUR-8	PUMP TEST	TBD	1		1	1		1														
5HI114	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 2 HOUR-12	PUMP TEST	TBD	1		1	1		1														
5HI115	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 2 HOUR-16	PUMP TEST	TBD	1		1	1		1														
5HI116	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 2 HOUR-20	PUMP TEST	TBD	1		1	1		1														
5HI117	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 2 HOUR-24	PUMP TEST	TBD	1		1	1		1														
5HI118	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 3 HOUR-0	PUMP TEST	TBD	1		1	1		1														
5HI119	REG/QC	GROUND WATER	DUP		04/01/2003	INTEC	ZONE 3 HOUR-4	PUMP TEST	TBD	2		2	2		2														

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

AT1: Gross Alpha/Beta
AT2: Geotechnical Analyses
AT3: Tritium
AT4: Sr-90
AT5: Radiochemistry - Suite 1
AT6: Iodine-129
AT7: Iodine-129 (low detection level)
AT8:
AT9:
AT10:

AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:
Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

"UD" Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC.

Analysis Suites:
Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, Iodine-129

Contingencies:

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision: 7.0 Project: WAG 3 GROUP 5 HI INTERBED

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Project Manager: FORSYTHE, H. S.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																					
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	R8	RB	RH	RI	UD													
5HI120	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 3 HOUR-8	PUMP TEST	TBD	1		1	1		1														
5HI121	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 3 HOUR-12	PUMP TEST	TBD	1		1	1		1														
5HI122	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 3 HOUR-16	PUMP TEST	TBD	1		1	1		1														
5HI123	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 3 HOUR-20	PUMP TEST	TBD	1		1	1		1														
5HI124	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 3 HOUR-24	PUMP TEST	TBD	1		1	1		1														
5HI125	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 4 HOUR-0	PUMP TEST	TBD	1		1	1		1														
5HI126	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 4 HOUR-4	PUMP TEST	TBD	1		1	1		1														
5HI127	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 4 HOUR-8	PUMP TEST	TBD	1		1	1		1														
5HI128	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 4 HOUR-12	PUMP TEST	TBD	1		1	1		1														
5HI129	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 4 HOUR-16	PUMP TEST	TBD	1		1	1		1														
5HI130	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 4 HOUR-20	PUMP TEST	TBD	1		1	1		1														
5HI131	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 4 HOUR-24	PUMP TEST	TBD	1		1	1		1														
5HI132	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 5 HOUR-0	PUMP TEST	TBD	1		1	1		1														
5HI133	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 5 HOUR-4	PUMP TEST	TBD	1		1	1		1														
5HI134	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 5 HOUR-8	PUMP TEST	TBD	1		1	1		1														
5HI135	REG/QC	GROUND WATER	DUP		04/01/2003	INTEC	ZONE 5 HOUR-12	PUMP TEST	TBD	1		1	1		1														
5HI136	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 5 HOUR-16	PUMP TEST	TBD	2		2	2		2														

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AT1: Gross Alpha/Beta

AT2: Geotechnical Analyses

AT3: Tritium

AT4: Sr-90

AT5: Radiochemistry - Suite 1

AT6: Iodine-129

AT7: Iodine-129 (low detection level)

AT8:

AT9:

AT10:

AT11:

AT12:

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

"UD" Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC

Analysis Suites:

Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, Iodine-129

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

Plan Table Number: WAG3 GROUP5 HI

SAP Number: DOE/ID-10784

Date: 06/24/2002 Plan Table Revision: 7.0 Project: WAG 3 GROUP 5 HI INTERBED

Project Manager: FORSYTHE, H. S.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Location	Type of Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										AB	GX	RB	RB	RH	RI	UD													
5HI137	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 5 HOUR-20	PUMP TEST	TBD	1		1	1		1														
5HI138	REG	GROUND WATER	GRAB		04/01/2003	INTEC	ZONE 5 HOUR-24	PUMP TEST	TBD	1		1	1		1														
5HI139	QC	WATER	FBLK		07/01/2002	INTEC	QC	FIELD BLANK	TBD	7		7	7		7														
5HI140	QC	WATER	RNST		07/01/2002	INTEC	QC	EQUIPMNT RINSTE	TBD	7		7	7		7														

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AT6: Iodine-129

AT7: Iodine-129 (low detection level)

AT8:

AT9:

AT10:

AT11:

AT12:

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AT14:

AT15:

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AT17:

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Comments:

Geotechnical analyses consists of bulk density, grain size distribution, porosity, and hydraulic conductivity.

UD Iodine-129 (low detection level) - Additional volume (total 12 liters) shall be collected for one sample per SDG to be used for laboratory QC

Analysis Suites:

Radiochemistry - Suite 1 includes: Gross Alpha, Gross Beta, Tritium, Iodine-129

Contingencies: