Table 2. YNPS Ground Water Analyses

Co-60, pCi/ml			Ag-108m, pCi/ml				Sr-90, pCi/ml				Sr-89, pCi/ml				H-3, pCi/ml				
Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	VFLAG
2.57E-03	1.06E-04	N													6.40E+06			Y	
															7.91E+07	5.70E+05	3.50E+05	Y	VV
															7.13E+07	5.40E+05	3.50E+05	Y	VV
1.40E-03	4.90E-03	N					-3.00E+02	4.00E+02	1.30E+03	N					5.17E+07	1.00E+06	8.10E+05	Y	VV
2.10E-03	7.40E-03	N													1.84E+07	6.40E+05	7.80E+05	Y	VV
															2.93E+07	8.00E+05	7.70E+05	Y	VV
															1.90E+07	6.60E+05	7.90E+05	Y	VV
1.30E-03	4.80E-03	N													1.04E+07	2.30E+05	3.50E+05	Y	VV
9.50E-04	4.20E-03	N													5.37E+06	4.20E+05	8.80E+05	Y	VV
1.70E-03	7.00E-03	Y													1.79E+06	1.50E+05	3.90E+05	Y	VX
2.70E-03	4.60E-03	Y													1.90E+06	1.50E+05	3.90E+05	Y	VX
6.90E-04	2.60E-03	Y																	VX
															9.60E+05	2.70E+05	8.20E+05	Y	VV
1.10E-03	3.70E-03	N													7.00E+05	1.10E+05	3.40E+05	Y	VV
8.90E-04	2.50E-03	N																	VV
1.67E-03	6.67E-03	N	-2.93E-04	8.16E-04	2.85E-03	N													VV
															1.98E+06	1.30E+05	3.10E+05	Y	VV
															2.03E+06	1.05E+05	3.10E+05	Y	V
2.40E-03	9.57E-03	N	-1.18E-03	1.59E-03	6.07E-03	N													VV
2.02E-03	7.31E-03	N																	V
															-1.60E+05	3.30E+05	1.20E+06	N	
															3.00E+05	1.10E+05	3.50E+05	N	VV
1.40E-03	5.20E-03	N					-2.40E+02	4.00E+02	1.40E+03	N					-1.50E+05	1.10E+05	3.90E+05	N	VV
1.70E-03	5.70E-03	N													1.70E+05	1.00E+05	3.30E+05	N	VV
1.30E-03	4.90E-03	N													2.40E+05	1.10E+05	3.40E+05	N	VV
1.40E-03	5.40E-03	N																	VV
1.00E-03	3.70E-03	N													-3.00E+04	1.10E+05	3.90E+05	N	VV
8.60E-04	3.20E-03	N													-5.00E+04	1.10E+05	3.70E+05	N	VV
															-1.60E+05	3.30E+05	1.20E+06	N	
2.17E-03	8.06E-03	N																	V
															3.04E+06	2.40E+05	6.60E+05	Y	VV
4.00E-03	1.50E-02	N																	VX
	6.42E-03	N																	VV
															1.90E+06	2.20E+05	6.10E+05	Y	VV
2.00E-03	7.70E-03	N													2.38E+06	2.40E+05	6.70E+05	Y	VV
1.60E-03	5.90E-03	N																	VV
2.30E-03	8.50E-03	N													7.00E+05	2.20E+05	6.10E+05	Y	VV
2.60E-03	9.40E-03	N													1.54E+05	9.30E+04	2.90E+05	N	VV
1.80E-03	7.80E-03	N													1.50E+04	9.80E+04	3.20E+05	N	VV
1.10E-03	4.50E-03	N													6.20E+04	9.10E+04	2.90E+05	N	VV
3.10E-03	1.50E-02	N													1.13E+06	1.20E+05	3.40E+05	Y	VV
2.90E-03	1.30E-02	N													1.77E+06	1.50E+05	4.00E+05	Y	VV
2.30E-03	8.60E-03	N													1.24E+06	1.20E+05	3.40E+05	Y	VV
1.30E-03	5.60E-03	N																	VV
3.10E-03	1.10E-02	N													1.49E+06	1.30E+05	3.30E+05	Y	VV
1.90E-03	9.30E-03	N													1.46E+06	1.30E+05	3.40E+05	Y	VV
2.70E-03	1.30E-02	N													1.04E+06	1.30E+05	3.60E+05	Y	VV
1.50E-03	6.30E-03	N													8.30E+05	1.10E+05	3.20E+05	Y	VV
2.50E-03	1.00E-02	N													1.27E+06	1.30E+05	3.50E+05	Y	VV

Table 2. YNPS Ground Water Analyses

Lab#	Field#	Date	Location	Lab Name	Sample Type	Comments	Site Coord (x - ft)	Site Coord (y - ft)	FSS Survey Area	Cs-134, pCi/ml Conc.	Error	MDC	detectable?	Cs-137, pCi/ml Conc.	Error	MDC	detectable?	Mn-54, pCi/ml Conc.	Error	MDC	detectable?	Conc.
39621	CB-2	11/12/97	IYA Roadway N. of OB	YAEL	C		-61.25	276.64	OG012	1.00E-03	1.30E-03	4.60E-03	N	1.00E-03	2.00E-03	7.40E-03	N	6.00E-04	1.50E-03	5.60E-03	N	2.00E-04
41110	CB-2	2/23/98	IYA Roadway N. of OB	DESEL	C		-61.25	276.64	OG012	9.00E-04	1.30E-03	4.00E-03	N	8.00E-04	1.50E-03	5.40E-03	N	-2.70E-03	1.30E-03	5.40E-03	N	1.40E-03
42519	CB-2	5/27/98	IYA Roadway N. of OB	DESEL	C		-61.25	276.64	OG012	6.00E-04	1.50E-03	5.20E-03	N	-1.60E-03	1.70E-03	7.30E-03	N	-2.40E-03	1.70E-03	7.00E-03	N	-6.00E-04
43996	CB-2	8/26/98	IYA Roadway N. of OB	DESEL	C		-61.25	276.64	OG012	0.00E+00	1.10E-03	4.00E-03	N	-1.60E-03	1.50E-03	6.00E-03	N	-8.00E-04	1.20E-03	4.70E-03	N	-1.50E-03
45457	CB-2	10/28/98	IYA Roadway N. of OB	DESEL	C		-61.25	276.64	OG012	-1.56E-03	8.00E-04	3.00E-03	N	0.00E+00	9.70E-04	3.50E-03	N	2.80E-04	8.00E-04	2.70E-03	N	-7.80E-04
47790	CB-2	3/2/99	IYA Roadway N. of OB	DESEL	C	Sample inadvertently contaminated; see Memo ESG 99-11	-61.25	276.64	OG012	8.00E-04	1.10E-03	3.40E-03	N	-1.40E-03	1.30E-03	4.80E-03	N	-7.20E-04	9.30E-04	3.40E-03	N	1.90E-02
48890	CB-2	3/2/99	IYA Roadway N. of OB	DESEL	C	Sample inadvertently contaminated; see Memo ESG 99-11	-61.25	276.64	OG012	1.90E-04	8.50E-04	2.70E-03	N	9.60E-04	8.60E-04	2.90E-03	N	-1.20E-04	8.50E-04	2.80E-03	N	1.74E-02
49059	CB-2	5/24/99	IYA Roadway N. of OB	DESEL	C		-61.25	276.64	OG012	1.00E-03	1.80E-03	6.00E-03	N	-3.00E-03	2.20E-03	8.50E-03	N	-6.00E-04	1.90E-03	6.70E-03	N	-3.10E-03
339501	CB-2	9/8/99	IYA Roadway N. of OB	YNPS	C		-61.25	276.64	OG012	3.46E-03	3.82E-03	1.39E-02	N	-1.66E-03	1.41E-03	5.87E-03	N	-5.82E-04	1.42E-03	5.42E-03	N	-3.88E-03
50970	CB-2	9/23/99	IYA Roadway N. of OB	DESEL	C		-61.25	276.64	OG012													
52565	CB-2	12/28/99	IYA Roadway N. of OB	DESEL	C		-61.25	276.64	OG012													
727407	CB-2	12/28/99	IYA Roadway N. of OB	YNPS	C		-61.25	276.64	OG012	-1.37E-02	5.68E-03	1.96E-02	N	-2.46E-04	1.79E-03	6.61E-03	N	-2.24E-03	1.92E-03	7.62E-03	N	-1.07E-03
448501	CB-2	7/19/00	IYA Roadway N. of OB	YNPS	C		-61.25	276.64	OG012	2.40E-03	1.79E-03	5.47E-03	N	-1.17E-03	1.61E-03	6.35E-03	N					3.30E-03
55379	CB-2	7/19/00	IYA Roadway N. of OB	DESEL	C		-61.25	276.64	OG012													
11112	CB-3	6/28/93	RYA E. of FPH Tk	YAEL	C	Unfiltered	-49.25	-278.38	YG003	-1.50E-03	1.20E-03	4.30E-03	N	2.50E-03	1.10E-03	3.10E-03	N	2.00E-04	1.00E-03	3.20E-03	N	1.00E-03
11735	CB-3	6/28/93	RYA E. of FPH Tk	YAEL	I	Filtered Solids of CB-3 LSN 11112	-49.25	-278.38	YG003	1.00E-04	1.40E-03	4.40E-03	N	1.40E-03	1.30E-03	3.70E-03	N	-9.00E-04	1.30E-03	4.10E-03	N	1.40E-03
4572	CB-3	6/28/93	RYA E. of FPH Tk	YNPS	C	YNPS lab did not provide concentrations for levels <MDC or MDC, if concentration was detectable	-49.25	-278.38	YG003			1.04E-02	N			1.09E-02	N			9.45E-03	N	
16305	CB-3	4/27/94	RYA E. of FPH Tk	YAEL	C	H-3 analysis only	-49.25	-278.38	YG003													
17877	CB-3	7/22/94	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	1.70E-03	1.40E-03	4.40E-03	N	-1.20E-03	1.40E-03	4.60E-03	N	9.00E-04	1.30E-03	3.80E-03	N	1.60E-03
19334	CB-3	10/4/94	RYA E. of FPH Tk	YAEL	C	H-3 sample re-analyzed to achieve a detection sensitivity of 400 pCi/Kg as requested by E. Cumming on 1/18/95.	-49.25	-278.38	YG003	-5.00E-04	1.30E-03	4.60E-03	N	1.50E-03	1.10E-03	3.00E-03	N	0.00E+00	1.10E-03	3.30E-03	N	2.00E-04
20997	CB-3	1/5/95	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	-1.00E-04	2.00E-03	6.90E-03	N	2.00E-03	1.60E-03	4.40E-03	N	4.00E-04	1.90E-03	5.70E-03	N	1.00E-03
22613	CB-3	4/5/95	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	1.20E-03	1.10E-03	3.90E-03	N	1.10E-03	1.40E-03	5.00E-03	N	-1.10E-03	1.10E-03	4.40E-03	N	6.00E-04
23740	CB-3	5/31/95	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	-2.30E-03	2.80E-03	1.00E-02	N	2.00E-04	1.20E-03	4.60E-03	N	-1.10E-03	1.00E-03	3.90E-03	N	-1.30E-03
25947	CB-3	10/5/95	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	-1.30E-03	2.20E-03	9.00E-03	N	-6.00E-04	1.80E-03	7.20E-03	N	-9.00E-04	1.90E-03	7.90E-03	N	-1.00E-03
27506	CB-3	1/11/96	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	5.00E-04	2.10E-03	8.10E-03	N	2.20E-03	2.10E-03	7.70E-03	N	-1.90E-03	2.10E-03	9.00E-03	N	1.20E-03
29035	CB-3	4/24/96	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	1.70E-03	1.40E-03	4.90E-03	N	-1.00E-04	1.60E-03	6.00E-03	N	0.00E+00	1.30E-03	4.70E-03	N	1.10E-03
30227	CB-3	7/1/96	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	0.00E+00	1.10E-03	4.40E-03	N	-3.00E-04	1.20E-03	4.90E-03	N	-4.00E-04	1.20E-03	4.40E-03	N	1.80E-03
31298	CB-3	8/21/96	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	-2.50E-03	1.60E-03	7.70E-03	N	-7.00E-04	1.80E-03	8.10E-03	N	-2.40E-03	2.10E-03	1.00E-02	N	2.00E-04
31830	CB-3	9/30/96	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	1.90E-03	2.10E-03	7.10E-03	N	-3.00E-04	2.40E-03	1.00E-02	N	-1.70E-03	1.90E-03	8.10E-03	N	1.20E-03
34792	CB-3	3/19/97	RYA E. of FPH Tk	YAEL	C	Filtrate of CB-3	-49.25	-278.38	YG003	-2.40E-03	2.30E-03	1.00E-02	N	-4.10E-03	1.90E-03	1.00E-02	N	2.90E-03	2.20E-03	7.00E-03	N	1.80E-03
37362	CB-3	8/20/97	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	2.00E-04	1.60E-03	5.50E-03	N	-5.00E-04	1.40E-03	5.60E-03	N	-1.00E-04	1.10E-03	4.30E-03	N	1.10E-03
39617	CB-3	11/11/97	RYA E. of FPH Tk	YAEL	C		-49.25	-278.38	YG003	1.00E-03	1.50E-03	5.80E-03	N	-6.00E-04	1.90E-03	8.30E-03	N	-2.20E-03	2.00E-03	8.60E-03	N	1.80E-03
41098	CB-3	2/25/98	RYA E. of FPH Tk	DESEL	C		-49.25	-278.38	YG003	-1.20E-03	1.60E-03	5.90E-03	N	1.20E-03	2.20E-03	8.00E-03	N	1.70E-03	1.60E-03	5.30E-03	N	-7.00E-04
43997	CB-3	8/26/98	RYA E. of FPH Tk	DESEL	C		-49.25	-278.38	YG003	-1.00E-04	1.30E-03	4.50E-03	N	-1.00E-03	1.30E-03	5.20E-03	N	-3.20E-03	1.40E-03	5.90E-03	N	8.00E-04
49106	CB-3	5/25/99	RYA E. of FPH Tk	DESEL	C		-49.25	-278.38	YG003	-1.47E-03	9.50E-04	3.50E-03	N	-1.40E-03	1.00E-03	4.00E-03	N	-2.33E-03	8.50E-04	3.50E-03	N	-4.50E-04
55402	CB-3	7/24/00	RYA E. of FPH Tk	DESEL	C		-49.25	-278.38	YG003													
11113	CB-4	6/28/93	SLFI	YAEL	C	H-3 analysis only	-655.61	615.29	SS018													
11736	CB-4	6/28/93	SLFI	YAEL	I	Filtered Solids of CB-4 LSN 11113	-655.61	615.29	SS018	-4.10E-03	6.30E-03	2.20E-02	N	-2.10E-03	5.80E-03	1.90E-02	N	2.60E-03	5.60E-03	1.70E-02	N	1.20E-03
4603	CB-4	6/30/93	SLFI	YNPS	C	YNPS lab did not provide concentrations for levels <MDC or MDC, if concentration was detectable	-655.61	615.29	SS018			6.71E-03	N			7.14E-03	N			7.14E-03	N	
16308	CB-4	4/28/94	SLFI	YAEL	C	H-3 analysis only	-655.61	615.29	SS018													
17881	CB-4	7/26/94	SLFI	YAEL	C	1997 reanalyzed as 34478	-655.61	615.29	SS018	-6.00E-05	9.80E-04	3.40E-03	N	-1.73E-03	8.20E-04	2.80E-03	N	-2.07E-03	7.90E-04	2.80E-03	N	1.00E-04
34478	CB-4	7/26/94	SLFI	YAEL	CQA	reanalysis of 17881	-655.61	615.29	SS018	1.47E-03	9.80E-04	3.00E-03	N	1.50E-04	4.90E-04	1.70E-03	N	5.00E-04	3.50E-03	1.10E-02	N	8.30E-04
19417	CB-4	10/6/94	SLFI	YAEL	C	H-3 sample re-analyzed to achieve a detection sensitivity of 400 pCi/Kg as requested by E. Cumming on 1/18/95.	-655.61	615.29	SS018	-9.00E-04	2.00E-03	7.20E-03	N	9.00E-04	1.90E-03	5.70E-03	N	3.00E-04	1.70E-03	5.20E-03	N	-1.80E-03
20992	CB-4	1/6/95	SLFI	YAEL	C		-655.61	615.29	SS018	-1.30E-03	2.00E-03	7.20E-03	N	1.30E-03	2.10E-03	6.40E-03	N	-2.00E-04	1.90E-03	6.10E-03	N	1.30E-03
22491	CB-4	4/6/95	SLFI	YAEL	C		-655.61	615.29	SS018	-6.30E-03	4.10E-03	1.40E-02	N	1.90E-03	2.20E-03	8.40E-03	N	-3.00E-04	1.00E-03	3.50E-03	N	-4.00E-04
23726	CB-4	6/1/95	SLFI	YAEL	C		-655.61	615.29	SS018	5.80E-03	4.50E-03	1.50E-02	N	-2.10E-03	1.30E-03	5.30E-03	N	-1.00E-04	1.20E-03	4.30E-03	N	1.20E-03

Table 2. YNPS Ground Water Analyses

Co-60, pCi/ml			Ag-108m, pCi/ml				Sr-90, pCi/ml				Sr-89, pCi/ml				H-3, pCi/ml				
Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	VFLAG
2.10E-03	8.70E-03	N					2.80E+02	3.90E+02	1.30E+03	N	1.90E+03	1.60E+03	5.80E+03	N	1.13E+06	1.20E+05	3.50E+05	Y	VV
1.20E-03	4.00E-03	N					-1.50E+02	4.30E+02	1.40E+03	N					1.15E+06	2.70E+05	8.00E+05	Y	VV
2.00E-03	8.40E-03	N													9.70E+05	1.20E+05	3.60E+05	Y	VV
1.10E-03	5.10E-03	N													1.03E+06	1.20E+05	3.50E+05	Y	VV
8.20E-04	3.20E-03	N													1.18E+06	2.90E+05	8.70E+05	Y	VV
1.70E-03	4.80E-03	Y													6.50E+05	1.10E+05	3.40E+05	Y	VX
1.30E-03	5.00E-03	Y																	VX
2.20E-03	9.00E-03	N													1.04E+06	2.50E+05	7.30E+05	Y	VV
1.97E-03	8.76E-03	N	-3.92E-04	1.03E-03	3.80E-03	N													VV
															1.28E+06	1.20E+05	3.10E+05	Y	VV
															1.09E+06	1.01E+05	3.12E+05	Y	V
2.30E-03	8.77E-03	N	-1.44E-03	1.67E-03	6.35E-03	N													VV
1.81E-03	5.68E-03	N																	V
															7.60E+05	3.60E+05	1.20E+06	N	
1.20E-03	3.90E-03	N													3.80E+05	2.10E+05	6.70E+05	N	VV
2.00E-03	7.30E-03	N																	VX
	1.04E-02	N			8.45E-03	N													VV
															1.70E+05	1.90E+05	6.00E+05	N	VV
1.40E-03	4.00E-03	N													-7.00E+04	2.00E+05	6.60E+05	N	VV
1.10E-03	3.70E-03	N													3.50E+04	9.70E+04	3.20E+05	N	VV
2.10E-03	6.40E-03	N													2.20E+04	9.50E+04	3.10E+05	N	VV
1.20E-03	4.60E-03	N													-2.80E+04	9.70E+04	3.20E+05	N	VV
1.30E-03	5.30E-03	N													-3.20E+04	8.90E+04	3.00E+05	N	VV
1.90E-03	8.70E-03	N													6.00E+04	1.00E+05	3.40E+05	N	VV
1.60E-03	6.30E-03	N													1.50E+05	1.20E+05	3.90E+05	N	VV
1.30E-03	4.40E-03	N													8.00E+04	1.10E+05	3.40E+05	N	VV
1.40E-03	4.50E-03	N													2.00E+04	1.00E+05	3.40E+05	N	VV
1.80E-03	7.90E-03	N													-2.00E+04	1.00E+05	3.30E+05	N	VV
2.60E-03	1.00E-02	N													2.10E+04	9.80E+04	3.20E+05	N	VV
2.50E-03	1.00E-02	N													0.00E+00	1.10E+05	3.50E+05	N	VV
1.20E-03	4.10E-03	N													1.60E+05	1.10E+05	3.50E+05	N	VV
2.50E-03	1.00E-02	N					-1.11E+03	4.10E+02	1.40E+03	N	-3.70E+03	1.50E+03	5.70E+03	N	2.90E+05	1.10E+05	3.40E+05	N	VV
1.90E-03	7.90E-03	N					1.20E+02	3.50E+02	1.20E+03	N					0.00E+00	1.10E+05	3.80E+05	N	VV
1.60E-03	6.00E-03	N													1.20E+05	1.00E+05	3.40E+05	N	VV
9.10E-04	3.50E-03	N													2.90E+05	1.20E+05	3.70E+05	N	VV
															-3.20E+05	3.30E+05	1.20E+06	N	
															1.80E+05	2.00E+05	6.50E+05	N	VV
9.10E-03	3.50E-02	N																	VX
	7.75E-03	N			6.42E-03	N													VV
															2.10E+05	1.90E+05	6.00E+05	N	VV
1.00E-03	3.30E-03	N													-2.00E+04	2.00E+05	6.60E+05	N	VV
7.40E-04	2.50E-03	N																	VV
2.10E-03	7.70E-03	N													1.70E+04	9.30E+04	3.10E+05	N	VV
2.40E-03	8.50E-03	N													4.60E+04	8.90E+04	2.90E+05	N	VV
1.20E-03	4.30E-03	N													-1.90E+05	9.30E+04	3.20E+05	N	VV
1.40E-03	4.80E-03	N													-1.29E+05	8.80E+04	3.00E+05	N	VV

Lab#	Field#	Date	Location	Lab Name	Sample Type	Comments	Site Coord (x - ft)	Site Coord (y - ft)	FSS Survey Area	Cs-134, pCi/ml Conc.	Error	MDC	detectable?	Cs-137, pCi/ml Conc.	Error	MDC	detectable?	Mn-54, pCi/ml Conc.	Error	MDC	detectable?	Conc.
25948	CB-4	10/4/95	SLFI	YAEL	C		-655.61	615.29	SS018	-3.90E-03	2.00E-03	8.90E-03	N	-3.70E-03	1.90E-03	9.10E-03	N	9.00E-04	1.70E-03	6.40E-03	N	-4.90E-03
27420	CB-4	1/11/96	SLFI	YAEL	C		-655.61	615.29	SS018	3.90E-03	2.30E-03	7.70E-03	N	4.00E-03	2.40E-03	7.90E-03	N	-1.40E-03	2.10E-03	8.50E-03	N	-4.00E-04
28663	CB-4	4/3/96	SLFI	YAEL	C		-655.61	615.29	SS018	1.01E-03	8.60E-04	3.00E-03	N	-1.00E-03	1.80E-03	7.10E-03	N	-1.39E-03	8.30E-04	2.90E-03	N	-4.00E-05
30189	CB-4	7/2/96	SLFI	YAEL	C		-655.61	615.29	SS018	4.00E-04	1.40E-03	4.80E-03	N	-3.00E-04	1.40E-03	5.20E-03	N	-1.50E-03	1.40E-03	4.50E-03	N	2.00E-04
31230	CB-4	8/22/96	SLFI	YAEL	C		-655.61	615.29	SS018	-1.10E-03	1.70E-03	6.00E-03	N	0.00E+00	1.50E-03	5.90E-03	N	-2.40E-03	1.50E-03	6.20E-03	N	-9.00E-04
31842	CB-4	10/1/96	SLFI	YAEL	C		-655.61	615.29	SS018	-1.60E-03	1.50E-03	6.00E-03	N	4.00E-04	1.40E-03	5.60E-03	N	-1.10E-03	1.60E-03	6.40E-03	N	-2.60E-03
34293	CB-4	2/13/97	SLFI	YAEL	C		-655.61	615.29	SS018	1.00E-03	1.90E-03	6.50E-03	N	-2.00E-03	2.60E-03	1.10E-02	N	-1.70E-03	1.10E-03	6.30E-03	N	-3.00E-03
34793	CB-4	3/20/97	SLFI	YAEL	C	Filtrate of CB-4	-655.61	615.29	SS018	-2.10E-03	1.30E-03	5.40E-03	N	-1.20E-03	1.20E-03	5.50E-03	N	-7.00E-04	1.00E-03	4.40E-03	N	-1.10E-03
37368	CB-4	8/20/97	SLFI	YAEL	C		-655.61	615.29	SS018	2.90E-03	1.90E-03	5.60E-03	N	2.00E-04	2.90E-03	1.10E-02	N	4.00E-04	1.80E-03	6.80E-03	N	-1.00E-04
39622	CB-4	11/12/97																				
41107	CB-4	2/23/98	SLFI	DESEL	C		-655.61	615.29	SS018	-9.00E-04	1.50E-03	5.70E-03	N	-2.50E-03	2.20E-03	8.80E-03	N	1.50E-03	1.70E-03	5.50E-03	N	3.70E-03
43998	CB-4	8/27/98	SLFI	DESEL	C		-655.61	615.29	SS018	7.00E-04	1.20E-03	3.80E-03	N	-2.50E-03	1.00E-03	4.40E-03	N	-1.70E-03	1.00E-03	3.90E-03	N	9.00E-04
49060	CB-4	5/24/99	SLFI	DESEL	C		-655.61	615.29	SS018	1.00E-04	1.30E-03	4.60E-03	N	1.90E-03	1.50E-03	5.10E-03	N	-1.00E-03	1.30E-03	5.10E-03	N	3.00E-03
55397	CB-4	7/25/00	SLFI	DESEL	C		-655.61	615.29	SS018													
19335	CB-5	10/5/94	SCFA	YAEL	C	H-3 Sample re-analyzed to achieve a detection sensitivity of 400 pCi/kg as requested by E. Cumming on 1/18/95.	431.27	-669.91	OG080	1.70E-03	1.30E-03	4.00E-03	N	1.30E-03	1.30E-03	3.80E-03	N	-0.00E-01	1.10E-03	3.50E-03	N	-5.00E-04
20993	CB-5	1/6/95	SCFA	YAEL	C		431.27	-669.91	OG080	-9.00E-04	2.10E-03	7.30E-03	N	-4.40E-03	1.70E-03	6.30E-03	N	1.00E-04	1.50E-03	4.70E-03	N	4.00E-04
22492	CB-5	4/6/95	SCFA	YAEL	C		431.27	-669.91	OG080	4.40E-03	1.60E-03	5.90E-03	N	-1.74E-03	6.30E-04	2.30E-03	N	-2.30E-04	5.70E-04	2.00E-03	N	8.60E-04
23727	CB-5	6/1/95	SCFA	YAEL	C		431.27	-669.91	OG080	4.30E-03	3.90E-03	1.40E-02	N	-5.00E-04	1.30E-03	4.70E-03	N	5.00E-04	1.10E-03	3.70E-03	N	2.70E-03
25949	CB-5	10/4/95	SCFA	YAEL	C		431.27	-669.91	OG080	3.90E-03	2.80E-03	1.00E-02	N	1.20E-03	2.40E-03	9.40E-03	N	-2.50E-03	1.90E-03	8.90E-03	N	-2.40E-03
27421	CB-5	1/11/96	SCFA	YNPS	C		431.27	-669.91	OG080	-4.00E-04	2.30E-03	9.20E-03	N	-1.00E-04	2.00E-03	8.30E-03	N	2.00E-03	2.00E-03	7.00E-03	N	2.80E-03
28664	CB-5	4/3/96	SCFA	YAEL	C		431.27	-669.91	OG080	2.20E-03	3.40E-03	1.20E-02	N	-2.10E-03	1.10E-03	4.30E-03	N	-7.00E-04	1.00E-03	3.70E-03	N	-1.16E-03
30190	CB-5	7/2/96	SCFA	YAEL	C		431.27	-669.91	OG080	1.70E-03	1.50E-03	4.90E-03	N	-3.80E-03	1.50E-03	6.80E-03	N	1.50E-03	1.30E-03	4.10E-03	N	1.00E-04
31231	CB-5	8/22/96	SCFA	YAEL	C		431.27	-669.91	OG080	-4.40E-03	2.70E-03	1.20E-02	N	1.10E-03	2.90E-03	1.10E-02	N	-4.90E-03	2.30E-03	1.10E-02	N	1.00E-04
31843	CB-5	10/1/96	SCFA	YAEL	C		431.27	-669.91	OG080	0.00E+00	1.80E-03	6.90E-03	N	1.20E-03	2.20E-03	8.70E-03	N	5.30E-03	2.50E-03	6.20E-03	N	0.00E+00
34294	CB-5	2/13/97	SCFA	YAEL	C		431.27	-669.91	OG080	0.00E+00	2.10E-03	7.50E-03	N	3.50E-03	2.50E-03	8.40E-03	N	1.50E-03	2.10E-03	7.20E-03	N	0.00E+00
37369	CB-5	8/20/97	SCFA	YAEL	C		431.27	-669.91	OG080	2.00E-04	1.20E-03	4.20E-03	N	1.40E-03	1.30E-03	4.60E-03	N	-2.10E-03	1.10E-03	4.90E-03	N	7.00E-04
39629	CB-5	11/20/97	SCFA	YAEL	C		431.27	-669.91	OG080	-1.50E-03	1.30E-03	5.60E-03	N	-4.80E-03	2.50E-03	1.10E-02	N	-2.30E-03	1.40E-03	7.10E-03	N	-1.00E-03
41106	CB-5	2/23/98	SCFA	DESEL	C		431.27	-669.91	OG080	-1.57E-03	9.80E-04	3.80E-03	N	-7.00E-04	1.20E-03	4.60E-03	N	-1.90E-03	1.10E-03	4.30E-03	N	0.00E+00
43999	CB-5	8/27/98	SCFA	DESEL	C		431.27	-669.91	OG080	1.40E-03	1.10E-03	3.40E-03	N	-2.40E-03	1.60E-03	6.60E-03	N	-3.40E-03	1.70E-03	6.70E-03	N	4.00E-04
49061	CB-5	5/24/99	SCFA	DESEL	C		431.27	-669.91	OG080	-5.10E-04	8.30E-04	2.90E-03	N	-7.80E-04	9.20E-04	3.60E-03	N	-6.30E-04	7.70E-04	2.90E-03	N	0.00E+00
438502	CB-5	7/17/00	SCFA	YNPS	C		431.27	-669.91	OG080	-5.28E-03	9.95E-03	3.37E-02	N	4.34E-03	4.14E-03	1.46E-02	N	-2.91E-03	2.40E-03	9.24E-03	N	-1.32E-03
55393	CB-5	7/17/00	SCFA	DESEL	C		431.27	-669.91	OG080													
19414	CB-6	10/5/94	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	-1.30E-03	1.90E-03	6.30E-03	N	-1.60E-03	1.50E-03	5.20E-03	N	1.60E-03	1.30E-03	3.70E-03	N	4.00E-04
20994	CB-6	1/6/95	USA by Sherman Dam	YAEL	C	Results questioned; resampled 1/26/95 (21360)	-128.58	409.48	OG001	-4.80E-03	2.70E-03	1.00E-02	N	2.70E-02	3.80E-03	6.40E-03	Y	3.30E-03	2.80E-03	8.90E-03	N	9.05E-02
21207	CB-6	1/6/95	USA by Sherman Dam	YAEL	C	Filtrate of CB-6 - REF. 020994 sample filtered through Watman 54 filter paper (20-25 microns).	-128.58	409.48	OG001	1.90E-03	1.60E-03	4.90E-03	N	1.50E-03	1.40E-03	4.10E-03	N	1.70E-03	1.40E-03	3.90E-03	N	1.20E-03
21360	CB-6	1/27/95	USA by Sherman Dam	YAEL	C	Reanalysis due to questioned results for 20994	-128.58	409.48	OG001	-2.80E-03	2.60E-03	1.00E-02	N	-2.80E-03	2.50E-03	1.00E-02	N	-2.90E-03	3.70E-03	1.40E-02	N	4.10E-03
22493	CB-6	4/6/95	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	-6.10E-03	2.20E-03	7.80E-03	N	-9.40E-04	7.60E-04	2.90E-03	N	-5.20E-04	6.80E-04	2.40E-03	N	-3.00E-04
23728	CB-6	6/1/95	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	5.00E-04	3.70E-03	1.30E-02	N	-1.70E-03	1.00E-03	3.70E-03	N	-1.77E-03	9.70E-04	3.70E-03	N	2.30E-03
25950	CB-6	10/4/95	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	-2.90E-03	2.40E-03	1.00E-02	N	1.00E-04	2.60E-03	1.10E-02	N	-6.00E-04	2.50E-03	1.00E-02	N	-2.90E-03
27422	CB-6	1/11/96	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	-2.00E-03	1.90E-03	8.40E-03	N	7.00E-04	1.70E-03	6.70E-03	N	-1.90E-03	1.70E-03	7.80E-03	N	-4.00E-04
28665	CB-6	4/3/96	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	-1.68E-03	9.30E-04	3.40E-03	N	7.00E-04	2.00E-03	7.60E-03	N	-5.50E-04	8.20E-04	2.80E-03	N	-1.40E-03
30191	CB-6	7/2/96	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	6.00E-04	1.80E-03	6.00E-03	N	2.60E-03	2.30E-03	7.70E-03	N	-5.50E-03	1.90E-03	7.40E-03	N	1.20E-03
31232	CB-6	8/22/96	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	-4.00E-04	1.60E-03	5.60E-03	N	-4.40E-03	1.80E-03	8.00E-03	N	-1.90E-03	1.60E-03	6.30E-03	N	-7.00E-04
31844	CB-6	10/1/96	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	2.20E-03	1.50E-03	4.70E-03	N	3.00E-04	1.60E-03	6.30E-03	N	-1.00E-04	1.70E-03	6.20E-03	N	3.30E-03
34295	CB-6	2/13/97	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	-3.60E-03	4.20E-03	1.50E-02	N	1.90E-03	1.40E-03	4.50E-03	N	9.00E-04	1.30E-03	4.50E-03	N	3.40E-04
34794	CB-6	3/20/97	USA by Sherman Dam	YAEL	C	Filtrate of CB-6	-128.58	409.48	OG001	-7.00E-04	1.30E-03	4.80E-03	N	-3.00E-04	1.20E-03	4.90E-03	N	-4.00E-04	1.30E-03	5.10E-03	N	-1.10E-03
34797	CB-6	3/20/97	USA by Sherman Dam	YAEL	CQA	Blind duplicate of Filtrate of CB-6 numbered CB-X	-128.58	409.48	OG001	-1.80E-03	1.20E-03	5.40E-03	N	-1.60E-03	1.50E-03	6.30E-03	N	-4.00E-04	1.00E-03	4.20E-03	N	1.90E-03

Table 2. YNPS Ground Water Analyses

Co-60, pCi/ml			Ag-108m, pCi/ml				Sr-90, pCi/ml				Sr-89, pCi/ml				H-3, pCi/ml				
Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	VFLAG
2.90E-03	1.30E-02	N													-4.00E+04	1.00E+05	3.40E+05	N	VV
1.60E-03	7.90E-03	N													1.00E+04	1.10E+05	3.50E+05	N	VV
9.30E-04	3.30E-03	N													-1.10E+05	1.10E+05	3.60E+05	N	VV
1.50E-03	5.00E-03	N													-3.00E+04	1.10E+05	3.50E+05	N	VV
1.90E-03	7.60E-03	N													-1.10E+05	1.10E+05	3.60E+05	N	VV
1.80E-03	8.20E-03	N													-2.00E+04	1.00E+05	3.40E+05	N	VV
1.70E-03	8.90E-03	N													9.00E+04	1.10E+05	3.50E+05	N	VV
1.30E-03	6.00E-03	N													7.00E+04	1.10E+05	3.60E+05	N	VV
1.90E-03	8.40E-03	N													1.30E+05	1.00E+05	3.40E+05	N	VV
							1.00E+02	3.80E+02	1.30E+03	N	-3.40E+03	1.70E+03	6.20E+03	N					
1.90E-03	5.70E-03	N					1.20E+02	3.80E+02	1.30E+03	N					-1.20E+05	1.10E+05	3.80E+05	N	VV
1.20E-03	4.20E-03	N													-1.70E+04	8.80E+04	3.00E+05	N	VV
2.00E-03	6.70E-03	N													5.00E+04	1.00E+05	3.40E+05	N	VV
															2.20E+05	3.30E+05	1.10E+06	N	
1.30E-03	4.30E-03	N													5.50E+04	9.70E+04	3.20E+05	N	VV
1.60E-03	5.10E-03	N													2.20E+04	9.50E+04	3.10E+05	N	VV
6.90E-04	2.40E-03	N													-3.70E+04	9.70E+04	3.20E+05	N	VV
1.30E-03	4.00E-03	N													-2.40E+04	8.70E+04	2.90E+05	N	VV
3.00E-03	1.40E-02	N													-6.00E+04	1.10E+05	3.50E+05	N	VV
2.20E-03	7.50E-03	N													4.00E+04	1.00E+05	3.40E+05	N	VV
9.50E-04	3.70E-03	N													-3.00E+04	1.10E+05	3.50E+05	N	VV
1.60E-03	5.70E-03	N													3.00E+04	1.10E+05	3.50E+05	N	VV
2.10E-03	1.00E-02	N													-7.00E+04	1.10E+05	3.60E+05	N	VV
1.60E-03	8.30E-03	N													7.00E+04	1.10E+05	3.40E+05	N	VV
2.60E-03	1.00E-02	N													1.10E+05	1.10E+05	3.50E+05	N	VV
1.00E-03	3.80E-03	N													6.00E+04	1.00E+05	3.40E+05	N	VV
2.40E-03	1.00E-02	N					-7.20E+02	4.30E+02	1.40E+03	N	-2.50E+03	2.00E+03	7.30E+03	N	2.00E+05	1.00E+05	3.30E+05	N	VV
1.00E-03	3.90E-03	N					-1.00E+01	3.60E+02	1.20E+03	N					-1.30E+05	1.10E+05	3.90E+05	N	VV
1.90E-03	7.00E-03	N																	VV
9.30E-04	3.40E-03	N													8.00E+04	1.00E+05	3.40E+05	N	VV
2.61E-03	1.01E-02	N																	V
															0.00E+00	3.40E+05	1.20E+06	N	
1.30E-03	4.10E-03	N													1.14E+06	2.30E+05	5.90E+05	Y	VV
7.00E-03	5.30E-03	Y													8.00E+05	1.10E+05	3.00E+05	Y	VX
1.40E-03	4.20E-03	N																	VV
3.00E-03	1.00E-02	N													6.56E+05	7.10E+04	2.00E+05	Y	VV
8.60E-04	3.20E-03	N													5.80E+05	1.10E+05	3.20E+05	Y	VV
1.00E-03	3.20E-03	N													4.72E+05	9.80E+04	2.90E+05	Y	VV
2.60E-03	1.30E-02	N													4.50E+05	1.20E+05	3.50E+05	Y	VV
1.60E-03	7.90E-03	N													5.80E+05	1.20E+05	3.50E+05	Y	VV
1.00E-03	3.90E-03	N													4.80E+05	1.20E+05	3.50E+05	Y	VV
1.60E-03	5.70E-03	N													2.20E+05	1.10E+05	3.30E+05	N	VV
1.50E-03	6.40E-03	N													5.20E+05	1.20E+05	3.50E+05	Y	VV
1.60E-03	4.40E-03	N													7.40E+05	1.20E+05	3.40E+05	Y	VV
9.80E-04	3.80E-03	N													4.30E+05	1.20E+05	3.60E+05	Y	VV
1.20E-03	5.60E-03	N													2.60E+05	1.10E+05	3.40E+05	N	VV
1.30E-03	4.30E-03	N													2.00E+05	1.10E+05	3.60E+05	N	VV

Table 2. YNPS Ground Water Analyses

Lab#	Field#	Date	Location	Lab Name	Sample Type	Comments	Site Coord (x - ft)	Site Coord (y - ft)	FSS Survey Area	Cs-134, pCi/ml Conc.	Error	MDC	detectable?	Cs-137, pCi/ml Conc.	Error	MDC	detectable?	Mn-54, pCi/ml Conc.	Error	MDC	detectable?	Conc.
37366	CB-6	8/20/97	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	9.00E-04	1.70E-03	5.60E-03	N	2.40E-03	1.60E-03	5.10E-03	N	-1.60E-03	1.00E-03	4.90E-03	N	8.00E-04
39623	CB-6	11/12/97	USA by Sherman Dam	YAEL	C		-128.58	409.48	OG001	-7.00E-04	1.70E-03	6.60E-03	N	4.00E-04	1.30E-03	5.20E-03	N	7.00E-04	1.10E-03	4.10E-03	N	0.00E+00
41108	CB-6	2/23/98	USA by Sherman Dam	DESEL	C		-128.58	409.48	OG001	3.00E-04	1.10E-03	3.90E-03	N	1.40E-03	1.30E-03	4.30E-03	N	3.00E-04	1.30E-03	4.30E-03	N	2.50E-04
42520	CB-6	5/27/98	USA by Sherman Dam	DESEL	C		-128.58	409.48	OG001	-7.00E-04	1.20E-03	4.60E-03	N	-3.90E-03	2.10E-03	9.40E-03	N	2.00E-03	1.60E-03	5.10E-03	N	2.00E-04
44000	CB-6	8/27/98	USA by Sherman Dam	DESEL	C		-128.58	409.48	OG001	-7.00E-04	1.70E-03	6.10E-03	N	-1.40E-03	1.50E-03	6.40E-03	N	-1.10E-03	1.20E-03	4.90E-03	N	3.00E-04
47791	CB-6	3/2/99	USA by Sherman Dam	DESEL	C		-128.58	409.48	OG001													
49107	CB-6	5/25/99	USA by Sherman Dam	DESEL	C		-128.58	409.48	OG001	4.00E-04	1.30E-03	4.20E-03	N	-1.90E-03	1.70E-03	6.70E-03	N	1.50E-03	1.50E-03	4.80E-03	N	1.90E-03
50962	CB-6	9/8/99	USA by Sherman Dam	DESEL	C		-128.58	409.48	OG001													
52566	CB-6	12/28/99	USA by Sherman Dam	DESEL	C		-128.58	409.48	OG001													
377102	CB-6	12/28/99	USA by Sherman Dam	YNPS	C		-128.58	409.48	OG001	6.98E-04	1.69E-03	5.86E-03	N	-2.78E-03	2.00E-03	7.95E-03	N	2.66E-03	1.98E-03	6.63E-03	N	-8.83E-04
55377	CB-6	7/25/00	USA by Sherman Dam	DESEL	C		-128.58	409.48	OG001													
33972	CB-7	1/15/97	PCAW	YAEL	C		24.02	-181.00	WD001	-4.00E-04	1.30E-03	4.90E-03	N	-5.00E-04	1.30E-03	5.00E-03	N	1.00E-04	1.10E-03	4.10E-03	N	1.00E-03
34795	CB-7	3/18/97	PCAW	YAEL	C	Filtrate of CB-7	24.02	-181.00	WD001	8.00E-04	2.20E-03	7.60E-03	N	1.10E-03	2.90E-03	1.10E-02	N	3.00E-04	2.50E-03	9.10E-03	N	8.00E-04
34799	CB-7	3/18/97	PCAW	YAEL	I	Filtered Solids of CB-7	24.02	-181.00	WD001	-1.50E-04	4.90E-04	2.10E-03	N	-1.80E-04	5.40E-04	2.40E-03	N	3.20E-04	6.50E-04	2.40E-03	N	7.10E-04
37359	CB-7	8/19/97	PCAW	YAEL	C		24.02	-181.00	WD001	1.60E-03	1.30E-03	4.20E-03	N	-2.50E-03	1.40E-03	6.20E-03	N	2.00E-04	1.10E-03	4.20E-03	N	-6.00E-04
39620	CB-7	11/12/97	PCAW	YAEL	C		24.02	-181.00	WD001	-1.70E-03	2.00E-03	8.30E-03	N	-1.20E-03	1.50E-03	6.80E-03	N	-3.20E-03	1.70E-03	7.80E-03	N	2.00E-04
41114	CB-7	2/25/98	PCAW	DESEL	C		24.02	-181.00	WD001	2.00E-04	1.20E-03	4.30E-03	N	-3.10E-03	1.70E-03	7.10E-03	N	5.00E-04	1.60E-03	5.40E-03	N	-1.30E-03
42530	CB-7	5/27/98	PCAW	DESEL	C		24.02	-181.00	WD001	3.40E-04	9.10E-04	3.10E-03	N	-2.20E-03	1.20E-03	5.10E-03	N	1.00E-03	1.10E-03	3.60E-03	N	1.90E-03
44001	CB-7	8/25/98	PCAW	DESEL	C		24.02	-181.00	WD001	1.70E-03	1.10E-03	3.50E-03	N	-1.50E-03	1.30E-03	5.00E-03	N	-2.60E-03	8.70E-04	3.90E-03	N	-1.73E-03
45459	CB-7	11/2/98	PCAW	DESEL	C		24.02	-181.00	WD001	1.00E-03	1.10E-03	3.30E-03	N	-2.30E-03	1.30E-03	5.40E-03	N	-2.00E-04	1.10E-03	4.10E-03	N	-2.60E-03
47798	CB-7	3/2/99	PCAW	DESEL	C		24.02	-181.00	WD001	2.20E-03	1.30E-03	3.60E-03	N	-3.50E-03	1.80E-03	7.30E-03	N	-5.00E-04	1.40E-03	5.30E-03	N	-8.00E-04
49108	CB-7	5/25/99	PCAW	DESEL	C		24.02	-181.00	WD001	-1.10E-03	2.70E-03	9.20E-03	N	-3.90E-04	9.30E-04	3.50E-03	N	3.00E-04	8.40E-04	2.90E-03	N	1.22E-03
342202	CB-7	9/13/99	PCAW	YNPS	C		24.02	-181.00	WD001	-1.49E-03	1.32E-03	5.23E-03	N	-2.78E-03	1.84E-03	7.47E-03	N	-1.30E-03	1.34E-03	5.65E-03	N	-4.42E-04
50963	CB-7	9/13/99	PCAW	DESEL	C		24.02	-181.00	WD001													
448402	CB-7	7/24/00	PCAW	YNPS	C		24.02	-181.00	WD001	-1.61E-03	1.14E-03	4.75E-03	N	1.66E-03	1.71E-03	5.93E-03	N					-4.87E-03
55409	CB-7	7/24/00	PCAW	DESEL	C		24.02	-181.00	WD001													
19523	CB-8	10/4/94	RYA E. of PCA2	YAEL	C	H-3 Sample re-analyzed to achieve a detection sensitivity of 400 pCi/Kg as requested by E. Cumming on 1/18/95.	129.53	-235.27	YG005	-1.40E-03	2.30E-03	8.40E-03	N	-1.00E-03	2.10E-03	6.90E-03	N	-2.30E-03	2.10E-03	7.60E-03	N	1.60E-03
20998	CB-8	1/6/95	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	-2.10E-03	1.90E-03	7.20E-03	N	3.90E-03	1.70E-03	4.10E-03	N	1.30E-03	1.50E-03	4.30E-03	N	-1.00E+00
22614	CB-8	4/5/95	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	-0.00E-01	1.30E-03	4.70E-03	N	1.00E-04	1.20E-03	4.40E-03	N	2.80E-03	1.20E-03	3.60E-03	N	9.00E-04
23741	CB-8	5/31/95	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	4.50E-03	2.60E-03	1.00E-02	N	-3.00E-04	1.20E-03	4.50E-03	N	1.40E-03	1.00E-03	3.40E-03	N	4.00E-04
25951	CB-8	10/5/95	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	-1.40E-03	2.30E-03	9.20E-03	N	-1.00E-04	1.70E-03	6.70E-03	N	-1.00E-04	1.90E-03	7.50E-03	N	8.00E-04
27507	CB-8	1/10/96	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	-7.00E-04	2.30E-03	9.10E-03	N	-2.00E-04	2.20E-03	8.90E-03	N	4.20E-03	1.70E-03	3.70E-03	N	2.20E-03
29048	CB-8	4/4/96	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	-1.10E-03	1.40E-03	6.00E-03	N	-3.20E-03	1.60E-03	7.50E-03	N	1.20E-03	1.60E-03	5.70E-03	N	-4.00E-04
30228	CB-8	7/1/96	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	-1.40E-03	1.50E-03	5.80E-03	N	1.60E-03	1.40E-03	4.80E-03	N	6.00E-04	1.40E-03	4.50E-03	N	3.10E-03
31299	CB-8	8/21/96	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	-1.50E-03	1.80E-03	8.10E-03	N	3.30E-03	2.30E-03	7.60E-03	N	-8.40E-04	7.30E-04	5.60E-03	N	-7.00E-04
31831	CB-8	9/30/96	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	-2.00E-03	1.80E-03	7.60E-03	N	-6.00E-04	1.90E-03	8.00E-03	N	9.00E-04	1.80E-03	6.50E-03	N	-2.50E-03
34796	CB-8	3/13/97	RYA E. of PCA2	YAEL	C	Filtrate of CB-8	129.53	-235.27	YG005	4.00E-04	1.80E-03	6.40E-03	N	-1.10E-03	1.80E-03	8.20E-03	N	-2.60E-03	1.20E-03	7.40E-03	N	-4.20E-03
37363	CB-8	8/20/97	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	2.00E-04	1.40E-03	5.00E-03	N	2.70E-03	1.90E-03	6.50E-03	N	-1.00E-04	1.70E-03	6.80E-03	N	2.00E-04
39618	CB-8	11/11/97	RYA E. of PCA2	YAEL	C		129.53	-235.27	YG005	1.50E-03	2.30E-03	8.30E-03	N	1.80E-03	2.10E-03	7.70E-03	N	-1.90E-03	1.70E-03	7.90E-03	N	-9.00E-04
41113	CB-8	2/25/98	RYA E. of PCA2	DESEL	C		129.53	-235.27	YG005	-1.50E-03	1.10E-03	4.20E-03	N	-3.00E-04	1.70E-03	6.30E-03	N	-1.00E-04	1.30E-03	4.60E-03	N	-7.00E-04
44002	CB-8	8/26/98	RYA E. of PCA2	DESEL	C		129.53	-235.27	YG005	4.00E-04	1.50E-03	5.60E-03	N	-1.50E-03	2.30E-03	9.40E-03	N	1.10E-03	2.00E-03	7.10E-03	N	1.00E-03
45460	CB-8	10/27/98	RYA E. of PCA2	DESEL	C		129.53	-235.27	YG005	5.00E-05	7.60E-04	2.60E-03	N	-1.29E-03	9.30E-04	3.60E-03	N	-7.50E-04	6.50E-04	2.50E-03	N	4.10E-04
49109	CB-8	5/25/99	RYA E. of PCA2	DESEL	C		129.53	-235.27	YG005	-9.00E-05	8.10E-04	2.80E-03	N	-2.30E-03	1.00E-03	4.30E-03	N	1.10E-04	8.10E-04	2.80E-03	N	4.00E-04
448202	CB-8	7/24/00	RYA E. of PCA2	YNPS	C		129.53	-235.27	YG005	4.21E-04	2.63E-04	6.68E-04	N	5.36E-06	4.34E-04	1.60E-03	N					-2.11E-03
55403	CB-8	7/24/00	RYA E. of PCA2	DESEL	C		129.53	-235.27	YG005													
19411	CB-9	10/5/94	RYA under VC	YAEL	C		22.90	18.27	YG007	-6.00E-04	2.30E-03	7.30E-03	N	-3.20E-03	1.60E-03	5.90E-03	N	-5.00E-04	1.50E-03	5.00E-03	N	-3.30E-03
20999	CB-9	1/5/95	RYA under VC	YAEL	C		22.90	18.27	YG007	-1.00E-04	1.60E-03	5.70E-03	N	1.20E-03	1.80E-03	5.30E-03	N	-4.40E-03	1.60E-03	6.60E-03	N	-2.30E-03
22615	CB-9	4/4/95	RYA under VC	YAEL	C		22.90	18.27	YG007	-3.00E-04	1.60E-03	6.20E-03	N	-1.60E-03	1.40E-03	5.70E-03	N	-3.00E-04	1.40E-03	5.60E-03	N	1.40E-03
23742	CB-9	5/31/95	RYA under VC	YAEL	C	1997 reanalyzed as 34458	22.90	18.27	YG007	-2.70E-03	2.30E-03	7.70E-03	N	-3.00E-04	1.40E-03	5.00E-03	N	3.00E-04	1.20E-03	4.10E-03	N	1.10E-03
34458	CB-9	5/31/95	RYA under VC	YAEL	CQA	reanalysis of 23742	22.90	18.27	YG007	-9.00E-04	1.50E-03	5.00E-03	N	-1.36E-03	9.10E-04	3.30E-03	N	-1.90E-03	3.00E-03	1.00E-02	N	0.00E+00

Table 2. YNPS Ground Water Analyses

Co-60, pCi/ml			Ag-108m, pCi/ml				Sr-90, pCi/ml				Sr-89, pCi/ml				H-3, pCi/ml				
Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	Conc.	Error	MDC	detectable?	VFLAG
1.60E-03	6.00E-03	N													5.10E+05	1.10E+05	3.40E+05	Y	VV
1.50E-03	6.00E-03	N					3.70E+02	3.70E+02	1.20E+03	N	2.00E+03	1.40E+03	5.00E+03	N	6.00E+05	1.10E+05	3.40E+05	Y	VV
9.90E-04	3.80E-03	N					2.90E+02	3.70E+02	1.20E+03	N					3.00E+05	1.20E+05	3.90E+05	N	VV
1.50E-03	6.30E-03	N													1.60E+05	1.10E+05	3.50E+05	N	VV
1.40E-03	5.50E-03	N													1.90E+05	1.00E+05	3.40E+05	N	VV
															3.13E+05	1.07E+05	3.41E+05	N	V
1.60E-03	5.10E-03	N													2.80E+05	1.20E+05	3.70E+05	N	VV
															6.66E+05	1.11E+05	3.32E+05	Y	V
															3.51E+05	9.63E+04	3.13E+05	Y	V
2.50E-03	9.66E-03	N	1.09E-03	1.82E-03	6.48E-03	N													VV
															2.20E+05	3.40E+05	1.20E+06	N	
1.40E-03	4.70E-03	N													5.00E+04	1.10E+05	3.50E+05	N	VV
2.70E-03	1.10E-02	N																	VV
7.40E-04	2.70E-03	N													-3.00E+04	1.00E+05	3.40E+05	N	VX
1.50E-03	6.00E-03	N													1.70E+05	1.00E+05	3.40E+05	N	VV
1.30E-03	6.00E-03	N					2.40E+02	3.30E+02	1.10E+03	N	-1.10E+03	1.80E+03	6.50E+03	N					VV
1.50E-03	6.70E-03	N					5.40E+02	3.60E+02	1.20E+03	N					-1.00E+05	1.10E+05	3.80E+05	N	VV
1.20E-03	3.70E-03	N																	VV
8.80E-04	4.20E-03	N													1.60E+05	1.00E+05	3.40E+05	N	VV
1.30E-03	5.90E-03	N																	VV
1.50E-03	6.10E-03	N													2.20E+05	1.00E+05	3.40E+05	N	VV
9.50E-04	3.10E-03	N													2.60E+05	1.10E+05	3.70E+05	N	VV
2.12E-03	8.31E-03	N	-1.40E-03	1.56E-03	6.05E-03	N													VV
															-2.70E+04	9.80E+04	3.30E+05	N	VV
2.62E-03	1.11E-02	N																	V
															1.90E+05	3.40E+05	1.20E+06	N	
2.20E-03	6.30E-03	N													1.00E+05	9.50E+04	3.10E+05	N	VV
1.90E-03	6.50E-03	N													1.48E+05	9.30E+04	3.00E+05	N	VV
1.60E-03	5.90E-03	N													-2.00E+04	9.60E+04	3.20E+05	N	VV
1.20E-03	4.30E-03	N													1.44E+05	9.40E+04	3.00E+05	N	VV
2.30E-03	9.00E-03	N													6.00E+04	1.00E+05	3.30E+05	N	VV
1.30E-03	2.00E-03	N													1.30E+05	1.20E+05	3.90E+05	N	VV
1.90E-03	8.00E-03	N													-2.00E+04	1.00E+05	3.40E+05	N	VV
1.50E-03	4.30E-03	N													1.40E+05	1.00E+05	3.30E+05	N	VV
1.70E-03	9.00E-03	N													9.00E+04	1.00E+05	3.30E+05	N	VV
1.70E-03	9.10E-03	N													1.70E+05	1.10E+05	3.40E+05	N	VV
2.30E-03	1.20E-02	N													1.20E+05	1.10E+05	3.60E+05	N	VV
1.50E-03	6.90E-03	N													1.20E+05	1.10E+05	3.50E+05	N	VV
2.70E-03	1.20E-02	N					2.60E+02	3.60E+02	1.20E+03	N	3.00E+02	2.10E+03	7.50E+03	N	2.70E+05	1.10E+05	3.40E+05	N	VV
1.40E-03	5.50E-03	N					7.00E+01	3.70E+02	1.20E+03	N					-1.00E+05	1.10E+05	3.90E+05	N	VV
2.30E-03	8.80E-03	N																	VV
7.70E-04	2.70E-03	N																	VV
1.00E-03	3.60E-03	N													1.30E+05	1.10E+05	3.70E+05	N	VV
6.20E-04	2.93E-03	N																	V
															-1.00E+05	3.40E+05	1.20E+06	N	
1.90E-03	7.70E-03	N													4.93E+06	3.60E+05	6.10E+05	Y	VV
2.70E-03	1.00E-02	N													6.38E+06	1.90E+05	3.00E+05	Y	VV
1.60E-03	6.00E-03	N													5.87E+06	1.80E+05	3.20E+05	Y	VV
1.40E-03	5.00E-03	N													6.89E+06	1.90E+05	3.00E+05	Y	VV
1.20E-03	4.30E-03	N																	VV