

**Table 00-3d. Trace Element Concentrations in Aerosols determined by  
Atomic Absorption Spectrometry and Inductively Coupled Plasma Mass Spectrometry  
Nd through Sm<sup>a</sup>  
(July, 1999 - December, 2000)**

See CEMRC 1999 Report, "Particulate concentrations and inorganics in near-surface air"  
for descriptions of locations and methods of data collection.

Date	Station	Type	<sup>b</sup> Analyte								
			Nd	Ni	Pb	Pr	Sb	Sc	Se	Si	Sm
07/29/99	On Site	LTSP	4.29E-02	<MDL <sup>d</sup>	1.99E-01	9.54E-03	<MDL	<MDL	<MDL	NA <sup>e</sup>	<MDL
08/17/99	On Site	LTSP	1.21E-01	<MDL	3.02E-01	2.90E-02	3.40E-01	<MDL	<MDL	NA	1.75E-02
08/26/99	On Site	LTSP	2.61E-02	<MDL	4.76E-01	8.03E-03	1.39E-01	<MDL	<MDL	NA	<MDL
09/04/99	On Site	LTSP	6.20E-02	4.65E+00	<MDL	1.69E-02	<MDL	2.42E-01	<MDL	NA	1.13E-02
09/14/99	On Site	LTSP	5.76E-02	1.28E+00	<MDL	1.11E-02	<MDL	<MDL	<MDL	NA	<MDL
08/07/99	Near Field	LPM10	6.16E-02	<MDL	6.09E-01	1.47E-02	<MDL	<MDL	<MDL	NA	9.85E-03
08/17/99	Near Field	LPM10	1.59E-01	1.85E+00	8.71E-01	3.99E-02	3.19E-01	<MDL	<MDL	NA	3.71E-02
08/26/99	Near Field	LPM10	7.05E-02	2.53E+00	7.18E-01	1.55E-02	1.04E-01	<MDL	<MDL	NA	<MDL
09/04/99	Near Field	LPM10	5.57E-02	5.86E+00	<MDL	1.39E-02	5.59E-02	1.86E-01	<MDL	NA	<MDL
09/14/99	Near Field	LPM10	5.71E-02	<MDL	<MDL	1.69E-02	2.74E-01	<MDL	<MDL	NA	<MDL
08/07/99	Near Field	LPM2.5	1.62E-02	<MDL	4.16E-01	6.68E-03	<MDL	<MDL	<MDL	NA	<MDL
08/17/99	Near Field	LPM2.5	8.04E-02	<MDL	5.34E-01	1.91E-02	2.15E-01	<MDL	<MDL	NA	1.50E-02
08/26/99	Near Field	LPM2.5	<MDL	<MDL	3.83E-01	<MDL	<MDL	<MDL	<MDL	NA	<MDL
09/04/99	Near Field	LPM2.5	1.28E-02	<MDL	<MDL	<MDL	4.63E-02	<MDL	<MDL	NA	<MDL
09/14/99	Near Field	LPM2.5	<MDL	<MDL	<MDL	<MDL	1.00E-01	<MDL	<MDL	NA	<MDL
07/29/99	Near Field	LTSP	2.98E-02	<MDL	3.41E-01	<MDL	<MDL	<MDL	<MDL	NA	<MDL
08/17/99	Near Field	LTSP	1.34E-01	<MDL	6.79E-01	3.44E-02	2.05E-01	<MDL	<MDL	NA	2.42E-02
08/26/99	Near Field	LTSP	3.19E-02	<MDL	7.56E-01	1.03E-02	9.31E-02	<MDL	<MDL	NA	<MDL
09/14/99	Near Field	LTSP	6.50E-02	<MDL	<MDL	1.80E-02	9.21E-02	<MDL	<MDL	NA	<MDL
07/29/99	Cactus Flats	LPM10	4.30E-02	<MDL	5.17E-01	1.05E-02	<MDL	<MDL	<MDL	NA	<MDL
08/07/99	Cactus Flats	LPM10	5.24E-02	<MDL	6.03E-01	1.57E-02	<MDL	<MDL	<MDL	NA	1.06E-02
08/17/99	Cactus Flats	LPM10	1.41E-01	2.46E+00	5.41E-01	3.52E-02	2.79E-01	<MDL	<MDL	NA	1.98E-02
08/26/99	Cactus Flats	LPM10	3.80E-02	3.24E+00	3.35E-01	1.17E-02	2.22E-01	<MDL	<MDL	NA	<MDL
09/04/99	Cactus Flats	LPM10	6.80E-02	<MDL	<MDL	1.68E-02	9.47E-02	1.46E-01	<MDL	NA	1.08E-02
09/14/99	Cactus Flats	LPM10	7.48E-02	<MDL	<MDL	2.38E-02	<MDL	<MDL	<MDL	NA	<MDL
08/17/99	Cactus Flats	LPM2.5	4.39E-02	<MDL	3.34E-01	1.81E-02	1.37E-01	<MDL	<MDL	NA	<MDL
08/26/99	Cactus Flats	LPM2.5	1.56E-02	<MDL	1.22E+00	<MDL	<MDL	<MDL	<MDL	NA	<MDL
09/04/99	Cactus Flats	LPM2.5	1.77E-02	<MDL	<MDL	5.57E-03	4.89E-02	<MDL	<MDL	NA	<MDL
09/14/99	Cactus Flats	LPM2.5	1.86E-02	<MDL	<MDL	<MDL	2.27E-01	<MDL	<MDL	NA	<MDL
08/17/99	Cactus Flats	LTSP	1.33E-01	<MDL	2.99E-01	3.45E-02	9.45E-02	<MDL	<MDL	NA	2.43E-02

			<sup>b</sup> Analyte								
Date	Station	Type	Nd	Ni	Pb	Pr	Sb	Sc	Se	Si	Sm
08/26/99	Cactus Flats	LTSP	3.69E-02	<MDL	5.67E-01	1.10E-02	<MDL	<MDL	<MDL	NA	<MDL
08/26/99	Cactus Flats	LTSP	5.45E-02	<MDL	6.47E-01	1.24E-02	<MDL	<MDL	<MDL	NA	1.39E-02
09/04/99	Cactus Flats	LTSP	1.25E-01	4.10E+00	2.34E+00	3.04E-02	1.05E+00	6.80E-01	<MDL	NA	2.09E-02
09/14/99	Cactus Flats	LTSP	7.54E-02	1.59E+00	<MDL	2.68E-02	1.54E-01	<MDL	<MDL	NA	1.58E-02
10/30/99	On Site	LTSP	2.03E-01	<MDL	3.98E-01	5.90E-02	<MDL	<MDL	<MDL	NA	4.06E-02
11/09/99	On Site	LTSP	1.53E-01	<MDL	6.89E-01	4.69E-02	4.66E-01	<MDL	<MDL	NA	3.08E-02
11/18/99	On Site	LTSP	5.48E-01	<MDL	1.85E+00	1.60E-01	2.30E-01	<MDL	<MDL	NA	1.14E-01
11/27/99	On Site	LTSP	1.88E-01	<MDL	9.87E-01	5.95E-02	2.23E-01	<MDL	<MDL	NA	3.89E-02
12/14/99	On Site	LTSP	4.69E-01	<MDL	7.20E-01	1.26E-01	1.16E-01	<MDL	<MDL	NA	1.10E-01
12/16/99	On Site	LTSP	2.89E-01	<MDL	<MDL	7.98E-02	1.20E-01	<MDL	2.51E+00	NA	5.91E-02
12/25/99	On Site	LTSP	2.42E-02	<MDL	4.92E-01	9.32E-03	4.10E-02	<MDL	<MDL	NA	<MDL
12/25/99	On Site	LTSP	3.67E-02	1.43E+00	1.54E+00	9.90E-03	5.41E-02	<MDL	<MDL	NA	5.63E-03
12/28/99	On Site	LTSP	2.67E-01	<MDL	3.94E-01	9.40E-02	1.28E-01	<MDL	<MDL	NA	4.43E-02
10/30/99	Near Field	LPM10	8.98E-02	<MDL	2.85E-01	2.60E-02	<MDL	<MDL	<MDL	NA	1.78E-02
11/09/99	Near Field	LPM10	8.10E-02	<MDL	6.68E-01	2.67E-02	3.86E-01	<MDL	<MDL	NA	2.10E-02
11/18/99	Near Field	LPM10	3.25E-01	<MDL	1.36E+00	9.63E-02	1.23E-01	<MDL	<MDL	NA	6.69E-02
11/27/99	Near Field	LPM10	2.67E-01	<MDL	1.09E+00	7.29E-02	2.39E-01	<MDL	<MDL	NA	4.76E-02
12/07/99	Near Field	LPM10	1.94E-01	<MDL	4.56E-01	5.82E-02	2.43E-01	<MDL	<MDL	NA	4.50E-02
12/14/99	Near Field	LPM10	1.06E-01	<MDL	2.88E-01	2.55E-02	<MDL	<MDL	<MDL	NA	1.70E-02
12/16/99	Near Field	LPM10	1.67E-01	<MDL	<MDL	5.02E-02	<MDL	<MDL	<MDL	NA	3.09E-02
12/25/99	Near Field	LPM10	7.07E-02	<MDL	5.45E-01	2.00E-02	4.54E-02	<MDL	<MDL	NA	1.25E-02
12/28/99	Near Field	LPM10	1.68E-01	<MDL	<MDL	6.78E-02	<MDL	<MDL	<MDL	NA	2.25E-02
01/06/00	Near Field	LPM10	1.56E-01	<MDL	4.24E-01	5.14E-02	1.26E-01	<MDL	<MDL	NA	3.71E-02
10/30/99	Near Field	LPM2.5	1.54E-02	<MDL	2.15E-01	<MDL	<MDL	<MDL	<MDL	NA	<MDL
11/09/99	Near Field	LPM2.5	1.24E-02	<MDL	4.45E-01	<MDL	2.79E-01	<MDL	<MDL	NA	<MDL
11/18/99	Near Field	LPM2.5	4.21E-02	<MDL	7.57E-01	1.25E-02	1.06E-01	<MDL	<MDL	NA	<MDL
11/27/99	Near Field	LPM2.5	1.81E-01	<MDL	1.04E+00	5.25E-02	2.63E-01	<MDL	<MDL	NA	3.51E-02
12/07/99	Near Field	LPM2.5	3.79E-02	<MDL	2.37E-01	1.04E-02	1.88E-01	<MDL	<MDL	NA	<MDL
12/14/99	Near Field	LPM2.5	3.00E-02	<MDL	1.25E-01	8.56E-03	8.21E-02	<MDL	<MDL	NA	<MDL
12/16/99	Near Field	LPM2.5	1.49E-01	<MDL	<MDL	1.40E-02	<MDL	<MDL	<MDL	NA	1.85E-02
12/25/99	Near Field	LPM2.5	9.17E-03	6.33E-01	4.48E-01	4.40E-03	4.11E-02	<MDL	<MDL	NA	<MDL
12/28/99	Near Field	LPM2.5	9.06E-02	<MDL	1.72E-01	3.48E-02	1.08E-01	<MDL	<MDL	NA	<MDL
01/06/00	Near Field	LPM2.5	3.71E-02	<MDL	1.28E-01	8.99E-03	1.21E-01	<MDL	<MDL	NA	<MDL
10/21/99	Near Field	LTSP	9.71E-02	<MDL	<MDL	3.86E-02	<MDL	<MDL	<MDL	NA	1.41E-02
10/30/99	Near Field	LTSP	4.32E-02	4.23E+00	<MDL	1.23E-02	<MDL	<MDL	<MDL	NA	<MDL
11/09/99	Near Field	LTSP	8.84E-02	<MDL	4.41E-01	3.05E-02	3.07E-01	<MDL	<MDL	NA	1.87E-02
11/18/99	Near Field	LTSP	2.83E-01	<MDL	1.24E+00	9.24E-02	7.65E-02	<MDL	<MDL	NA	6.37E-02
11/27/99	Near Field	LTSP	4.26E-02	<MDL	8.97E-01	1.34E-02	3.10E-01	<MDL	<MDL	NA	<MDL

			<sup>b</sup> Analyte								
Date	Station	<sup>c</sup> Type	Nd	Ni	Pb	Pr	Sb	Sc	Se	Si	Sm
12/07/99	Near Field	LTSP	2.38E-01	<MDL	4.47E-01	6.06E-02	2.39E-01	<MDL	<MDL	NA	4.79E-02
12/14/99	Near Field	LTSP	4.39E-01	<MDL	7.47E-01	1.09E-01	9.61E-02	<MDL	<MDL	NA	7.98E-02
12/16/99	Near Field	LTSP	2.39E-01	2.41E+00	<MDL	7.15E-02	<MDL	<MDL	<MDL	NA	5.89E-02
12/16/99	Near Field	LTSP	9.93E-02	<MDL	2.58E+00	2.28E-02	<MDL	<MDL	<MDL	NA	2.46E-02
12/25/99	Near Field	LTSP	4.27E-02	1.10E+00	5.55E-01	1.50E-02	4.87E-02	<MDL	<MDL	NA	1.22E-02
12/28/99	Near Field	LTSP	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	NA	<MDL
01/06/00	Near Field	LTSP	2.27E-01	<MDL	2.87E-01	5.67E-02	1.04E-01	<MDL	<MDL	NA	3.78E-02
10/30/99	Cactus Flats	LPM10	1.10E-01	<MDL	4.31E-01	3.07E-02	<MDL	<MDL	<MDL	NA	2.11E-02
11/09/99	Cactus Flats	LPM10	1.18E-01	<MDL	7.12E-01	3.49E-02	3.24E-01	<MDL	<MDL	NA	2.09E-02
11/18/99	Cactus Flats	LPM10	3.37E-01	<MDL	1.59E+00	8.55E-02	2.06E-01	<MDL	<MDL	NA	6.24E-02
11/27/99	Cactus Flats	LPM10	1.74E-01	<MDL	9.52E-01	5.21E-02	2.77E-01	<MDL	<MDL	NA	3.39E-02
12/07/99	Cactus Flats	LPM10	5.41E-02	1.75E+00	1.42E+00	1.88E-02	2.14E-01	<MDL	<MDL	NA	1.33E-02
12/14/99	Cactus Flats	LPM10	1.51E-01	<MDL	3.63E-01	3.85E-02	<MDL	<MDL	<MDL	NA	3.05E-02
12/16/99	Cactus Flats	LPM10	1.74E-01	<MDL	<MDL	5.17E-02	3.22E-01	<MDL	<MDL	NA	4.17E-02
12/25/99	Cactus Flats	LPM10	1.08E-01	<MDL	5.78E-01	3.83E-02	<MDL	<MDL	<MDL	NA	1.48E-02
12/28/99	Cactus Flats	LPM10	6.73E-02	<MDL	2.55E-01	2.64E-02	<MDL	<MDL	<MDL	NA	1.07E-02
01/06/00	Cactus Flats	LPM10	2.03E-01	<MDL	4.59E-01	5.12E-02	1.32E-01	<MDL	<MDL	NA	3.82E-02
10/21/99	Cactus Flats	LPM2.5	6.17E-02	<MDL	1.74E-01	2.32E-02	<MDL	<MDL	<MDL	NA	<MDL
10/30/99	Cactus Flats	LPM2.5	1.59E-02	<MDL	1.95E-01	5.39E-03	<MDL	<MDL	<MDL	NA	<MDL
11/09/99	Cactus Flats	LPM2.5	1.46E-02	<MDL	7.63E-01	<MDL	2.78E-01	<MDL	<MDL	NA	<MDL
11/18/99	Cactus Flats	LPM2.5	6.42E-02	<MDL	1.01E+00	1.97E-02	1.81E-01	<MDL	<MDL	NA	<MDL
11/27/99	Cactus Flats	LPM2.5	3.56E-02	<MDL	6.01E-01	1.32E-02	2.51E-01	<MDL	1.57E+00	NA	<MDL
12/07/99	Cactus Flats	LPM2.5	1.31E-02	3.05E+00	1.06E+00	<MDL	1.82E-01	<MDL	<MDL	NA	<MDL
12/14/99	Cactus Flats	LPM2.5	2.56E-02	<MDL	1.76E-01	7.47E-03	<MDL	<MDL	<MDL	NA	<MDL
12/16/99	Cactus Flats	LPM2.5	3.67E-02	<MDL	<MDL	1.15E-02	<MDL	<MDL	<MDL	NA	<MDL
12/25/99	Cactus Flats	LPM2.5	7.33E-02	<MDL	1.03E+00	3.23E-02	<MDL	<MDL	<MDL	NA	<MDL
12/28/99	Cactus Flats	LPM2.5	7.39E-02	1.62E+00	<MDL	2.82E-02	1.58E-01	<MDL	<MDL	NA	1.33E-02
10/30/99	Cactus Flats	LTSP	1.46E-01	<MDL	1.65E-01	4.47E-02	<MDL	<MDL	<MDL	NA	3.24E-02
11/09/99	Cactus Flats	LTSP	1.25E-01	<MDL	6.00E-01	3.63E-02	2.94E-01	<MDL	<MDL	NA	3.45E-02
11/18/99	Cactus Flats	LTSP	4.52E-01	<MDL	1.45E+00	1.21E-01	8.46E-02	<MDL	<MDL	NA	9.52E-02
11/18/99	Cactus Flats	LTSP	4.72E-01	1.17E+00	1.65E+00	1.32E-01	1.83E-01	<MDL	<MDL	NA	1.09E-01
11/27/99	Cactus Flats	LTSP	1.98E-01	<MDL	7.69E-01	6.46E-02	2.21E-01	<MDL	<MDL	NA	3.84E-02
12/07/99	Cactus Flats	LTSP	2.79E-01	<MDL	7.19E-01	7.23E-02	2.37E-01	<MDL	<MDL	NA	5.59E-02
12/14/99	Cactus Flats	LTSP	6.24E-01	1.68E+00	1.07E+00	1.65E-01	1.10E-01	<MDL	<MDL	NA	1.36E-01
12/16/99	Cactus Flats	LTSP	1.94E-01	<MDL	2.03E-01	5.55E-02	7.96E-02	<MDL	<MDL	NA	4.50E-02
12/25/99	Cactus Flats	LTSP	2.72E-01	<MDL	9.85E-01	8.21E-02	<MDL	<MDL	<MDL	NA	4.79E-02
12/28/99	Cactus Flats	LTSP	1.46E-01	<MDL	<MDL	4.99E-02	1.01E-01	<MDL	<MDL	NA	2.44E-02
1/4/00	On Site	LTSP	1.89E-01	8.32E+00	1.17E+00	5.77E-02	7.65E-01	<MDL	<MDL	NA	4.07E-02

			<sup>b</sup> Analyte								
Date	Station	<sup>c</sup> Type	Nd	Ni	Pb	Pr	Sb	Sc	Se	Si	Sm
1/8/00	On Site	LTSP	1.29E-01	9.43E+00	5.85E-01	3.81E-02	1.73E-01	<MDL	<MDL	NA	2.41E-02
1/15/00	On Site	LTSP	1.51E-01	<MDL	1.44E+00	4.65E-02	3.27E-01	<MDL	<MDL	NA	3.61E-02
1/25/00	On Site	LTSP	3.99E-01	<MDL	1.39E+00	1.11E-01	2.30E-01	8.35E-01	<MDL	NA	9.78E-02
2/22/00	On Site	LTSP	2.72E-01	8.40E+00	9.35E-01	6.78E-02	1.74E-01	2.79E-01	<MDL	NA	5.98E-02
3/2/00	On Site	LTSP	2.85E-01	6.49E+00	7.78E-01	7.37E-02	2.76E-01	3.37E-01	<MDL	NA	5.57E-02
3/11/00	On Site	LTSP	2.16E-01	9.53E-01	6.18E-01	6.16E-02	1.14E-01	3.76E-01	<MDL	NA	5.63E-02
3/21/00	On Site	LTSP	6.17E-01	1.17E+00	1.66E+00	1.74E-01	2.60E-01	1.17E+00	<MDL	NA	1.43E-01
12/11/99	Near Field	LPM10	2.27E-01	<MDL	9.41E-01	5.97E-02	1.75E-01	3.50E-01	<MDL	NA	4.22E-02
1/8/00	Near Field	LPM10	1.82E-01	<MDL	1.94E+00	5.40E-02	3.86E-01	<MDL	<MDL	NA	3.25E-02
1/15/00	Near Field	LPM10	1.24E-01	7.40E-01	1.66E+00	3.97E-02	3.82E-01	<MDL	<MDL	NA	2.69E-02
1/25/00	Near Field	LPM10	2.04E-01	<MDL	1.35E+00	5.48E-02	2.33E-01	<MDL	<MDL	NA	3.40E-02
2/22/00	Near Field	LPM10	1.90E-01	1.41E+00	9.81E-01	4.73E-02	1.22E-01	<MDL	<MDL	NA	3.74E-02
3/2/00	Near Field	LPM10	1.44E-01	2.45E+00	7.26E-01	4.06E-02	1.24E-01	<MDL	<MDL	NA	2.90E-02
12/11/99	Near Field	LPM2.5	2.86E-02	<MDL	6.05E-01	9.40E-03	1.12E-01	<MDL	<MDL	NA	<MDL
1/8/00	Near Field	LPM2.5	2.84E-02	<MDL	6.13E-01	9.46E-03	1.93E-01	<MDL	<MDL	NA	<MDL
1/15/00	Near Field	LPM2.5	2.83E-02	<MDL	1.23E+00	1.02E-02	3.12E-01	<MDL	<MDL	NA	<MDL
1/25/00	Near Field	LPM2.5	3.38E-02	<MDL	1.11E+00	1.14E-02	2.09E-01	<MDL	<MDL	NA	<MDL
2/22/00	Near Field	LPM2.5	2.16E-02	<MDL	6.42E-01	<MDL	1.18E-01	<MDL	<MDL	NA	<MDL
3/2/00	Near Field	LPM2.5	2.78E-02	2.07E+00	4.76E-01	8.19E-03	9.97E-02	<MDL	<MDL	NA	<MDL
12/11/99	Near Field	LTSP	2.58E-01	<MDL	8.74E-01	6.63E-02	1.56E-01	4.03E-01	<MDL	NA	4.76E-02
1/15/00	Near Field	LTSP	1.49E-01	<MDL	1.65E+00	4.77E-02	3.55E-01	<MDL	<MDL	NA	3.49E-02
1/25/00	Near Field	LTSP	2.01E-01	1.37E+00	1.07E+00	5.46E-02	1.71E-01	<MDL	<MDL	NA	4.68E-02
2/22/00	Near Field	LTSP	3.09E-01	6.90E+00	1.09E+00	7.43E-02	1.99E-01	2.97E-01	<MDL	NA	6.36E-02
3/2/00	Near Field	LTSP	1.90E-01	<MDL	5.97E-01	4.39E-02	1.04E-01	<MDL	<MDL	NA	3.59E-02
3/2/00	Near Field	LTSP	1.66E-01	3.75E+00	7.69E-01	5.03E-02	7.77E-02	<MDL	<MDL	NA	3.56E-02
3/11/00	Near Field	LTSP	2.72E-01	1.02E+00	8.22E-01	7.75E-02	1.00E-01	4.20E-01	<MDL	NA	6.79E-02
3/21/00	Near Field	LTSP	6.25E-01	6.42E+00	3.41E+00	1.63E-01	5.85E-01	1.10E+00	<MDL	NA	1.51E-01
1/8/00	Cactus Flats	LPM10	9.54E-02	8.75E-01	9.64E-01	3.20E-02	2.78E-01	<MDL	<MDL	NA	2.10E-02
1/15/00	Cactus Flats	LPM10	1.14E-01	1.17E+00	1.41E+00	3.26E-02	5.10E-01	<MDL	<MDL	NA	2.20E-02
1/25/00	Cactus Flats	LPM10	3.05E-01	3.20E+00	1.50E+00	7.68E-02	2.52E-01	3.32E-01	<MDL	NA	4.19E-02
2/3/00	Cactus Flats	LPM10	5.16E-02	3.14E+00	7.42E-01	1.17E-02	1.17E-01	<MDL	<MDL	NA	<MDL
3/2/00	Cactus Flats	LPM10	1.47E-01	1.94E+00	8.70E-01	3.84E-02	1.18E-01	<MDL	<MDL	NA	3.14E-02
1/6/00	Cactus Flats	LPM2.5	3.79E-02	<MDL	1.44E-01	1.10E-02	1.03E-01	<MDL	<MDL	NA	<MDL
1/8/00	Cactus Flats	LPM2.5	1.25E-02	1.40E+00	6.05E-01	<MDL	2.36E-01	<MDL	<MDL	NA	<MDL
1/15/00	Cactus Flats	LPM2.5	2.84E-02	<MDL	1.20E+00	9.07E-03	3.13E-01	<MDL	<MDL	NA	<MDL
1/25/00	Cactus Flats	LPM2.5	4.12E-02	<MDL	8.82E-01	1.29E-02	2.34E-01	<MDL	<MDL	NA	<MDL
2/3/00	Cactus Flats	LPM2.5	2.38E-02	1.36E+00	8.79E-01	8.45E-03	8.97E-02	<MDL	<MDL	NA	<MDL
2/22/00	Cactus Flats	LPM2.5	2.66E-02	<MDL	6.40E-01	8.01E-03	8.58E-02	<MDL	<MDL	NA	<MDL

			<sup>b</sup> Analyte								
Date	Station	<sup>c</sup> Type	Nd	Ni	Pb	Pr	Sb	Sc	Se	Si	Sm
3/2/00	Cactus Flats	LPM2.5	2.53E-02	1.63E+00	4.95E-01	8.34E-03	9.02E-02	<MDL	<MDL	NA	<MDL
1/6/00	Cactus Flats	LTSP	2.63E-01	<MDL	4.79E-01	6.96E-02	8.92E-02	<MDL	<MDL	NA	5.34E-02
1/6/00	Cactus Flats	LTSP	2.16E-01	<MDL	6.25E-01	6.38E-02	8.42E-02	<MDL	<MDL	NA	3.96E-02
1/8/00	Cactus Flats	LTSP	1.44E-01	6.03E+00	1.28E+00	4.01E-02	1.12E+00	<MDL	<MDL	NA	3.33E-02
1/15/00	Cactus Flats	LTSP	1.37E-01	4.23E+00	1.36E+00	3.72E-02	3.01E-01	<MDL	<MDL	NA	2.42E-02
1/25/00	Cactus Flats	LTSP	4.21E-01	<MDL	1.72E+00	1.16E-01	2.09E-01	7.86E-01	<MDL	NA	8.03E-02
2/22/00	Cactus Flats	LTSP	2.45E-01	<MDL	1.18E+00	6.33E-02	1.21E-01	1.56E-01	<MDL	NA	5.15E-02
3/2/00	Cactus Flats	LTSP	2.31E-01	1.52E+00	8.10E-01	6.64E-02	9.90E-02	<MDL	<MDL	NA	4.78E-02
3/11/00	Cactus Flats	LTSP	2.72E-01	<MDL	8.71E-01	8.05E-02	<MDL	4.83E-01	<MDL	NA	7.12E-02
3/21/00	Cactus Flats	LTSP	6.48E-01	1.96E+01	2.77E+00	1.93E-01	5.84E-01	1.22E+00	<MDL	NA	1.47E-01
4/8/00	On Site	LTSP	3.88E-01	1.61E+00	9.94E-01	1.02E-01	8.33E-02	7.28E-01	<MDL	NA	8.46E-02
4/18/00	On Site	LTSP	6.64E-01	1.68E+00	1.73E+00	1.89E-01	3.35E-01	1.15E+00	<MDL	NA	1.44E-01
5/9/00	On Site	LTSP	4.10E-01	1.73E+01	7.70E-01	1.13E-01	1.95E-01	6.87E-01	<MDL	NA	8.62E-02
5/18/00	On Site	LTSP	3.46E-01	1.30E+00	9.44E-01	9.43E-02	1.49E-01	2.74E-01	<MDL	NA	7.31E-02
5/28/00	On Site	LTSP	3.42E-01	<MDL	1.57E+00	9.64E-02	2.18E-01	1.32E+00	<MDL	NA	6.50E-02
6/3/00	On Site	LTSP	5.05E-02	<MDL	2.39E-01	1.78E-02	8.44E-02	1.66E-01	<MDL	NA	<MDL
4/9/00	Near Field	LTSP	6.71E-01	2.58E+00	1.76E+00	1.97E-01	2.73E-01	1.19E+00	<MDL	NA	1.44E-01
4/18/00	Near Field	LTSP	2.73E-01	3.36E+00	8.63E-01	8.20E-02	3.88E-01	8.63E-01	<MDL	NA	6.61E-02
4/29/00	Near Field	LTSP	4.96E-01	2.19E+00	1.52E+00	1.40E-01	1.62E-01	7.83E-01	<MDL	NA	1.11E-01
5/9/00	Near Field	LTSP	3.16E-01	1.68E+00	6.66E-01	8.66E-02	1.82E-01	4.57E-01	<MDL	NA	6.90E-02
5/18/00	Near Field	LTSP	3.09E-01	1.51E+00	1.05E+00	8.48E-02	4.37E-02	1.14E+00	<MDL	NA	5.46E-02
5/28/00	Near Field	LTSP	3.15E-01	<MDL	1.82E+00	8.34E-02	2.80E-01	2.06E-01	<MDL	NA	5.39E-02
6/3/00	Near Field	LTSP	5.82E-02	2.52E+00	7.89E-01	1.27E-02	1.10E-01	2.60E-01	<MDL	NA	<MDL
6/22/00	Near Field	LTSP	2.60E-01	<MDL	<MDL	7.21E-02	8.90E-02	2.61E-01	<MDL	NA	5.13E-02
4/8/00	Cactus Flats	LTSP	8.40E-01	1.85E+00	2.23E+00	2.29E-01	3.28E-01	1.47E+00	<MDL	NA	1.90E-01
4/18/00	Cactus Flats	LTSP	4.54E-01	8.71E+00	1.26E+00	1.13E-01	4.71E-01	1.14E+00	<MDL	NA	8.02E-02
4/29/00	Cactus Flats	LTSP	4.05E-01	2.29E+00	1.18E+00	1.12E-01	1.73E-01	6.53E-01	<MDL	NA	8.17E-02
5/9/00	Cactus Flats	LTSP	3.72E-01	2.54E+00	7.09E-01	1.09E-01	9.36E-02	6.61E-01	<MDL	NA	9.90E-02
5/18/00	Cactus Flats	LTSP	5.92E-01	1.16E+00	8.18E-01	1.51E-01	1.30E-01	1.02E+00	<MDL	NA	1.23E-01
5/18/00	Cactus Flats	LTSP	2.79E-01	2.15E+00	5.61E-01	7.31E-02	<MDL	4.06E-01	<MDL	NA	6.09E-02
5/28/00	Cactus Flats	LTSP	4.82E-01	<MDL	2.28E+00	1.27E-01	1.34E-01	1.59E+00	<MDL	NA	9.25E-02
6/22/00	Cactus Flats	LTSP	4.45E-01	<MDL	2.92E-01	1.20E-01	8.35E-02	5.66E-01	<MDL	NA	8.60E-02
6/22/00	Cactus Flats	LTSP	3.49E-01	5.68E+00	2.71E-01	9.76E-02	1.31E-01	4.74E-01	<MDL	NA	7.54E-02
07/11/00	Cactus Flats	LTSP	2.33E-01	<MDL	8.33E-01	5.85E-02	<MDL	2.88E-01	<MDL	NA	4.58E-02
07/20/00	Cactus Flats	LTSP	4.65E-01	<MDL	5.84E-01	1.19E-01	2.61E-01	5.22E-01	<MDL	NA	8.15E-02
07/30/00	Cactus Flats	LTSP	1.92E-01	<MDL	4.88E-01	5.37E-02	9.41E-02	2.94E-01	<MDL	NA	3.74E-02
08/09/00	Cactus Flats	LTSP	1.74E-01	2.69E+00	6.51E+00	4.50E-02	8.04E-01	<MDL	<MDL	NA	3.98E-02
08/19/00	Cactus Flats	LTSP	2.33E-01	1.22E+00	6.79E-01	5.84E-02	1.55E-01	<MDL	1.37E+00	NA	4.41E-02

			<sup>b</sup> Analyte								
Date	Station	Type	Nd	Ni	Pb	Pr	Sb	Sc	Se	Si	Sm
09/06/00	Cactus Flats	LTSP	1.75E-01	<MDL	8.66E-01	5.10E-02	1.66E-01	<MDL	<MDL	NA	4.14E-02
09/16/00	Cactus Flats	LTSP	1.65E-01	<MDL	7.56E-01	4.84E-02	1.18E-01	<MDL	<MDL	NA	3.48E-02
07/11/00	Near Field	LTSP	1.36E-01	1.79E+00	8.27E-01	4.57E-02	2.08E-01	2.48E-01	<MDL	NA	3.56E-02
07/20/00	Near Field	LTSP	3.49E-01	<MDL	7.69E-01	9.93E-02	2.03E-01	<MDL	<MDL	NA	7.80E-02
07/30/00	Near Field	LTSP	1.83E-01	<MDL	7.54E-01	4.80E-02	9.48E-02	3.48E-01	<MDL	NA	3.02E-02
08/09/00	Near Field	LTSP	1.31E-01	8.38E-01	2.28E-01	3.32E-02	1.84E-01	<MDL	1.36E+00	NA	2.28E-02
08/19/00	Near Field	LTSP	2.85E-01	8.59E-01	8.26E-01	7.11E-02	2.24E-01	1.06E-01	<MDL	NA	5.55E-02
09/06/00	Near Field	LTSP	1.75E-01	<MDL	7.55E-01	5.85E-02	2.13E-01	<MDL	2.66E+00	NA	5.40E-02
09/16/00	Near Field	LTSP	1.50E-01	<MDL	7.56E-01	4.41E-02	9.18E-02	<MDL	1.55E+00	NA	3.84E-02
07/11/00	On Site	LTSP	1.16E-01	2.81E+00	4.34E-01	2.72E-02	1.86E-01	<MDL	<MDL	NA	3.03E-02
07/20/00	On Site	LTSP	4.64E-01	1.47E+00	5.75E-01	1.26E-01	1.38E-01	9.26E-01	<MDL	NA	9.51E-02
07/20/00	On Site	LTSP	2.31E-01	<MDL	1.80E-01	6.06E-02	<MDL	4.02E-01	<MDL	NA	4.46E-02
07/30/00	On Site	LTSP	1.33E-01	<MDL	2.74E-01	3.17E-02	<MDL	2.78E-01	<MDL	NA	2.38E-02
08/09/00	On Site	LTSP	2.01E-01	1.62E+00	8.07E-01	5.53E-02	2.35E-01	<MDL	1.72E+00	NA	5.41E-02
08/19/00	On Site	LTSP	3.40E-01	1.08E+00	9.16E-01	9.10E-02	2.17E-01	1.47E-01	1.02E+00	NA	6.50E-02
09/06/00	On Site	LTSP	2.91E-01	<MDL	9.14E-01	7.10E-02	3.31E-01	<MDL	<MDL	NA	8.28E-02
09/16/00	On Site	LTSP	2.16E-01	<MDL	8.62E+00	6.27E-02	1.22E-01	<MDL	1.31E+00	NA	4.88E-02
09/16/00	On Site	LTSP	1.57E-01	1.03E+00	5.50E-01	4.13E-02	1.17E-01	<MDL	<MDL	NA	3.55E-02
10/4/2000	Cactus Flats	LTSP	1.57E-01	<MDL	9.70E-01	4.25E-02	1.45E-01	<MDL	<MDL	9.09E+02	2.98E-02
10/14/2000	Cactus Flats	LTSP	5.67E-02	6.60E-01	1.60E+00	1.60E-02	1.06E-01	<MDL	<MDL	2.59E+02	1.17E-02
10/14/2000	Cactus Flats	LTSP	7.19E-02	3.62E+00	8.99E-01	1.69E-02	1.57E-01	<MDL	<MDL	4.07E+02	1.79E-02
11/1/2000	Cactus Flats	LTSP	4.70E-02	<MDL	4.93E-01	1.19E-02	2.12E-01	<MDL	<MDL	1.94E+02	<MDL
11/11/2000	Cactus Flats	LTSP	2.16E-02	<MDL	3.63E-01	4.08E-03	1.27E-01	<MDL	<MDL	<MDL	<MDL
11/29/2000	Cactus Flats	LTSP	8.88E-02	<MDL	7.15E-01	2.09E-02	6.05E-01	<MDL	<MDL	5.41E+02	1.72E-02
11/29/2000	Cactus Flats	LTSP	8.02E-02	<MDL	9.73E-01	2.25E-02	2.31E-01	<MDL	<MDL	1.60E+02	1.11E-02
12/9/2000	Cactus Flats	LTSP	7.78E-02	<MDL	6.69E-01	2.48E-02	2.21E-01	<MDL	<MDL	4.31E+02	1.52E-02
10/4/2000	Near Field	LTSP	1.67E-01	3.45E+00	1.36E+00	4.81E-02	1.74E-01	<MDL	<MDL	9.50E+02	3.78E-02
10/14/2000	Near Field	LTSP	5.86E-02	2.13E+00	5.39E-01	1.59E-02	1.27E-01	<MDL	<MDL	2.20E+02	1.44E-02
11/1/2000	Near Field	LTSP	3.58E-02	<MDL	2.75E-01	1.01E-02	1.63E-01	<MDL	<MDL	1.48E+02	9.26E-03
11/11/2000	Near Field	LTSP	1.25E-02	<MDL	4.54E-01	4.30E-03	1.24E-01	<MDL	<MDL	9.97E+01	7.62E-03
11/11/2000	Near Field	LTSP	1.93E-02	<MDL	5.95E-01	5.52E-03	1.68E-01	<MDL	<MDL	<MDL	<MDL
11/29/2000	Near Field	LTSP	1.01E-01	<MDL	8.51E-01	2.91E-02	2.90E-01	<MDL	<MDL	4.29E+02	1.67E-02
12/9/2000	Near Field	LTSP	8.54E-02	<MDL	1.25E+00	2.74E-02	2.33E-01	<MDL	<MDL	2.43E+02	1.90E-02
10/4/2000	On Site	LTSP	2.39E-01	1.69E+00	1.05E+00	7.28E-02	1.93E-01	1.35E-01	<MDL	1.86E+03	5.33E-02
10/14/2000	On Site	LTSP	8.85E-02	1.23E+00	6.54E-01	2.96E-02	9.39E-02	<MDL	<MDL	6.62E+02	2.27E-02
11/1/2000	On Site	LTSP	5.08E-02	<MDL	3.39E-01	1.11E-02	1.82E-01	<MDL	<MDL	2.20E+02	1.00E-02
11/11/2000	On Site	LTSP	3.83E-02	<MDL	4.76E-01	9.64E-03	1.55E-01	<MDL	<MDL	2.33E+02	<MDL
11/29/2000	On Site	LTSP	4.99E-02	<MDL	3.96E-01	1.84E-02	1.90E-01	<MDL	<MDL	4.46E+02	1.15E-02

			<sup>b</sup> Analyte								
Date	Station	<sup>c</sup> Type	Nd	Ni	Pb	Pr	Sb	Sc	Se	Si	Sm
12/9/2000	On Site	LTSP	1.32E-01	6.60E-01	9.69E-01	3.30E-02	2.79E-01	1.10E-01	<MDL	7.64E+02	2.62E-02

<sup>a</sup>Data for July - September, 1999 was reposted June 29, 2000

<sup>b</sup>All concentrations are expressed in nanograms (10<sup>-9</sup> grams) per cubic meter

<sup>c</sup>LTSP = low volume sampler, total suspended particulate; LPM10 - low volume sampler, particulate matter <10um aerodynamic diameter; LPM2.5 = low volume sampler, particulate matter <2.5 um aerodynamic diameter

<sup>d</sup>MDL = minimum detectable limit

<sup>e</sup>NA = not available