

Table 1. Sample Collection Log  
 IRZ Treatability Study  
 Test Boring TSB1  
 Phoenix-Goodyear Airport  
 North Superfund Site  
 Goodyear, AZ

Depth bgs	Matrix	Volatile Organic Compounds		Alkalinity	Alkalinity, Sulfate, and Perchlorate		Nitrate	Total and Dissolved Iron and Manganese Metals	Dissolved Organic Carbon	Dissolved Gases	Microcosm Study		
		(8260B)	(8260B)	SM2320B	(2320 B, 300, & 314.0)		(300)	(6010B)	(9060)	AM20G	(Treatability)		
		S	W	S	W		W	W	W	W	S	W	
95	S											X	
97	S											X	
98	S	X		X									
100	S & W	X	X	X	X		X	X	X	X		X	
105 <sup>1</sup> S <sub>s</sub>	W		X		X		X	X	X	X			X
110	S											X	
115	S & W	X	X	X	X		X	X	X	X		X	
119	S & W		X		X		X	X	X	X		X	X
125	S & W	X	X	X	X		X	X	X	X		X	
127	S											X	
129	W												X
130	S											X	
135	S & W	X	X	X	X		X	X	X	X			
139	S & W	X	X	X	X		X	X	X	X		X	
145	S											X	
150	S											X	
155	S & W	X	X	X	X		X	X	X	X			
160	S & W											X	X
Composite <sup>2</sup>	S & W											X	X

<sup>1</sup> Composite of groundwater from 101-105 feet bgs.  
<sup>2</sup> From IDW Roll-off bin, used for make-up as sample quantity was insufficient  
 S<sub>s</sub> Split sample from soil matrix

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	<i>Total</i>	<i>VOC-S</i>	<i>VOC-W</i>	<i>Alkalinity-S</i>	<i>Alkalinity, Sulfate, Perchlorate-W</i>	<i>NO3</i>	<i>Dissolved Metals</i>	<i>DOC</i>	<i>Dissolved Gasses</i>	<i>Microcos m-S</i>	<i>Microcos m-W</i>
Soil	17	7	0	7	0	0	0	0	0	14	0
Water	11	0	8	0	8	8	8	8	8	0	5

Total Samples: 81

<u>SOIL ANALYSES</u>	Samples	Replicates	Blanks	Total
VOC	7	0	0	7
Alk	7	0	0	7
Microcosm	14	0	0	14

<u>WATER ANALYSES</u>	Samples	Replicates <sup>3</sup>	Blanks	Total
VOC	8	4	10	22
Alk,SO4,CLO4	8	4	2	14
Nitrate	8	4	2	14
Diss Metals	8	4	2	14
DOC	8	4	2	14
Diss Gasses	8	4	2	14
Microcosm	5	0	0	5

Total Samples and Associated Quality Control Samples: 125

<sup>3</sup> Includes 3 duplicates and 1 split sample