

TABLE 2.6
Summary of Analytical Results
for TCLP Metals and Acid Generating Indicators in Composite Soil Samples

Analyte	TCLP Standard	Comp-1 (Middle Pile)	Comp-2 (Middle Pile)	Comp-3 (Middle Pile)	Comp-4 (Middle Pile)	Comp-5 (North Pile)
As	5	ND	ND	ND	ND	ND
Ba	100	1.9	2.9	1.5	2	0.8
Cd	1	ND	ND	ND	ND	ND
Cr	5	ND	ND	ND	ND	ND
Pb	5	ND	ND	ND	ND	ND
Hg	0.2	ND	ND	ND	ND	ND
Se	1	ND	ND	ND	ND	ND
Ag	5	ND	ND	ND	ND	ND
Acid Generating Potential Indicators						
AGP (CaCO ₃ T)		3.1	1.2	3.1	1.2	5.6
ANP (CaCO ₃ T)		22	90	20	26	10
pH		7.7	8.76	7.72	7.83	3.59
<i>Calculated NNP (ANP-AGP)³</i>		18.9	88.8	16.9	24.8	4.4
Analyte	TCLP Standard	Comp-6 (North Pile)	Comp-7 (North Pile)	Comp-8 (North Pile)	Comp-9 (South Pile)	Comp-10 (South Pile)
As	5	ND	ND	ND	ND	ND
Ba	100	1.4	1	0.9	1	0.8
Cd	1	0.03	0.09	ND	ND	ND
Cr	5	ND	ND	ND	ND	ND
Pb	5	ND	ND	ND	ND	ND
Hg	0.2	ND	ND	ND	ND	ND
Se	1	ND	ND	ND	ND	ND
Ag	5	ND	ND	ND	ND	ND
Acid Generating Potential Indicators						
AGP (CaCO ₃ T)		2.5	3.1	4.7	6.9	14.4
ANP (CaCO ₃ T)		20	21	34	15	16
pH		7.58	6.26	7.07	7.12	6.58
<i>Calculated NNP (ANP-AGP)¹</i>		17.5	17.9	29.3	8.1	1.6

NOTES:

1 = Net neutralization potential calculated by subtracting AGP from ANP. Negative values indicate potential for acid generation. Values in the range of -20 to +20 are generally inconclusive, i.e. NNP values in that range are not definitive indicators of acid-neutralizing potential. (Acid Mine Drainage Prediction, EPA530-R-94-036, Dec. 1994, 48 pp).