













Sample	[Se] mg/kg		
Sample	[Se] IIIg/kg		
1	1.71		
2	1.48		
2	1.73		
3	1.28		
Mean	1.55		
Std dev.	0.21		

	Treatment Application Rates					
		gr	appl.			
	Treatment	dry	refuse	rate		
	FeOOH *	72	555	13%		
	Steel wool	30	555	5%		
	* 63% Fe = 4	5 g of Fe				
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Distribution of Selenium in Kanawha Formation (from Roy and Vesper sequential extraction study): Refuse values are averages of shale and coal

	Org shale	Coal	Tailings
Soluble/Exchange	12%	10%	11%
Fe, Mn Oxides	0%	0%	0%
Sulfides	10%	10%	11%
Organic	18%	5%	11%
total extracted	40%	25%	33%
Residual	60%	75%	68%
Total	100%	100%	100%
West Virginia University			Water Research Institute





































