

**Attachment to Supplemental Form 27  
COGCC Remediation #: 10429**

Northwest Quadrant of Pit	
pH -	8.57
S.C. -	441 umhos/cm
S.A.R. -	.963

Northeast Quadrant of Pit	
pH -	8.54
S.C. -	507 umhos/cm
S.A.R. -	.729

Southwest Quadrant of Pit	
pH -	8.25
S.C. -	978 umhos/cm
S.A.R. -	.917

Southeast Quadrant of Pit	
pH -	8.17
S.C. -	632 umhos/cm
S.A.R. -	.916

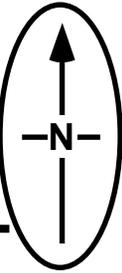
Background Sample 60 feet West of Pit	
pH -	8.40
S.C. -	1430 umhos/cm
S.A.R. -	.671

Background Sample 30 feet North of Pit	
pH -	8.22
S.C. -	746 umhos/cm
S.A.R. -	.797

Approximately 50 yards of discolored soil was removed from the east side of the pit bank. It was determined the discoloration was due to iron sulfide stain.

North Side of East Pit Bank	
Benzene -	ND
Toluene -	1.2 ug/kg
Ethylbenzene -	.99 ug/kg
Xylene (total) -	14.2 ug/kg
TPH-DRO -	39.2 mg/kg

South Side of East Pit Bank	
Benzene -	ND
Toluene -	ND
Ethylbenzene -	ND
Xylene (total) -	6.0 ug/kg
TPH-DRO -	81.6 mg/kg



**Diamond Operating Inc.**  
**Ward Water Pit -- Additional soil sample tests**  
**from east bank of water pit**  
**COGCC Pit #:104604**

Diagram Not To Exact Scale