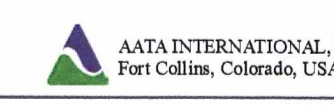

**Lost Creek 18R, LLC**  
 Littleton, Colorado USA  

 ASTA INTERNATIONAL, INC.  
 FORT COLLINS, COLORADO, USA

**Legend**  
 Lost Creek Permit Area  
 Soil Profiles  
 Typical Torriorthent  
 Loamy, mixed, mesic  
 Fine-loamy, mixed, mesic  
 Fine-loamy over sand, mixed, mesic  
 Lands to be Affected by Operations  
 Mine Unit 1  
 Mine Unit 2  
 Mine Unit 3  
 Mine Unit 4  
 Mine Unit 5  
 Mine Unit 6  
 Pipeline  
 Powerline  
 Access Roads  
 Deep Wells  
 Plant

**Plate D7-1**  
 Lost Creek Permit Area Order 3 Soil  
 Survey Mapping Units  
 Lost Creek Permit Area **D-03**  
 Issued For: WDEQ-LQD 4.0 Drawn By: EB/HN  
 Issued/Revised: 7 October, 2009  
 Drawing No: WDEQLQD1.0 FIGD7-1.11.14.07  
 0 0.2 Miles 1 inch = 500 feet