



**EXPLANATION**

**UNCONSOLIDATED MATERIALS**  
 General Symbol Ab (c)(t)  
 A - Genetic Symbol  
 b - Lithologic Symbol  
 (c) - Qualifier Symbol  
 (t) - Approximate Thickness  
 (A)(C) - Sequential Units

**BEDROCK MATERIALS**  
 SC - Precambrian schist. May include quartzite, gneiss, and other rock types. Generally moderately to strongly weathered to depths of at least 10 to 15 feet.

**Genetic Symbols**  
 T - Tailings  
 A - Alluvium  
 F - Fill

**Lithologic Symbols**  
 u - silt  
 s - sand  
 g - gravel

**Qualifier Symbols**  
 u - unconsolidated  
 c - compacted  
 t - tallich-cemented

**SYMBOLS**  
 — Contact  
 □ Backhoe test pit location and no.

**SURFICIAL UNITS**  
 Tms(u) - Tailings: silt/sand (unconsolidated)  
 Frt(u) - Fill: rock rubble, and other (unconsolidated)  
 Asg(f,c) - Alluvium: sand/gravel (unconsolidated) morphology, caliche-cemented

Note: Base map prepared by Aerial Mapping, Inc. for Zortman Mining Co.

REVISIONS	
NO.	DESCRIPTION DATE

  

<b>SERGENT, HAUSKINS &amp; BECKWITH</b> CONSULTING GEOTECHNICAL ENGINEERS	
<b>PLATE 1 SITE PLAN AND ENGINEERING GEOLOGIC MAP OF PROPOSED LEACH PAD AREA</b>	
JOB NO. E87-11	DATE DESIGNED BY: JRF
DESIGNED BY: PVS	CHECKED BY: CAW
DRAWN BY: JRF	SHEET NO. 1