NORTH

SCALE
(In Feet)

225 0 225 450 675

LEGEND

- EXISTING SUBSURFACE SOIL SAMPLE BORE HOLE
- PROPOSED SUBSURFACE SOIL SAMPLE BORE HOLE
- EXISTING SURFACE SOIL SAMPLE
- PROPOSED SURFACE SOIL SAMPLE
- TEST PIT
- EXISTING MONITORING WELL
- NEW MONITORING WELL
- ABANDONED MONITORING WELL
- PRIVATE WELL
- PIEZOMETER LOCATIONS
- SURFACE WATER MONITORING SITE
- STORM WATER MONITORING SITE
- AIR SPARGE MONITORING WELL
- AIR SPARGE WELL
- FUMED/UNFUMED SLAG TEST PIT
- EPA PRB TEST WELLS
- CREEK ELEVATION SURVEY POINT
- PONDED WATER SAMPLING SITE

AQUIFER DESIGNATION

AQUIFERS: For purposes of clarity and for future discussions, aquifers for the East Helena Site are identified as follows:

P PERCHED AQUIFER: Saturated slag, fill or unconsolidated sediments separated from the shallow alluvial aquifer by fine-grained marsh deposits (organic rich silt or clay).

U UPPER AQUIFER: The first continuous zone of saturated unconsolidated sediments. The Upper Aquifer typically consists of the upper 8 to 15 feet of saturated alluvium.

I INTERMEDIATE AQUIFER: The next water producing zone (typically sand and gravel alluvium) below the Upper Aquifer. The Intermediate Aquifer is typically (but not always) separated from the Upper Aquifer by a thin (1 to 3 feet) fine-grained clay or silt layer and is typically more than 10 feet below the shallow aquifer water table. The Intermediate Aquifer is underlain by the Ash/Clay Unit. The Ash/Clay Unit is typically 20 feet or thicker under the plant site area.

D DEEP AQUIFER: Includes the water bearing zone in deeper horizons of the Ash/Clay Unit, sand or gravel materials below the fine-grained Ash/Clay Unit, or may include bedrock aquifers beneath the Ash/Clay Unit.

ND NO DATA

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PHASE II RCRA FACILITY INVESTIGATION
SITE CHARACTERIZATION WORK PLAN
ASARCO EAST HELENA FACILITY

CURRENT AND HISTORIC SAMPLING LOCATIONS

DRAWING FILE NUMBER
105408H006
AUTOCAD 2000 DRAWING (DWG)
EXHIBIT
1