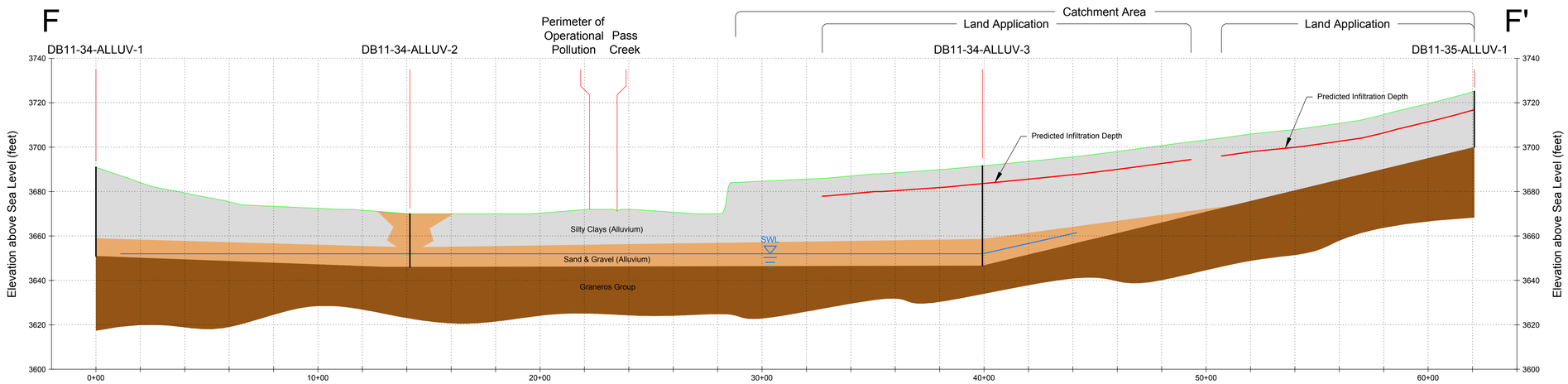
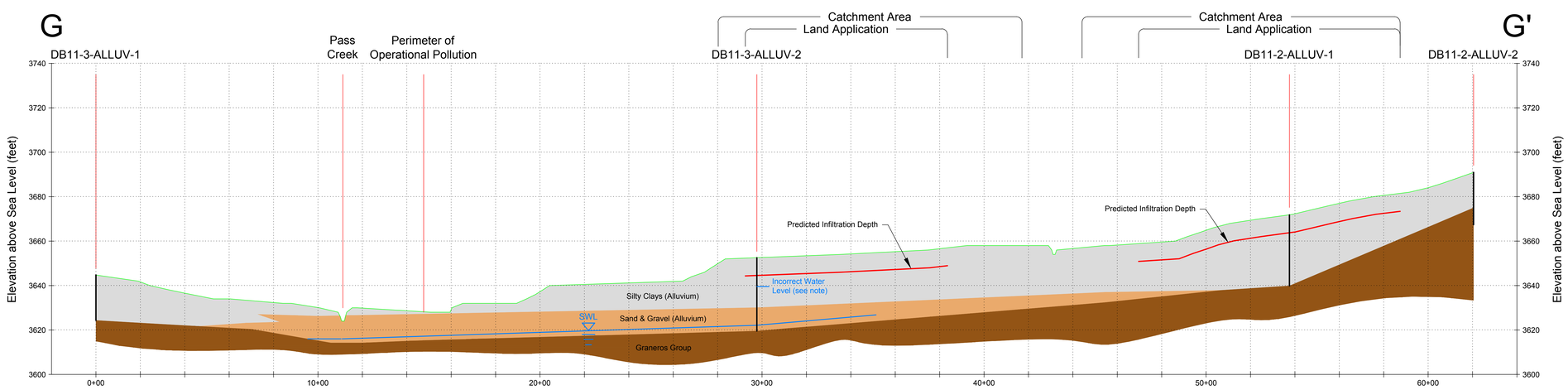
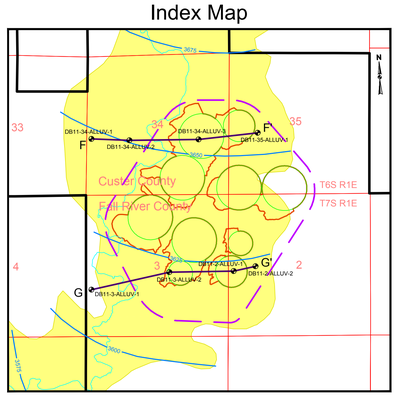




NOTE: The static water level surface depicted on the cross sections and the potentiometric contours depicted on the index map are based on Figure 3.7-8, which was prepared using all water level measurements collected during the May 2011 alluvial drilling program except the water level recorded at DB11-3-ALLUV-2, which is believed to have been recorded in error. Potentiometric contour elevations are in feet above sea level.

Index Map



Cross Section Legend

- Silty Clays (Alluvium)
- Sand & Gravel (Alluvium)
- Graneros Group
- SWL — Static Water Level Elevation from Potentiometric Contour Map (see note)

Index Map Legend

- Project Boundary
- Land Application
- Alluvium
- Pass Creek
- 3625 — Potentiometric Contour (see note)
- Burdock POP Zone
- Catchment Areas

Horizontal Scale

Feet: 0 100 200 400 600 800

Meters: 0 100 200 400

Vertical Scale

Feet: 0 10 20 40 60 80

Meters: 0 50 100 200

CONSULTANT

REVISIONS

#	DRAWN	CHECKED	APPROVED	DATE

REF 874

CHECK SCALES

If this bar does not measure 1 inch this map is not at its original scale

Arch E 36" x 48"

POWERTECH (USA) INC.

Plate 3.6-10

Pass Creek Alluvium Cross Sections

Dewey-Burdock Project

PLOT DATE	28-Jun-2012	DATE	19-Jun-2012
DRAWN	Hetrick, Lichnovsky	PDF FILE	Plate 3.6-10_SectionF-F.pdf
CHECKED	J. Bonner, J. Mays	CAD FILE	p:\dewey-burdock\submittals\groundwater discharge permit\finals\plates\sectionf-f.dwg
COORDS	NAD 27, South Dakota State Plane South (feet)		