

EXPLANATION

Geologic Units

- Quad**
Undifferentiated alluvium and rock fall debris. Includes basalt blocks of various sizes
- Qd/Qls**
Rock fall/debris debris. Includes basalt blocks of various sizes
- Tl**
Lava/ry Basalt

Symbols

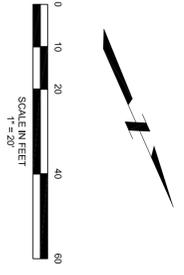
- Geologic contact, approximately located, queried where uncertain
- Strike and dip (in degrees) of joint
- Strike of vertical joint
- Open joint, approximately located
- Topographic break in slope
- Generalized geologic cross section, see Drawing 1 for full extent
- Concrete weir, vertical slab for flash boards shown in black, rock walls shown as black lines
- Weir 12
- Flow direction of Big Chico Creek
- Spot elevation
- X El. 611
- A El. 611
- Monitoring point to analyze block movement, established by Department of Water Resources on February 22, 2006
- Viewpoint and extent of photomosaic, approximately shown

NOTES:

1. Geologic features approximately located using standard tape and compass techniques. Locations may differ from photo base due to photo aspect and distortion.
2. Site conditions may have changed since geologic reconnaissance was performed in December 2005, February 2006, and May 2006.
3. Photographs taken: June 30, 2000.
4. Spot elevations surveyed by Department of Water Resources. Surveying performed July 2000 and February 2006.
5. Vertical datum: NAVD83, feet.

REFERENCE:

General Plan, Sheet 3 of 16, Preliminary Engineering Report, Iron Canyon Fish Passage/Fish Ladder Construction, Butte County, California, prepared by Department of Water Resources, dated October 3, 2001.



Title No.	Description	Date	Drawn	Checked	Revised	Field

SAGE
SAUNDERS & ASSOCIATES
GEOSTRUCTURAL ENGINEERING, INC.
Geotechnical • Structural • Geophysical
www.sageinfo.com

4180 Redwood Hill, Suite 100
Corte Madera, CA 94528
F (916) 726-2700

5403 El Estero Ave.
Petaluma, CA 91101
F (423) 792-8440

HDR
HDR Engineering, Inc.

300 Lakeside Drive, Suite 100
Oakland, CA 94612
F (415) 778-2000

10000 Wilshire Blvd., Suite 1000
Beverly Hills, CA 90210
F (310) 277-2000

Project Manager
S. Plonk

Designer
D. Kennedy

Checked
D. S. Kieffer

Drawn
G. Baker

Chico Butte County California

SITE PLAN AND GEOLOGIC RECONNAISSANCE MAP

Big Chico Creek in Upper Bidwell Park

Date: 5/24/06
Scale: 1" = 20'

Project No.: SE05-071
Drawing No.: 2