Willow Creek Prospect
Objectives

- Confirm location of historic mining prospect
- Record GPS coordinates
- Document mineralogy
- Record orientation of adits and surrounding geology
- Compare findings with 1987 Bureau of Mines report
Mineralogy

Barite
Mineralogy

Galena
Mineralogy

Sulfide Ore (Sphalerite?)
Geologic Orientation

- Dolomite Country Rock bedding strikes due north, dips at 40-50° due west
Geologic Orientation

- Bearing of Adit was 152°, depth approximately 12’.
Fault Orientation

- Fault comprised the south wall of adit
- Strike 152°, Dip 78 NE
- Slickensides clearly visible
History

- Earliest claims date from 1882.
- Originally seeking silver and gold.
- Other minerals lead, zinc, and barite.
- Most recent activity 1955 by Floyd Sherry of Mackay.
- Our findings confirm report MLA 79-87.
Capstick, D. O., Mayerle, R. T., Buehler A. R., Mineral Resources of the Borah Peak Study Area, Custer County, Idaho. MLA 79-87, Bureau of Mines, Western Field Operations Center, Spokane, WA.
THANKS
To Mike Weaver for All His Help