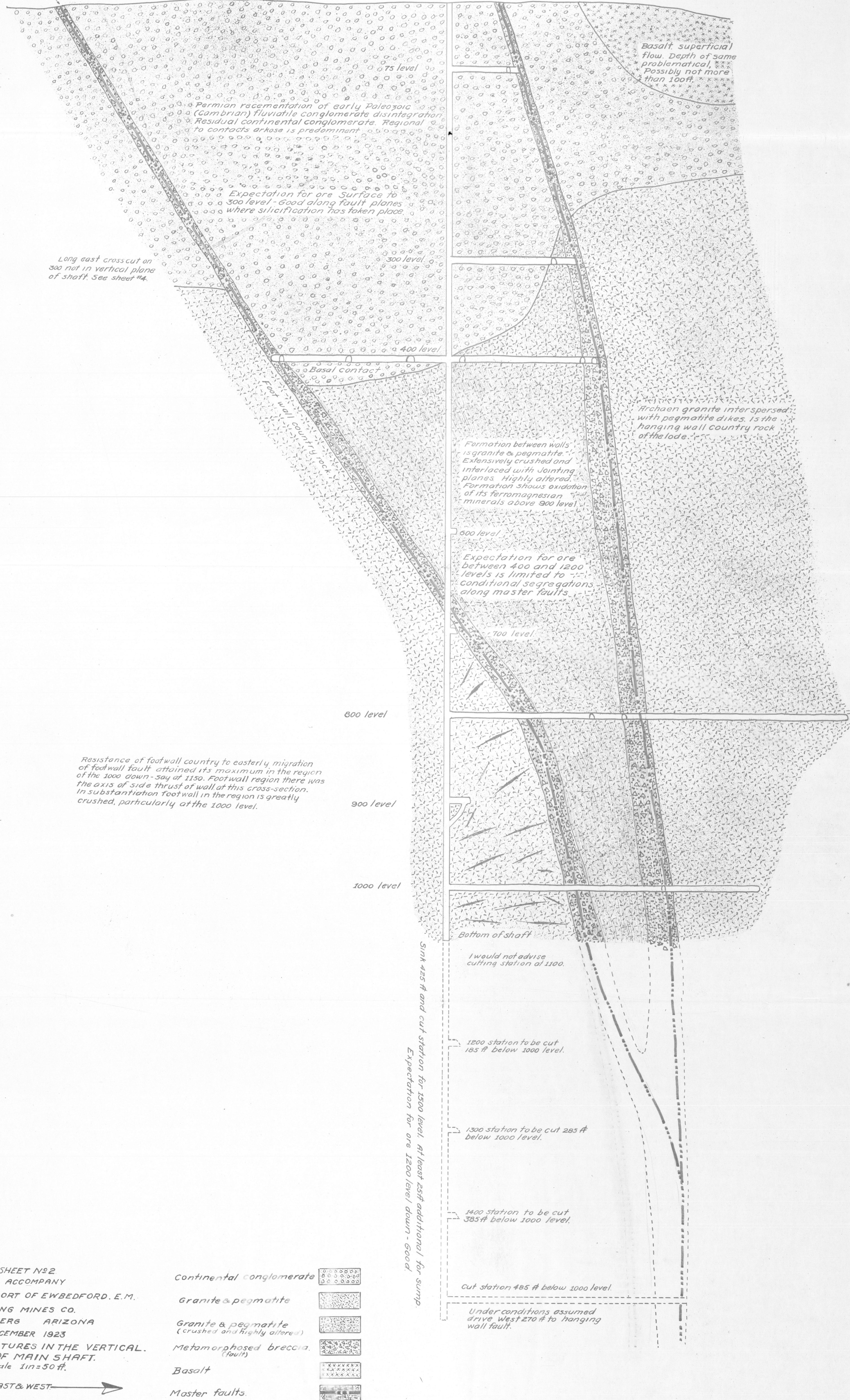


Footwall fault Average dip to 1000 level 57°W

MAIN SHAFT

Hanging wall fault Average dip to 1000 level 79°30'W



Basalt superficial flow. Depth of same problematical. Possibly not more than 100ft.

Permian recementation of early Paleozoic (Cambrian) fluvial conglomerate disintegration. Residual continental conglomerate. Regional to contacts arkose is predominant.

Expectation for ore Surface to 300 level - Good along fault planes where silicification has taken place.

Long east cross cut on 300 not in vertical plane of shaft. See sheet #4.

Basal contact

Foot wall country rock

Archaean granite interspersed with pegmatite dikes. Is the hanging wall country rock of the lode.

Formation between walls is granite & pegmatite. Extensively crushed and interlaced with jointing planes. Highly altered. Formation shows oxidation of its ferromagnesian minerals above 900 level.

Expectation for ore between 400 and 1200 levels is limited to conditional segregations along master faults.

Resistance of footwall country to easterly migration of footwall fault attained its maximum in the region of the 1000 down-say at 1150. Footwall region there was the axis of side thrust of wall at this cross-section. In substantiation Footwall in the region is greatly crushed, particularly at the 1000 level.

I would not advise cutting station at 1100.

1200 station to be cut 185 ft below 1000 level.

1300 station to be cut 285 ft below 1000 level.

1400 station to be cut 385 ft below 1000 level.

Cut station 485 ft below 1000 level.

Under conditions assumed drive West 270 ft to hanging wall fault.

Sink 225 ft and cut station for 1500 level. At least 25ft additional for sump. Expectation for ore 1200 level down - Good.

SHEET NO 2  
TO ACCOMPANY  
GEOLOGICAL REPORT OF EW BEDFORD, E.M.  
YOUNG MINES CO.  
YOUNGSBERG ARIZONA  
DECEMBER 1923  
GEOLOGICAL FEATURES IN THE VERTICAL.  
PLANE OF MAIN SHAFT.  
Scale 1 in = 50 ft.

- Continental conglomerate
- Granite & pegmatite
- Granite & pegmatite (crushed and highly altered)
- Metamorphosed breccia (fault)
- Basalt
- Master faults.

← EAST & WEST →