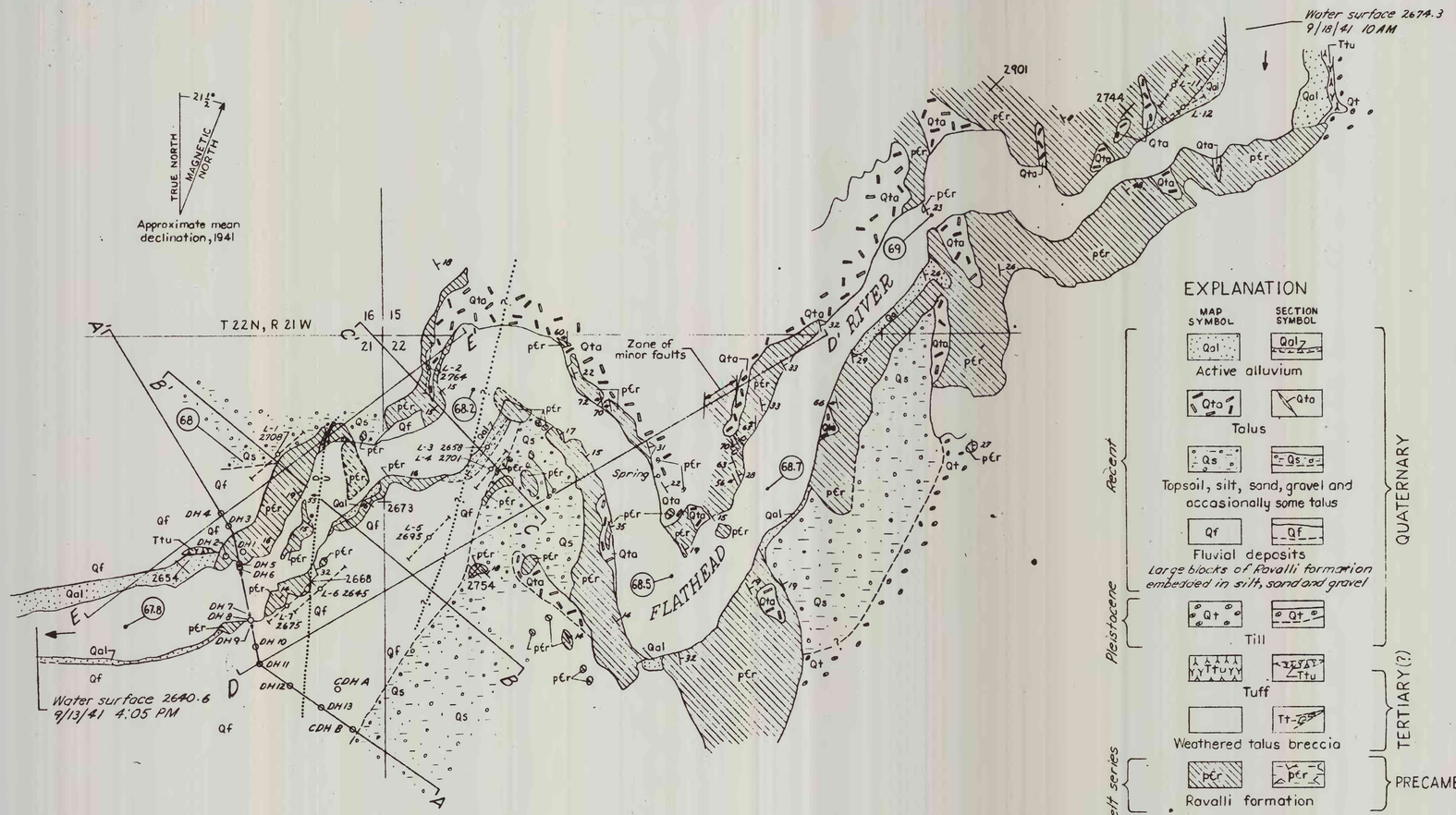
57-105



EXPLANATION

MAP SYMBOL	SECTION SYMBOL		
Qal	Qal	Active alluvium	QUATERNARY – Recent
Qta	Qta	Talus	QUATERNARY – Recent
Qs	Qs	Topsoil, silt, sand, gravel and occasionally some talus	QUATERNARY – Recent
Qf	Qf	Fluvial deposits *Large blocks of Ravalli formation embedded in silt, sand and gravel*	QUATERNARY – Recent
Qt	Qt	Till	QUATERNARY – Pleistocene
Ttu	Ttu	Tuff	TERTIARY (?)
	Tt	Weathered talus breccia	TERTIARY (?)
pCr	pCr	Ravalli formation	PRECAMBRIAN – Belt series

Contact
Dashed where inferred or indefinite

Fault, showing dip
Dotted where concealed
U, upthrown side; D, downthrown side

Doubtful or probable fault

Strike and dip of beds

Strike and dip of shears

Line of section

Diamond drill hole
Drilled by Montana Power Company, 1953

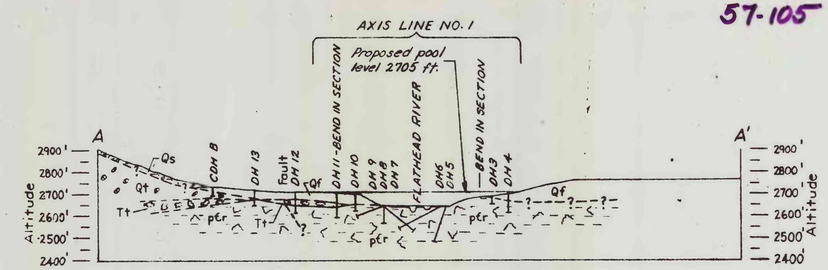
Churn drill hole
Drilled by Montana Power Company, 1952(?)

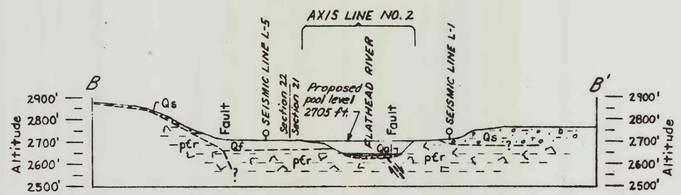
Seismic line
With location and altitude of shot point
Corps of Engineers, United States Army, 1941

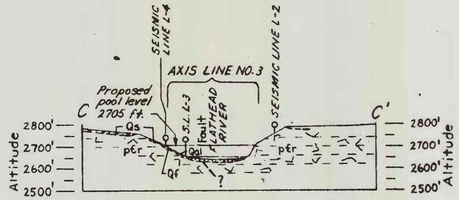
Plane table bench mark with altitude

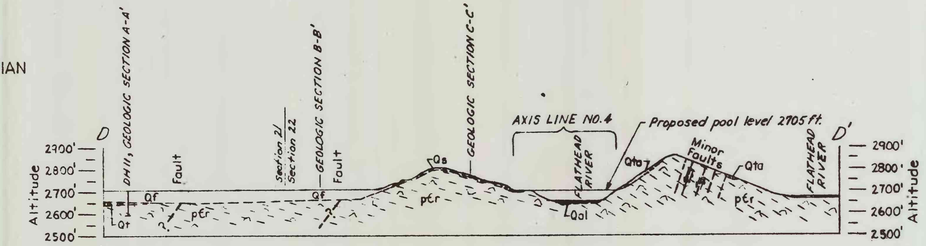
Found corner with altitude

River mileage
With respect to mouth of river

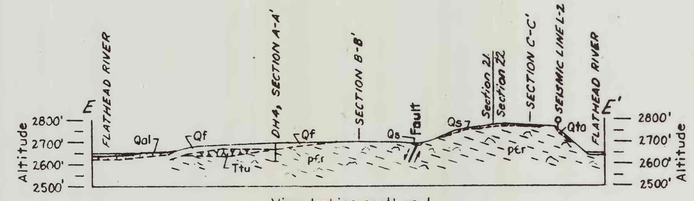








Above sections looking downstream



View looking northwest

GEOLOGIC MAP AND SECTIONS OF

BUFFALO DAM SITE NO. 1 AREA

LOWER FLATHEAD RIVER
LAKE COUNTY, MONTANA

Scale
400 0 400 800 1200 1600 2000 Feet

1955