



**EXPLANATION**

Quaternary

- Qal Alluvium

Tertiary

- Ti Intrusive Rocks
- Tpv Tpm Volcanic Rocks Marine Rocks
- Tmb Tmbu Bear Lake Formation
- Tos Stepovak Formation
- Tet Eocene Tolstoi formation

Cretaceous

- Kh Hoodoo formation
- Kc Kcc Chignik formation Coal Valley member
- IKh Herendeen formation
- JKs Stanikovich formation

Upper Jurassic

- Jn Naknek formation

MESOZOIC

Anticline axis

Syncline axis

Dashed where concealed or uncertain

Dip and strike

Fault trace

Hachlines on downthrown side

Contact

Probable contact

0 1/2 1 2  
Scale in miles

State of Alaska  
 DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS  
**GEOLOGY OF HERENDEEN BAY AREA**  
 Compiled from geology by C.R. Burk

Field work, W.M. Lyle & R.L. Dohy  
 By: Compilation, W.M. Lyle Scale: 1:63,360

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