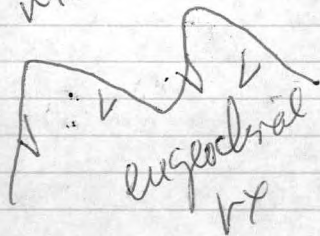
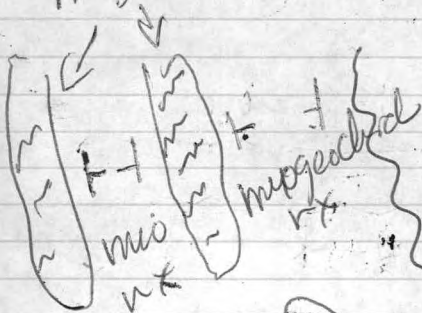


Derk T-K.


magnetit wells





TANTINA

STRATI SECTION

TRIASSE
↓

MidDev  un

Paleozoic  un
LE

 un
Wunderwerk

Wend - quartz &
Siltstone

LE - archeanathid
ls reef

& brn limy argillite

South westward
becomes thin ls
300 ft thick but
structurally repeated
up to 12 times.

Kechika

- orange phyllite
& tuff beds

- mid ord → Sil

- black slates

- intertidal & supratidal

- proptobitic.

- volcanic throughout

- overlain by platy
Siltstone

- Fragmental luffs vs
arcoid fragments.

mid devonian

3000 FT thick -
all dm supra to
inter tidal.

SS becomes dominant
southwestward
- mudcracks

1- Black clastic
unit - black slate
grades upward into
bright orange weathering
acid undersat volc.
with 5 to 10% py
throughout.

~~above that~~
orange weathering
cherty unit = volcanic
unit

~~the~~
TRIASSIC -

Structurally complex
Shallow marine
intertidal rx -
bioclastic, Coeloceras
conodonts, carbonate
clasts. bioturbated.

engleclinal rx

underlain everywhere
by thrust.

Economic targets

Windermere -

Norquest type PbZn

L E - sheet like facies -

Tintina silver

- could be strata related

~~Oriskany facies~~ -

Ketchikan ^{By} ore

in [±] mm are
in Dewole

Ord - good for
Howards Pass +
Arril type rx

Sobka environment
- good for Barnes Reef
type PbZn

- ba veins are present
just below volc &
orange clay tuff -
lotsa bedded barite
at some strat level
as Tom Deposit.

acid volcanic pile -
unique

- submarine explosion

- lotsa py.

- MM

M.E.G. MEETING - Devonshire - 12:00 noon

Wednesday, January 7, 1976

SPEAKER - D. J. Templeman-Kluit

TOPIC - General Geological and Exploration Targets
of the Pelly Mountain area, central Yukon.

014228