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JERSEY - EMERALD TUNGSTEN

June 20, 1996 Sunny, warm

Linda Dandy, Karen Soby, Paul Wilkin,
Jack Denny, Doug? Murray (Ken's brother)A1 - Overview of HB - P3-B

- skip ch in bottom of valley
- Black Rock horizon to west

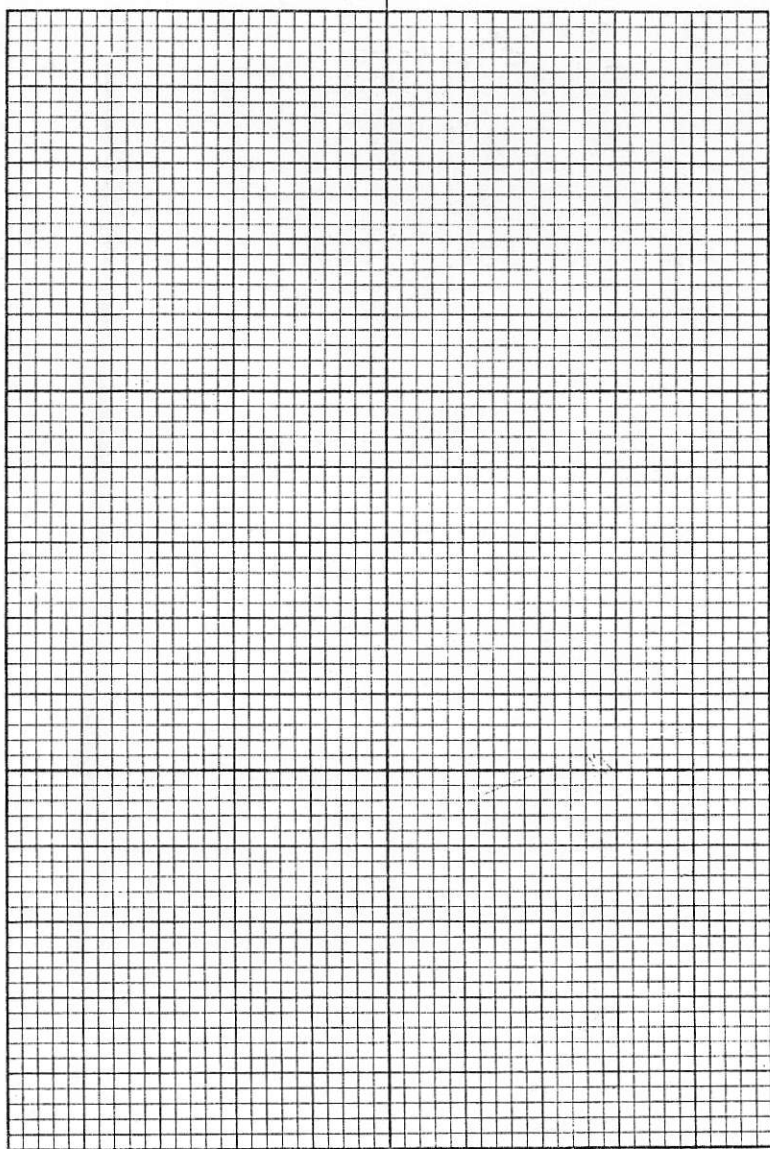
A2 Emerald Tungsten open pitP3-11 po with fig. disc schalote
probably, thin wedge of
dolomite

P3-12 banded lst - leaves

P3-13 po in lst - slab

P3-14 po are cutting across
layered lstP3-15 molybdenite in greenish
crotched up Emerald's argillite

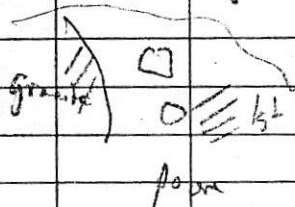
90



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P16 - Siliceous? as brownish patches
(fragments) in gtz cut by
greenish material (kimberlite?)
(conglomerate)

P17 Emerald Turquoise Open Pit
- looking ~ SSE



A3 Jersey Mine

- dolomite can be many colours
according to mine geologist
brown common, black, white
 - lot more crystalline
 - lamprophyre dyke down middle
of pit
 - argillite in pit dumped here
 - galena obvious, fine grained
→ mineralization can be in left
- P18 - galena bands that to Jersey

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P19 - close up of A of c
- upper pyrite thin layer below
magnet and arrow below it

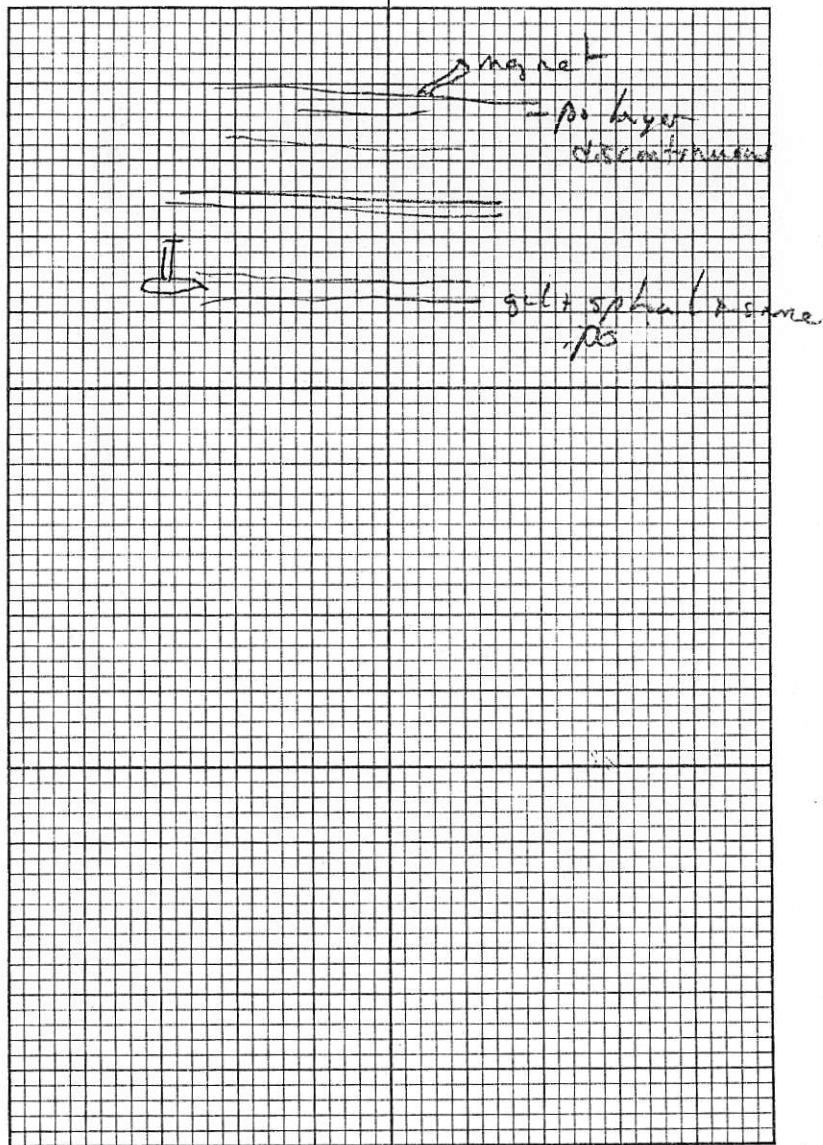
"Lower Lead Band" ?
higher up in pit "Lower Zinc Band"

P20 - quarter in view - close up of
middle layer from P19 - all
po with calcite & limonite
interbeds

P21 - hammer on "Lower Zinc Band"
mineralization - brown
sphalerite throughout
- auger? of carbonate
- pyrite

P22 - hammer on calcite pyrite structure
in dolomite?

P23 - overview with Linda and Kasper



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Δ4 Dodge dump near adit

P24 - garnet-actinolite schist
would carry tungsten
- hammer

- also granite, minor por-phire
and gta + mo and qtz-hidspn-
biotite epite with minor
↑ greissen?

Lunch

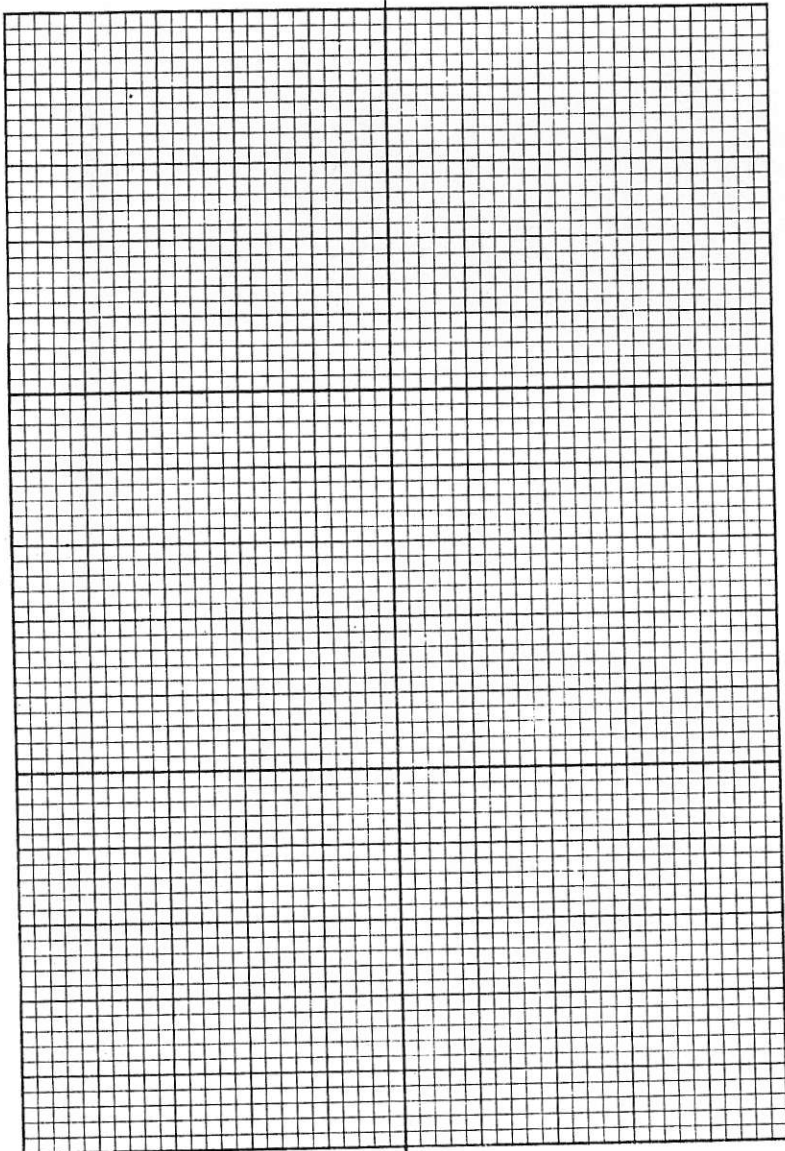
Δ5 Allowed underground portal
to bismuth zone

4200
60k
- have back soil anomaly at
Loray - up to 9000 ppm
- ? source?

Δ6 bismuth zone in well
- near intersection
with surface J.N.
holes

- 5 to 50' thick
- between bed + granite
- granite folded

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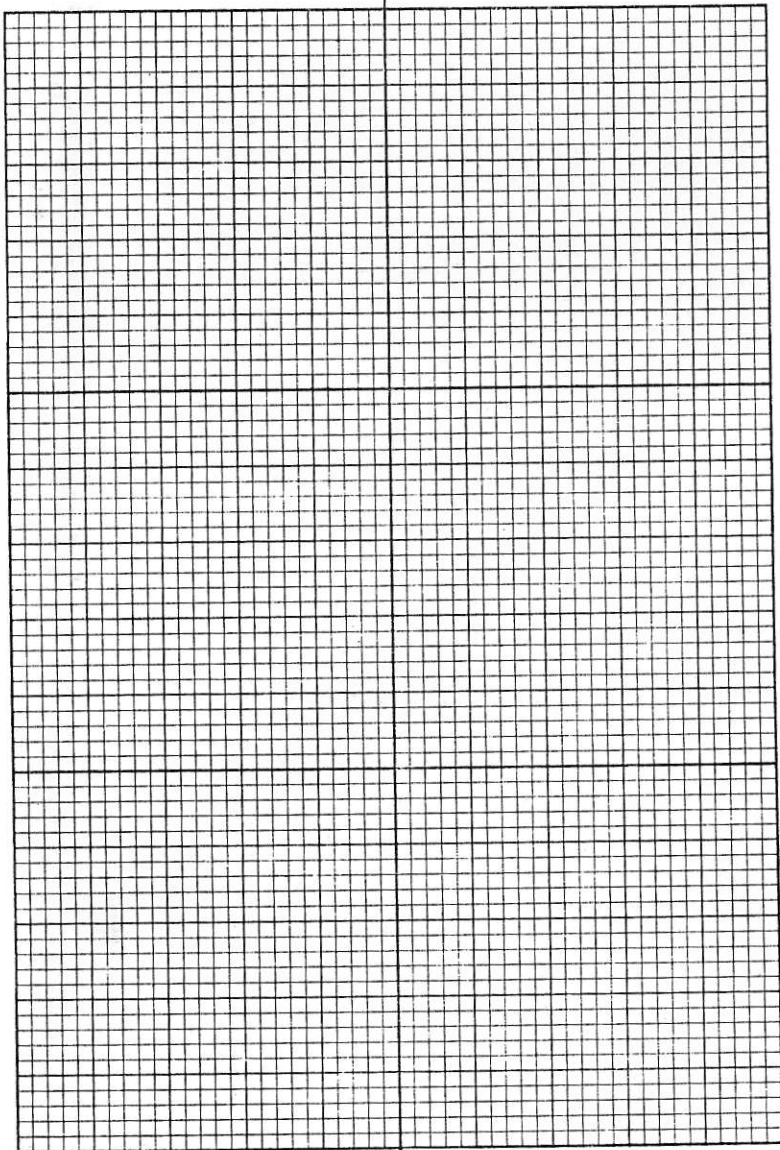
- qtz vein with pyrite patches
and minor silver-gray
arsenopyrite ^{to mark} - sharp contacts
- above it is an arsenopyrite
pod, minor aspy - crystals transverse
 - aspy has irregular shape,
discontinuous
 - qtz vein at contact between
1st & 2nd silts?

P25 - qtz vein with pyrite, aspy
qtz crystals growing into
conduits

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- another exposure above
shaft filled with
H₂O
- totally within 1st
 - radiating aspy with
minor white qtz grades
into qtz with minor
arsenopy

P26 radiating aspy in massive part
of pod



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Δ8 thin aspy vein - slightly
X cutting

P27 radiating aspy with

Δ9 walked N? to see
P28 zinc-rich pillars
- sample from banded

P28 - calcite in zinc-rich
band - deformation

- 5m from normally banded
pillar with high-zinc
- could convince yourself
about replacement

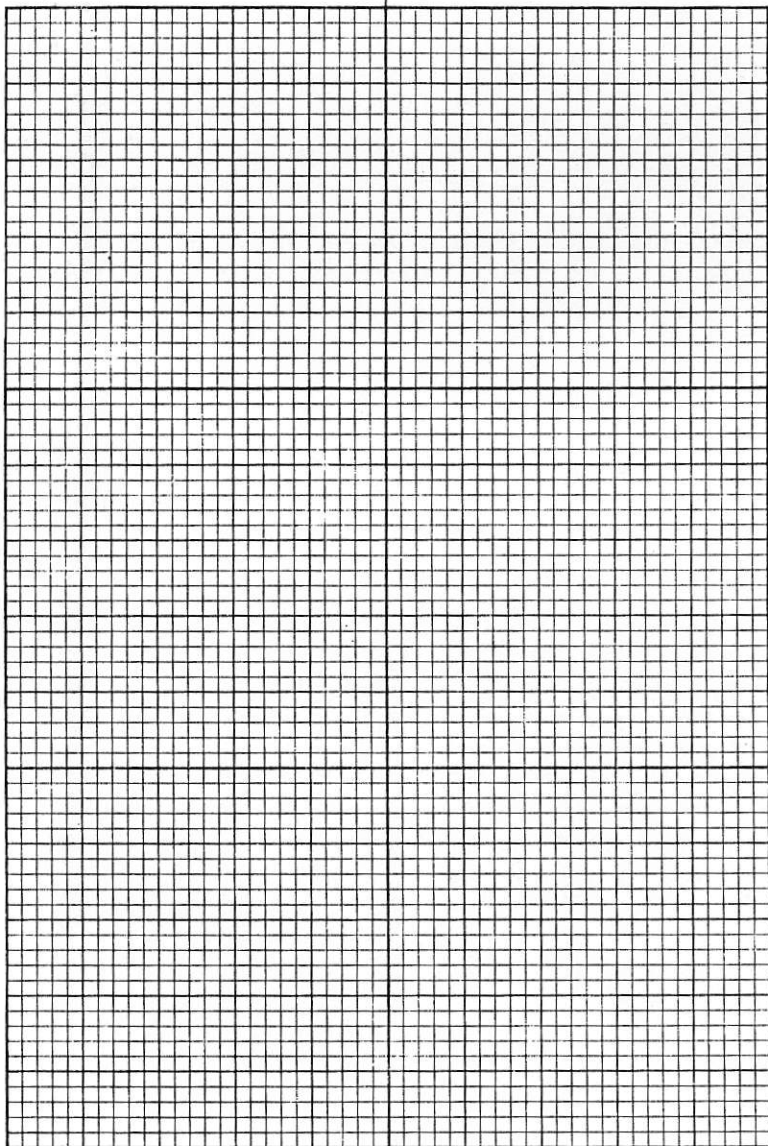
Δ10

walked up waterline to

potholes
in low places

very rusty shale o/c which
is apparently bracketed
by two "limestone" units - limestone
units appear to be interbedded
very siliceous but weather
like a lot of are eastern sand
has weathered bands of siliceous
more softer matrix of dolomite

resemble
units



101

Δ11

- Sno balls on Bear Grass
 - white flowers on way
 to Leroy
 - qtz - bismuth (trace) - pyrite at
 audit
 - trench and pit above
 - ~~test~~ will test theory of
 Au at 1st/ Emerald argillite
 contact

Vertical Vein

P29 Group at Leroy Vein trench

P30 Linda coming down

P2-31 Spotted ore from Jersey
 Mine open pit -
 clark of dolomite, Gg. calcite,
 rare quartz in a matrix of galena,
 Fe diss. sphalerite, carbonate and
 garnet?

P2-32 arsenopyrite and qtz from
 underground, 1st stop

upper trench

massive py or po

