GEOLOGIC OUTCROP MAP OF THE STATE OF MAINE AREA

TOMBSTONE MINING DISTRICT
Cochise County, Arizona

ROCK TYPES

Qal — Quaternary alluvium and stream wash

Man-made mine dumps

In the following Rock-Type Color Symbols, Heavy Coloration indicates Outcrop and Light Color Indicates Float, i.e. boulders and fragments approximately in place and indicating bed rock type but not attached to bed rock. Veins, dikes and other small features cannot be reliably traced through this type of cover.

Rhyolite porphyry - Occurs as dikes and sills

Ksg — Schieffelin granodiorite - Intrusive mass lying to the north of the State of Maine area. Possible outcrops within the base map area have not been mapped.

Andesite porphyry - Occurs as dikes and possibly sills. Pre-Mineral in age, though not always affected by hydrothermal alteration even in mineralized areas. Characteristically found in northeast trending dikes in the Tombstone Basin where it is associated with ore bodies. Very prolific in the Robbers Roost breccia pipe area.

Kup — Uncle Sam porphyry - Quartz latite occurs as a thick sill, possibly intruded along a pre-existing thrust fault, and comprising most of the bedrock to the south and west of Tombstone. Both dike-like and sill-like relations are seen in the State of Maine area, however sill-like relations appear to predominate, with Paleozoic and Mesozoic sediments thought to underlie the present surface at a probable depth of between 100 and 300 feet.

BISBEE GROUP SEDIMENTS

Kb — Shale, sandstone, quartzite and redbeds - Undifferentiated Morita and Cintura formations, approximately 3,500 feet thick.

Kbbl — Limestone - Probably the "Ten Foot" and "Blue limestone", about 50 to 75 feet in total thickness.

Kn — Novaculite member of the Tombstone area Bisbee formation

Kbg — Glance conglomerate - Quartz pebble conglomerate, occurs only in the Fox Ranch area. Apparently absent in the remainder of the known Tombstone district.

PALEOZOIC SEDIMENTS

Pn — Naco limestone - Not identified on the surface in the State of Maine area, shown only on cross sections.

Other Paleozoic sediments undifferentiated.

SYMBOLS

Mine shaft, with and without dumps. - hachures show direction of inclination.

X — Prospect

Primary survey control point, First order survey

Claim monument or stake - Ground targeted and surveyed photogrammetrically to nearest 1/2 foot.

X——X — Fence line

8 9 / 17 16 — Section corner

Roads - paved, improved dirt and bulldozer road or jeep trail.

Exact plot of dozer trench

Approximate location dozer trench

Cross section

Proposed rotary or diamond drill hole

Completed rotary, hammer or diamond drill holes (RDH-HDH-DDH)

Proposed air track drill hold

45 — Vein or vein zone showing showing moderate to intense alteration and limonite. Predominate sericitic alteration and red to maroon limonite.

42 — Vein or vein zone showing weak to moderate alteration and limonite. Predominate argilic alteration and orange and yellow limonite.

80 — Manganese oxide mineralization

Silicification

72 — Mineralized joint systems, color denotes alteration and mineralization as in vein systems.

Calc-silicate alteration in limey sediments

Anticline or syncline showing apparent direction of plunge

Fault mapped on the ground

Photo linears - Identified on black and white vertical air photos of the area. Probably represents fault or fracture zones.

scale

200 0 200 400

1" = 200'

Contour Interval is 5 feet

13°
N

JAMES A. BRISCOE, CONSULTING GEOLOGIST

STATE: Ariz	PROJECT - 101	DATE: Sept. 1973
COUNTY: Cochise	Tombstone Mining District	GEOLOGY BY: J. A. Briscoe
MINING DIST: Tombstone		DRAFTED BY: J.B.
MT'N. RANGE:		SAMPLES ASSAYED BY: Hawley and Hawley

SCANNED 2-2010 NJN

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Cochise County, Arizona

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1" = 200'

Contour Interval is 5 feet

JAMES A. BRISCOE, CONSULTING GEOLOGIST

STATE: Ariz.
COUNTY: Cochise
MINING DIST: Tombstone
MTN. RANGE:

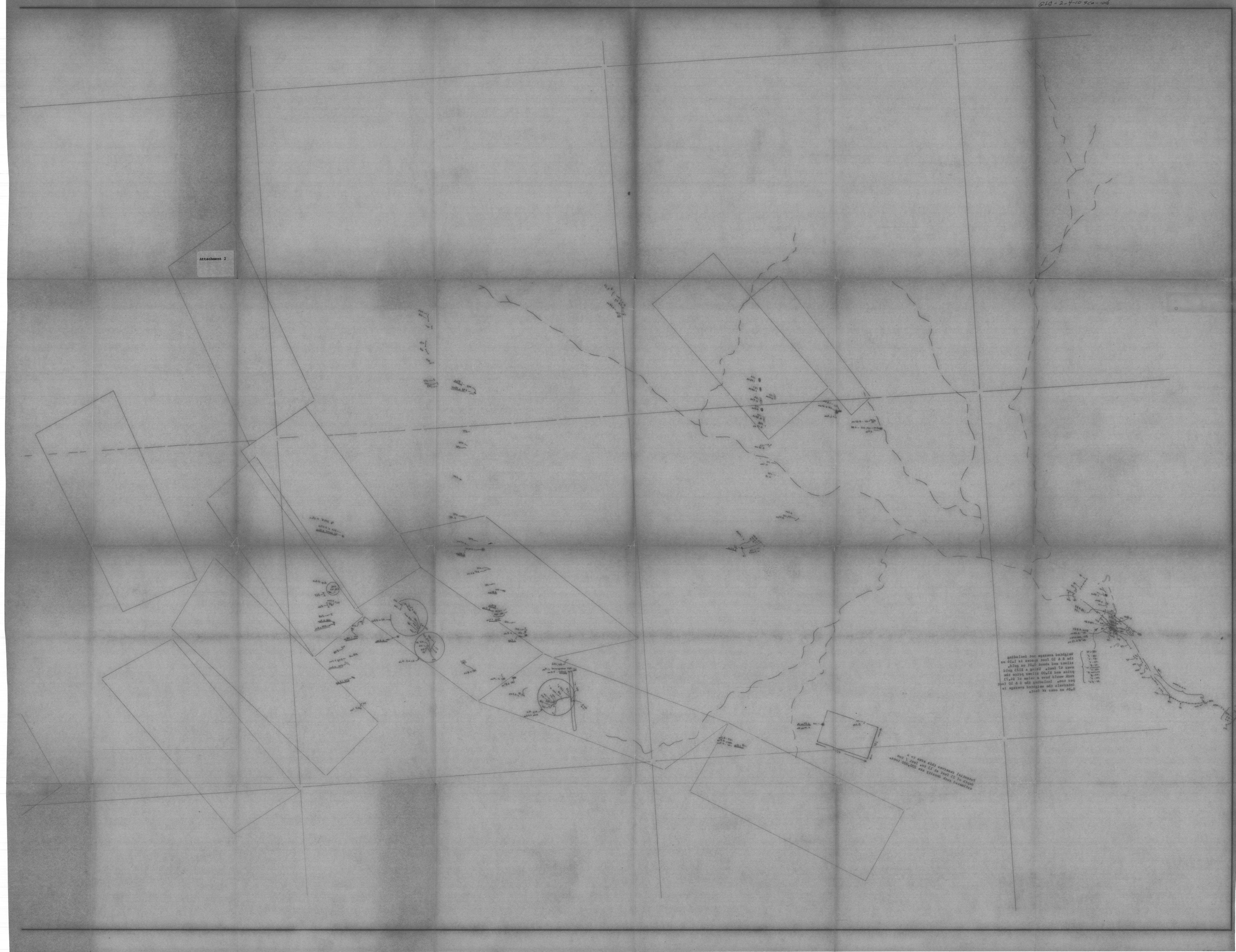
PROJECT - 105
TOMBSTONE MINING DISTRICT
STATE OF MAINE AREA

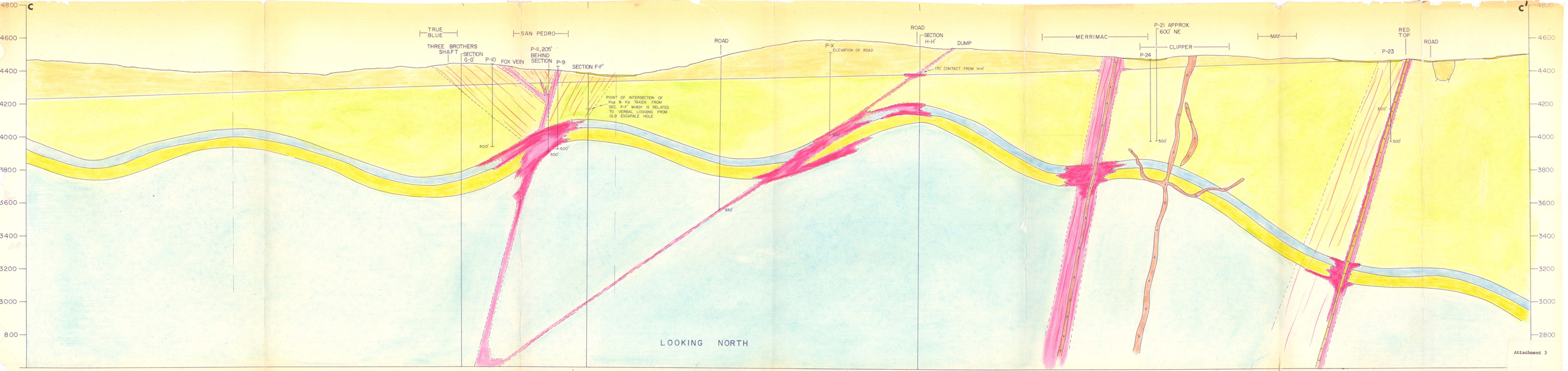
DATE: Sep
GEOLOGY B
J.A. Bris
DRAFTED B
SAMPLES
Hawley

ATTACHMENT 1

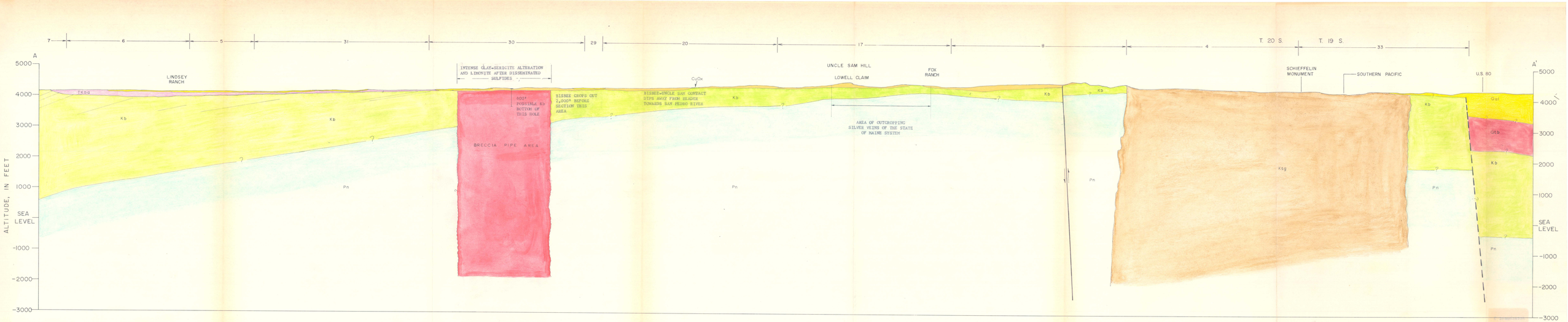
SCANNED 1/2010 NSN

Weighted average not including the 8 & 10 foot spaces is 1.16 oz silver and about 0.01 oz gold, over 47 feet. Using a $125 gold price and $3.00 silver price the rock would have a value of $4.73 per ton. Including the 8 & 10 foot intervals the weighted average is 0.84 oz over 65 feet.
Potential reserves this area to a depth of 25 feet at 13 cu. feet / ton estimated rock density are 200,000 tons.

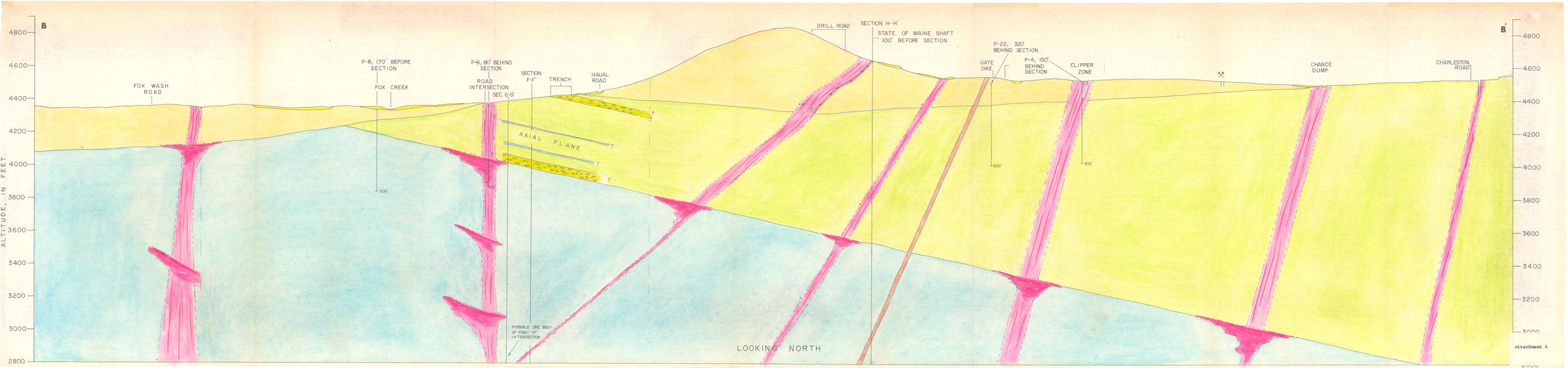

Attachment 2
Weighted average not including the 8 & 10 foot spaces is 1.10 oz silver and about 0.01 oz gold over 42 feet. Using a $15 gold price and $3.00 silver price the rock would have a value of $4.23 per ton. Including the 8 & 10 foot intervals the weighted average is 0.88 oz over 44 feet.
Potential reserves this area is 2 million short tons of 0.75 feet at 11 cu. feet / ton specific rock density are 300,000 tons.



Attachment 5

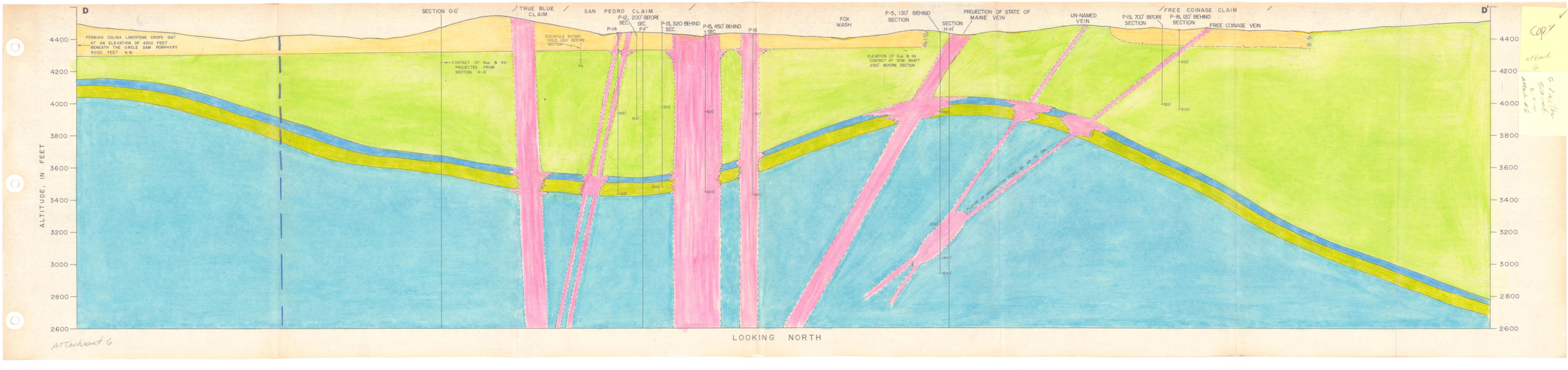

7
6
5
31
30
29
20
17
8
4
T. 20 S.
T. 19 S.
33
A
A'
ALTITUDE, IN FEET
5000
4000
3000
2000
1000
SEA LEVEL
-1000
-2000
-3000
LINDSEY RANCH
INTENSE CLAY-SERICITE ALTERATION AND LIMONITE AFTER DISSEMINATED SULFIDES
CuOx
UNCLE SAM HILL
LOWELL CLAIM
FOX RANCH
SCHIEFFELIN MONUMENT
SOUTHERN PACIFIC
U.S. 80
TKbg
Kb
Pn
Ksg
Qal
Qtb
600' POSSIBLE KD BOTTOM OF THIS HOLE
BRECCIA PIPE AREA
BISBEE CROPS OUT 2,000' BEFORE SECTION THIS AREA
BISBEE-UNCLE SAM CONTACT DIPS AWAY FROM HEADER TOWARDS SAN PEDRO RIVER
AREA OF OUTCROPPING SILVER VEINS OF THE STATE OF MAINE SYSTEM

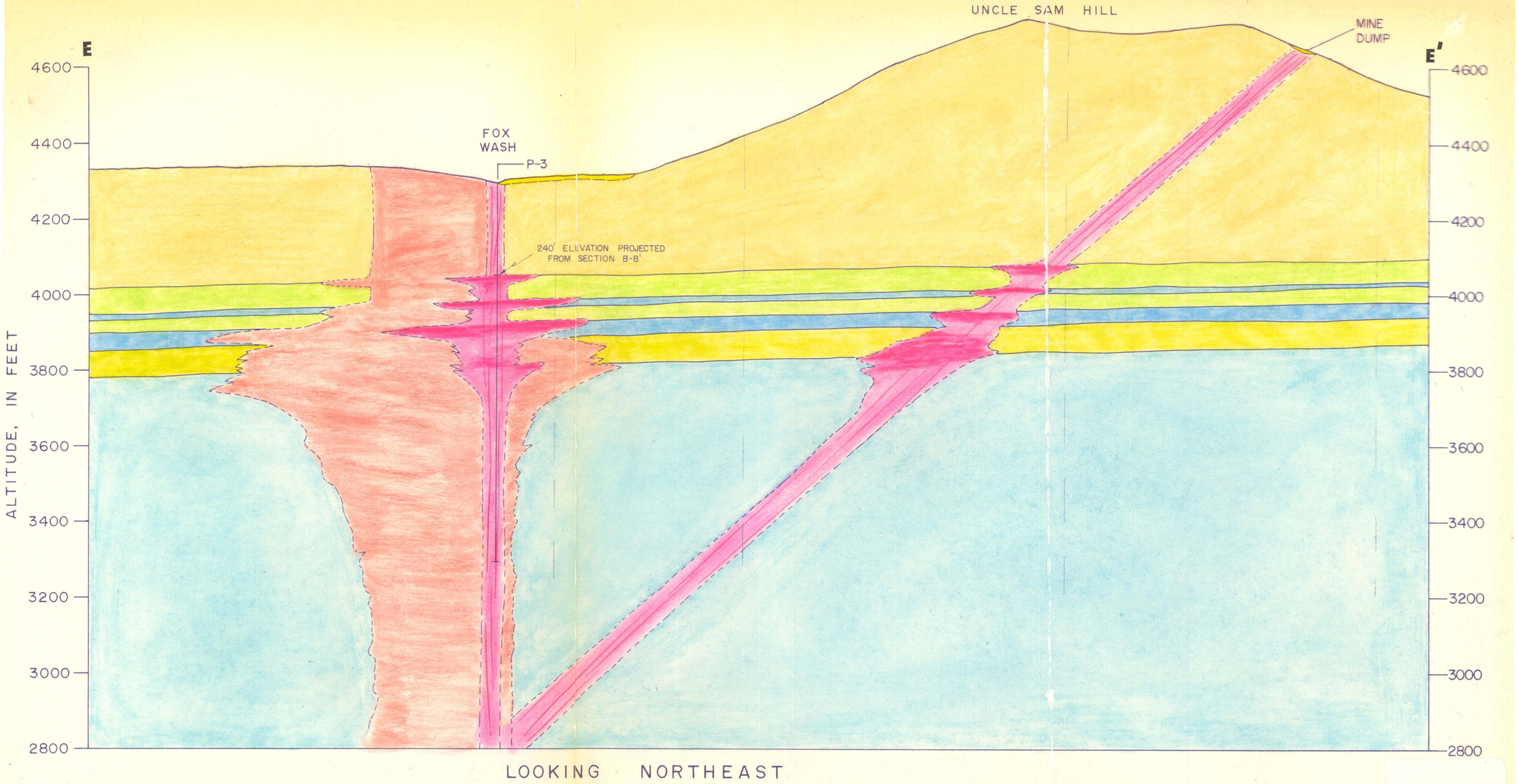
Attachment 3



Attachment 4

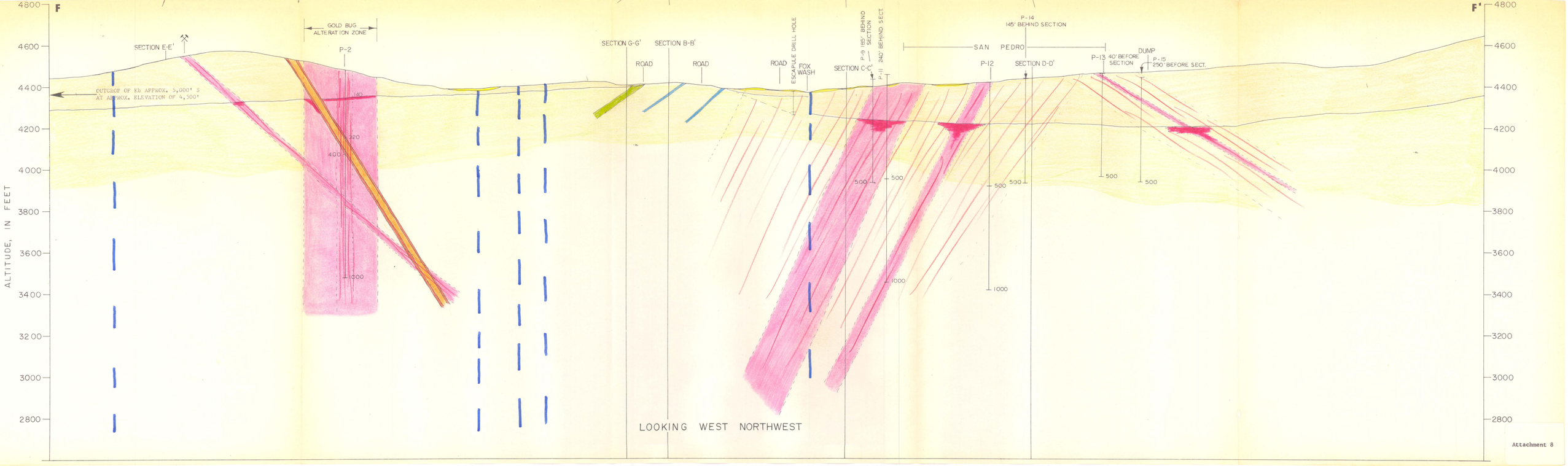
G. Carter sear – 2-4-10


D
D'
SECTION G-G'
TRUE BLUE CLAIM
SAN PEDRO CLAIM
FOX WASH
FREE COINAGE CLAIM
PERMIAN COLINA LIMESTONE CROPS OUT AT AN ELEVATION OF 4300 FEET BENEATH THE UNCLE SAM PORPHYRY 5000 FEET N.W.
CONTACT OF Kup & Kb PROJECTED FROM SECTION G-G'
ESCAPULE ROTARY HOLE, 1000' BEFORE SECTION
P-14
P-12, 200' BEFORE SEC. F-F'
P-13, 320 BEHIND SEC.
P-15, 450' BEHIND SEC.
P-16
P-5, 130' BEHIND SECTION
SECTION H-H'
PROJECTION OF STATE OF MAINE VEIN
UN-NAMED VEIN
P-19, 700' BEFORE SECTION
P-18, 100' BEHIND SECTION
FREE COINAGE VEIN
ELEVATION OF Kup & Kb CONTACT AT 50M SHAFT 2150' BEFORE SECTION
ALTITUDE, IN FEET
4400
4200
4000
3800
3600
3400
3200
3000
2800
2600
LOOKING NORTH
Attachment 6



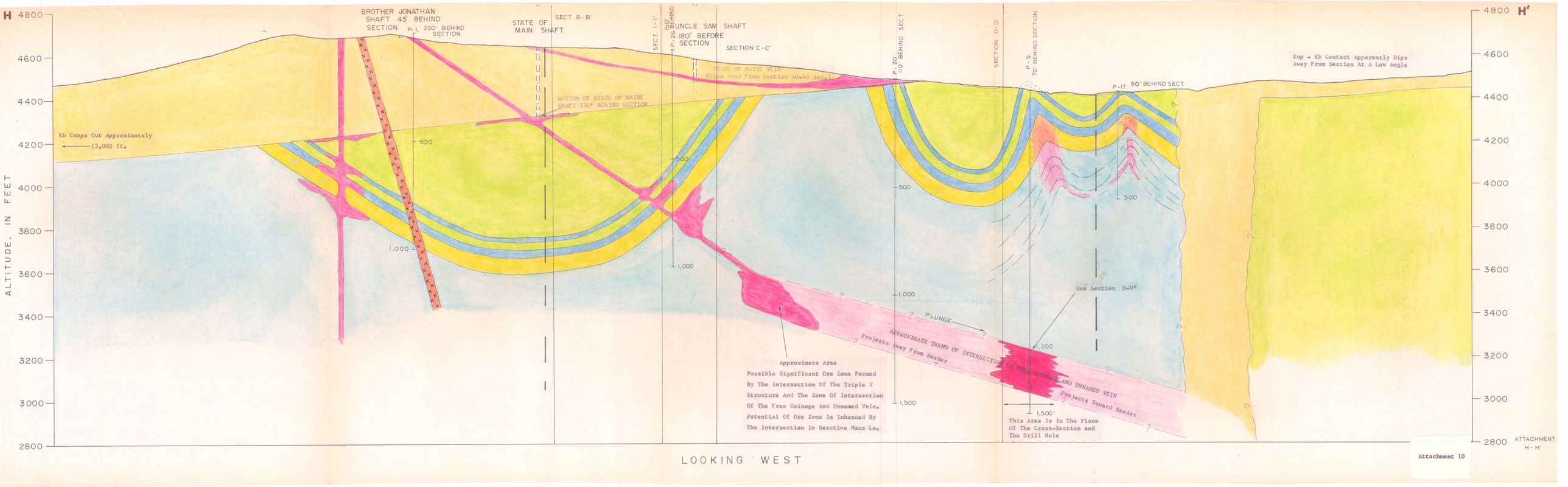
Attachment 7

G. Carter scanned 2-4-10



Attachment 8

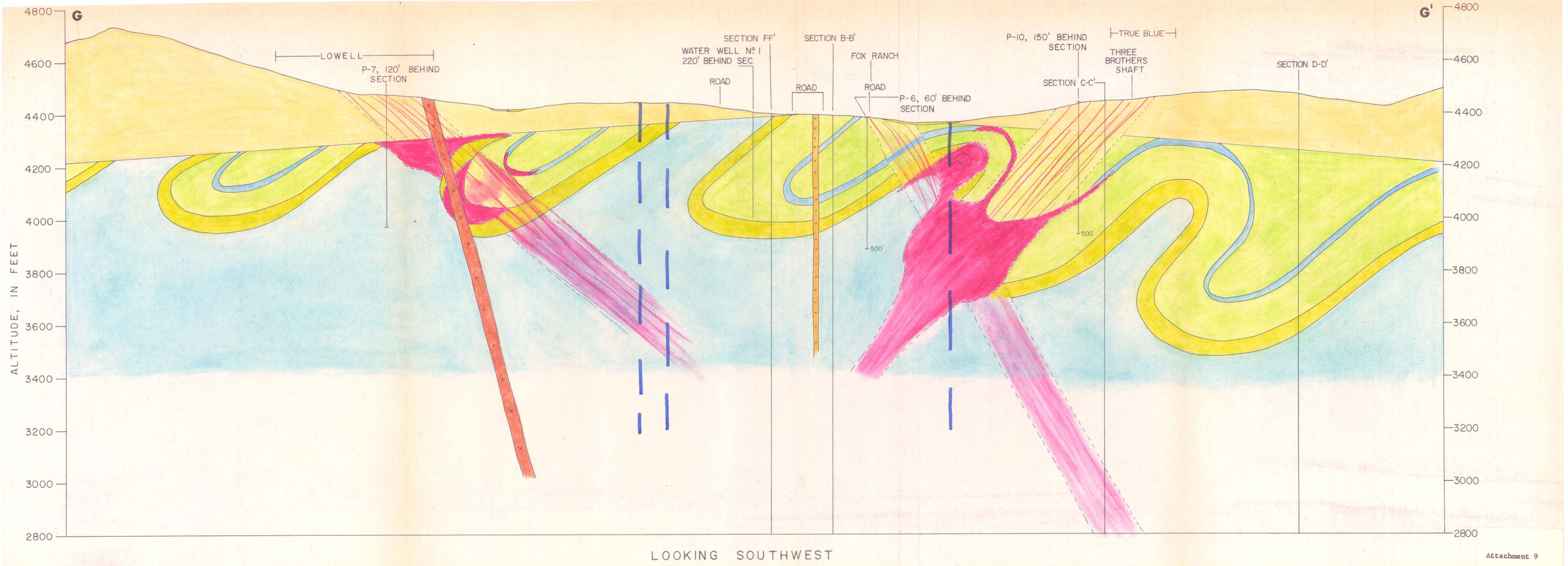
S. Carter – Scanned 2-4-10



ATTACHMENT H - H'

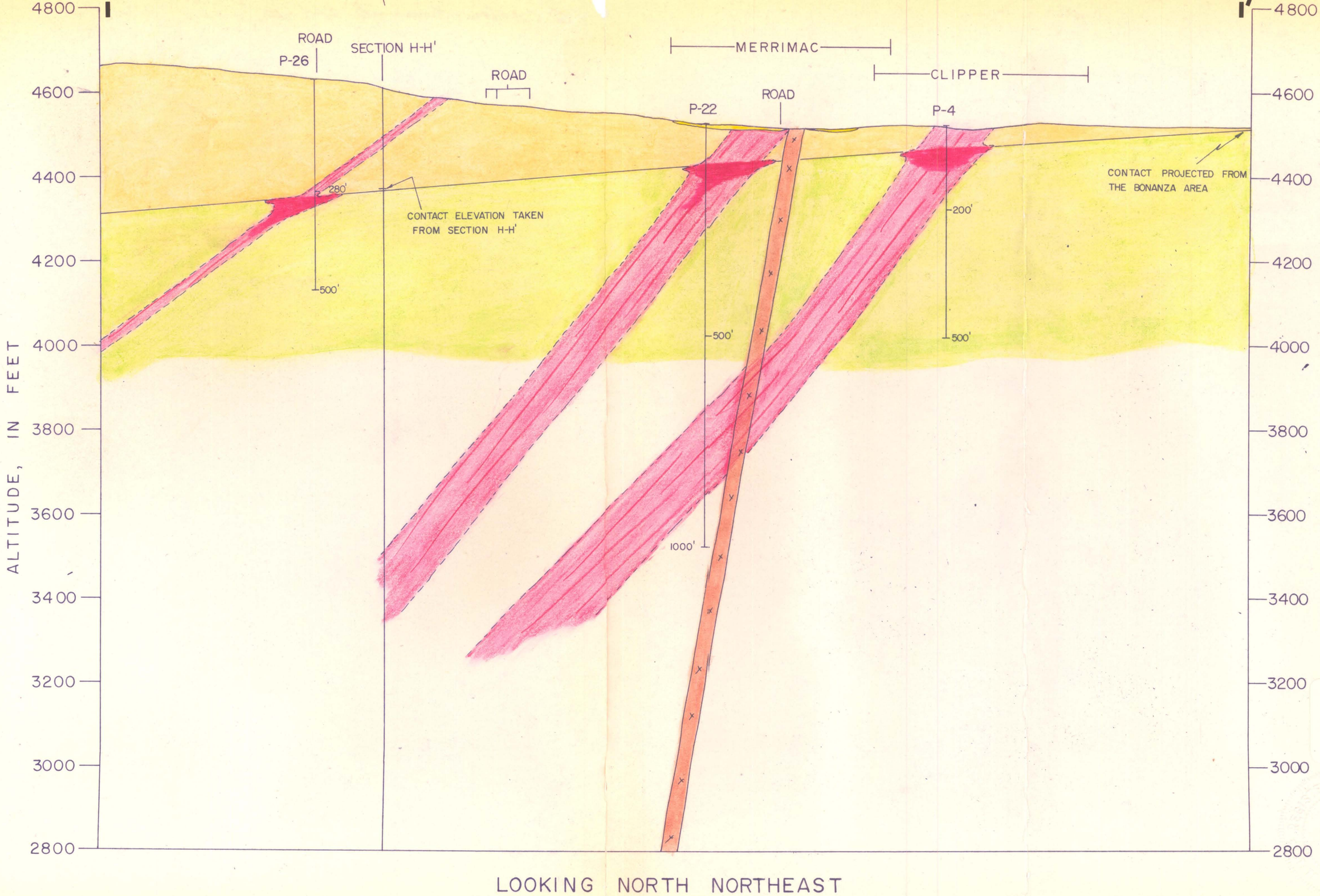
Attachment 10

G CARter - Scanned 2-4-10



Attachment 9

G. Carter Scanned 2-4-10



Attachment 11

G. CARter - Scanned 2-4-10

BOQUILLAS
NOGALES
San Pedro River
SOUTHERN PACIFIC
Charleston
Lindsey Ranch
Ruins
Prospects
STATE
FEE
FED. MIN.
IL 215
IL 150
T. 20 S.
T. 21 S.
R. 22 E.
R. 23 E.
(TOMBSTONE SE)
3947 II SE
LEWIS SPRINGS 3.7 MI.
BISBEE 17 MI.
DOUGLAS 42 MI.