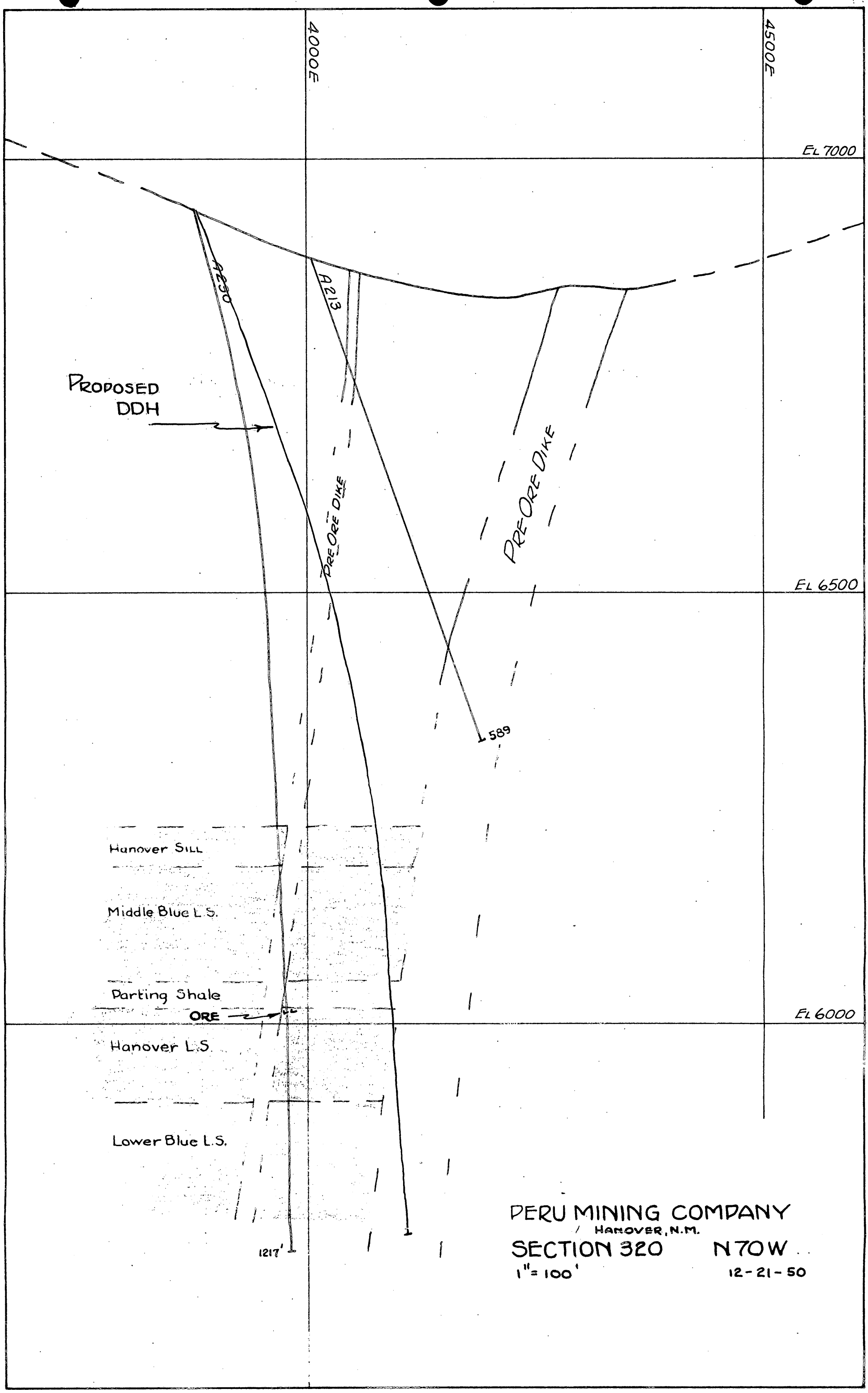
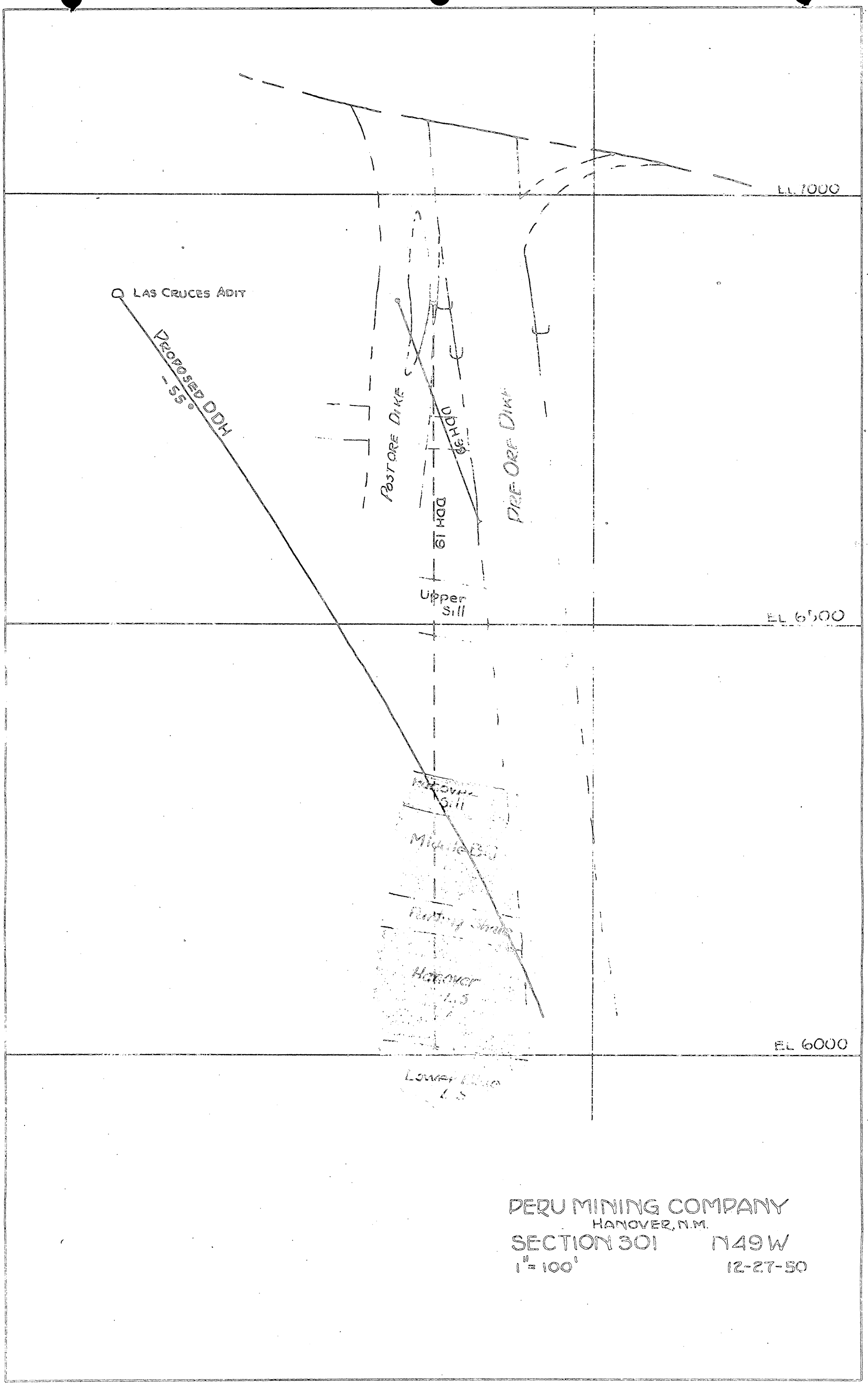

4000E
4500E
EL 7000
A230
A213
PROPOSED
DDH
PRE ORE DIKE
PRE ORE DIKE
EL 6500
589
Hanover SILL
Middle Blue L.S.
Parting Shale
ORE
EL 6000
Hanover L.S.
Lower Blue L.S.
1217'
PERU MINING COMPANY
HANOVER, N.M.
SECTION 320
N 70 W
1" = 100'
12-21-50


EL 7000
LAS CRUCES ADIT
PROPOSED DDH
-55°
POSTORE DIKE
DDH 19
DDH 20
PRE ORE DIKE
Upper
Sill
EL 6500
Hanover
Sill
Middle Sill
Hanover
L.S
EL 6000
Lower Sill
L.S
PERU MINING COMPANY
HANOVER, N.M.
SECTION 301
N49W
1" = 100'
12-27-50

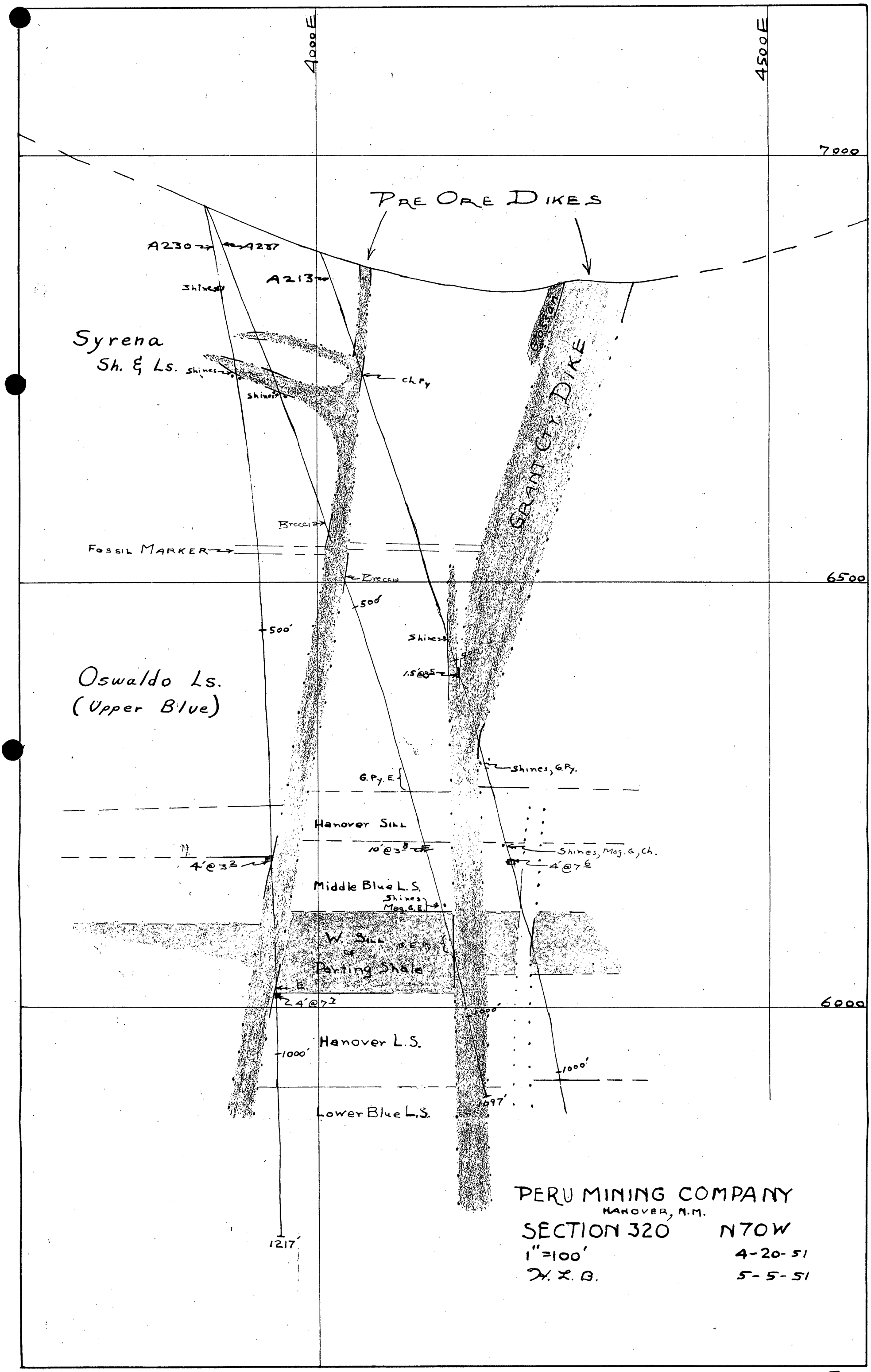
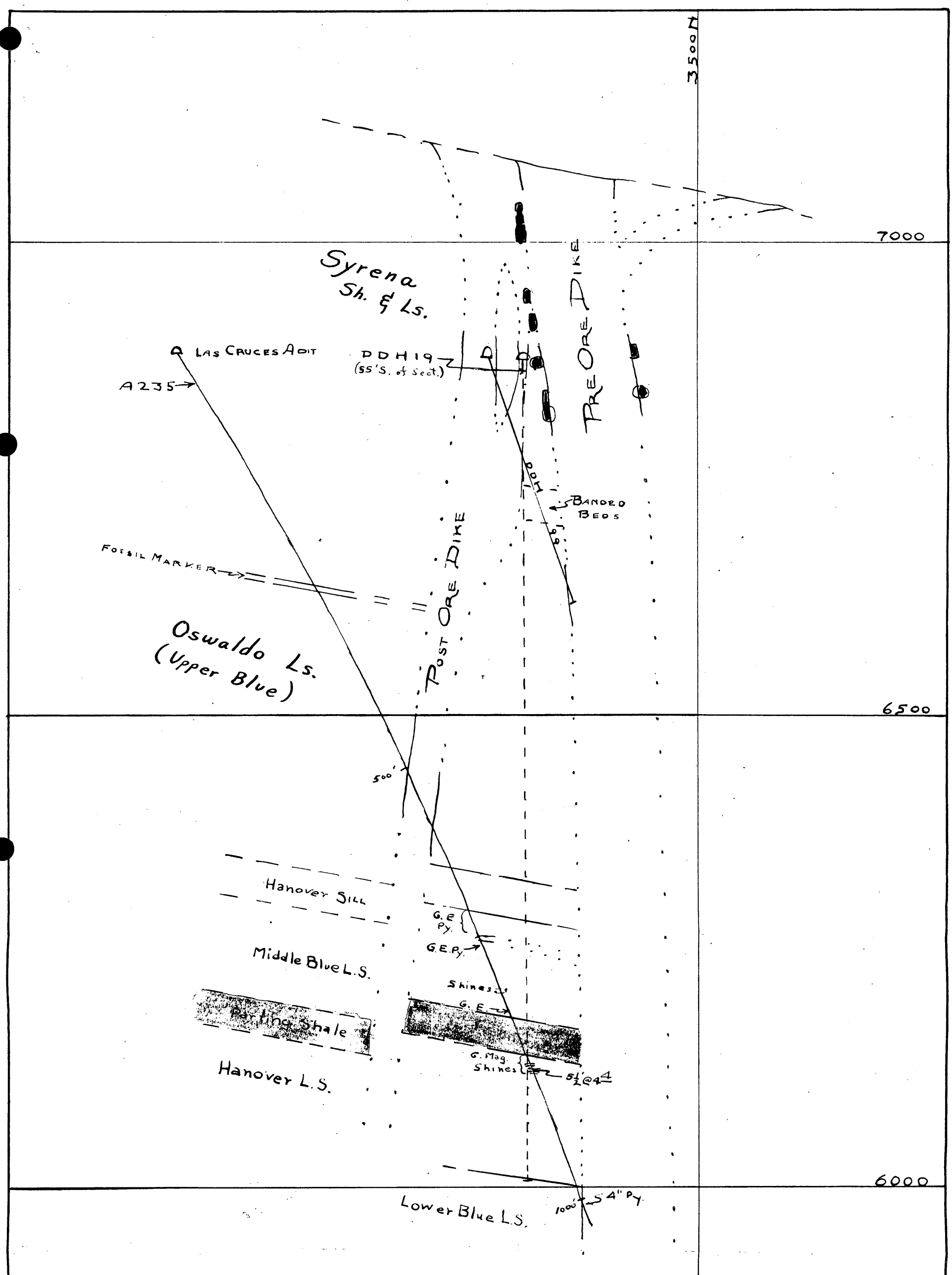

4000E
4500E
7000
PRE ORE DIKES
A230
A287
A213
Shiness
Syrena
Sh. & Ls.
Shiness
Shiness
ch.Py
Gossan
GRANT CY. DIKE
Breccia
FOSSIL MARKER
Breccia
6500
500'
500'
Shiness
1.5'@0.5
Oswaldo Ls.
(Upper Blue)
Shines, G.Py.
G.Py. E
Hanover Sill
10'@3.8
Shines, Mag. G, Ch.
4'@7.6
4'@3.2
Middle Blue L.S.
Shines
Mag. G.E.
W. Sill G.E.Py
Parting Shale
B
24'@7.2
6000
1000'
Hanover L.S.
1000'
1000'
1097'
Lower Blue L.S.
1217'
PERU MINING COMPANY
HANOVER, N.M.
SECTION 320
N70W
1"=100'
4-20-51
H. L. B.
5-5-51

Figure 5




PERU MINING COMPANY

SECTION 301 N47W

1"=100' 5-5-51

H.S., H.B.

LOOKING NORTH

Figure 6

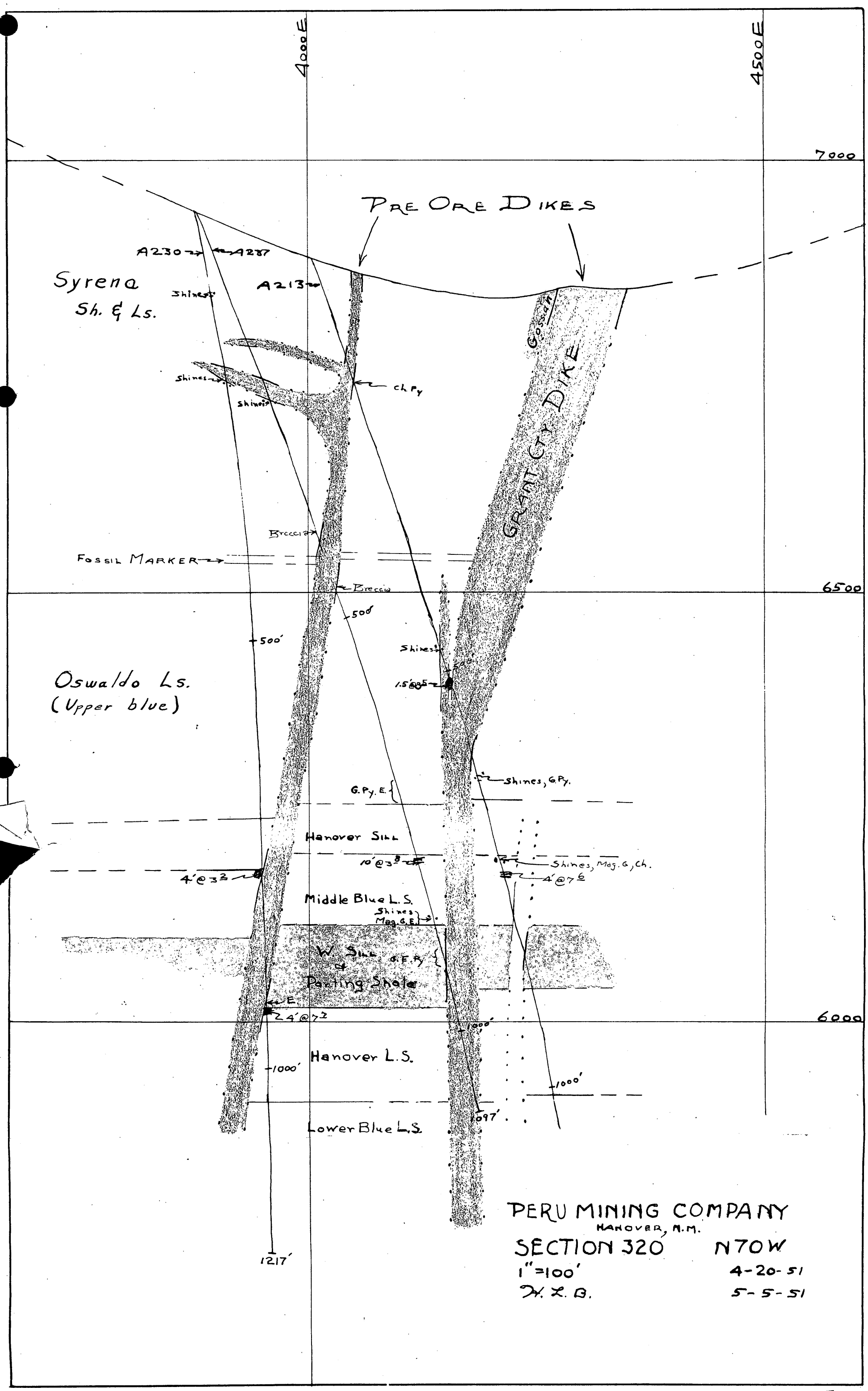

4000E
4500E
7000
PRE ORE DIKES
A230
A287
A213
Syrena
Sh. & Ls.
Shines
Shines
Shines
ch Py
Gossan
GRANT CITY DIKE
Breccia
FOSSIL MARKER
Breccia
6500
500'
500'
Shines
1.5'@85
Oswaldo Ls.
(Upper blue)
G.Py. E.
Shines, G.Py.
Hanover Sill
10'@3
Shines, Mag. G, Ch.
4'@7
4'@3
Middle Blue L.S.
Shines
Mag. G.E.
W. Sill G.E.Py
Parting Shale
E.
24'@72
6000
1000'
Hanover L.S.
1000'
1000'
1097'
Lower Blue L.S.
1217'
PERU MINING COMPANY
HANOVER, N.M.
SECTION 320
N70W
1"=100'
4-20-51
H. L. B.
5-5-51

Figure 5

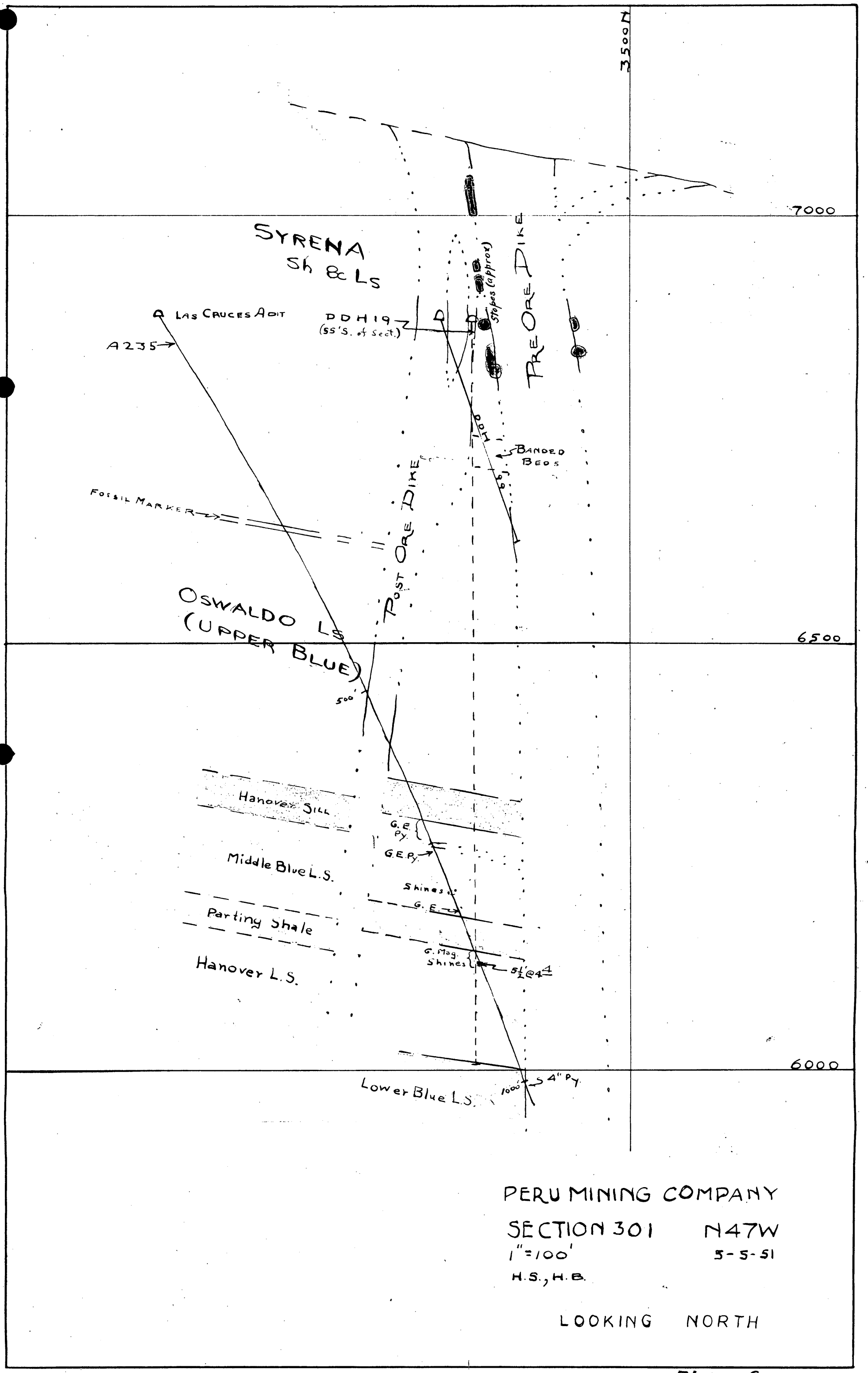

3500N
7000
SYRENA
Sh & Ls
Stopes (approx)
PRE ORE DIKE
LAS CRUCES ADIT
A235
DDH 19
(55'S. of Sect.)
DDH
BANDED BEDS
FOSSIL MARKER
POST ORE DIKE
OSWALDO LS
(UPPER BLUE)
6500
500'
Hanover SILL
G.E. Py.
G.E.Py.
Middle Blue L.S.
Shines
G.E.
Parting Shale
G. Mag.
Shines
5½'@4%
Hanover L.S.
6000
Lower Blue L.S.
1000'
4" Py.
PERU MINING COMPANY
SECTION 301
N47W
1"=100'
5-5-51
H.S., H.B.
LOOKING NORTH

Figure 6

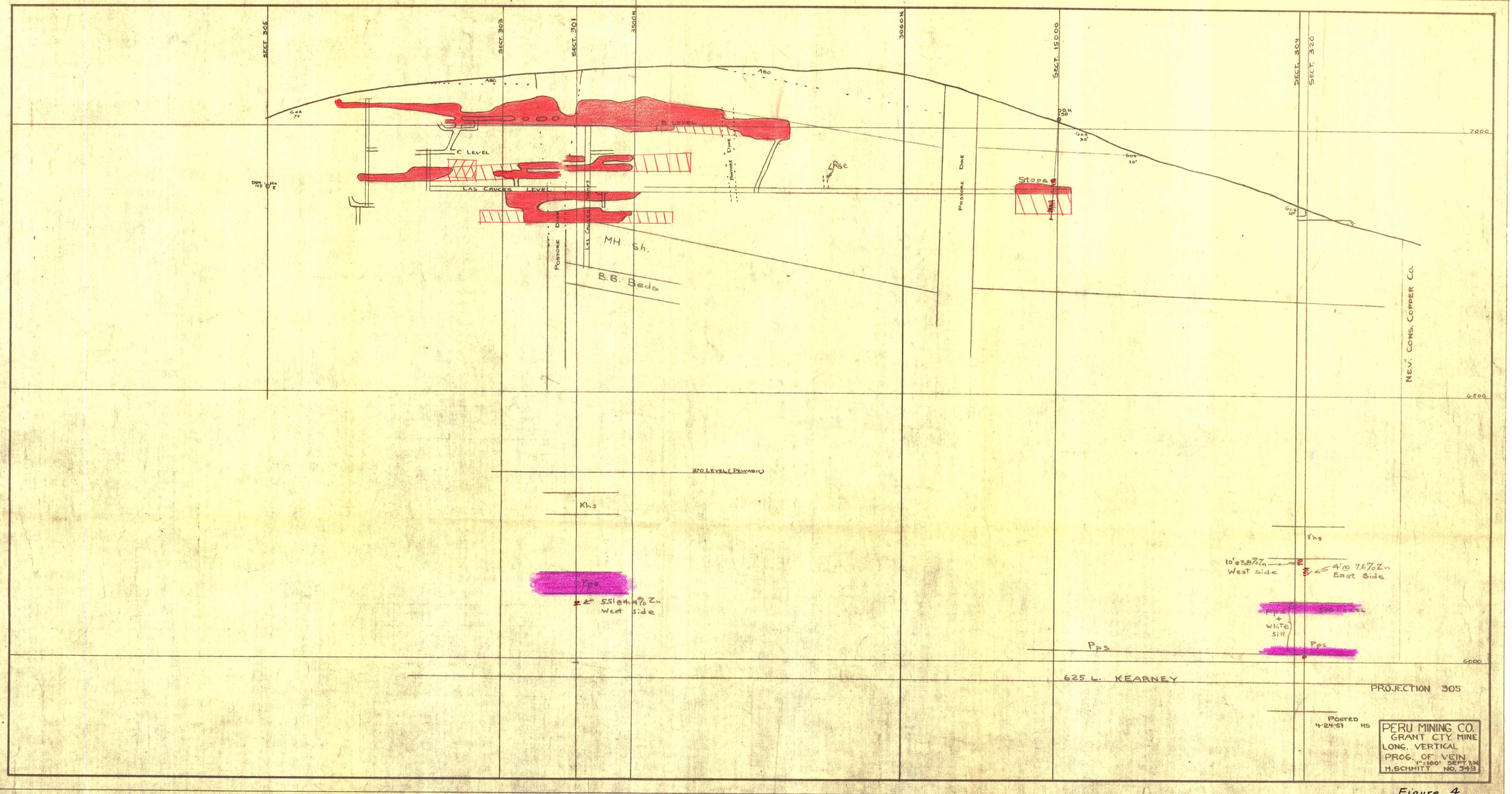

SECT. 305
SECT. 303
SECT. 301
3500 N.
3000 N.
SECT. 15000
SECT. 304
SECT. 320
7000
6500
6000
ABO
Gee 70
B LEVEL
C LEVEL
LAS CRUCES LEVEL
DDH 115 0 E
Dike
Postpile Dike
Rge
Stope
DDH 58
Gee 30
Gee 20
Gee 10
MH Sh.
B.B. Beds
270 LEVEL (PELWABIO)
Khs
Pps
5.5' @ 4.4% Zn
West side
10' @ 3.8% Zn
West side
4' @ 7.6% Zn
East Side
Pps + White Silt
625 L. KEARNEY
NEV. CONS. COPPER CO.
PROJECTION 305
POSTED 4-24-51 HS
PERU MINING CO.
GRANT CTY. MINE
LONG. VERTICAL
PROG. OF VEIN
1" = 100' SEPT. 1951
H. SCHMITT NO. 343

Figure 4

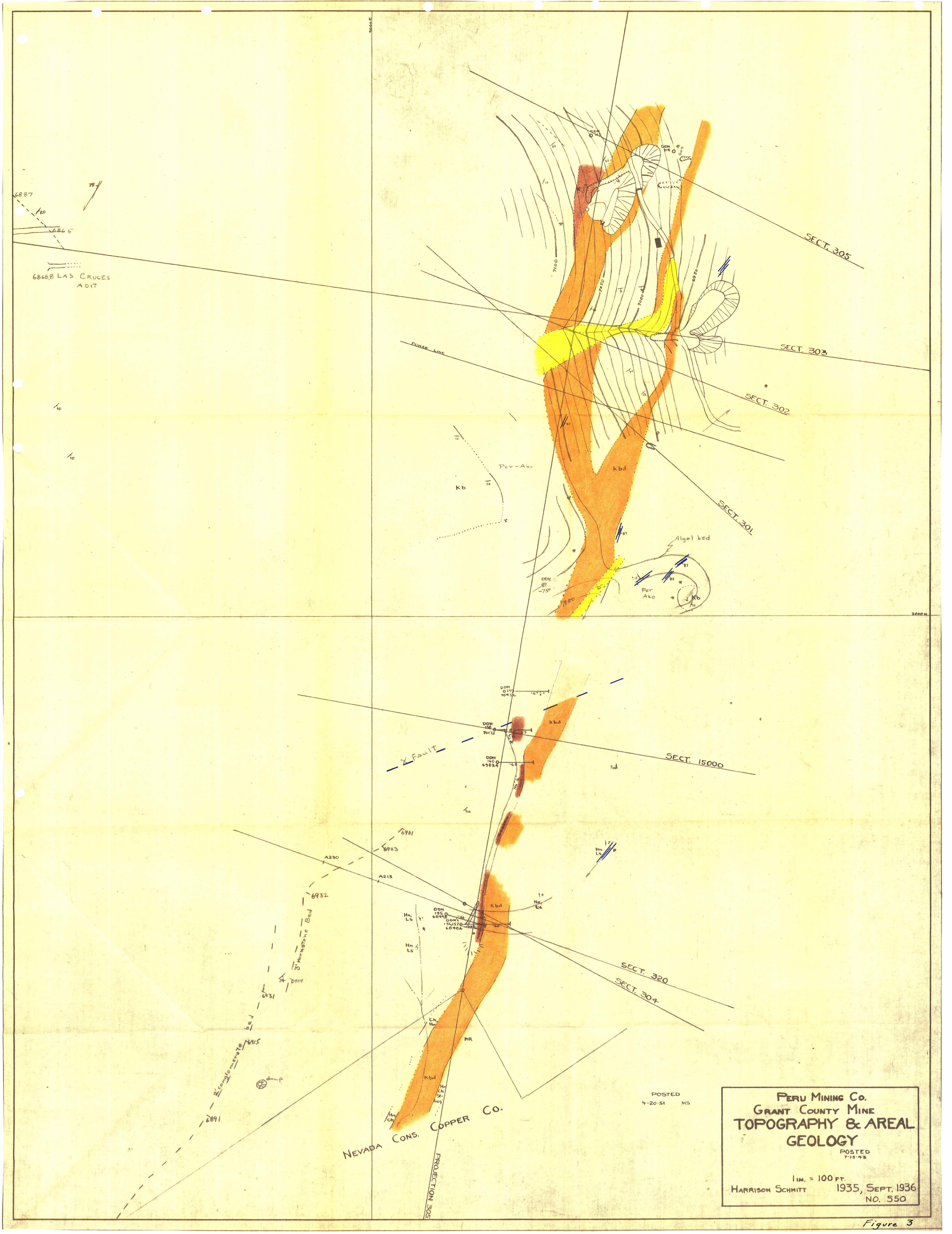

SECT. 305
SECT. 303
SECT. 302
SECT. 301
SECT. 15000
SECT. 320
SECT. 304
Power Line
Per-Abo
Kb
Kbd
Algal bed
Per Abo
DDH 114
DDH 156
DDH 160
DDH 155
DDH 156/157
X Fault
6887
6865
6868.8 Las Cruces Adit
6961
6923
6932
6909
6931
6915
6891
A230
A213
3' Hornstone Bed
2' conglomerate bed
dump
Hn Ls
Ch Hn
MR
Nevada Cons. Copper Co.
Projection 305
POSTED
4-20-51 HS
Peru Mining Co.
Grant County Mine
TOPOGRAPHY & AREAL GEOLOGY
POSTED
7-15-43
1 in. = 100 ft.
Harrison Schmitt
1935, Sept. 1936
NO. 550

Figure 3

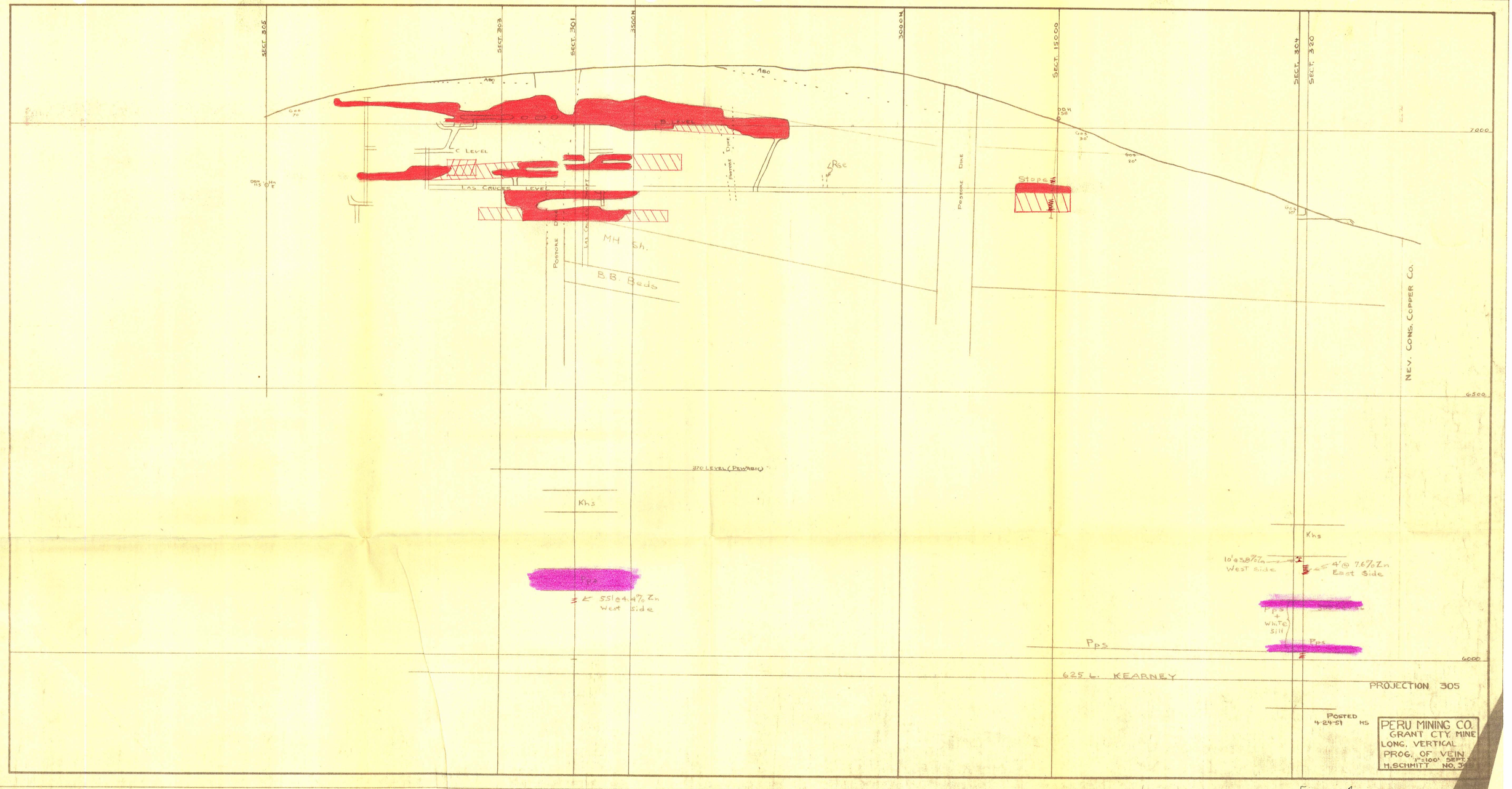

SECT. 305
SECT. 303
SECT. 301
3500 N.
3000 N.
SECT. 15000
SECT. 304
SECT. 320
ABC
B. LEVEL
C LEVEL
LAS CRUCES LEVEL
Rse
POSTONE DIKE
Stope
MH Sh.
B.B. Beds
NEV. CONS. COPPER CO.
7000
6500
6000
370 LEVEL (PEWABIC)
Khs
Pps
≡ ≤ 55' @ 4.4% Zn
West Side
10' @ 5.8% Zn
West Side
≡ ≤ 4' @ 7.6% Zn
East Side
Pps + White Sill
625 L. KEARNEY
PROJECTION 305
POSTED
4-24-51 HS
PERU MINING CO.
GRANT CTY. MINE
LONG. VERTICAL
PROG. OF VEIN
1"=100' SEPT.
H. SCHMITT NO. 3

Figure 4

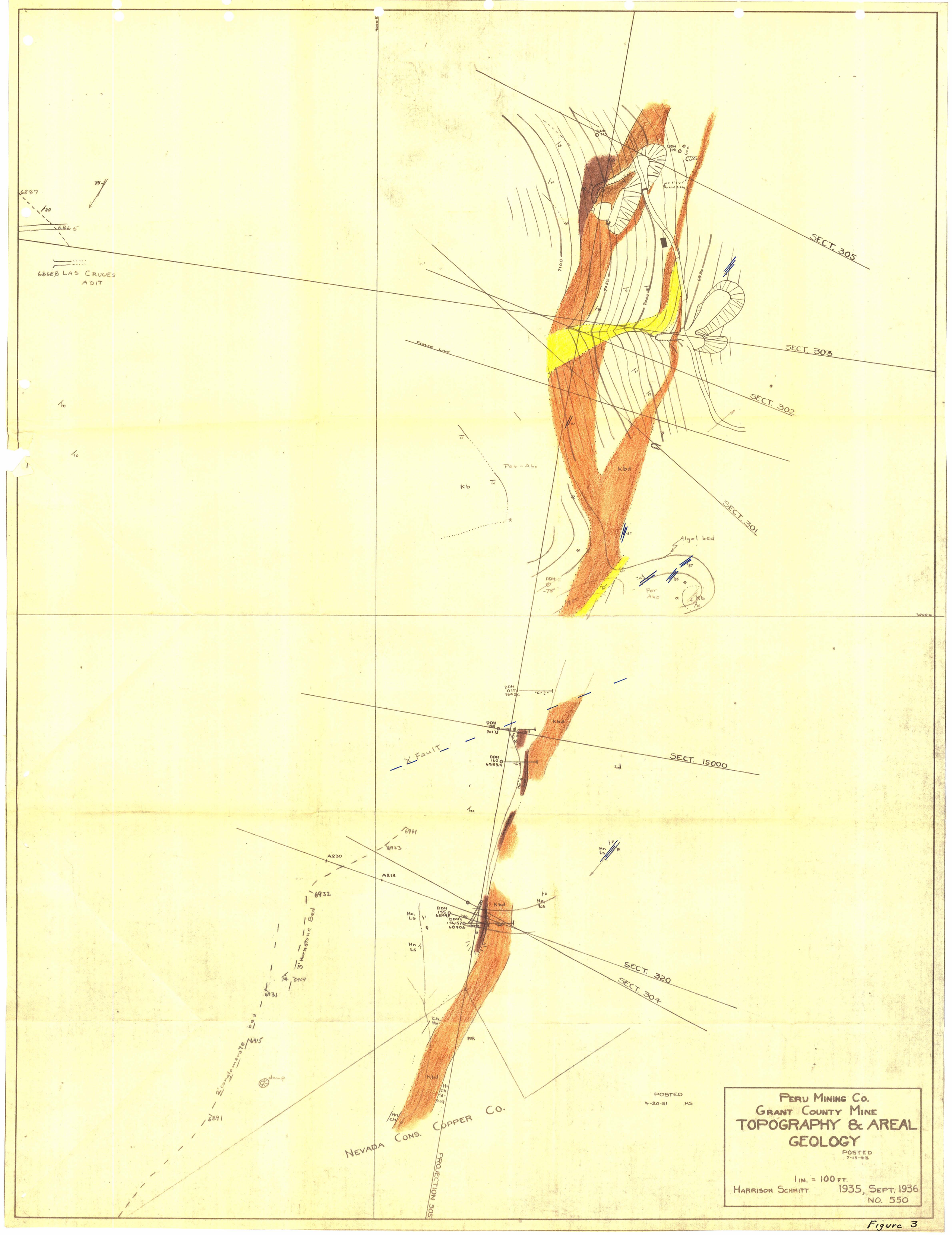

SECT. 305
SECT. 303
SECT. 302
SECT. 301
SECT. 15000
SECT. 320
SECT. 304
PROJECTION 305
POWER LINE
6887
6865
6868.8 LAS CRUCES ADIT
Per-Abo
Kb
Kbd
Algal bed
Per Abo
DDH 114 -75°
DDH 155 6899
DDH 156 7017
DDH 160 6989.4
X Fault
A230
A213
6961
6923
6932
6909
6931
6915
6891
3' Hornstone Bed
2' conglomerate bed
dump
Hn Ls
Ch Hn
HR
Hn Ch
Sh-603
NEVADA CONS. COPPER CO.
POSTED 4-20-51 HS
PERU MINING CO.
GRANT COUNTY MINE
TOPOGRAPHY & AREAL GEOLOGY
POSTED 7-15-43
1 IN. = 100 FT.
HARRISON SCHMITT
1935, SEPT. 1936
NO. 550

Figure 3

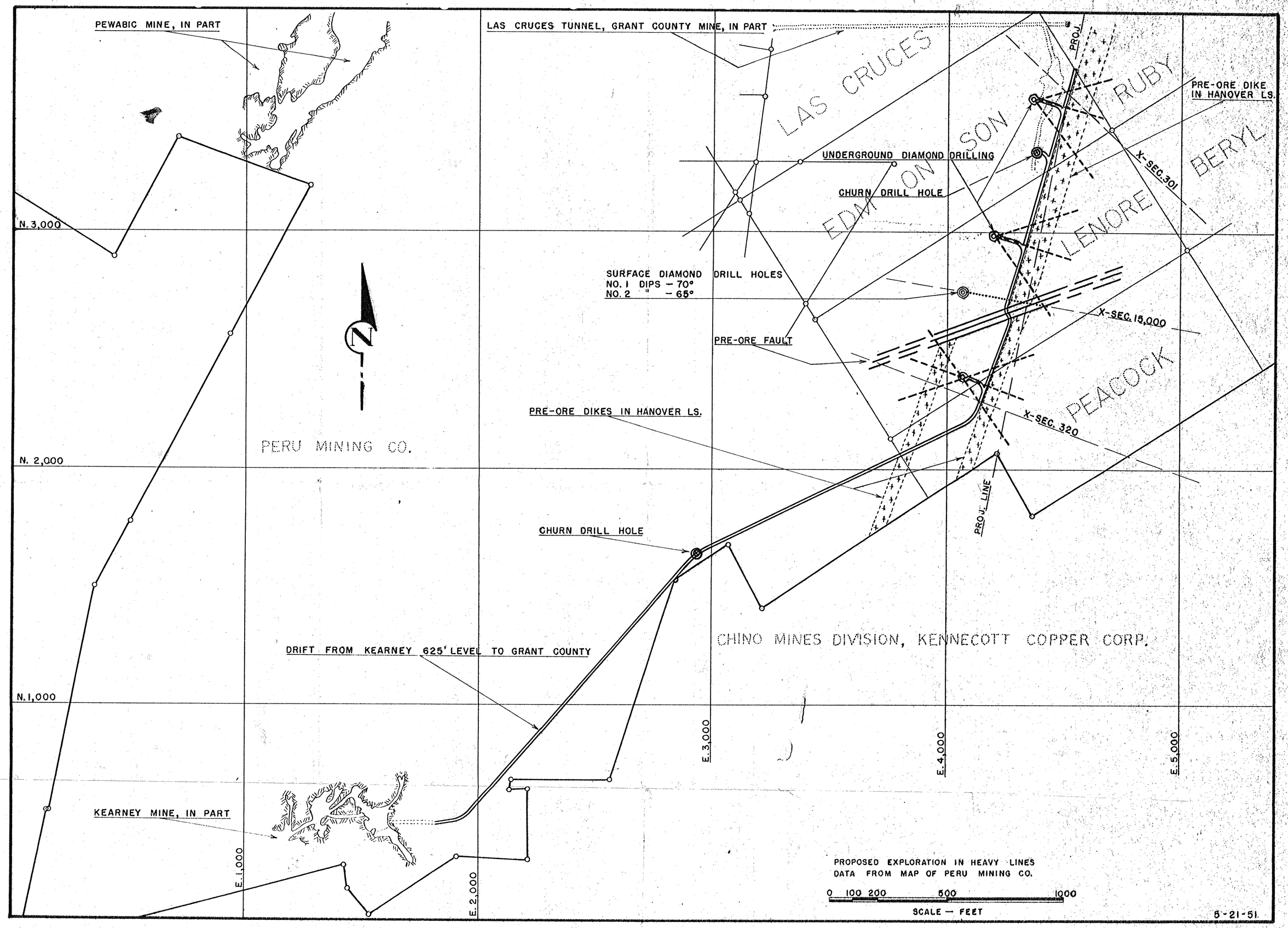
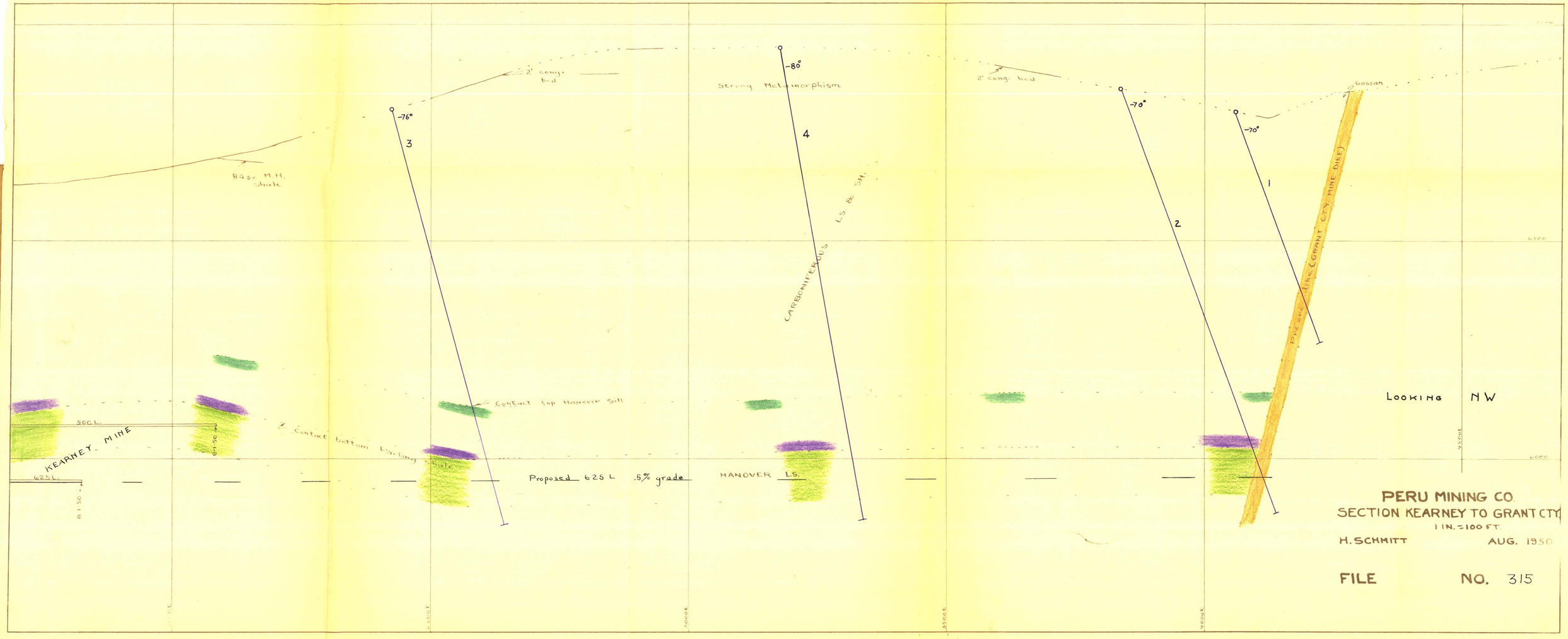
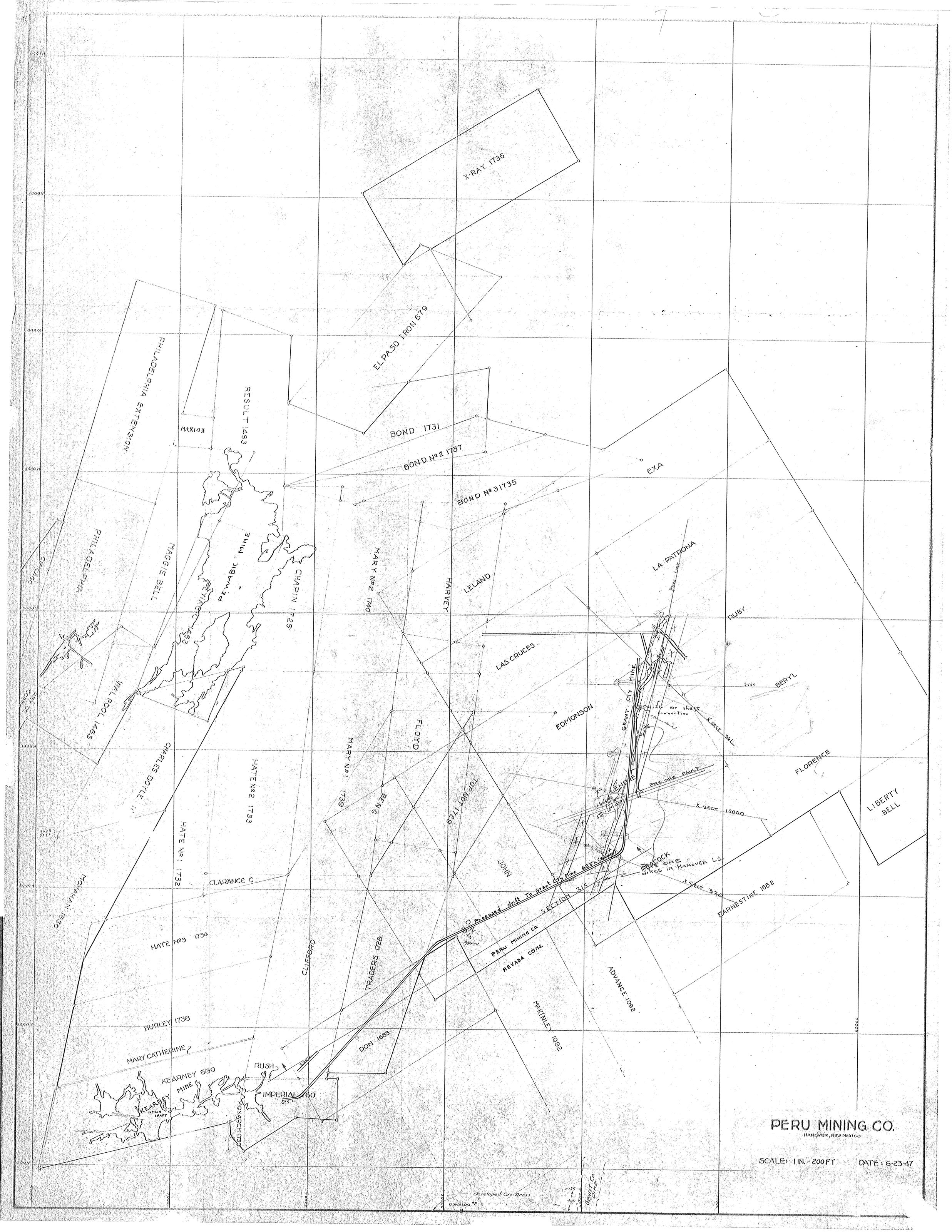
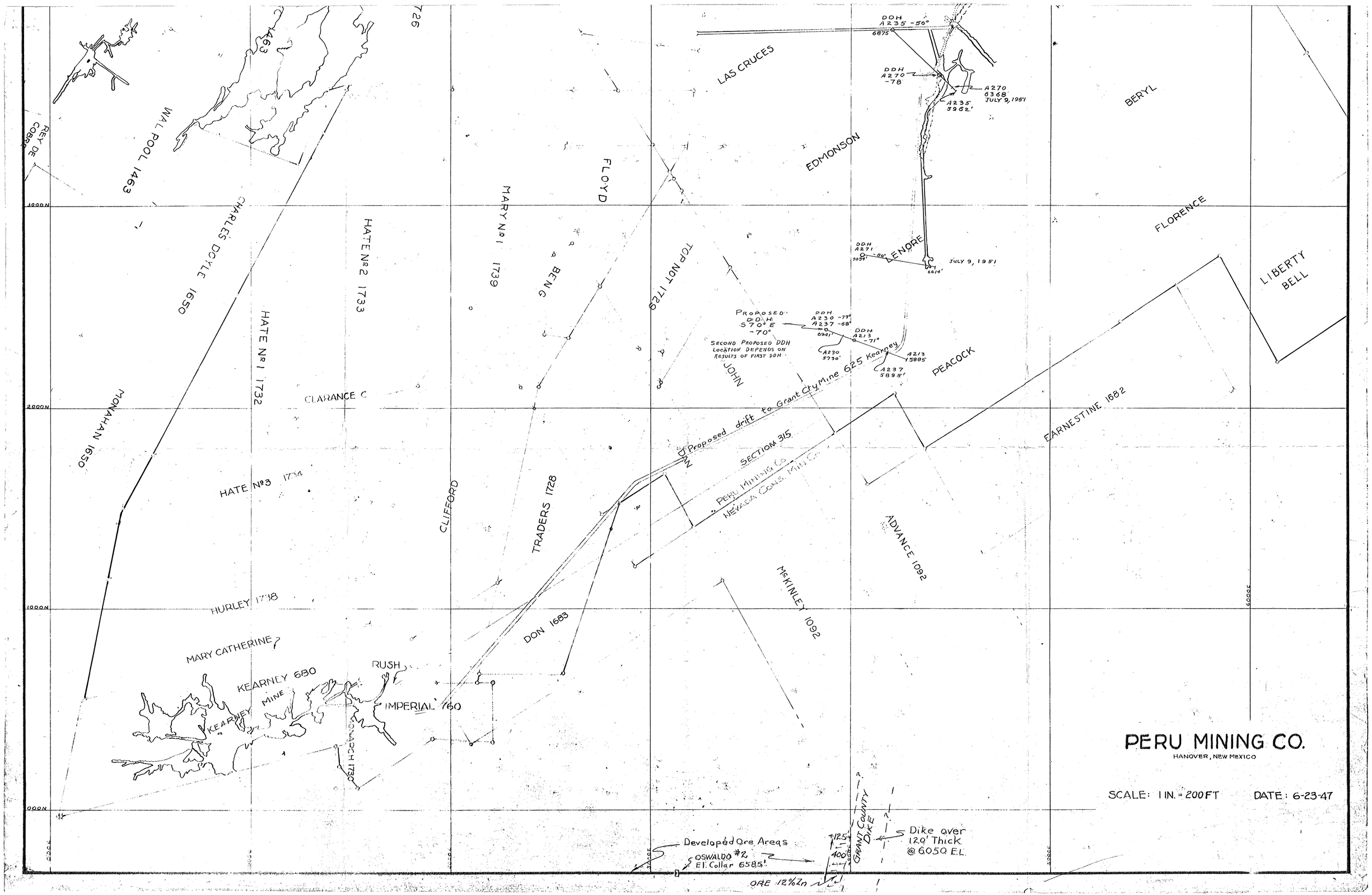



Figure 2—IDEALIZED PLAN OF PROPOSED EXPLORATION, GRANT COUNTY MINE, GRANT COUNTY, NEW MEXICO


2' cong. bed
Base M.H. Shale
-76°
3
Strong Metamorphism
-80°
4
LS & SH.
CARBONIFEROUS
2' cong. bed
-70°
2
-70°
1
Gossan
PRE-ORE DIKE (GRANT CTY. MINE DIKE)
Contact top Hanover Sill
Contact bottom Dipping Shale
500 L.
KEARNEY MINE
625 L.
Proposed 625 L .5% grade
HANOVER LS.
LOOKING NW
PERU MINING CO.
SECTION KEARNEY TO GRANT CTY
1 IN. = 100 FT.
H. SCHMITT
AUG. 1950
FILE NO. 315

SECT 305
SECT 303
SECT 301
150CN
ABC
ABC
GRANT CTY MINE
B LEVEL
C LEVEL
LAS CRUCES LEVEL
SHAFT
POSTONE DIKE
LAS CRUCES
FANTASY DIKE
POSTONE DIKE
stope
Strong Gossan
Mountain Home Sh.
Banded Beds
Carboniferous Ls. & Sh.
Upper Sill
Upper Sill
370 LEVEL (PEWABIC)
Hanover Sill
Middle Blue Ls.
Parting Sh.
Parting Sh.
Hanover Ls.
Hanover Ls.
Lower Blue Ls.
Proposed 625 L .5% grade
Peru Mining Co
Nevada Cons.
PROJECTION 305


PERU MINING CO.
HANOVER, NEW MEXICO
SCALE: 1 IN. = 200 FT
DATE: 6-23-47
X-RAY 1736
EL PASO IRON 679
BOND 1731
BOND No 2 1737
BOND No 3 1735
EXA
PHILADELPHIA EXTENSION
RESULT 1463
MARION
PHILADELPHIA
CHICAGO
MAGGIE BELL
PEWABIC MINE
CHAPIN 1725
MARY No 2 1740
HARVEY
LELAND
LA PATRONA
RUBY
BERYL
LAS CRUCES
EDMONSON
GRANT CITY MINE
Possible air shaft connection
X SECT 30L
FLORENCE
LIBERTY BELL
PRE ORE FAULT
X SECT 15000
PEACOCK
PRE ORE
sites in HANOVER LS.
X SECT 320
FARNESTINE 1682
CHARLES DOYLE
HATE No 2 1733
HATE No 1 1732
MARY No 1 1739
FLOYD
BENG
TOP NOT 1729
JOHN
CLARANCE C
MONAHAN 1650
HATE No 3 1734
CLIFFORD
TRADERS 1728
Proposed drift To Grant City Mine 625L (Original)
SECTION 315
PERU MINING CO.
NEVADA CONS.
ADVANCE 1092
McKINLEY 1092
HURLEY 1738
DON 1663
MARY CATHERINE
KEARNEY 580
KEARNEY MINE
MAIN SHAFT
RUSH
IMPERIAL 60
625 L
MONARCH 1730
Developed Ore Areas
OSWALDO #2


PERU MINING CO.
HANOVER, NEW MEXICO
SCALE: 1 IN. = 200 FT
DATE: 6-23-47
LAS CRUCES
EDMONSON
BERYL
FLORENCE
LIBERTY BELL
LENORE
PEACOCK
EARNESTINE 1682
ADVANCE 1092
McKINLEY 1092
DON 1683
TRADERS 1728
CLIFFORD
TOP NOT 1729
JOHN
FLOYD
MARY No 1 1739
BENG
HATE No 2 1733
HATE No 1 1732
HATE No 3 1734
CHARLES DYLE 1650
MONAHAN 1650
WAL POOL 1463
REY DE COBRE
CLARANCE C
HURLEY 1738
MARY CATHERINE
KEARNEY 680
KEARNEY MINE
RUSH
IMPERIAL 760
MONACH 1730
DDH A235 -50° 6875
DDH A270 -78
A270 6368 JULY 9, 1951
A235 5962'
DDH A271 -50° 7059'
JULY 9, 1951
6614'
PROPOSED DDH S70°E -70°
SECOND PROPOSED DDH LOCATION DEPENDS ON RESULTS OF FIRST DDH
DDH A230 -79° A237 -68° 6941'
DDH A213 -71°
A230 5730'
A213 5885'
A237 5895'
Proposed drift to Grant Cty Mine 625 Kearney
SECTION 315
PERU MINING CO.
NEVADA CONS. MINING CO.
Developed Ore Areas
OSWALDO #2
El. Collar 6585'
ORE 12% Zn
125'
400'
GRANT COUNTY DIKE
Dike over 120' Thick @ 6050 EL.