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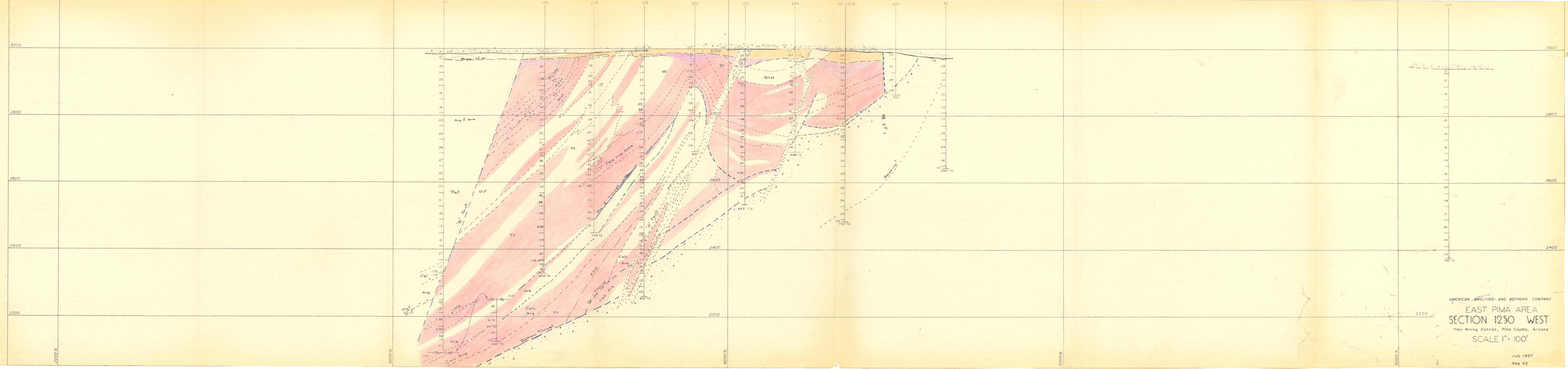
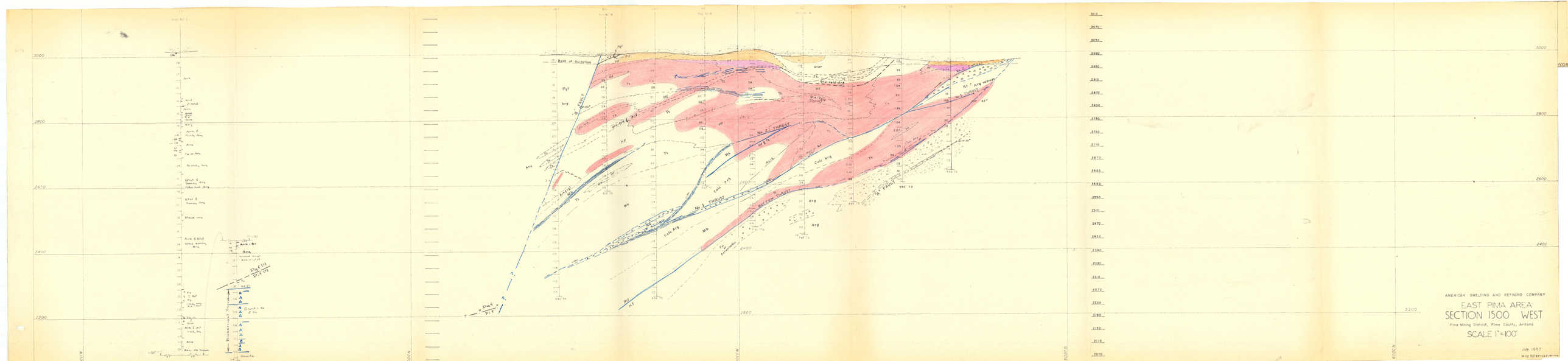
EAST PIMA SECTIONS

by John Kinnison

October, 1957


3000
2800
2600
2400
2200
3200 N.
3000 N.
2800 N.
2600 N.
2400 N.
2200 N.
1250 W
Base of Fm
Arg & Arm
Pmf
Dif
Cgl
Arg
Mb
Calc Arg
Qal
Fault Zone
Bedding Thrust
Dike
Qtzt
Sh
Ls
Calc Sh
Ls
Arg
Dif
Pmf
Cgl
Arg
Mb
Calc Arg
T1
T4
HC
Qtzt
Sh
Ls
Calc Sh
Ls
Arg
Dif
Pmf
Cgl
Arg
Mb
Calc Arg
T1
T4
HC
T1
Qtzt
Sh
Ls
Calc Sh
Ls
Arg
Dif
Pmf
Cgl
Arg
Mb
Calc Arg
T1
T4
Fault Zone
Bedding Thrust
Dike

3000
2800
2600
2400
2200
1250 W
Qal
Arg & Arn
Pdf
Dif
Qal
Arg
Mb
Calc Arg
T1
T4
T5
Qtal
Basalt Thrust
Basalt
HC
745 TD
874 TD
1045 TD
553 TD
192 TD
AMERICAN SMELTING AND REFINING COMPANY
EAST PIMA AREA
SECTION 1250 WEST
Pima Mining District, Pima County, Arizona
SCALE 1" = 100'
July 1957
Map N2


Base of Oxidation
No 2 THRUST
No 1 THRUST
BOTTOM THRUST
No 1 FAULT
No 2 FAULT
Ky Arg weathered
Arg
Mb
Hf
Tt
Qtal
Qtf
Pg
Pzf
Pzs
Pzl
Pzm
Pzfm
Pzlm
Pzsm
Pzmm
Pzmh
Pzmq
Pzmc
Pzmd
Pzmt
Pzmw
Pzmv
Pzmp
Pzmb
Pzmn
Pzmk
Pzmf
Pzmg
Pzmi
Pzmj
Pzmx
Pzmy
Pzmz
Pzmaa
Pzmbb
Pzmcc
Pzmdd
Pzmee
Pzmff
Pzmgg
Pzmhh
Pzmii
Pzmjj
Pzmkk
Pzmll
Pzmmm
Pzmnn
Pzmoo
Pzmpp
Pzmqq
Pzmrr
Pzmss
Pzmtt
Pzmuu
Pzmvv
Pzmww
Pzmxx
Pzmyy
Pzmzz
Pzmaaa
Pzmbbb
Pzmccc
Pzmddd
Pzmeee
Pzmfff
Pzmggg
Pzmhhh
Pzmiii
Pzmjjj
Pzmkkk
Pzmlll
Pzmmmm
Pzmnnn
Pzmooo
Pzmppp
Pzmqqq
Pzmrrr
Pzmsss
Pzmttt
Pzmuuu
Pzmvvv
Pzmwww
Pzmxxx
Pzmyyy
Pzmzzz
Pzmaaaa
Pzmbbbb
Pzmcccc
Pzmdddd
Pzmeeee
Pzmffff
Pzmgggg
Pzmhhhh
Pzmiiii
Pzmjjjj
Pzmkkkk
Pzmllll
Pzmmmmm
Pzmnnnn
Pzmoooo
Pzmpppp
Pzmqqqq
Pzmrrrr
Pzmssss
Pzmtttt
Pzmuuuu
Pzmvvvv
Pzmwwww
Pzmxxxx
Pzmyyyy
Pzmzzzz
Pzmaaaaa
Pzmbbbbb
Pzmccccc
Pzmddddd
Pzmeeeee
Pzmfffff
Pzmggggg
Pzmhhhhh
Pzmiiiii
Pzmjjjjj
Pzmkkkkk
Pzmlllll
Pzmmmmmm
Pzmnnnnn
Pzmooooo
Pzmppppp
Pzmqqqqq
Pzmrrrrr
Pzmsssss
Pzmttttt
Pzmuuuuu
Pzmvvvvv
Pzmwwwww
Pzmxxxxx
Pzmyyyyy
Pzmzzzzz
Pzmaaaaaa
Pzmbbbbbb
Pzmcccccc
Pzmdddddd
Pzmeeeeee
Pzmffffff
Pzmgggggg
Pzmhhhhhh
Pzmiiiiii
Pzmjjjjjj
Pzmkkkkkk
Pzmllllll
Pzmmmmmmm
Pzmnnnnnn
Pzmooooooo
Pzmpppppp
Pzmqqqqqq
Pzmrrrrrr
Pzmssssss
Pzmtttttt
Pzmuuuuuu
Pzmvvvvvv
Pzmwwwwww
Pzmxxxxxx
Pzmyyyyyy
Pzmzzzzzz
Pzmaaaaaaa
Pzmbbbbbbb
Pzmccccccc
Pzmddddddd
Pzmeeeeeee
Pzmfffffff
Pzmggggggg
Pzmhhhhhhh
Pzmiiiiiii
Pzmjjjjjjj
Pzmkkkkkkk
Pzmlllllll
Pzmmmmmmmm
Pzmnnnnnnn
Pzmooooooo
Pzmppppppp
Pzmqqqqqqq
Pzmrrrrrrr
Pzmsssssss
Pzmttttttt
Pzmuuuuuuu
Pzmvvvvvvv
Pzmwwwwwww
Pzmxxxxxxx
Pzmyyyyyyy
Pzmzzzzzzz
Pzmaaaaaaaa
Pzmbbbbbbbb
Pzmcccccccc
Pzmdddddddd
Pzmeeeeeeee
Pzmffffffff
Pzmgggggggg
Pzmhhhhhhhh
Pzmiiiiiiii
Pzmjjjjjjjj
Pzmkkkkkkkk
Pzmllllllll
Pzmmmmmmmmm
Pzmnnnnnnnn
Pzmooooooooo
Pzmpppppppp
Pzmqqqqqqqq
Pzmrrrrrrrr
Pzmssssssss
Pzmtttttttt
Pzmuuuuuuuu
Pzmvvvvvvvv
Pzmwwwwwwww
Pzmxxxxxxxx
Pzmyyyyyyyy
Pzmzzzzzzzz
Pzmaaaaaaaaa
Pzmbbbbbbbbb
Pzmccccccccc
Pzmddddddddd
Pzmeeeeeeeee
Pzmfffffffff
Pzmggggggggg
Pzmhhhhhhhhh
Pzmiiiiiiiii
Pzmjjjjjjjjj
Pzmkkkkkkkkk
Pzmlllllllll
Pzmmmmmmmmmm
Pzmnnnnnnnnn
Pzmooooooooo
Pzmppppppppp
Pzmqqqqqqqqq
Pzmrrrrrrrrr
Pzmsssssssss
Pzmttttttttt
Pzmuuuuuuuuu
Pzmvvvvvvvvv
Pzmwwwwwwwww
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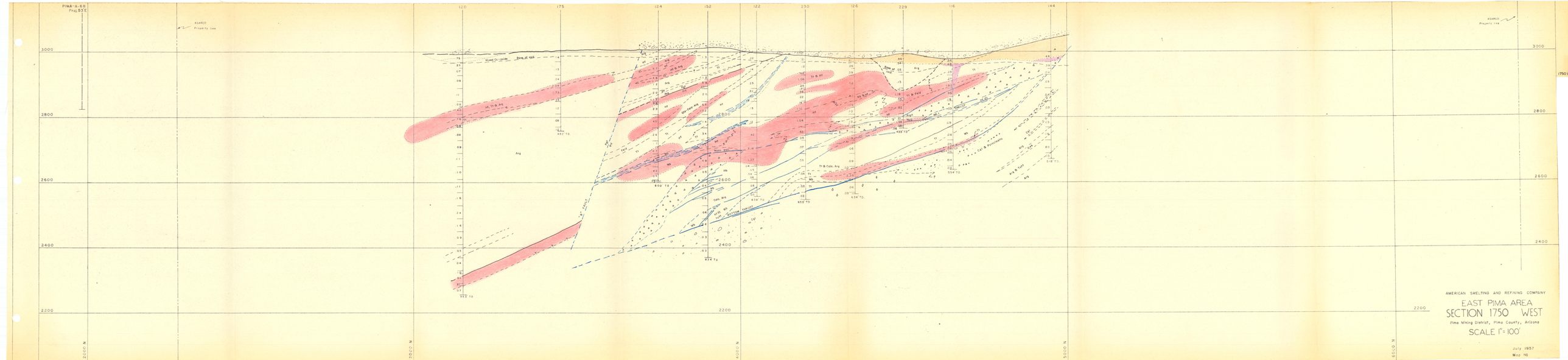
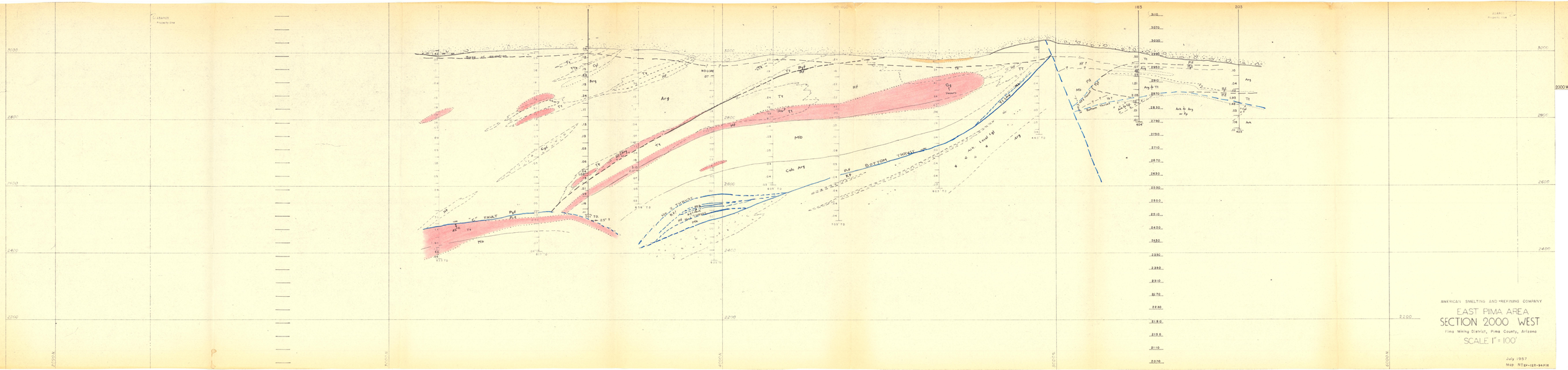
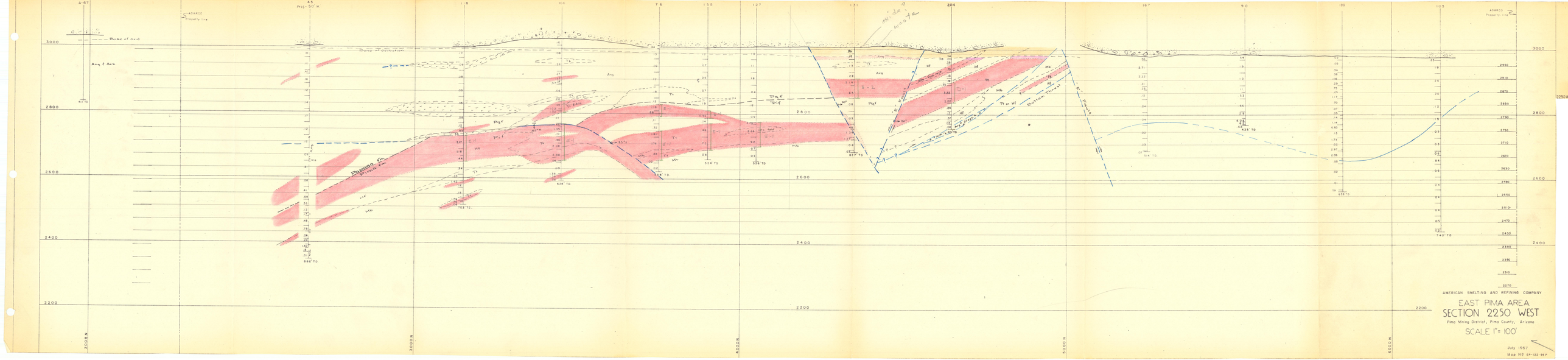
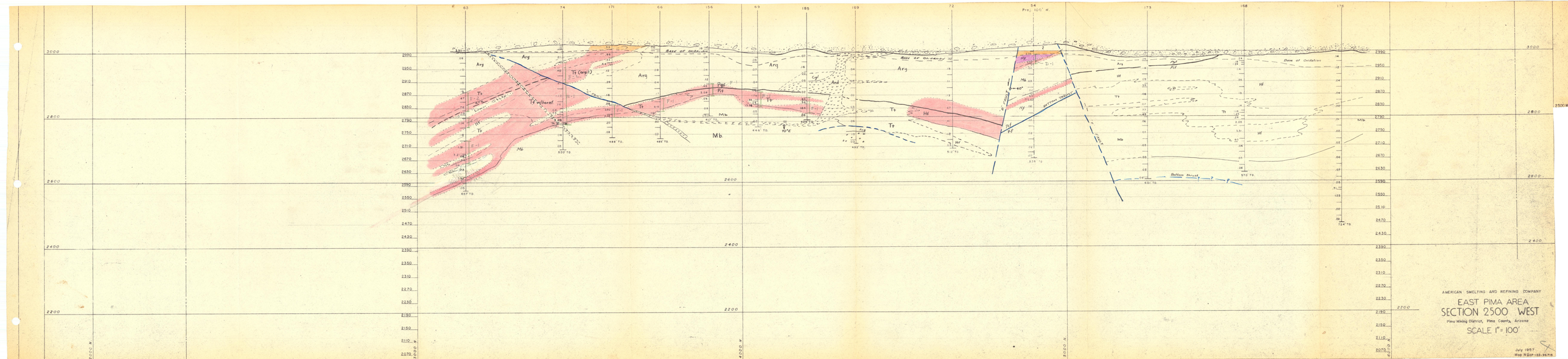
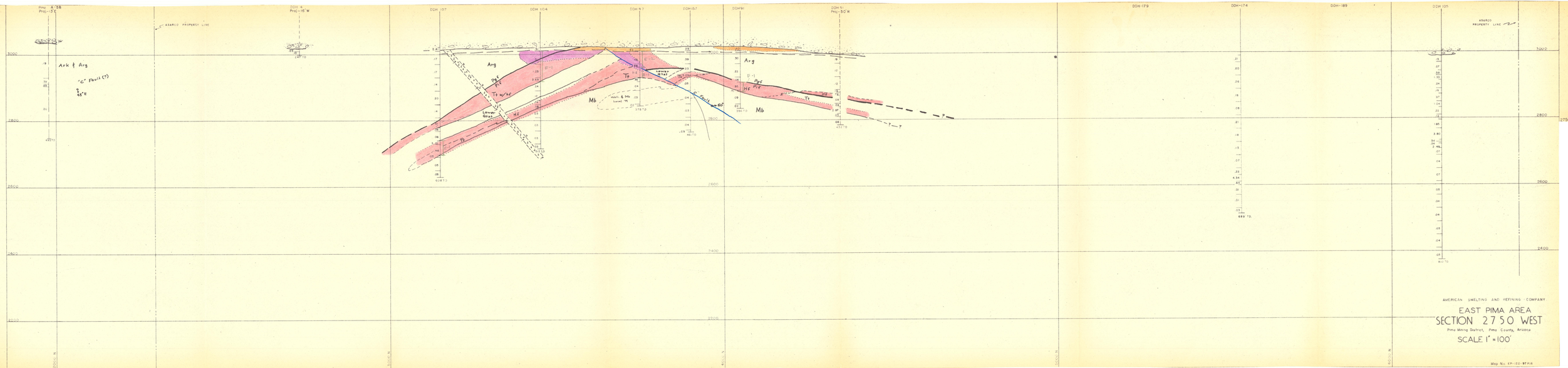
Pzmaaaaaaaaaa
Pzmb

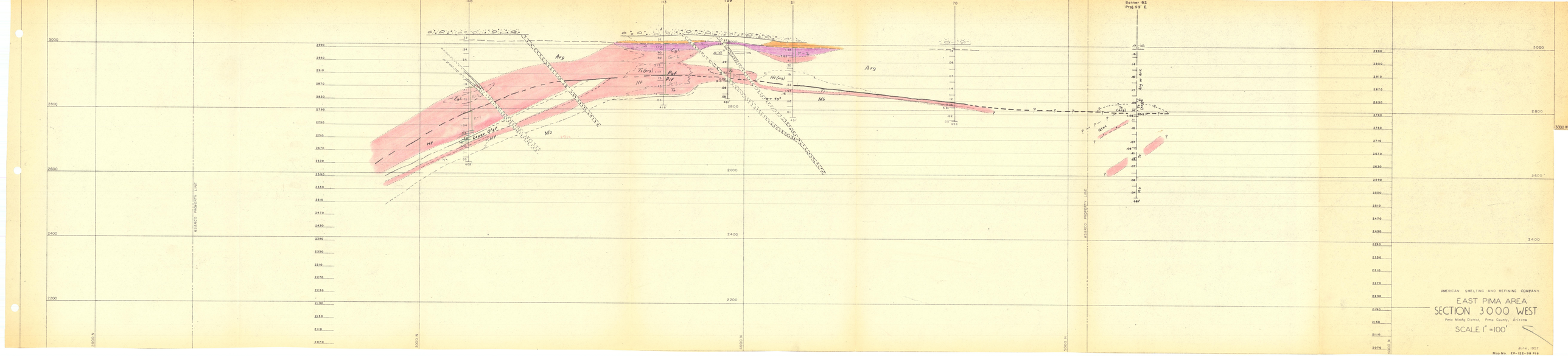

PIMA-A-68
Proj. 53E
ASARCO
Property line
3000
2800
2600
2400
2200
2200 N
2600 N
4900 N
5200 N
6600 N
1750
Mixed Conglomerate
Base of Tertiary
Arg
Th & Colc. Arg
Colc. Arg
Th & Ser
Ser & Arg
Ser & Pyrophyllite
Pyrophyllite
Fault
Bottom Fault
Top Fault
Bottom Fault
Fault
Fault


AMERICAN SMELTING AND REFINING COMPANY
EAST PIMA AREA
SECTION 2000 WEST
Pima Mining District, Pima County, Arizona
SCALE 1" = 100'
July 1957
Map No. EX-128-94918
2000 W
Property line
Arg
Hf
Tt
Mb
Cg
Mo
Ark
Ark & Arg or Fp
Arg & Tt
Ark & Tt
Ark & Arg
Ark Tuff Sill
Arg Tuff Sill
Arg Sill
Arg Dike
Arg Tuff Dike
Ark Dike
Ark Tuff Dike
Mo Dike
Mo Tuff Dike
Mo Sill
Mo Tuff Sill
Mo Tuff
Mo Tuff Dike
Mo Tuff Sill
Mo Tuff Sill
Mo Tuff Dike
Mo Tuff Sill
Mo Tuff Dike
Mo Tuff Sill
Mo Tuff Dike


AMERICAN SMELTING AND REFINING COMPANY
EAST PIMA AREA
SECTION 2250 WEST
Pima Mining District, Pima County, Arizona
SCALE 1"= 100'
July 1957
Map No EP-122-95-P
3000
2800
2600
2400
2200
2250'
2050 N
3000 N
4000 N
5000 N
6000 N
Arq & Arm
Basement
Bxf
Dxf
Mk
Mkl
Tt
Tt or Mf
Mf
Hf
Bottom Cuprite
Top Cuprite
Base of Oxidation
Base of Oxide
Projection of Passage fm Drift 4W
Passage fm Drift 4W
Fault
Proj. 50' W
ASARCO Property line
A-67
45
118
116
76
155
127
131
204
167
90
188
103
40' TD
886' TD
703' TD.
628' TD.
554' TD
554' TD
827' TD
514' TD.
425' TD
676' TD
740' TD


Base of Oxidation
Arg
Tf (argil.)
Tf w/fluorite
Tr
Hf
Mb
Rif
Rf
Rif
Cal
And
Tf
Hf
Mb
Rif
Rf
Arg
Tf
Hf
Mb
Rif
Rf
Arg
Hf
Tf
Mb
Rif
Hf
Tf
Mb
Bottom thrust
Top thrust
Base of Oxidation
Arg
Hf
Tf
Mb
Rif
Hf
Tf
Mb
Tr
Hf
Mb
Rif
Rf
Rif
Rf
Rif
Rf


Proj.-3'E
Proj.-16'W
Proj.-50'W
ASARCO PROPERTY LINE
DDH 107
DDH 104
DDH 97
DDH 157
DDH 91
DDH 179
DDH 174
DDH 189
DDH 105
Ark & Arg
"C" Fault (?)
N 45° E
Arg
Pyf
Th w/Hf
Lower Qtzt
Hf
Tp
Mb
Vein & Mb Level 74
C Fault
N 80° E
Lower Tqt
Tt
Tt w/Hf
3000
2800
2600
2400
2200
2750 W
689 TD.
AMERICAN SMELTING AND REFINING COMPANY
EAST PIMA AREA
SECTION 2750 WEST
Pima Mining District, Pima County, Arizona
SCALE 1" = 100'
Map No. EP-122-97 P16



AMERICAN SMELTING AND REFINING COMPANY

EAST PIMA AREA
SECTION 3000 WEST

Pima Mining District, Pima County, Arizona

SCALE 1" = 100'

June 1957

Mno No. ER-122-98 P16