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The following file is part of the W. H. Crutchfield, Jr. Mining Collection

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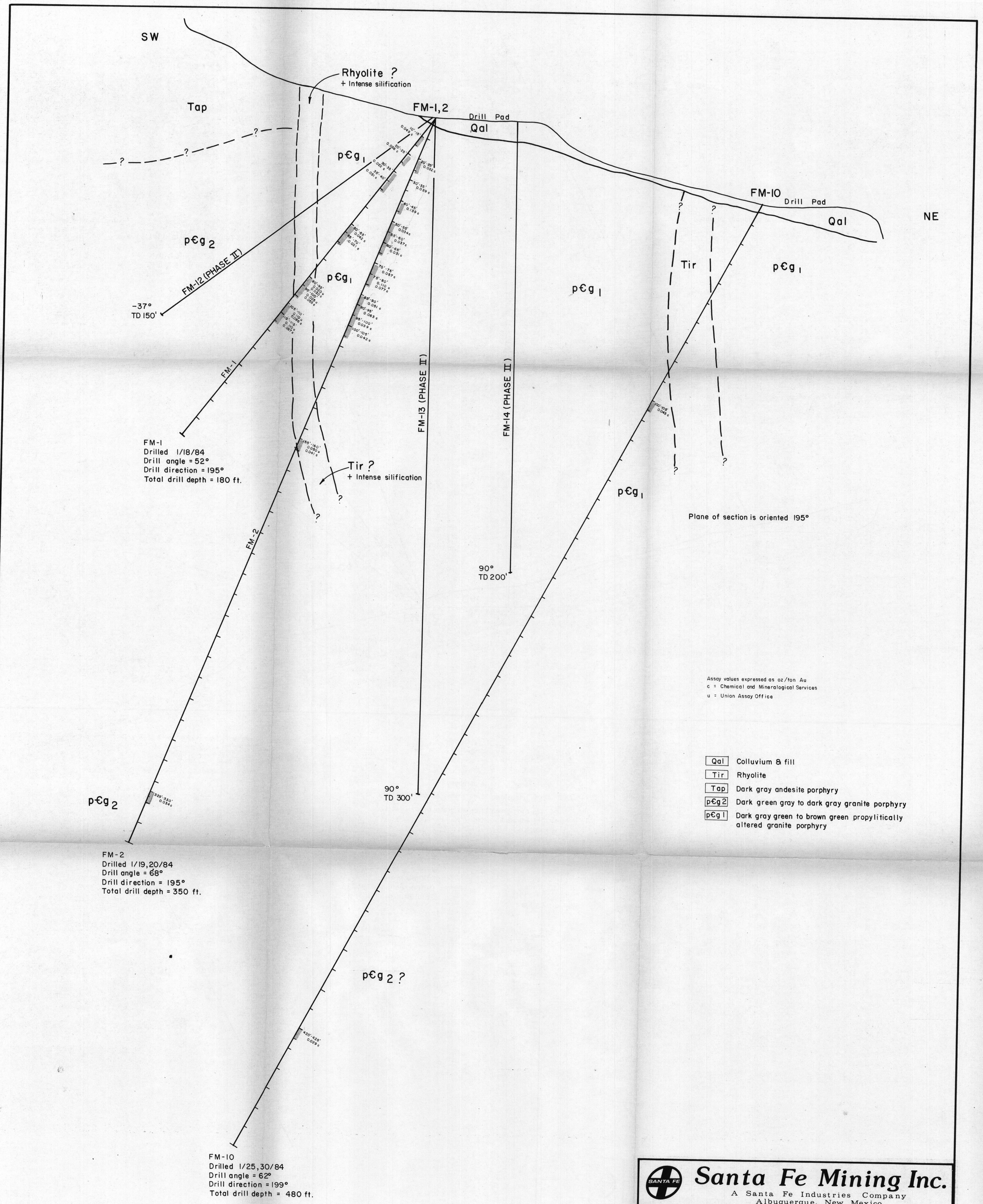
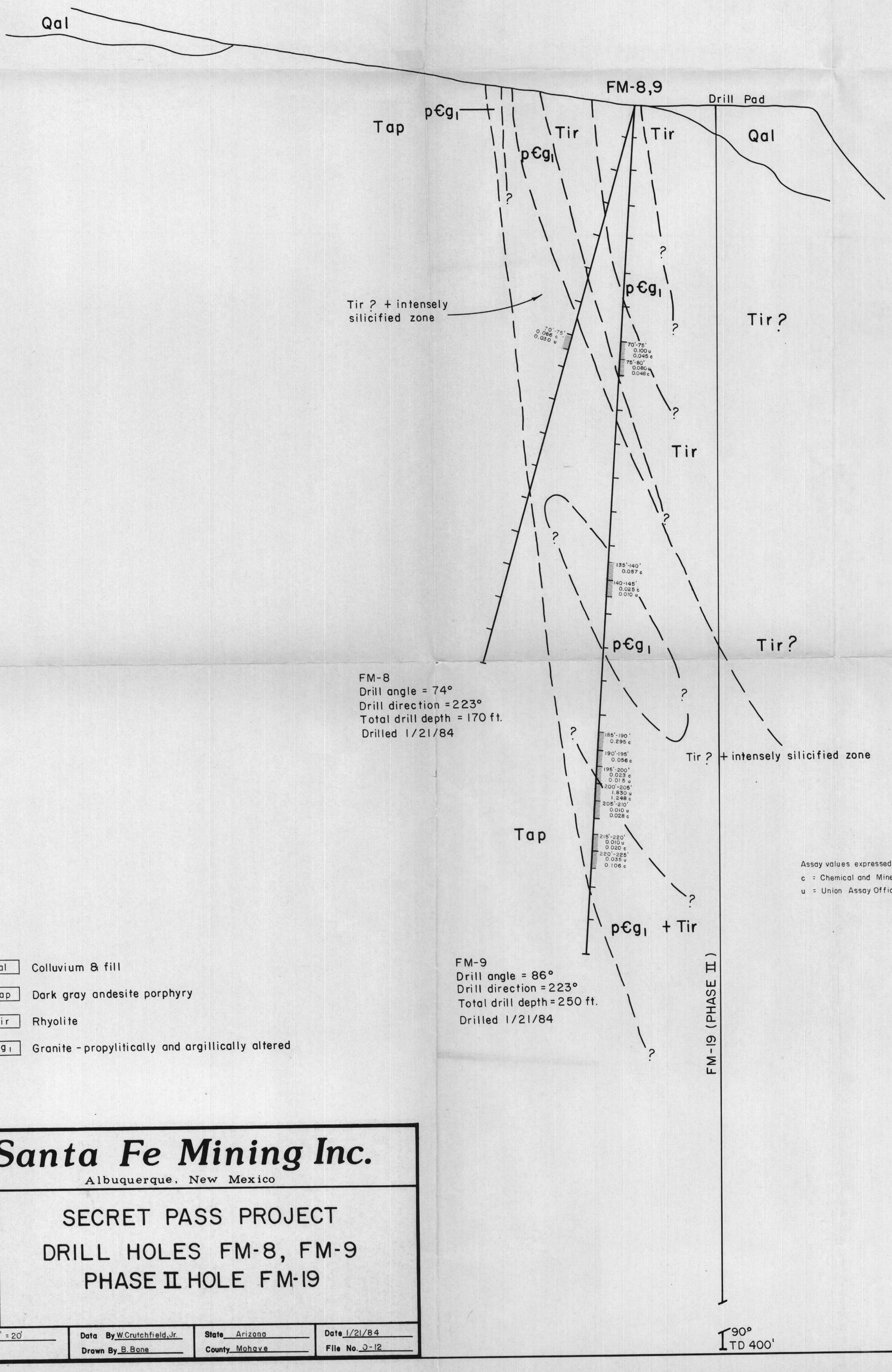
20 Maps

Drill Sections
Some with assays


SW
NE
Rhyolite ?
+ Intense silification
Tap
FM-1,2
Drill Pad
Qal
pEg1
pEg2
FM-12 (PHASE II)
-37°
TD 150'
FM-1
FM-13 (PHASE II)
FM-14 (PHASE II)
FM-10
Drill Pad
Qal
Tir
pEg1
Tir ?
+ Intense silification
FM-2
90°
TD 200'
90°
TD 300'
pEg2
pEg1
pEg2 ?
FM-1
Drilled 1/18/84
Drill angle = 52°
Drill direction = 195°
Total drill depth = 180 ft.
FM-2
Drilled 1/19,20/84
Drill angle = 68°
Drill direction = 195°
Total drill depth = 350 ft.
FM-10
Drilled 1/25,30/84
Drill angle = 62°
Drill direction = 199°
Total drill depth = 480 ft.
Plane of section is oriented 195°
Assay values expressed as oz/ton Au
c = Chemical and Mineralogical Services
u = Union Assay Office
Qal Colluvium & fill
Tir Rhyolite
Tap Dark gray andesite porphyry
pEg2 Dark green gray to dark gray granite porphyry
pEg1 Dark gray green to brown green propylitically altered granite porphyry
Santa Fe Mining Inc.
A Santa Fe Industries Company
Albuquerque, New Mexico
Revisions
By Date
BB 6/4/84
BB 9/19/84
SECRET PASS PROJECT
DRILL HOLES FM-1,FM-2 & FM-10
PHASE II HOLES FM-12,FM-13 & FM-14
Scale : 1" = 20'
Data By W.Crutchfield,Jr
Drawn By B. Bone
State Arizona
County Mohave
Date 4/5/84
File No. O-12



Assay values expressed as oz/ton Au.
c = Chemical and Mineralogical Services
u = Union Assay Office

Qal	Colluvium & fill
Tap	Dark gray andesite porphyry
Tir	Rhyolite
pЄg1	Granite - propylitically and argillically altered

Santa Fe Mining Inc.

Albuquerque, New Mexico

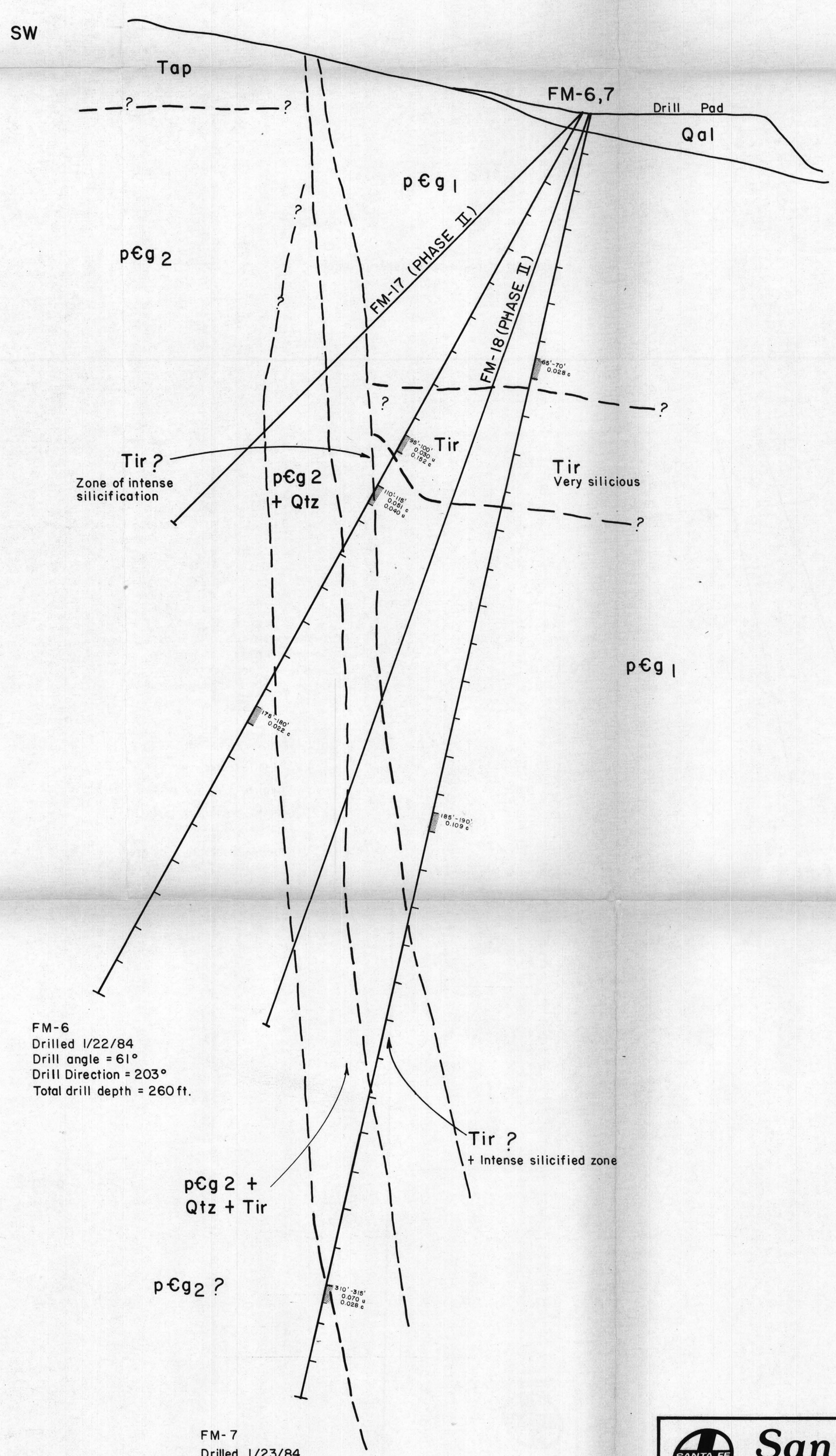
Revisions	
By	Date
BB	6/1/84
BB	9/19/84

SECRET PASS PROJECT

DRILL HOLES FM-8, FM-9
PHASE II HOLE FM-19

Scale : 1" = 20'	Data By W.Crutchfield,Jr.	State Arizona	Date 1/21/84
	Drawn By B. Bone	County Mohave	File No. 0-12

Plane of section oriented 203°



Assay values expressed as oz/ton Au
c = Chemical and Mineralogical Services
u = Union Assay Office

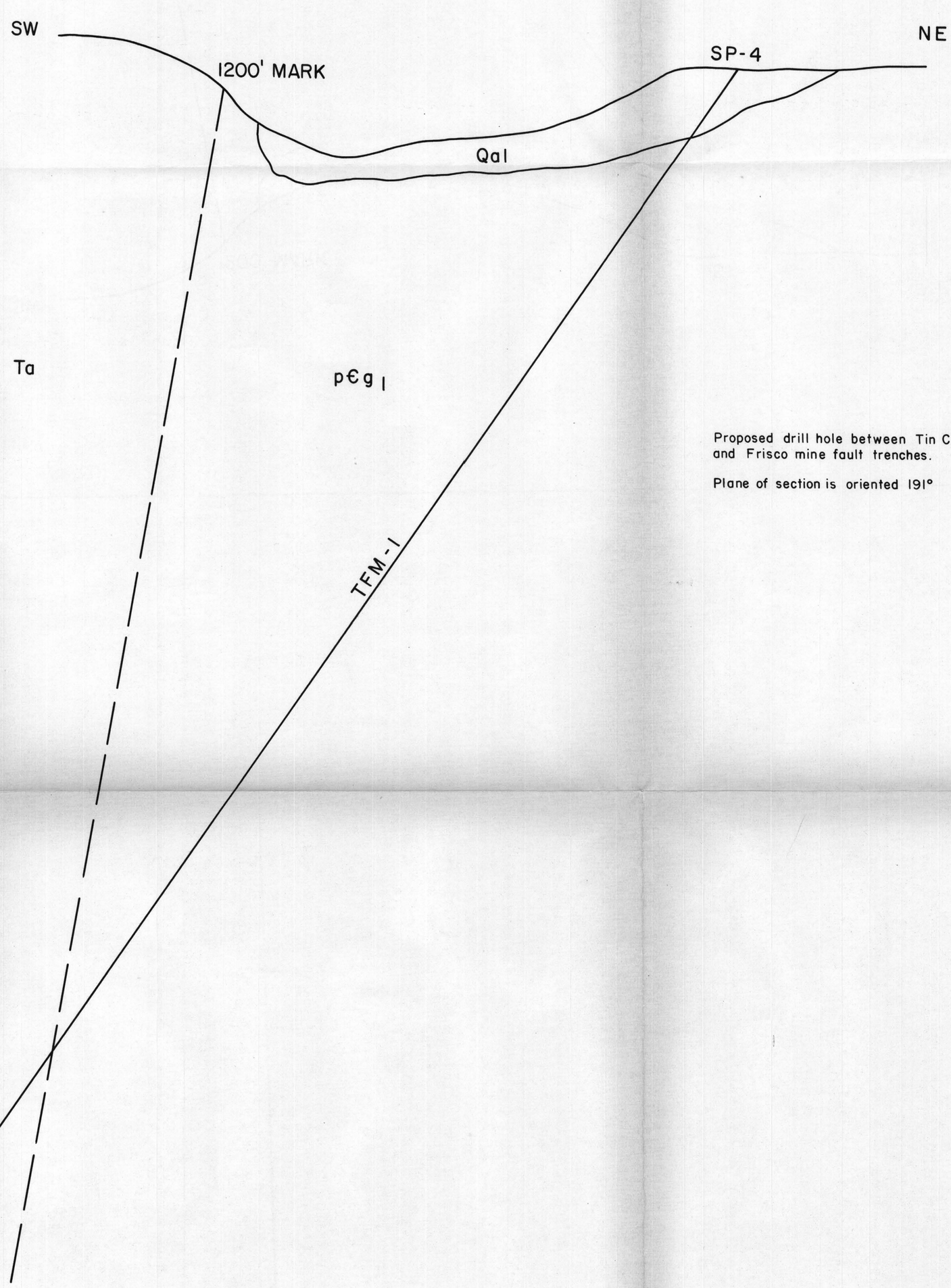
Qal	Colluvium & fill
Tap	Andesite Porphyry
Tir	Rhyolite
pEg 2	Granite, dark gray to dark green; relatively unaltered
pEg 1	Granite, moderate gray green, propylitically and argillically altered

Santa Fe Mining Inc.
A Santa Fe Industries Company
Albuquerque, New Mexico

Revisions	
By	Date
BB	6/4/84
BB	9/19/84

SECRET PASS PROJECT
DRILL HOLES FM-6, FM-7
PHASE II HOLES FM-17 & FM-18

Scale : 1" = 20'
Data By W.Crutchfield, Jr.
Drawn By B. Bone
State Arizona
County Mohave
Date 4/5/84
File No. 0-12



Proposed drill hole between Tin Cup mine and Frisco mine fault trenches.

Plane of section is oriented 191°

Santa Fe Mining Inc.

Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLE TFM-1

Scale : 1" = 20'

Data By W.Crutchfield,Jr.

Drawn By B. Bone

State Arizona

County Mohave

Date 9/18/84

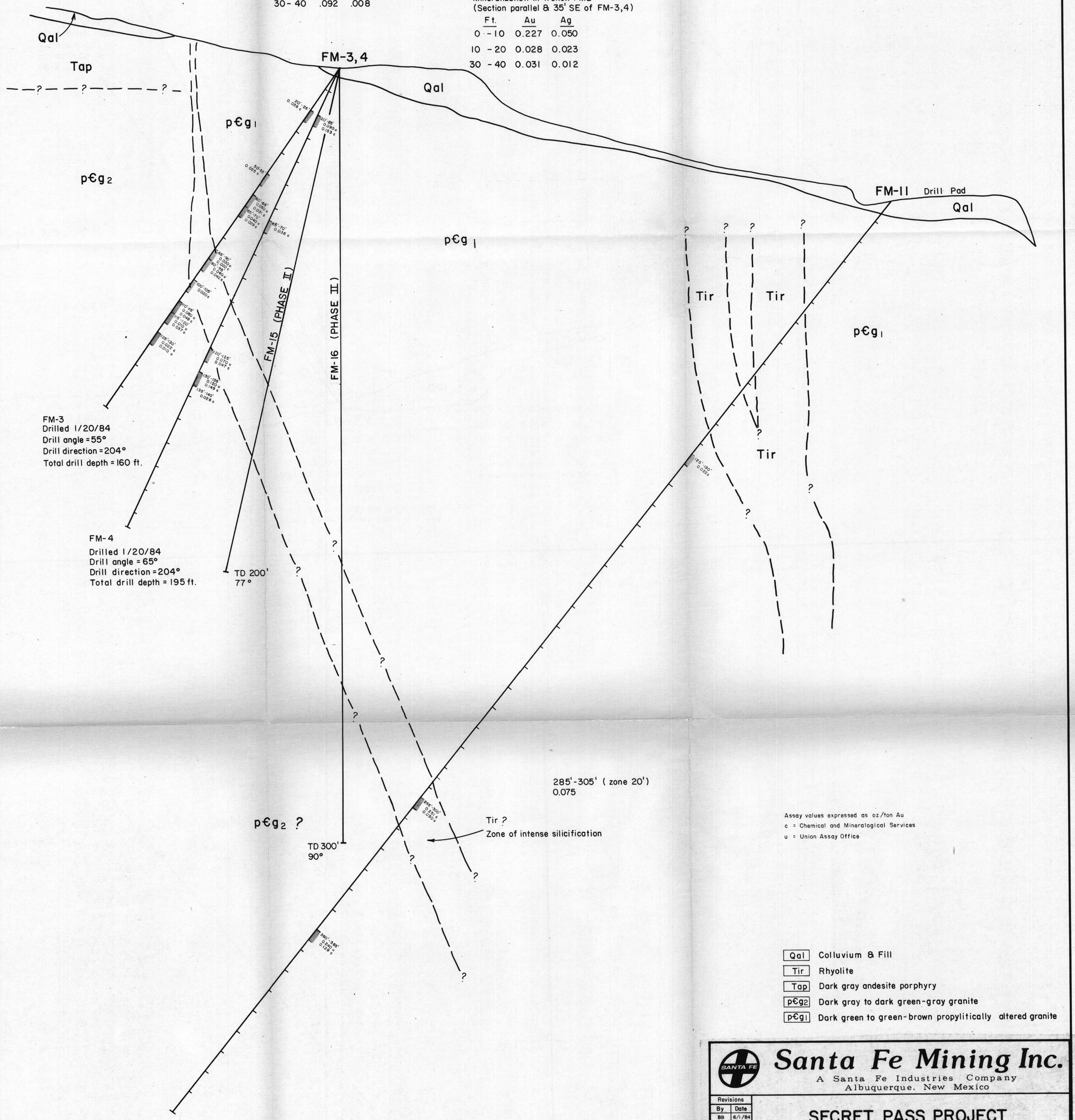
File No. O-12

Mineralization in trench FMA
(Section parallel & 20' NW of FM-3,4)

Ft.	Au	Ag
20 - 30	.013	.029
30 - 40	.092	.008

Mineralization in trench FMB
(Section parallel & 35' SE of FM-3,4)

Ft.	Au	Ag
0 - 10	0.227	0.050
10 - 20	0.028	0.023
30 - 40	0.031	0.012



Assay values expressed as oz/ton Au
c = Chemical and Mineralogical Services
u = Union Assay Office

Qal	Colluvium & Fill
Tir	Rhyolite
Tap	Dark gray andesite porphyry
pEg2	Dark gray to dark green-gray granite
pEg1	Dark green to green-brown propylitically altered granite

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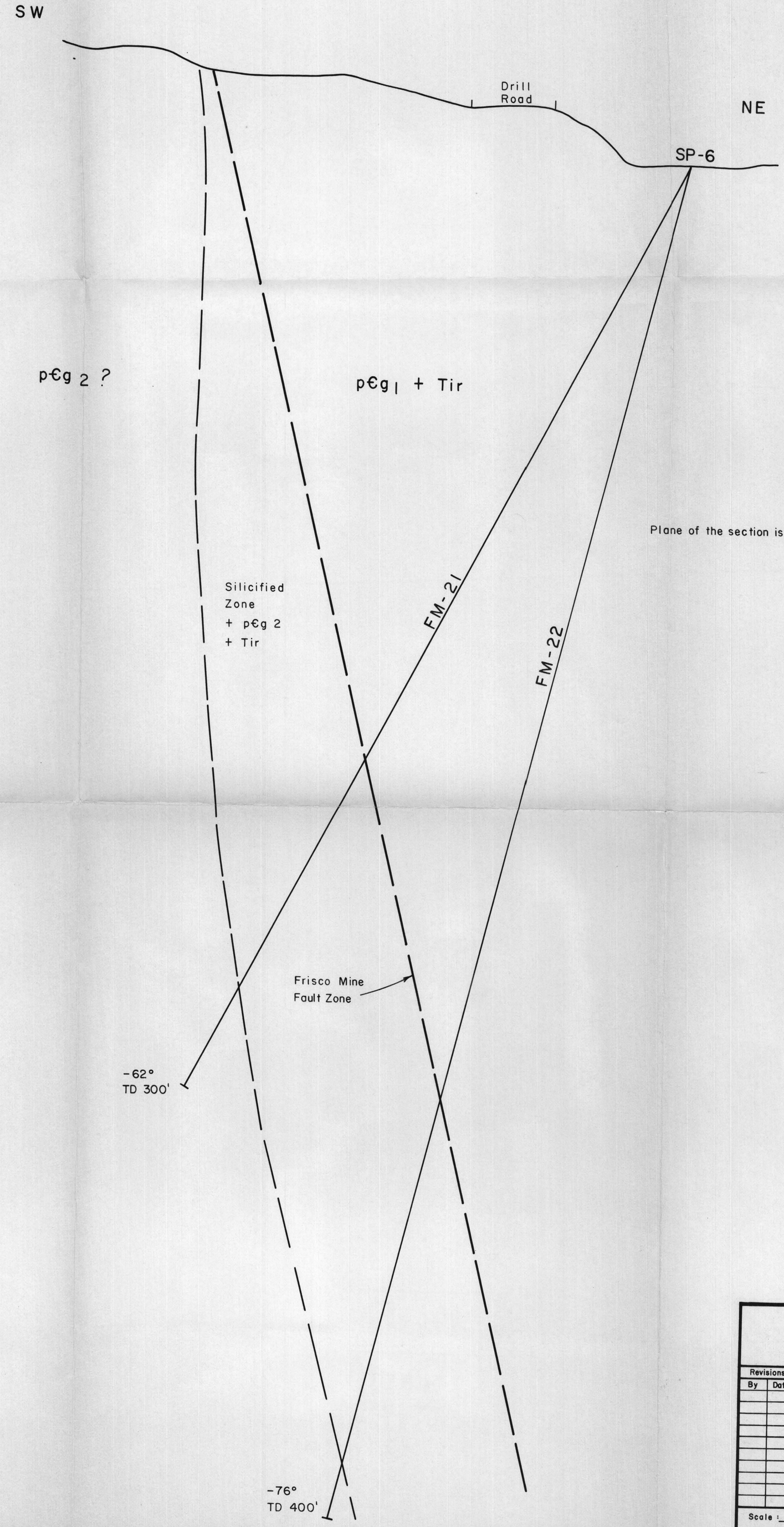
A Santa Fe Industries Company
Albuquerque, New Mexico

Revisions	
By	Date
BB	6/1/84
BB	9/19/84

SECRET PASS PROJECT
DRILL HOLES FM-3, FM-4 & FM-11
PHASE II HOLES FM-15 & FM-16

Scale : 1" = 20'
Data By W.Crutchfield,Jr.
Drawn By B. Bone
State Arizona
County Mohave
Date 3/13/84
File No. O-12



Plane of the section is oriented 215°

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Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLES FM-21 & FM-22

Scale : 1" = 20'

Data By W.Crutchfield Jr.

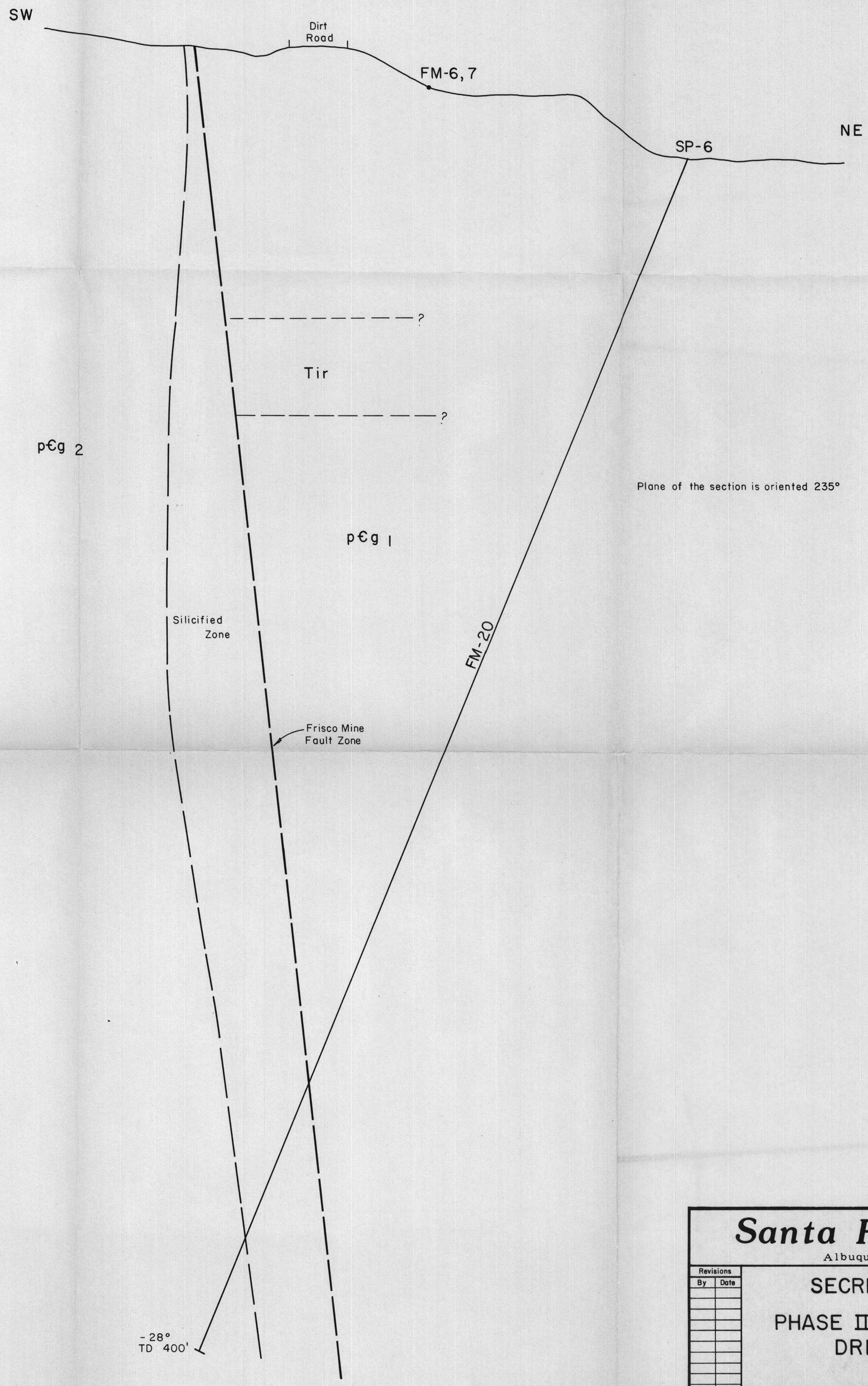
Drawn By B. Bone

State Arizona

County Mohave

Date 9/18/84

File No. 0-12



Plane of the section is oriented 235°

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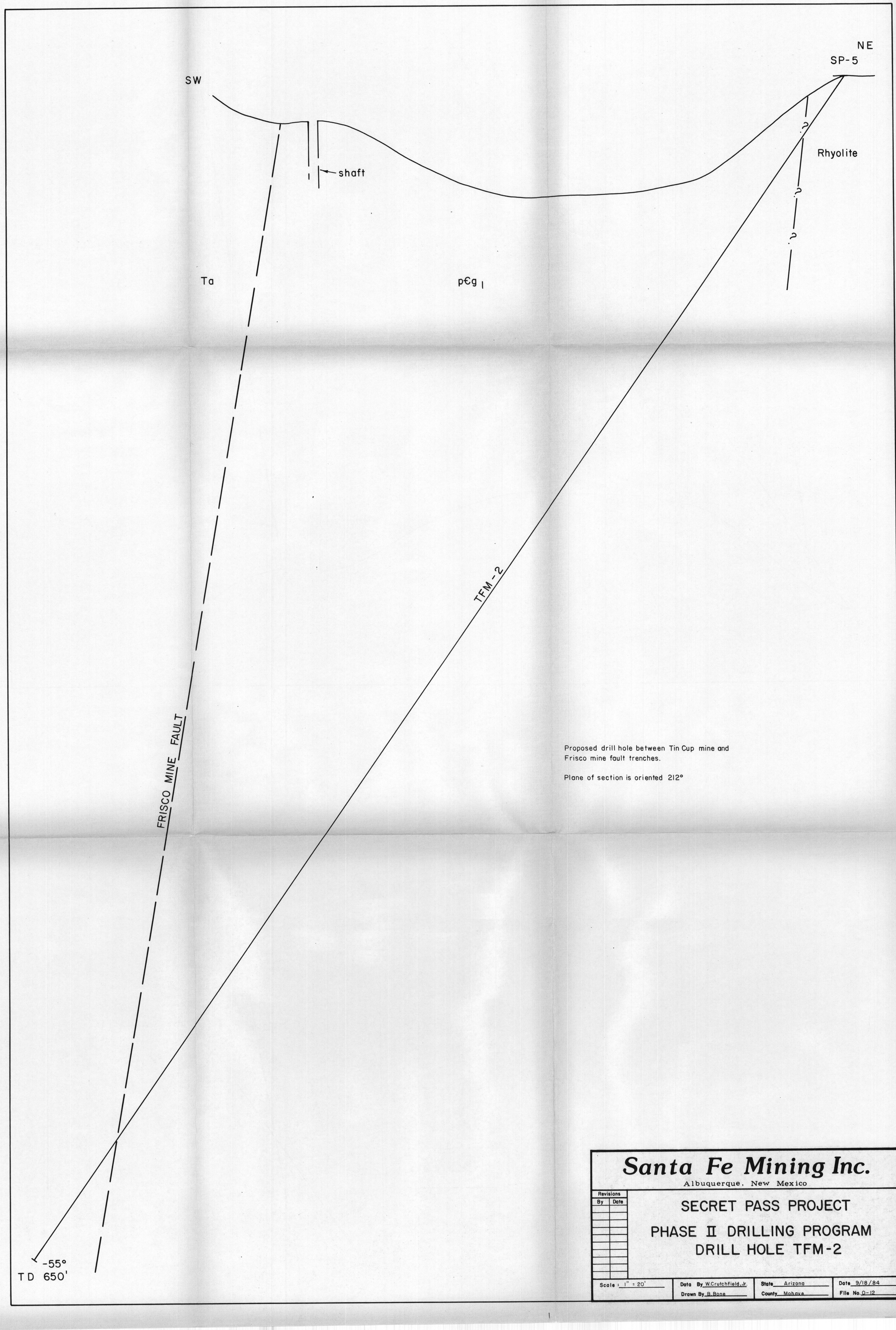
Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLE FM-20

Scale : 1" = 20'	Data By W.Crutchfield,Jr.	State Arizona	Date 9/18/84
	Drawn By B. Bone	County Mohave	File No. 0-12



Proposed drill hole between Tin Cup mine and Frisco mine fault trenches.

Plane of section is oriented 212°

Santa Fe Mining Inc.

Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLE TFM-2

Scale : 1" = 20'

Data By W.Crutchfield,Jr.

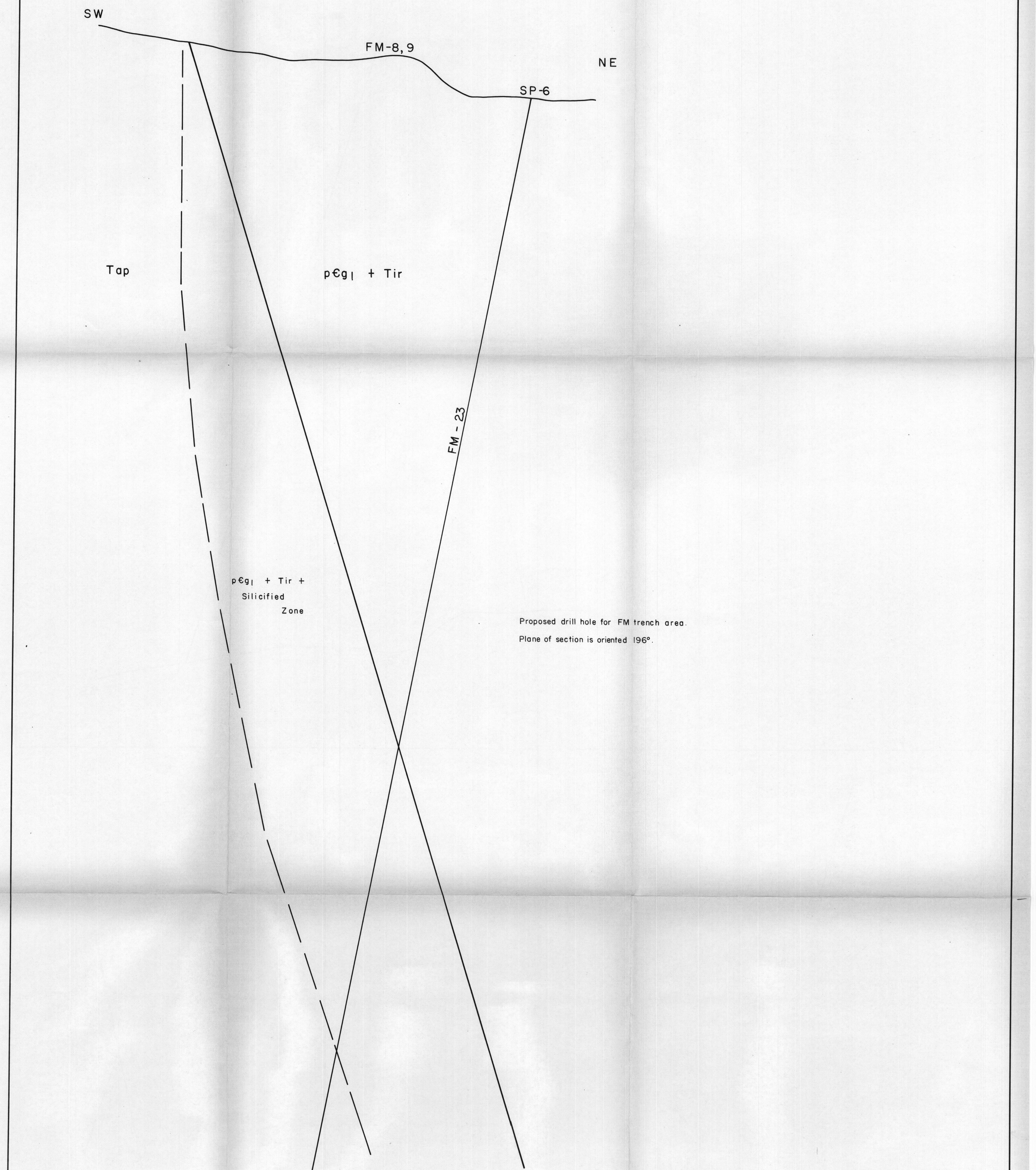
Drawn By B.Bone

State Arizona

County Mohave

Date 9/18/84

File No. 0-12



Proposed drill hole for FM trench area.

Plane of section is oriented 196°.

Santa Fe Mining Inc.

Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM

DRILL HOLE FM-23

Scale : 1" = 20'	Data By W.Crutchfield	State Arizona	Date 9/18/84
	Drawn By B.Bone	County Mohave	File No. 0-12

SW

Proposed drill holes for FM trench area

←FME Trench→

SP-9

NE

Plane of section oriented 194°

RANGE OF STRUCTURE

Ta

Ta

$p\epsilon g_1$

$p\epsilon g_1$

FM-39

FM-40

-45°
TD 500'

-65°
TD 400'

Santa Fe Mining Inc.

Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLES FM-39 & FM-40

Scale : 1" = 20'

Data By W.Crutchfield,Jr.

Drawn By B.Bone

State Arizona

County Mohave

Date 9/18/84

File No. 0-12

SW

SP-8

NE

Proposed drill holes for FM trench areas.

Plane of section oriented 226°

FM-31

FM-32

Silicified Zone

Silicified Zone

Silicified Zone

Tap

+ pEg l

pEg l

pEg l

Frisco Mine Fault Zone

-47°
TD 300'

-72°
TD 400'

Santa Fe Mining Inc.

Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLES FM-31 & FM-32

Scale : 1" = 20'

Data By W. Crutchfield, Jr.

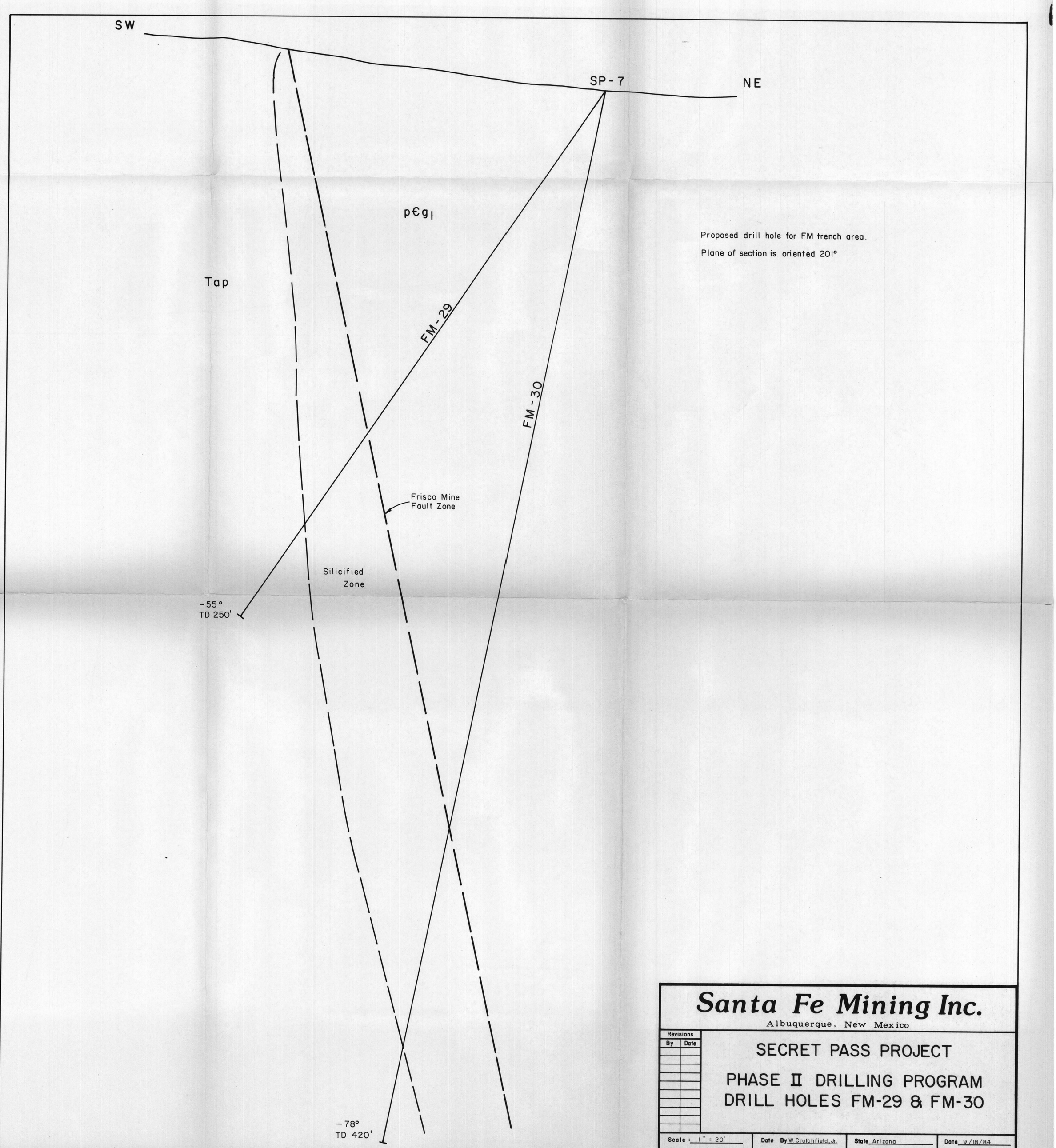
Drawn By B. Bone

State Arizona

County Mohave

Date 9/18/84

File No. 0-12



Proposed drill hole for FM trench area.

Plane of section is oriented 201°

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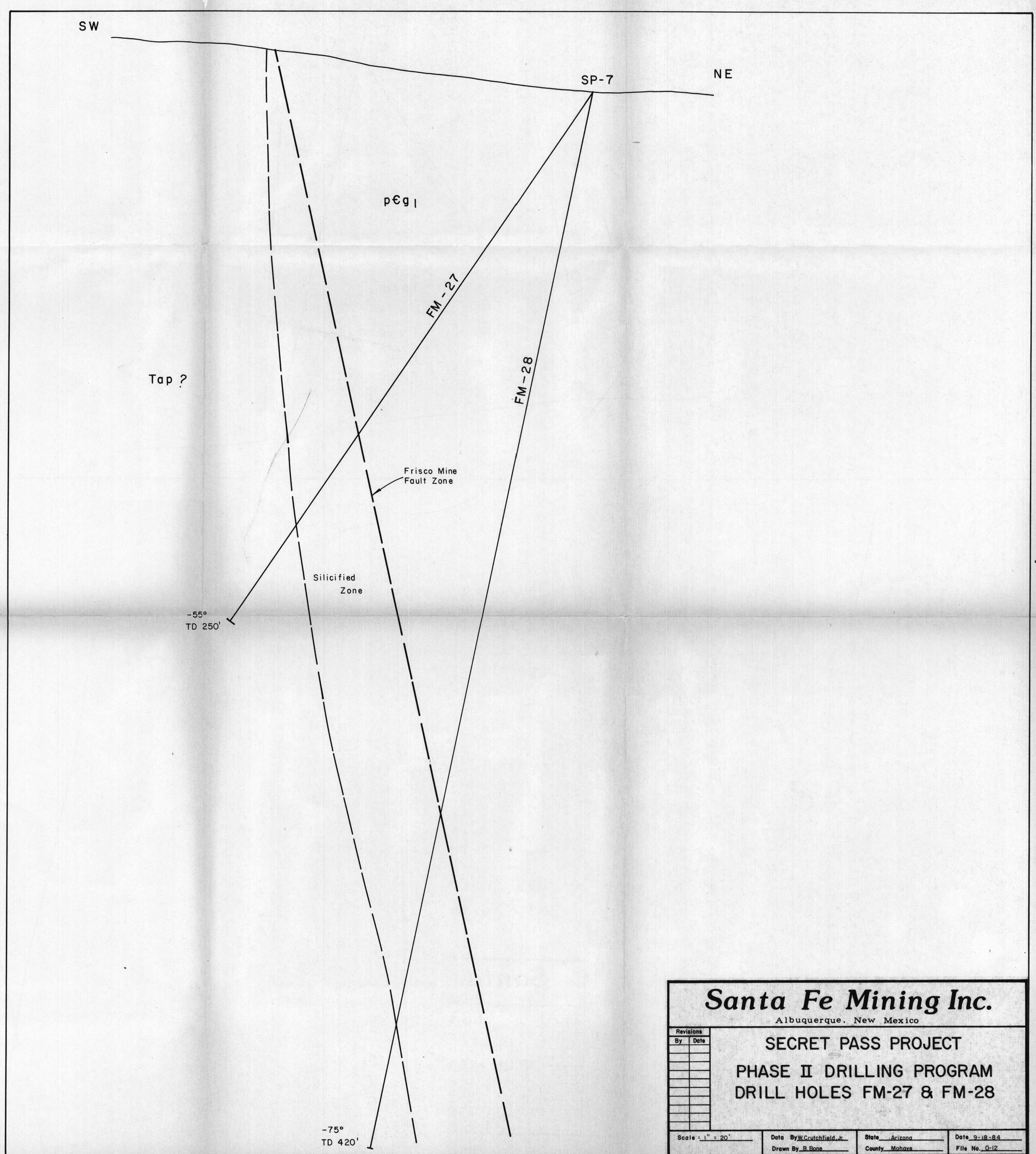
Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLES FM-29 & FM-30

Scale : 1" = 20'	Date By W. Crutchfield, Jr.	State Arizona	Date 9/18/84
	Drawn By B. Bone	County Mohave	File No. O-12



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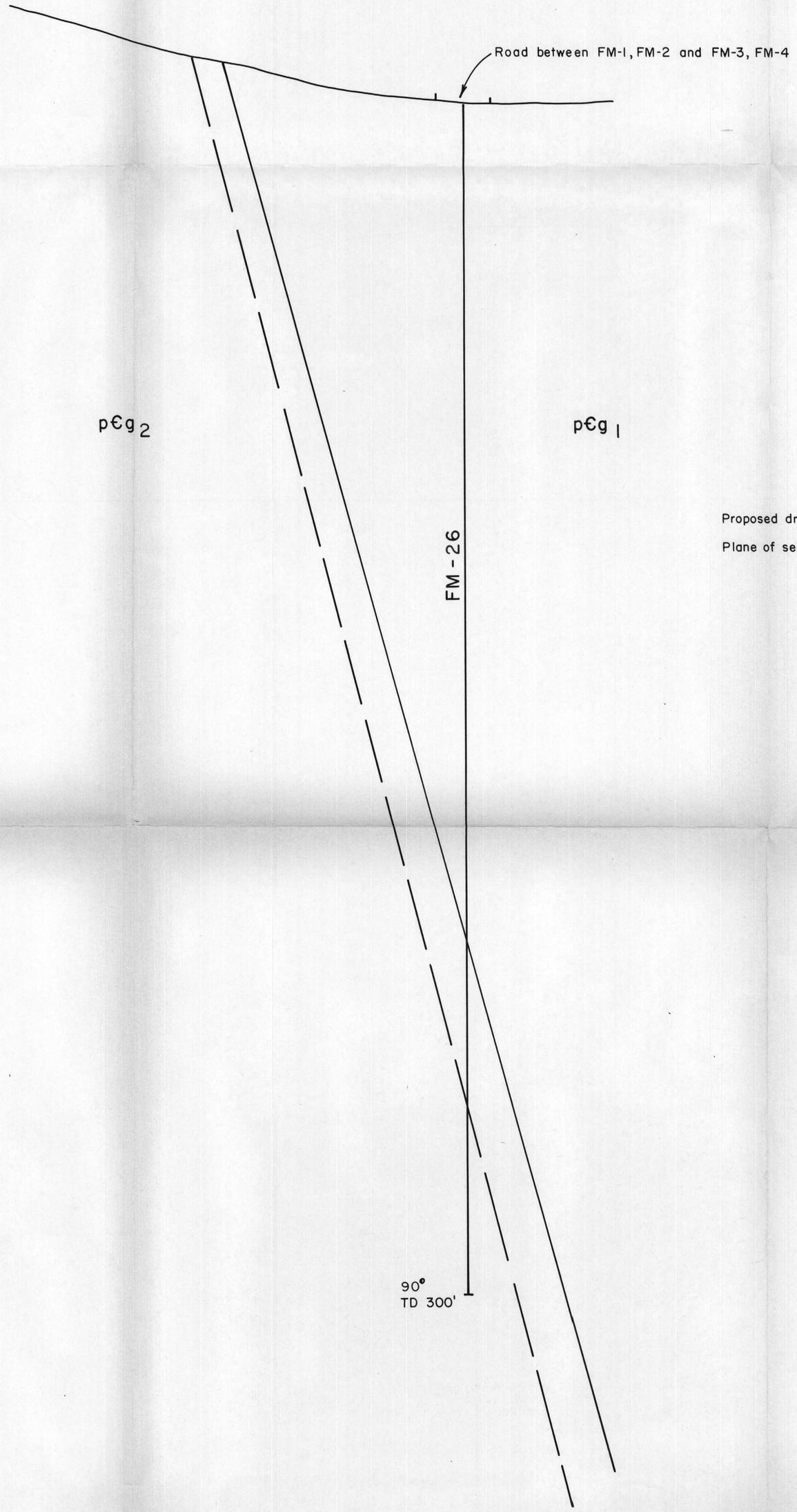
Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLES FM-27 & FM-28

Scale : 1" = 20'	Data By W.Crutchfield,Jr.	State Arizona	Date 9-18-84
	Drawn By B.Bone	County Mohave	File No. 0-12



Proposed drill hole for FM trench area

Plane of section is oriented 195°

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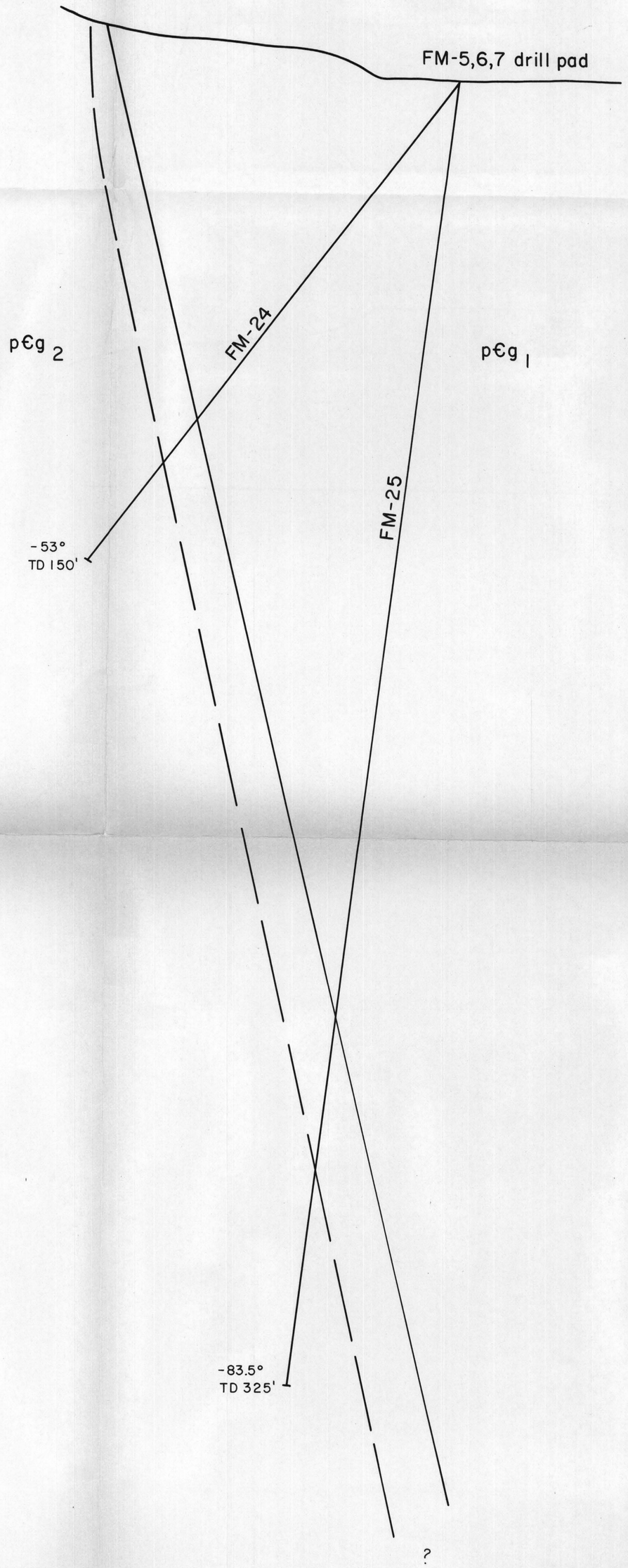
Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLE FM-26

Scale : 1" = 20'	Data By W. Crutchfield	State Arizona	Date 9/19/84
	Drawn By B. Bone	County Mohave	File No. O-12



Proposed drill hole for Frisco mine trench area.

Plane of section is oriented 230°

Santa Fe Mining Inc.

Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLES FM-24 & FM-25

Scale : 1" = 20'

Data By W.Crutchfield

Drawn By B. Bone

State Arizona

County Mohave

Date 9/19/84

File No. Q-12

SW

NE

TEST HOLE

← FME TRENCH →

SP-9

Plain of section oriented 216°

FM-36
TEST HOLE

-55°
TD 100'

POSSIBLE RANGE
IN DIP OF STRUCTURE

Tap

FM-36 Will determine dip of
Tap - p€g contact.

(FM-37, FM-38 to be adjusted
accordingly)

p€g$_l$

p€g$_l$

FM-37

FM-38

Silicified Zone

-50°
TD 550'

-68°
TD 400'

Santa Fe Mining Inc.

Albuquerque, New Mexico

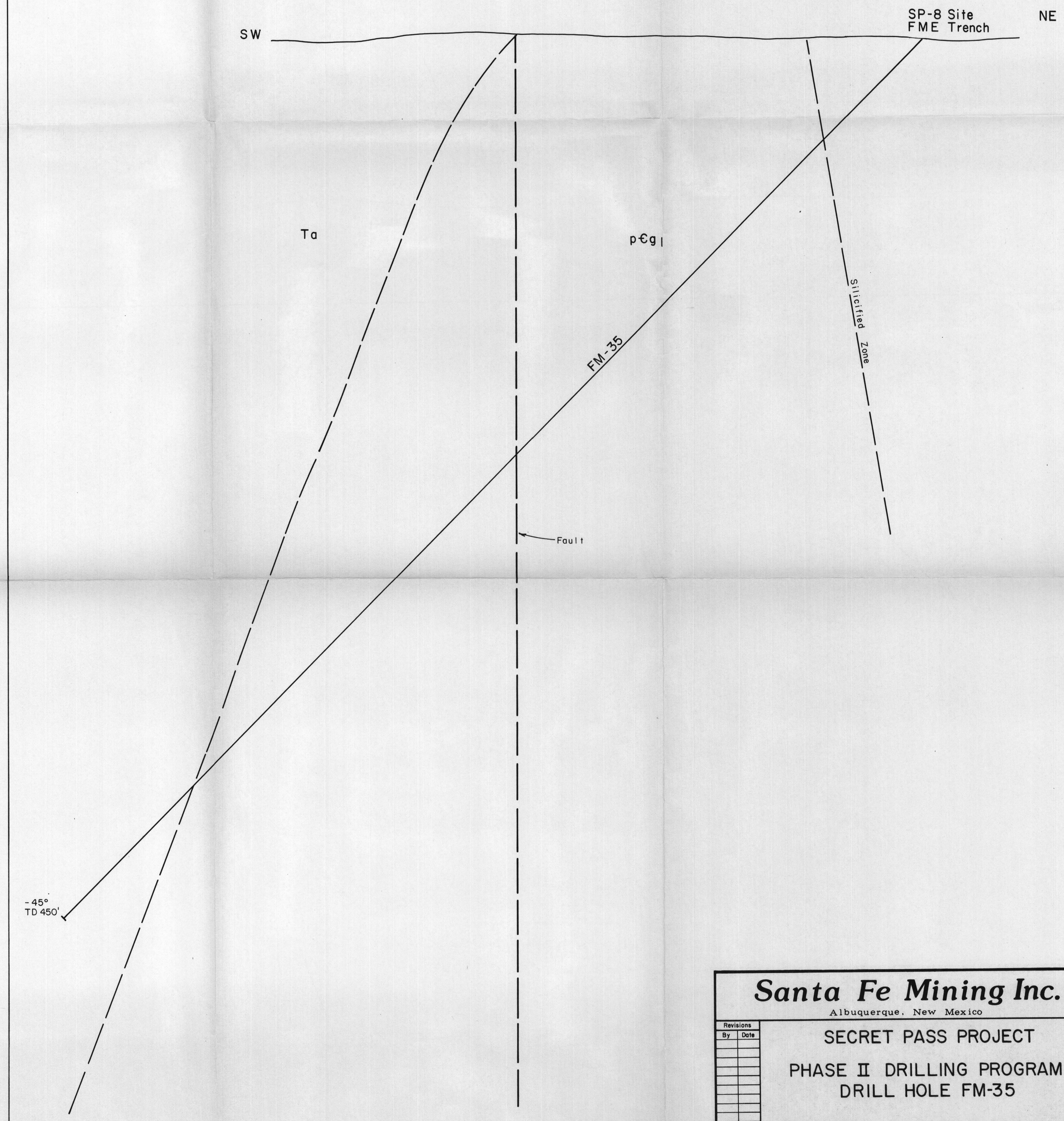
Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLES FM-36, FM-37 & FM-38

Scale : 1" = 20'	Data By W. Crutchfield, Jr.	State Arizona	Date 9/18/84
	Drawn By B. Bone	County Mohave	File No. 0-12

Proposed drill hole for Frisco mine trench area.
Plane of section is oriented 247°



Santa Fe Mining Inc.
Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLE FM-35

Scale : 1" = 20'	Data By W. Crutchfield	State Arizona	Date 9/18/84
	Drawn By B. Bone	County Mohave	File No. O-12

SW

NE

SP-8

Ta

$p\epsilon g_1$

$p\epsilon g_1$

FM-33

FM-34

Frisco Mine
Fault Zone

Silicified
Zone

Silicified Zone

-47°
TD 300'

-72°
TD 400'

Proposed drill hole for FM trench area.

Plane of section is oriented 187°

Santa Fe Mining Inc.

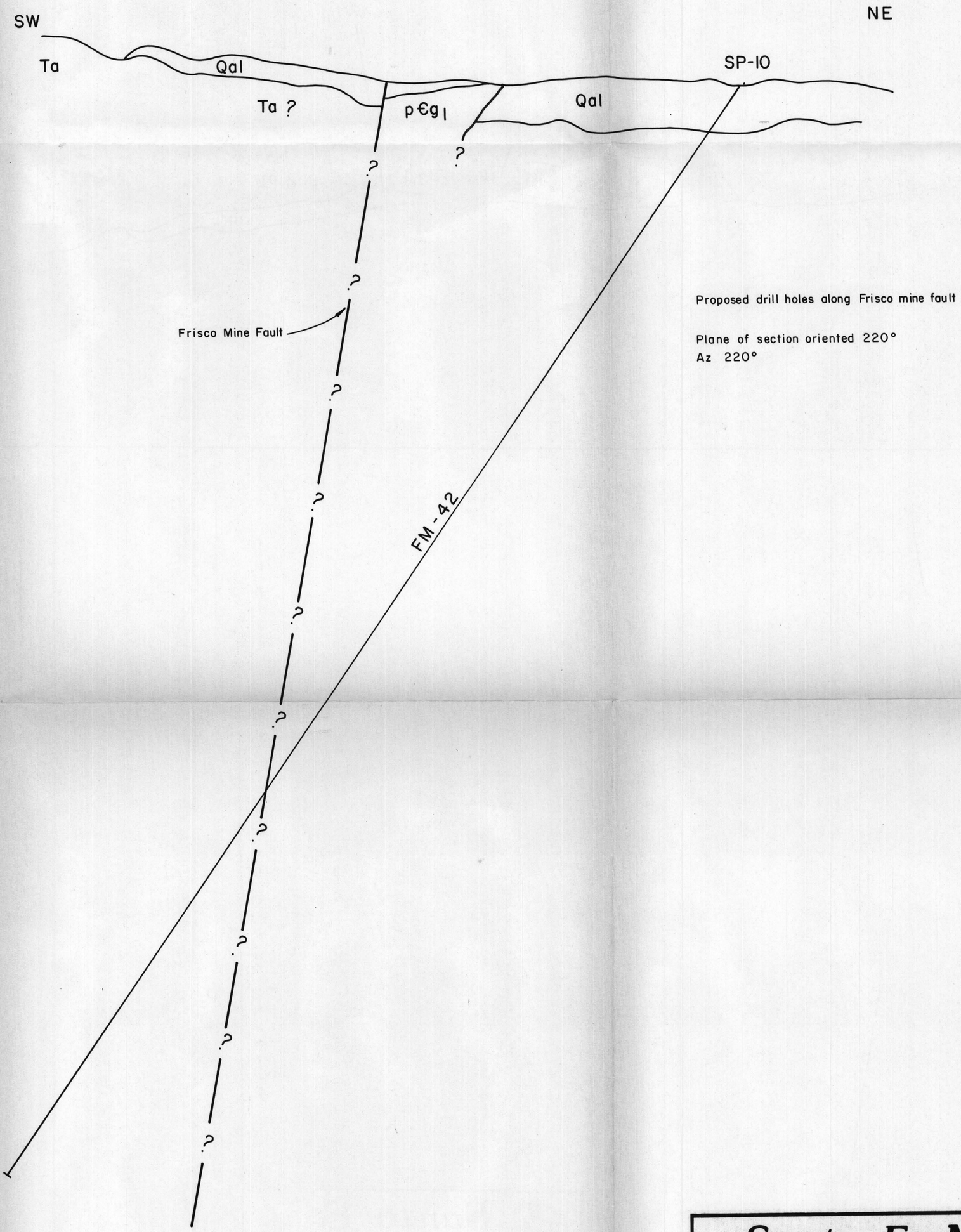
Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLES FM-33 & FM-34

Scale : 1" = 20'	Data By W. Crutchfield Drawn By B. Bone	State Arizona County Mohave	Date 9/18/84 File No. 0-12



Proposed drill holes along Frisco mine fault

Plane of section oriented 220°
Az 220°

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Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM
DRILL HOLE FM-42

Scale : 1" = 20'

Data By W.Crutchfield, Jr
Drawn By B. Bone

State Arizona
County Mohave

Date 9/18/84
File No. D-12

Proposed drill hole for FM trench area.

Plane of section oriented 168°

SW

NE

SP-9

FME TRENCH

$p\epsilon g_1$

$p\epsilon g_1$

Ta

$p\epsilon g_1$

Contact indefinit until determined by FM-36

FM-41

Silicified Zone

-55°
TD 400'

Santa Fe Mining Inc.

Albuquerque, New Mexico

Revisions	
By	Date

SECRET PASS PROJECT

PHASE II DRILLING PROGRAM

DRILL HOLE FM-41

Scale : 1" = 20'

Data By W.Crutchfield,Jr.

Drawn By B. Bone

State Arizona

County Mohave

Date 9/18/84

File No. 0-12