4400

4350

4300

4250

4200

4150

4100

4050

4000

3950

3900

3850

Legend

Tertiary

10	Post Volcanic Sediments
9	Equigranular Andesite
8	Quartz Vein
7	Porphyritic Dacite
6	Upper Andesite
5	Middle Andesite
4	Lower Andesite
3	Rhyolitic Tuff-Breccia
2	Bottom Andesite

Cretaceous

1	Bisbee Group

Ag oz./Ton

- .5-0.99
- 1.00-1.99
- 2.00-2.99
- +3.00

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DATE: NOV 17 1976

97+50 N

54

ethlehem
opper
CORPORATION
VANCOUVER BRITISH COLUMBIA

TITLE — COMMONWEALTH PROJECT
GEOLOGICAL DRILL HOLE SECTION (N

CP-76-14

SECTION (113+60

4400

4350

4300

4250

4200

4150

4100

4050

4000

3950

3900

3850

Legend

Tertiary

10	Post Volcanic Sediments
9	Equigranular Andesite
8	Quartz Vein
7	Porphyritic Dacite
6	Upper Andesite
5	Middle Andesite
4	Lower Andesite
3	Rhyolitic Tuff-Breccia
2	Bottom Andesite

Cretaceous

1	Bisbee Group

Ag oz./Ton

- 0-0.99
- 1.00-1.99
- 2.00-2.99
- +3.00

PRELIMINARY COPY ONLY

DATE: NOV 17 1976

97+50 N

TITLE — COMMONWEALTH PROJECT
GEOLOGICAL DRILL HOLE SECTION (I

CP-76-14

SECTION (113+6

Bethlehem Copper CORPORATION
VANCOUVER BRITISH COLUMBIA

8

P-76-15

P-76-12

P-76-16

100+00 N

FILE No.

DRAWING No.

5

16

LEGEND

EOLOGY

ERTIARY

8 Massive Quartz Veins

7 Hornblende-Feldspar Porphyritic Dacite

SYMBOLS

Fault, Defined, Presumed, Possible

Fault With Attitude

20

Subsidence Fracture

100+00 N

5

LEGEND

GY

Y

assive Quartz Veins

ornblende, Feldspar, Porphyritic Dacite

pper Andesite, Primarily Tuff

iddle Andesite, Hornblende Porphyry

wer Andesite, Andesite Flow

yolitic Tuff - Breccia

ttom Andesite, Andesite Flow

OUS

SBEE GROUP
edominantely Calcareous, Fine Grained
ndstones & Shales

VIATIONS

Quartz Vein(s)

Brecciation

Hematite

Specular Hematite

Disseminated

SYMBOLS

~~ ~~~?~	Fault, Defined, Presumed, Possible
20	Fault With Attitude
	Subsidence Fracture
10	Fracture Attitude
10	Bedding, Flow Attitude
10	Quartz Vein Attitude
	Trench
	Shaft
	Adit
	Percussion Drill Hole
	Diamond Drill Hole
	Road, Good, Poor, Impassible
	Outcrop
——?——	Geological Contact, Defined, Assumed, Possible
	Area of Subsidence
	Dump

6

PRELIMINARY
COPY ONLY
DATE: NOV 17 1976

H

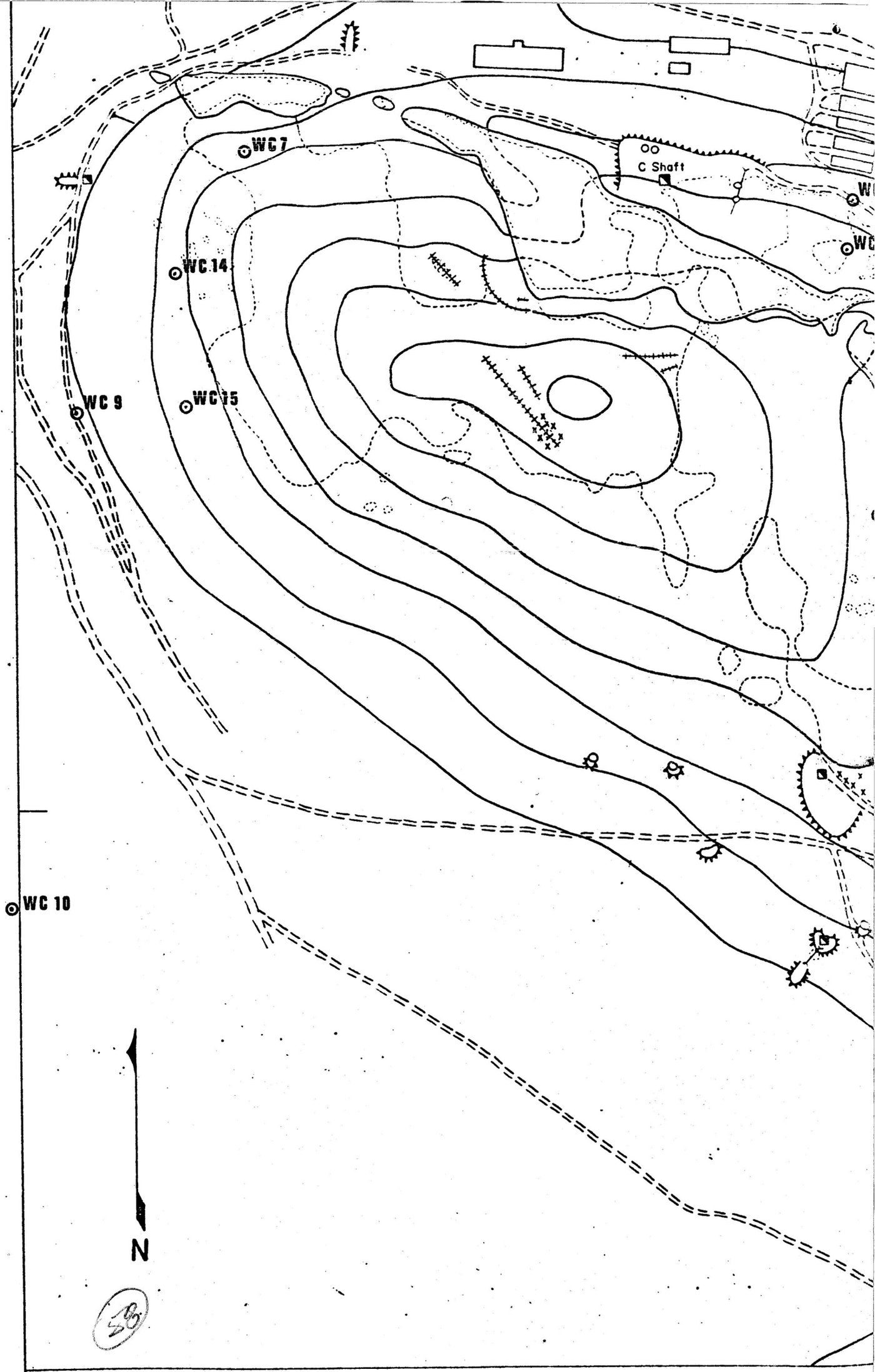
em

ION LTD
BRITISH COLUMBIA

TITLE — COMMONWEALTH PROJECT
GEOLOGICAL PLAN

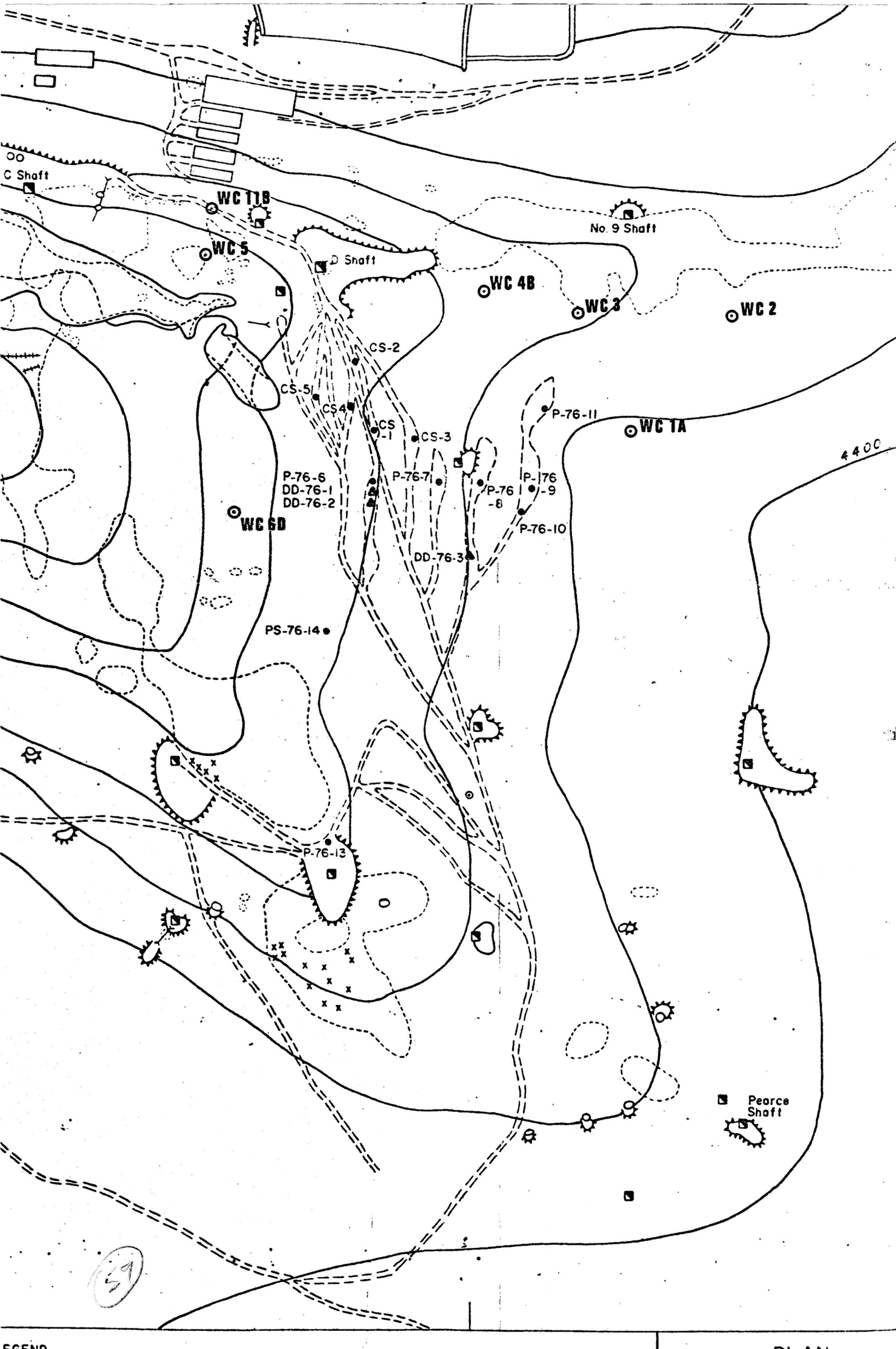
FILE NUMBER —

DRAWING NUMBER — CP-76-5



LEGEND

	Dump		Trench	•	Percussion Drill Hole
	Area of Subsidence		Subsidence Fracture	▲	Diamond Drill Hole
	Outcrop		Shaft		Contour Line
	Adit		Road	x	Prospects

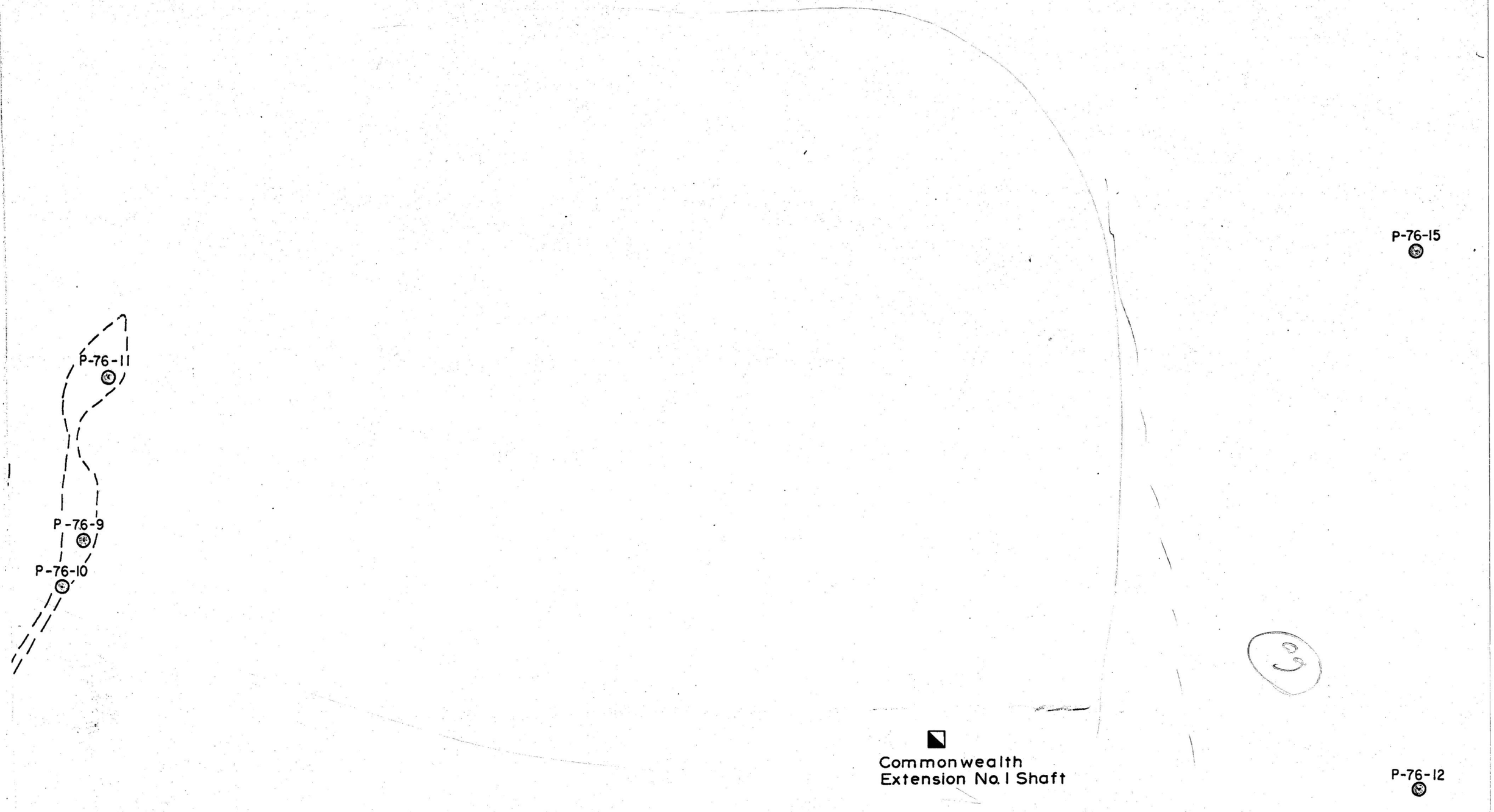


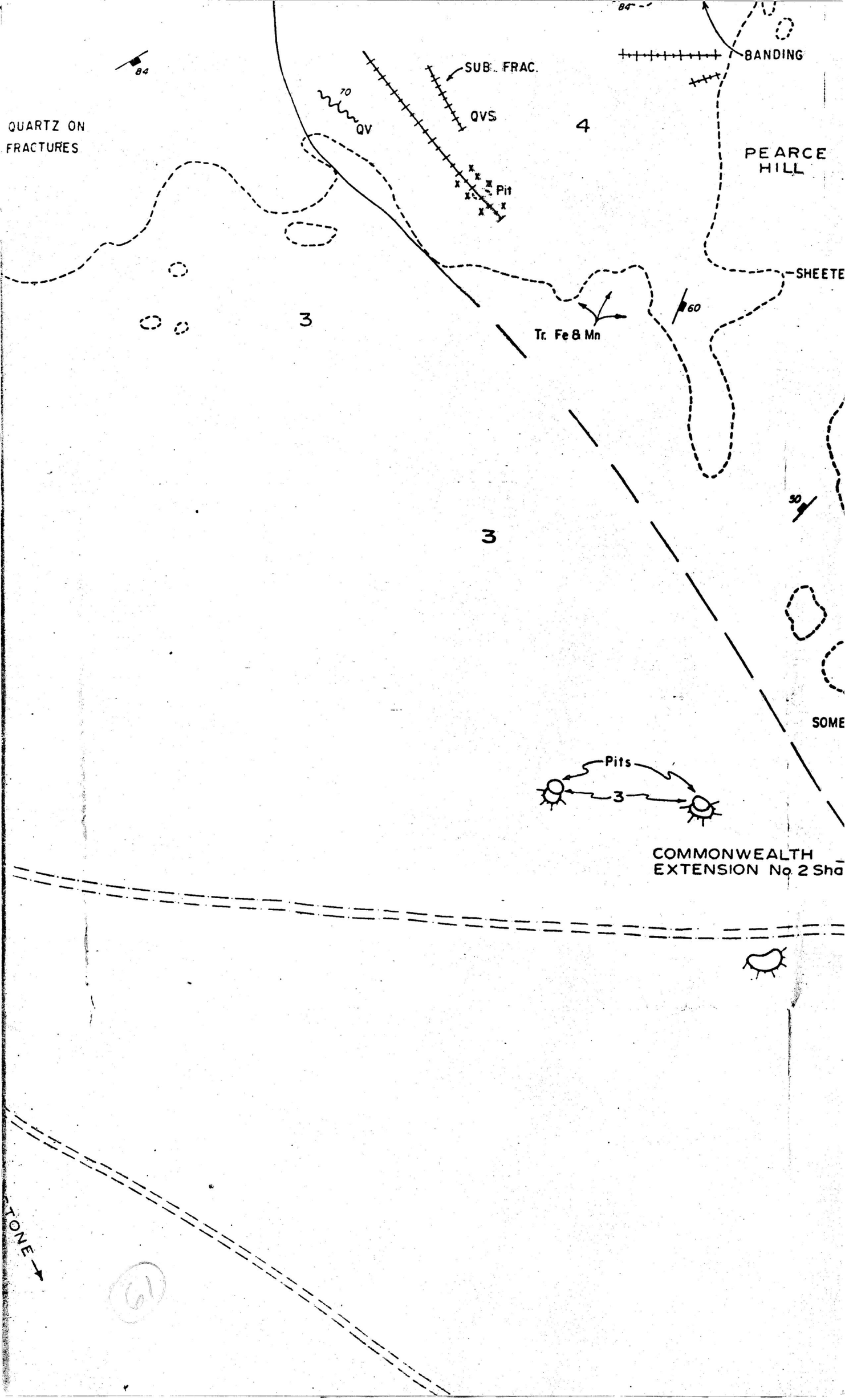
EGEND

Percussion Drill Hole
Diamond Drill Hole
Contour Line
Prospects

COMPLETED DRILL HOLES O

PLAN
SCALE 1" = 200'
CONTOUR INTERVAL 4


P-76-15
P-76-11
P-76-9
P-76-10
Commonwealth
Extension No. 1 Shaft
P-76-12

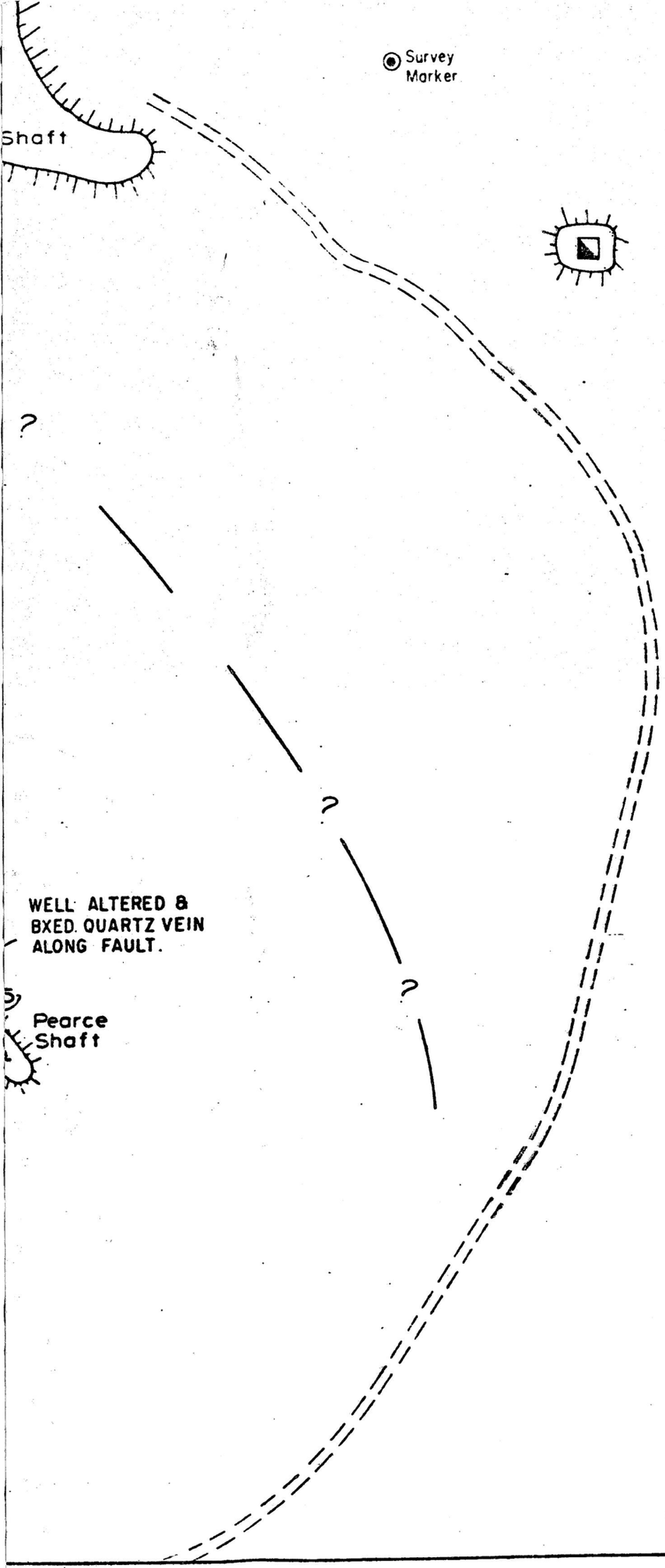

84
84
BANDING
SUB. FRAC.
70
QV
QVS
4
QUARTZ ON
FRACTURES
PEARCE
HILL
Pit
SHEETE
60
3
Tr. Fe & Mn
50
3
SOME
Pits
3
COMMONWEALTH
EXTENSION No 2 Sha
TONE

Commonwealth
Extension No. 1 Shaft

P-76-12

P-76-16

N-Shaft



GEOLOGY

TERTIARY

8	Massive Quartz Ve
7	Hornblende, Feldsp
6	Upper Andesite, Pri
5	Middle Andesite, H
4	Lower Andesite, A
3	Rhyolitic Tuff - Br
2	Bottom Andesite,

CRETACEOUS

1	BISBEE GROUP Predominantely Cal Sandstones & Sha

ABBREVIATIONS

QV(S)	Quartz Vein(s)
xx BXED.	Brecciation
HEM	Hematite
SPEC	Specular Hemati
DIS	Disseminated

63

F G

DATE REVISED	BY	
		DEPT. — EXPLORATION
		DRAWN BY — Altair / m.k.
		CHECKED — N. J.
		APPROVED —
		DATE — SEPT / 1976
		SCALE — 1" = 100'

Bethlehem Copper CORPORATION LTD.
VANCOUVER B.C.

Commonwealth
Extension No. 1 Shaft

P-76-12

P-76-

64

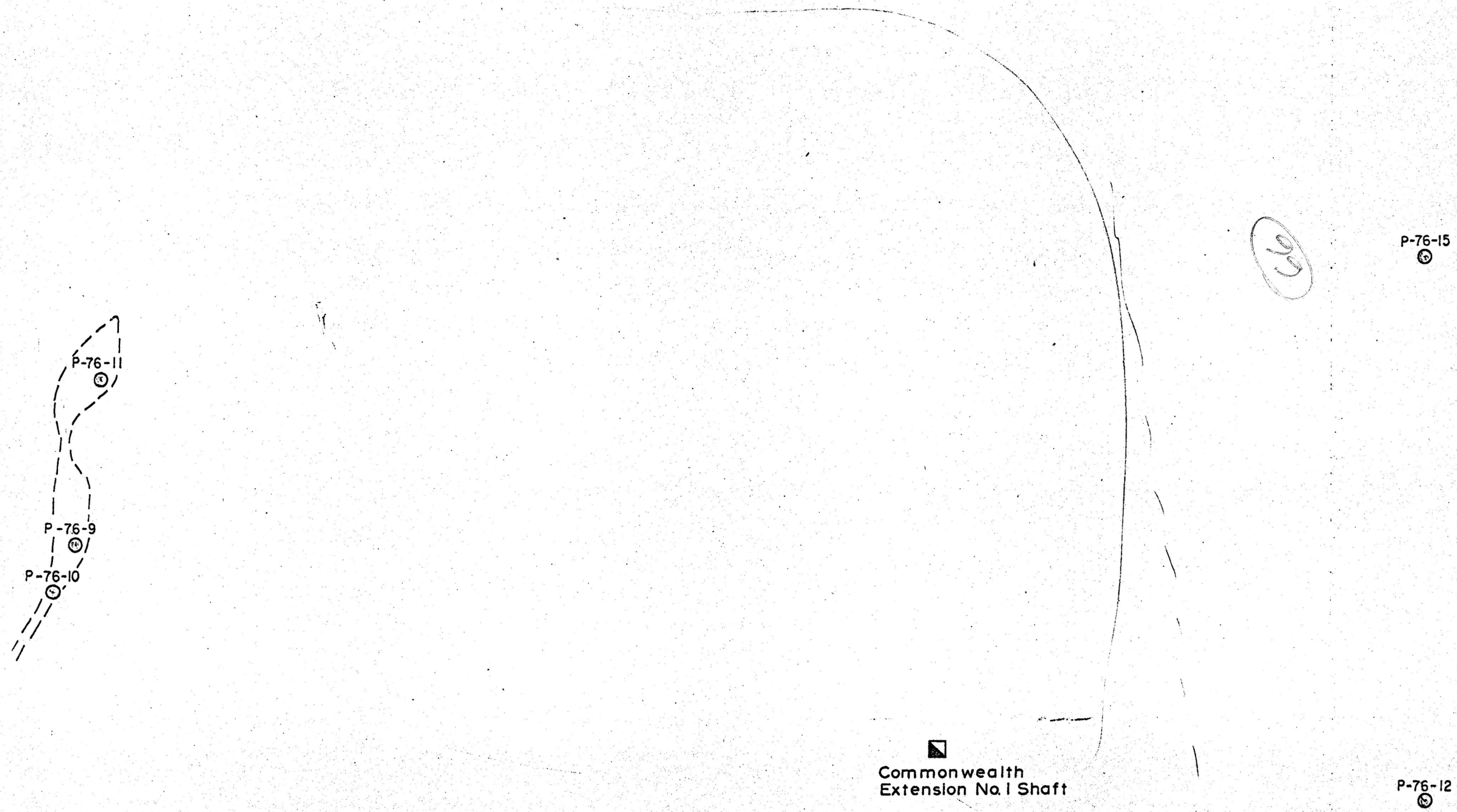
N-Shaft

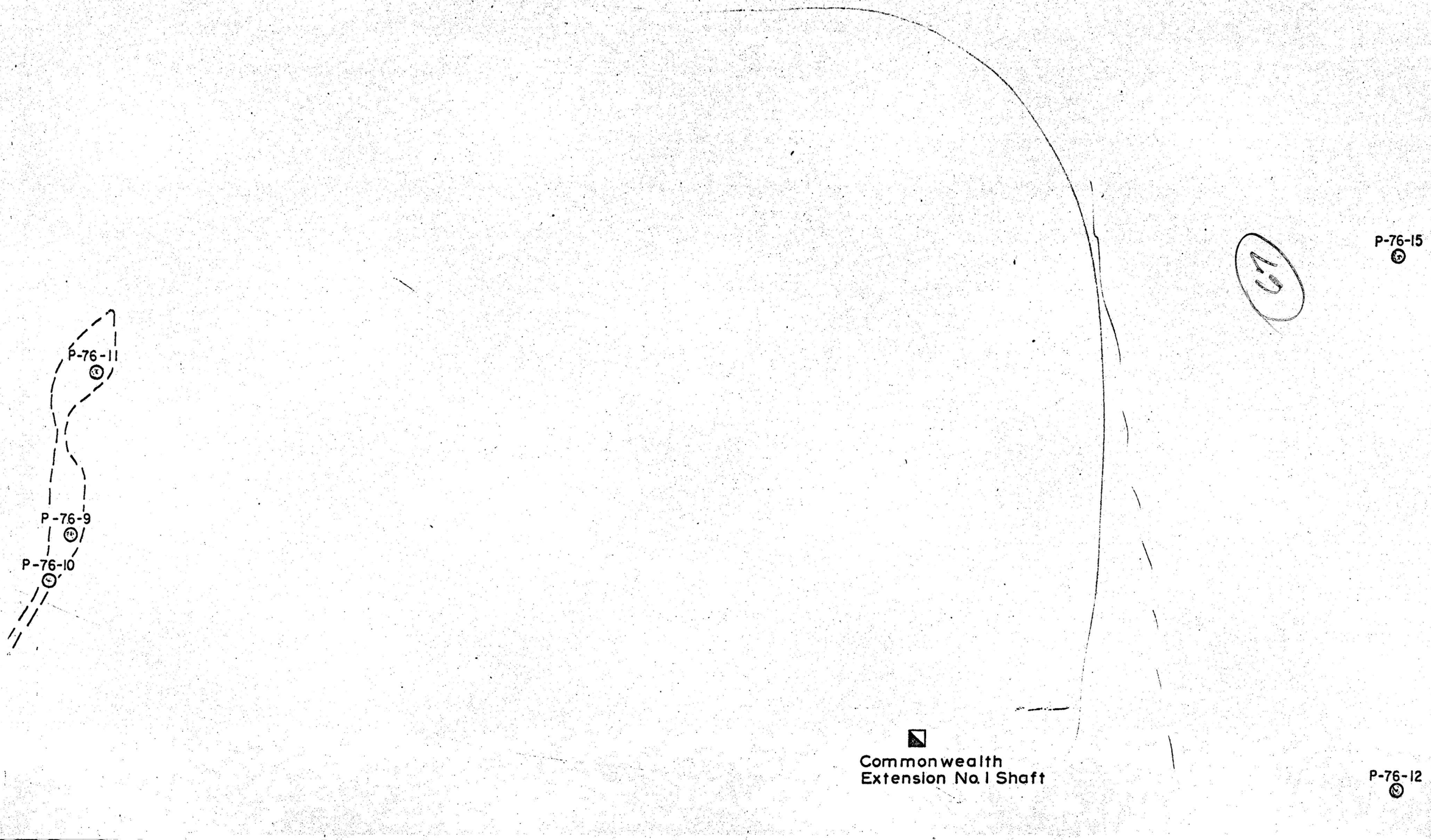
Commonwealth
Extension No. 1 Shaft

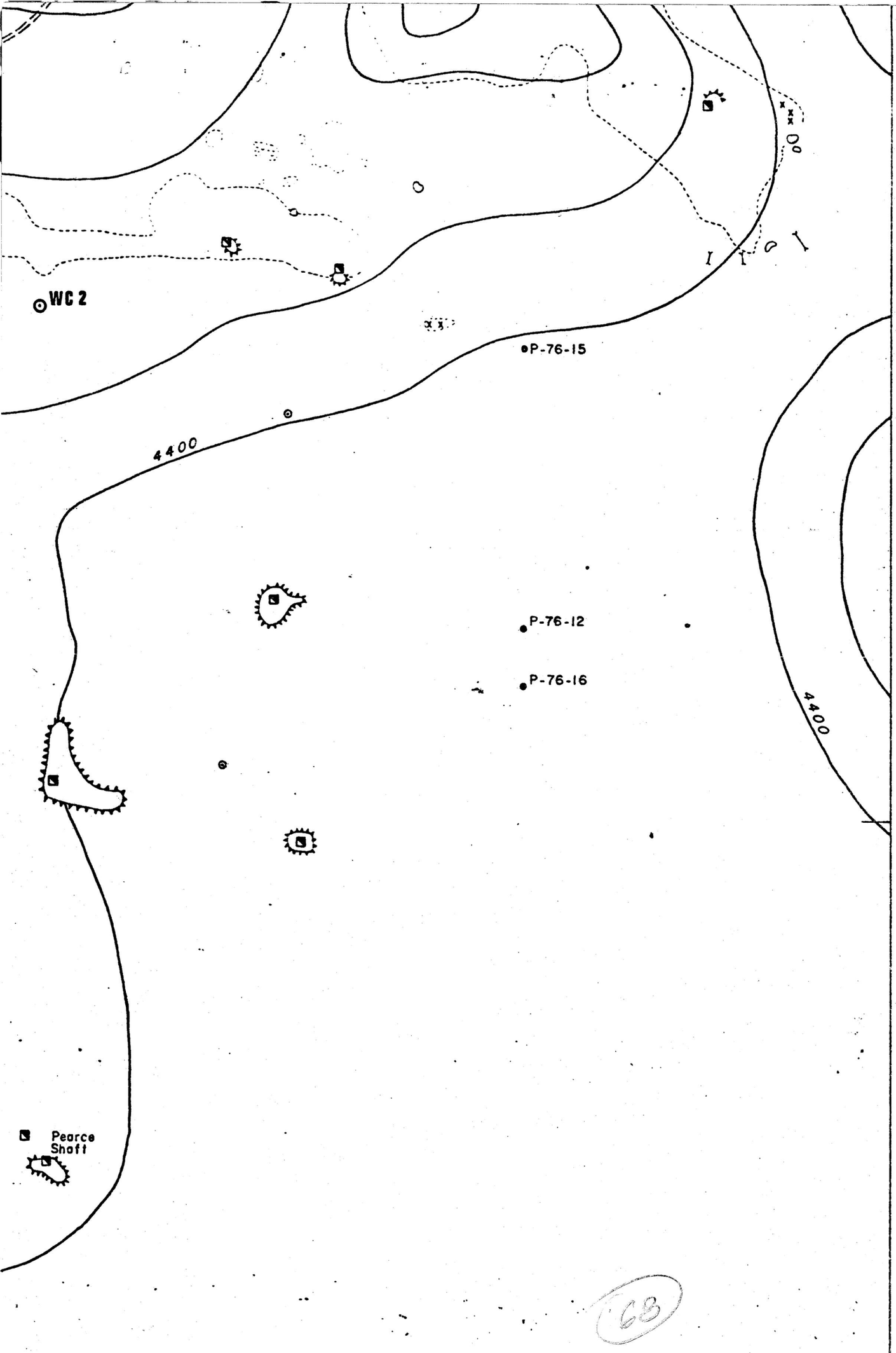
P-76-1

P-76-

N-Shaft


P-76-11
P-76-9
P-76-10
P-76-15
Commonwealth
Extension No. I Shaft
P-76-12

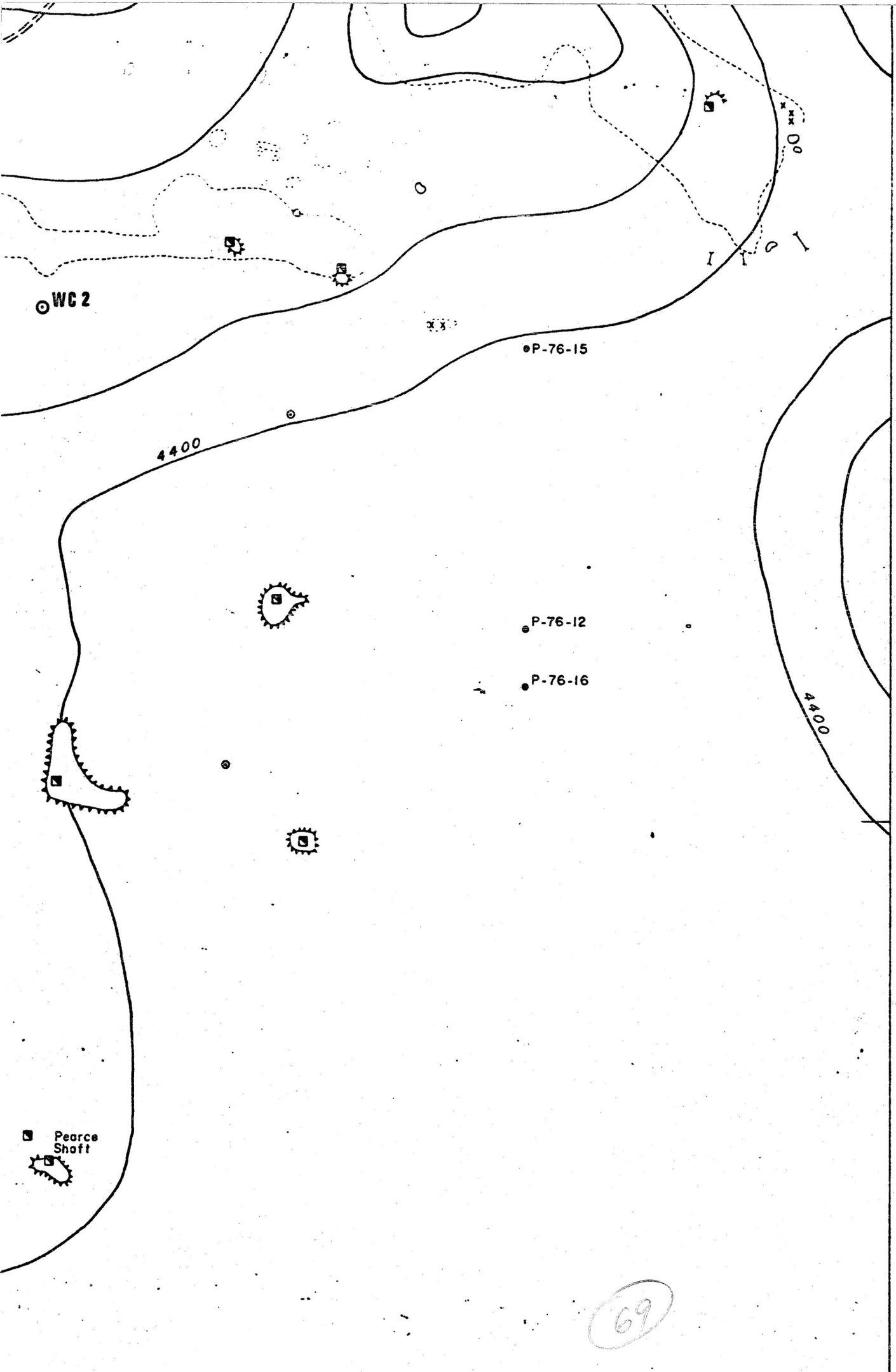

P-76-11
P-76-9
P-76-10
P-76-15
Commonwealth
Extension No. I Shaft
P-76-12



PLAN
SCALE 1" = 200'
ONTOUR INTERVAL 40'

WESTERN STATES MINERALS CORPORATION
COMMONWEALTH PROJECT
PEARCE, ARIZONA

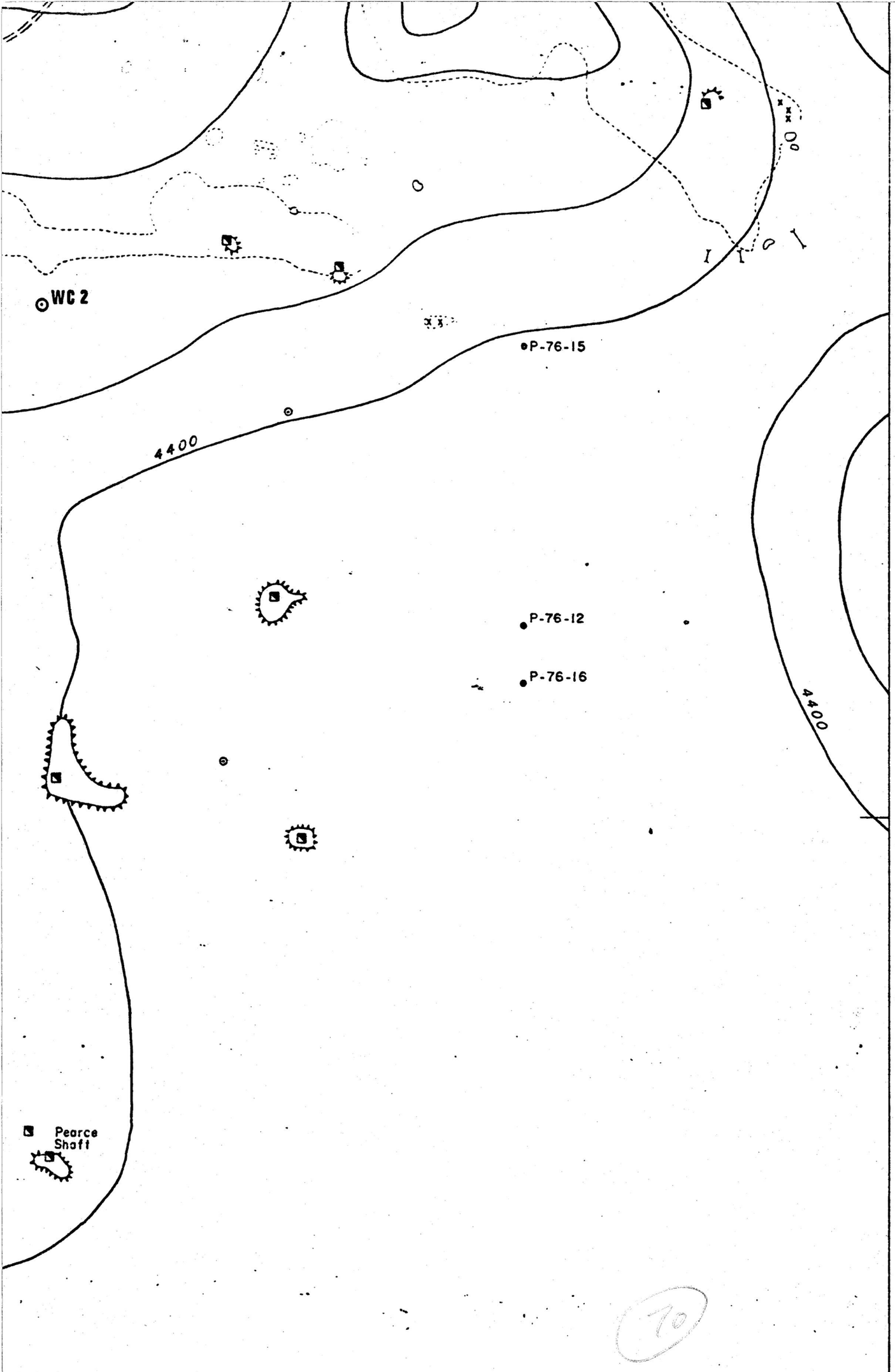
3-27-78 CWD



PLAN
SCALE 1" = 200'
CONTOUR INTERVAL 40'

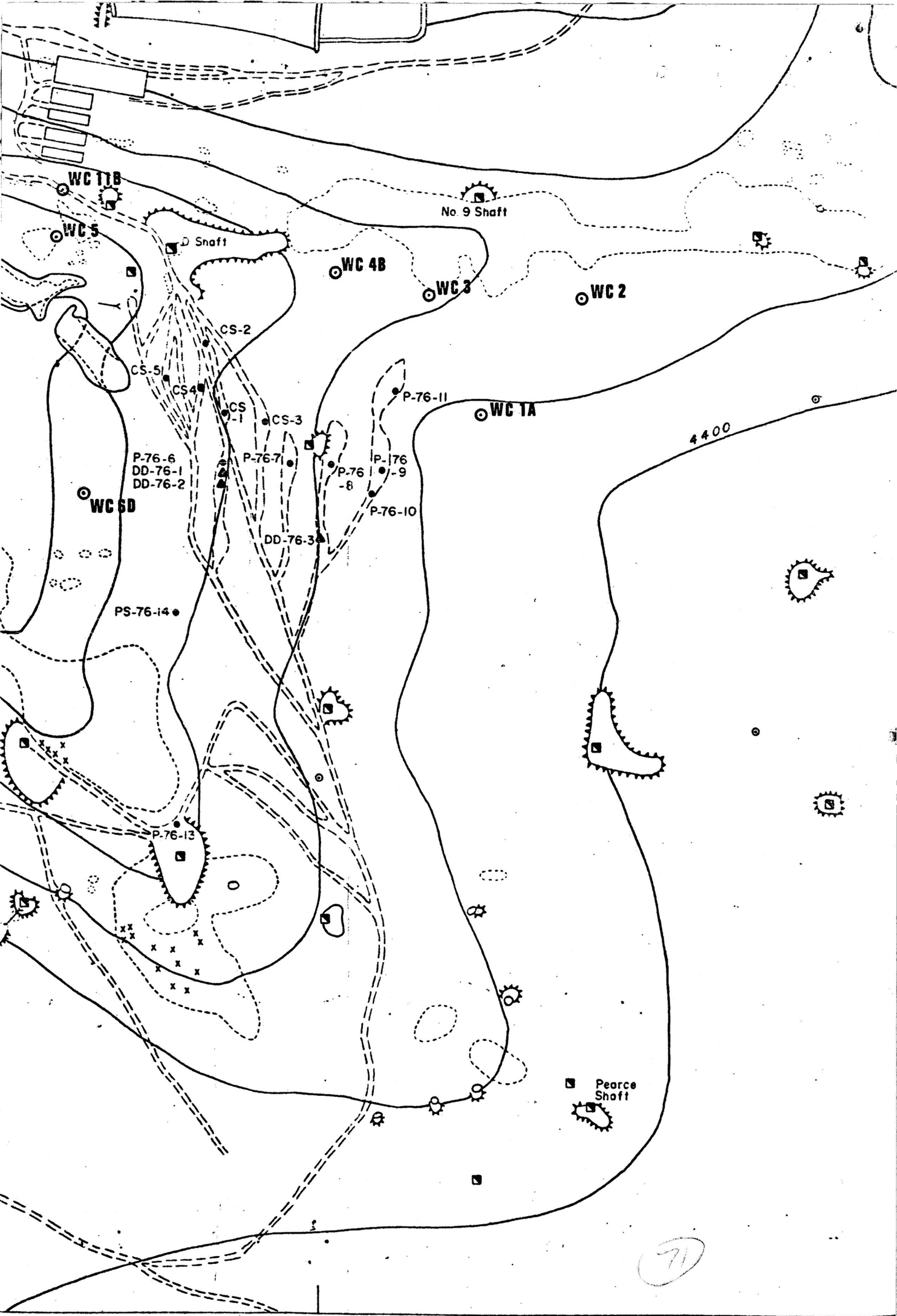
WESTERN STATES MINERALS CORPORATION
COMMONWEALTH PROJECT
PEARCE, ARIZONA

3-27-78 CWD



PLAN SCALE 1" = 200' ONTOUR INTERVAL 40'	WESTERN STATES MINERALS CORPORATION COMMONWEALTH PROJECT PEARCE, ARIZONA

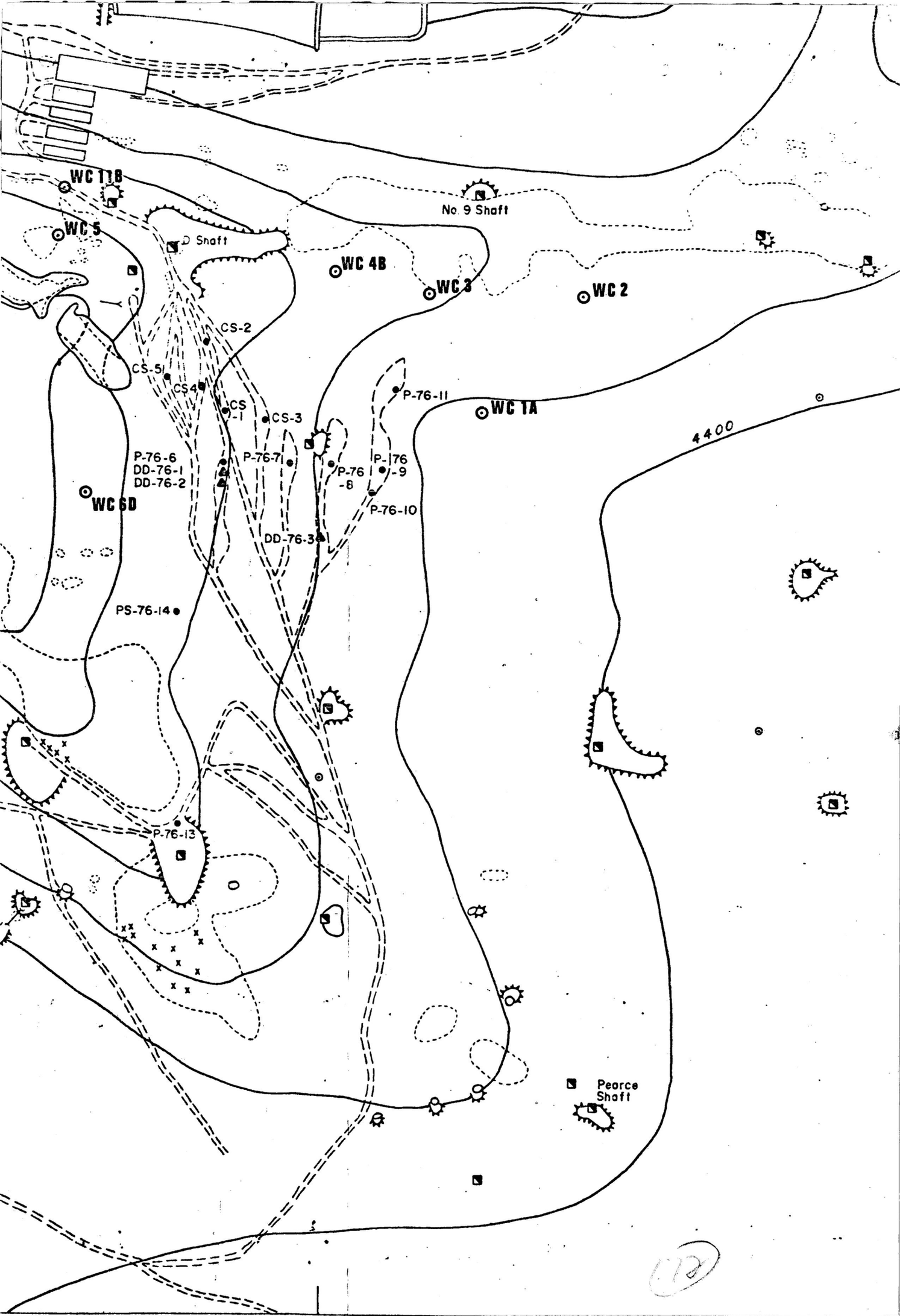
3-27-78 CWD



COMPLETED DRILL HOLES ○

PLAN
SCALE 1" = 200'
CONTOUR INTERVAL 40'

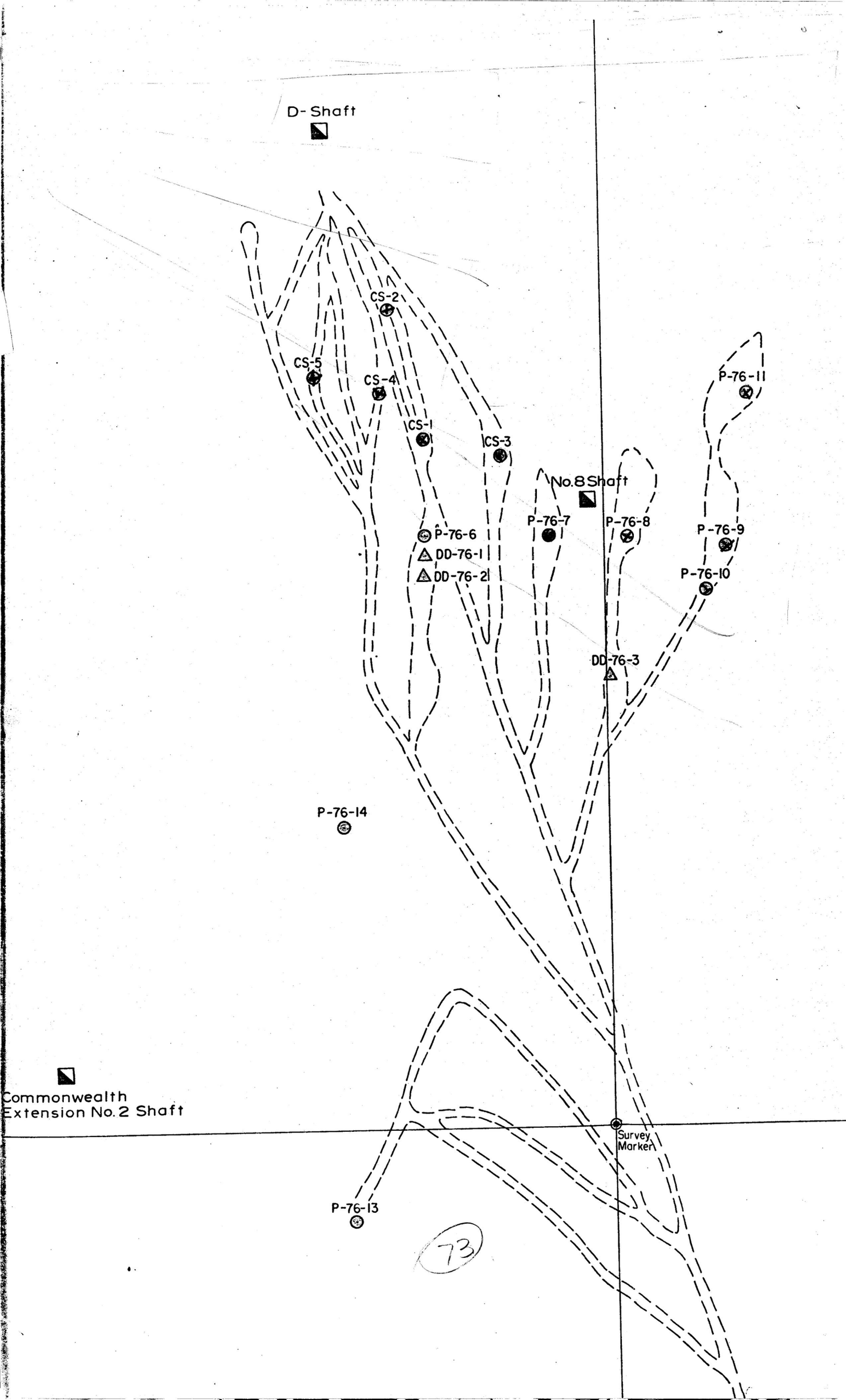
WESTE

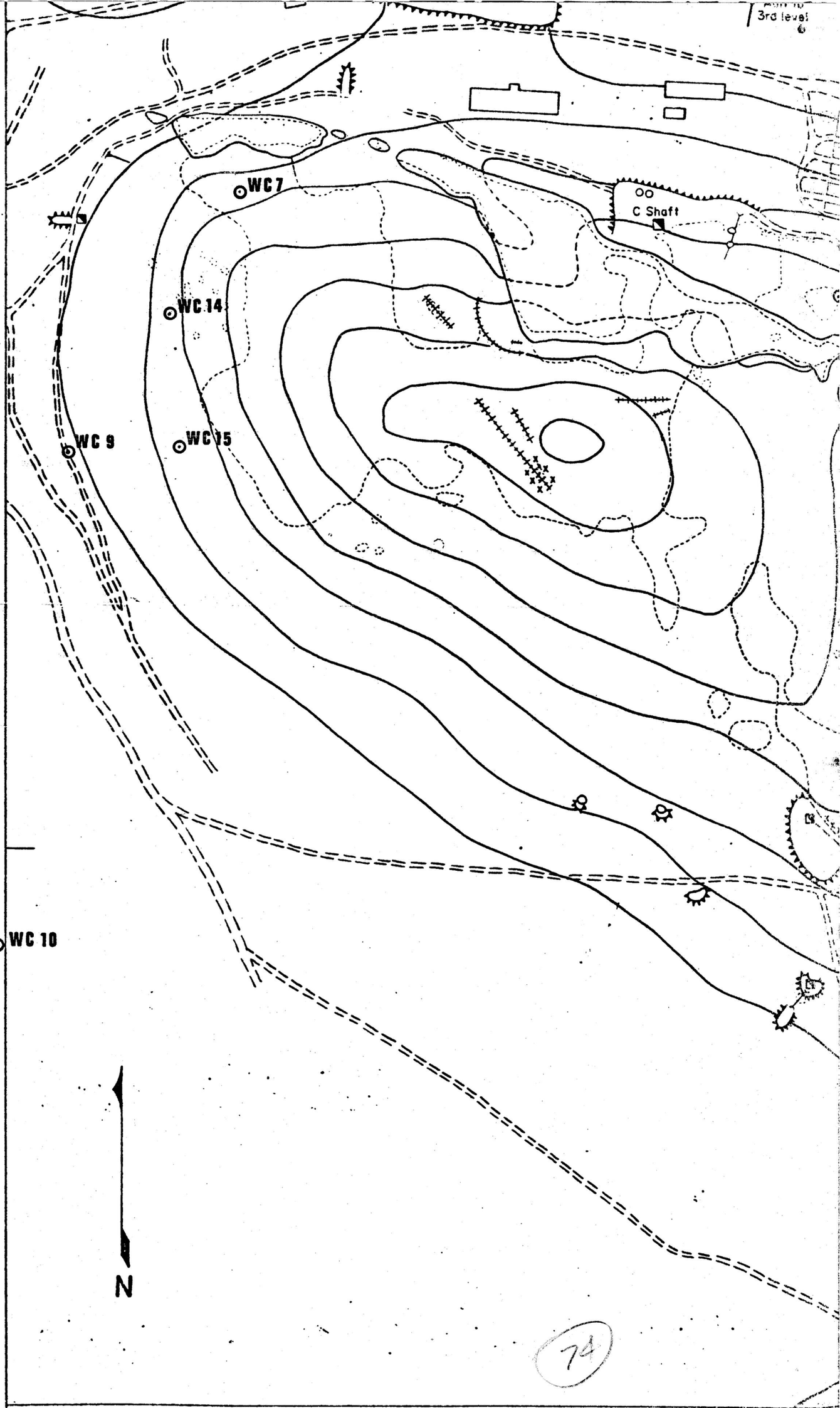


COMPLETED DRILL HOLES ○

PLAN
SCALE 1" = 200'
CONTOUR INTERVAL 40'

WESTE

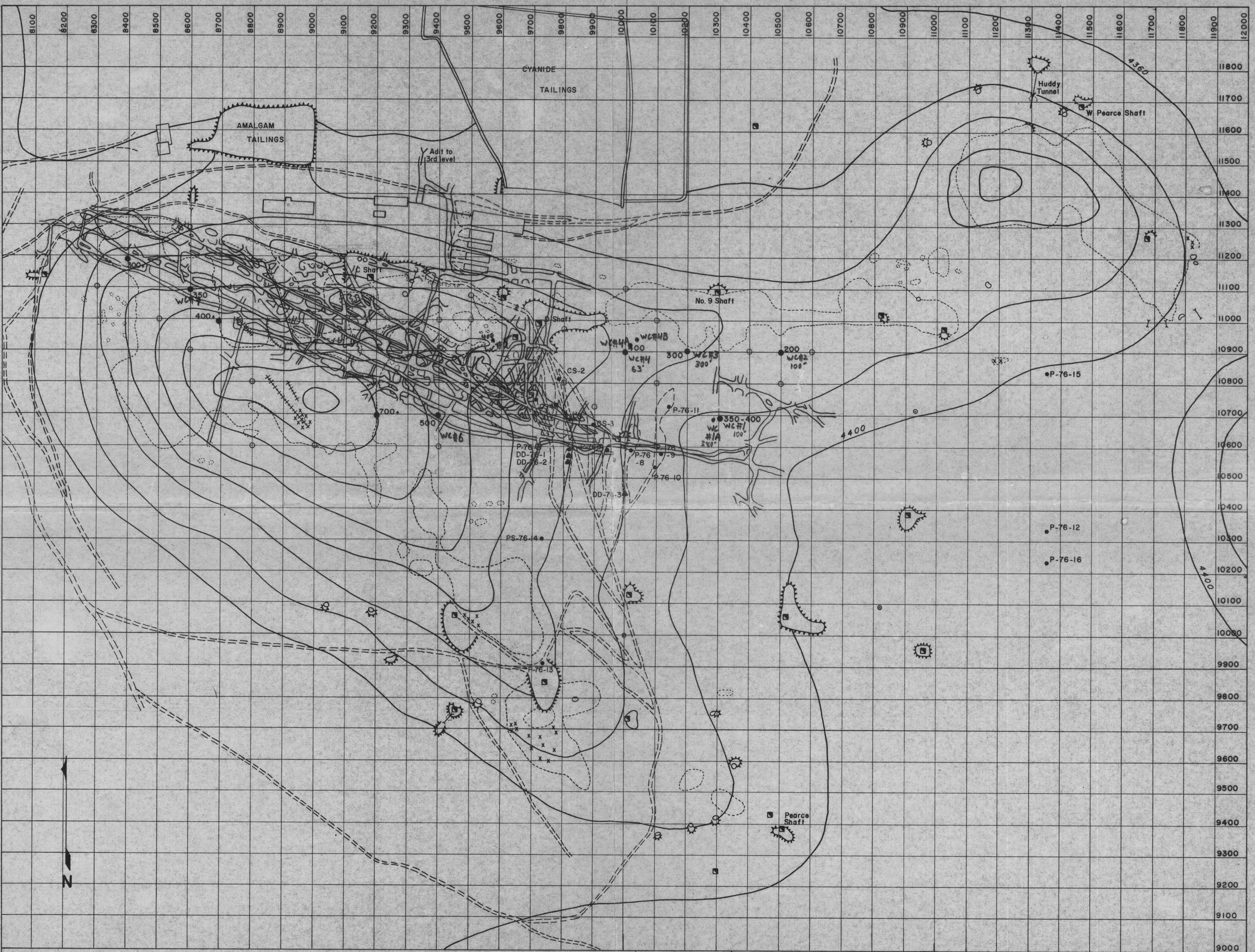

D-Shaft
CS-2
CS-5
CS-4
CS-1
CS-3
P-76-11
No.8 Shaft
P-76-7
P-76-8
P-76-9
P-76-6
DD-76-1
DD-76-2
P-76-10
DD-76-3
P-76-14
Commonwealth
Extension No. 2 Shaft
Survey
Marker
P-76-13
73



74

LEGEND

	Dump		Trench	•	Percussion Drill Hole
	Area of Subsidence		Subsidence Fracture	▲	Diamond Drill Hole
	Outcrop		Shaft		Contour Line
	Adit		Road	x	Prospects



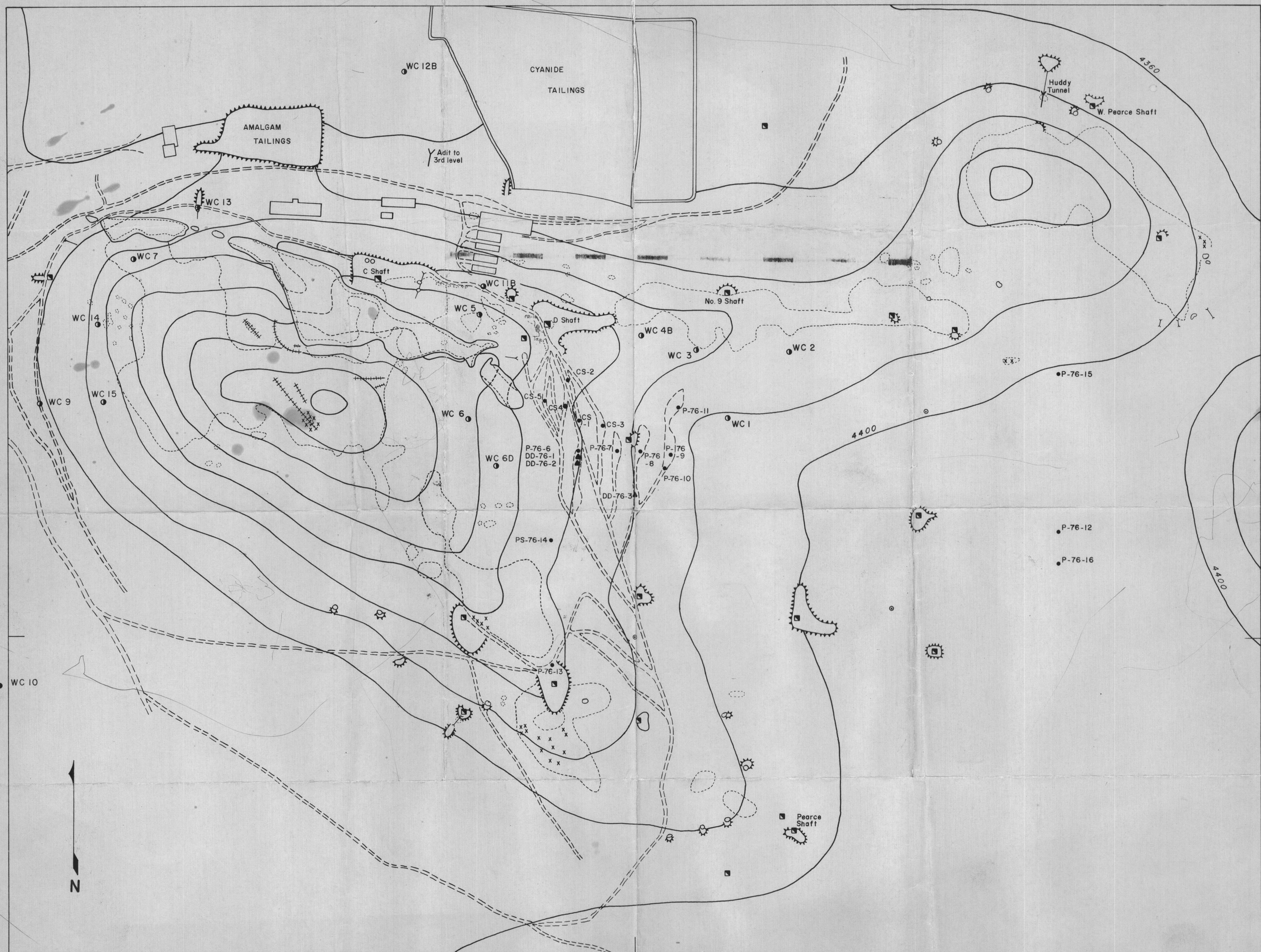
LEGEND

- Dump
- Area of Subsidence
- Outcrop
- Adit
- Trench
- Subsidence Fracture
- Shaft
- Road
- Percussion Drill Hole
- Diamond Drill Hole
- Contour Line
- Prospects

PLAN
SCALE 1" = 200'
CONTOUR INTERVAL 40'

WESTERN STATES MINERALS CORPORATION
COMMONWEALTH PROJECT
PEARCE, ARIZONA

3-27-78 CWD



LEGEND

Dump	Trench	Percussion Drill Hole
Area of Subsidence	Subsidence Fracture	Diamond Drill Hole
Outcrop	Shaft	Contour Line
Adit	Road	Prospects

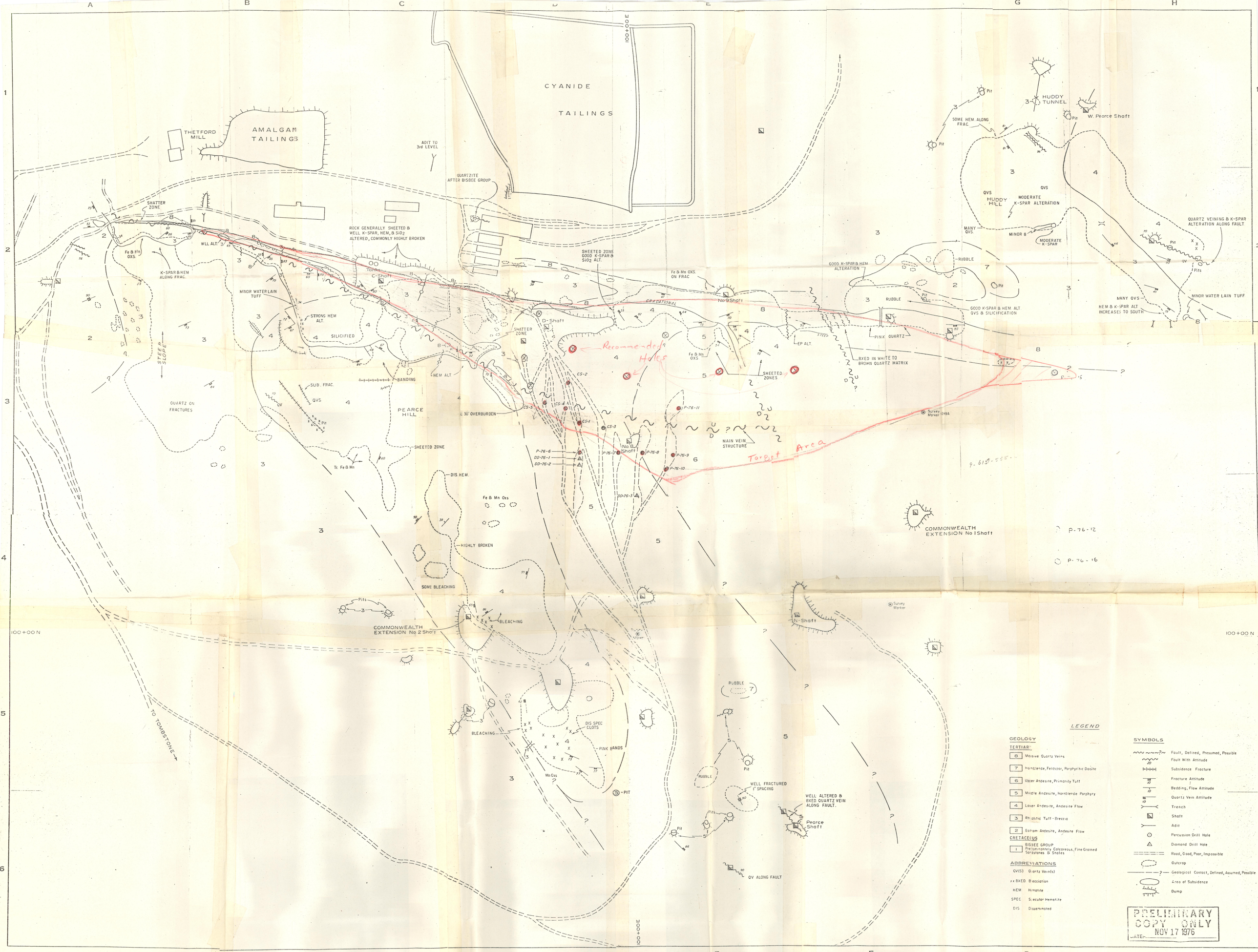
PLAN
SCALE 1" = 200'
CONTOUR INTERVAL 40'

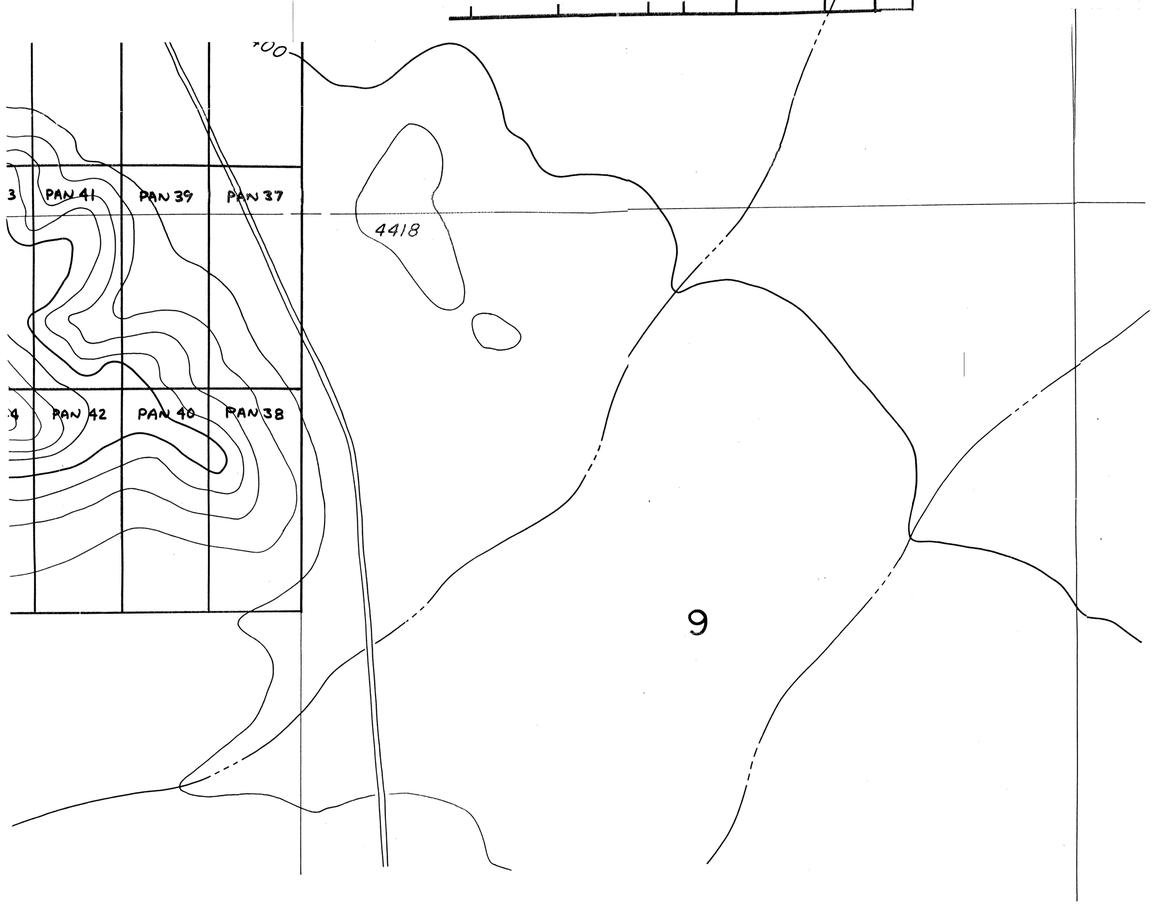
WESTERN STATES MINERALS CORPORATION
COMMONWEALTH PROJECT
PEARCE, ARIZONA

0103-32778 WSM-CWD

3-27-78 CWD

Scale
1" = 100'
Dave - you can
Keep this


CYANIDE TAILINGS
AMALGAM TAILINGS
THETFORD MILL
ADIT TO 3rd LEVEL
QUARTZITE AFTER BISBEE GROUP
SHATTER ZONE
WLL ALT.
Fe & Mn OXS.
K-SPAR & HEM ALONG FRAC.
ROCK GENERALLY SHEETED & WELL K-SPAR, HEM, & SiO2 ALTERED, COMMONLY HIGHLY BROKEN
Tanks
C-Shaft
MINOR WATER LAIN TUFF
STRONG HEM ALT.
SILICIFIED
STEEP SLOPE
QUARTZ ON FRACTURES
SUB. FRAC.
QVS
BANDING
HEM ALT
PEARCE HILL
SHEETED ZONE
Tr. Fe & Mn
DIS. HEM.
Fe & Mn Oxs
HIGHLY BROKEN
SOME BLEACHING
BLEACHING
COMMONWEALTH EXTENSION No 2 Shaft
TO TOMBSTONE
SHEETED ZONE GOOD K-SPAR & SiO2 ALT.
D-Shaft
SHATTER ZONE
GRADATIONAL
Recommended Holes
CS-1
CS-2
CS-3
CS-4
CS-5
≈ 30' OVERBURDEN
P-76-6
DD-76-1
DD-76-2
P-76-7
No 8 Shaft
P-76-8
P-76-9
P-76-10
P-76-11
DD-76-3
Fe & Mn OXS. ON FRAC
No 9 Shaft
Fe & Mn OXS
SHEETED ZONES
EP ALT.
STEEP
MAIN VEIN STRUCTURE
Target Area
GOOD K-SPAR & HEM ALTERATION
RUBBLE
PINK QUARTZ
BXED IN WHITE TO BROWN QUARTZ MATRIX
GOOD K-SPAR & HEM. ALT. QVS & SILICIFICATION
Survey Marker 1994
HUDDY TUNNEL
W. Pearce Shaft
SOME HEM. ALONG FRAC.
QVS
HUDDY HILL
MODERATE K-SPAR ALTERATION
MANY QVS.
MINOR B
MODERATE K-SPAR
QUARTZ VEINING & K-SPAR ALTERATION ALONG FAULT
Pits
MANY QVS
HEM & K-SPAR ALT. INCREASES TO SOUTH
MINOR WATER LAIN TUFF
COMMONWEALTH EXTENSION No 1 Shaft
P-76-12
P-76-16
A-Shaft
Survey Marker
DIS SPEC CLOTS
PINK BANDS
Mn Oxs
PIT
WELL FRACTURED 1" SPACING
WELL ALTERED & BXED QUARTZ VEIN ALONG FAULT.
Pearce Shaft
QV ALONG FAULT
100+00 N
100+00 E
LEGEND
GEOLOGY
TERTIARY
8 Massive Quartz Veins
7 Hornblende, Feldspar, Porphyritic Dacite
6 Upper Andesite, Primarily Tuff
5 Middle Andesite, Hornblende Porphyry
4 Lower Andesite, Andesite Flow
3 Rhyolitic Tuff - Breccia
2 Bottom Andesite, Andesite Flow
CRETACEOUS
1 BISBEE GROUP Predominantely Calcareous, Fine Grained Sandstones & Shales
ABBREVIATIONS
QV(S) Quartz Vein(s)
xx BXED Brecciation
HEM Hematite
SPEC Specular Hematite
DIS Disseminated
SYMBOLS
Fault, Defined, Presumed, Possible
Fault With Attitude
Subsidence Fracture
Fracture Attitude
Bedding, Flow Attitude
Quartz Vein Attitude
Trench
Shaft
Adit
Percussion Drill Hole
Diamond Drill Hole
Road, Good, Poor, Impassible
Outcrop
Geological Contact, Defined, Assumed, Possible
Area of Subsidence
Dump
PRELIMINARY COPY ONLY
NOV 17 1976
DATE:
SCALE IN FEET
DATE REVISED BY
DEPT. — EXPLORATION
DRAWN BY — Altair/mk
CHECKED — N.J.
APPROVED —
DATE — SEPT / 1976
SCALE — 1" = 100'
Bethlehem Copper
VANCOUVER BRITISH COLUMBIA
TITLE — COMMONWEALTH PROJECT GEOLOGICAL PLAN
FILE NUMBER —
DRAWING NUMBER — CP-76-5



PLATORO MINES INC.

CLAIM LOCATION MAP

LOCATION: PEARCE, , ARIZONA

BY WESTERN STATES MINERALS CORPORATION

DRAFTSMAN: CWD

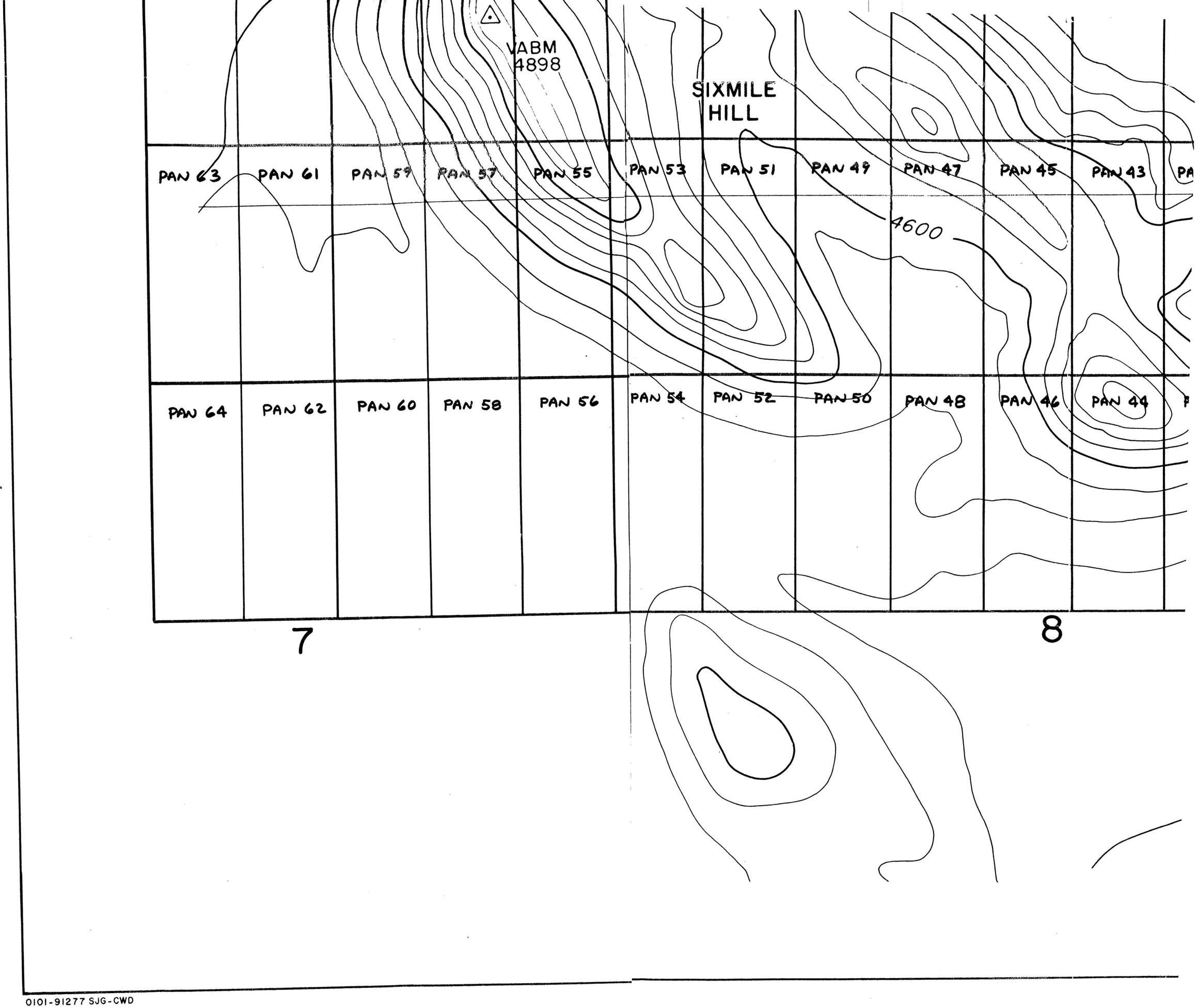
BASE MAP - USGS 15' QUAD
PEARCE, ARIZ.
1958

CONTOUR INTERVAL 40'
SCALE 1" = 500'

A MC 3868047

RECEIVED
B.L.M. AZ STATE OFFICE
APR 2 1979
10:00 A.M.
PHOENIX, ARIZONA

3/23/79



0101-91277 SJG-CWD