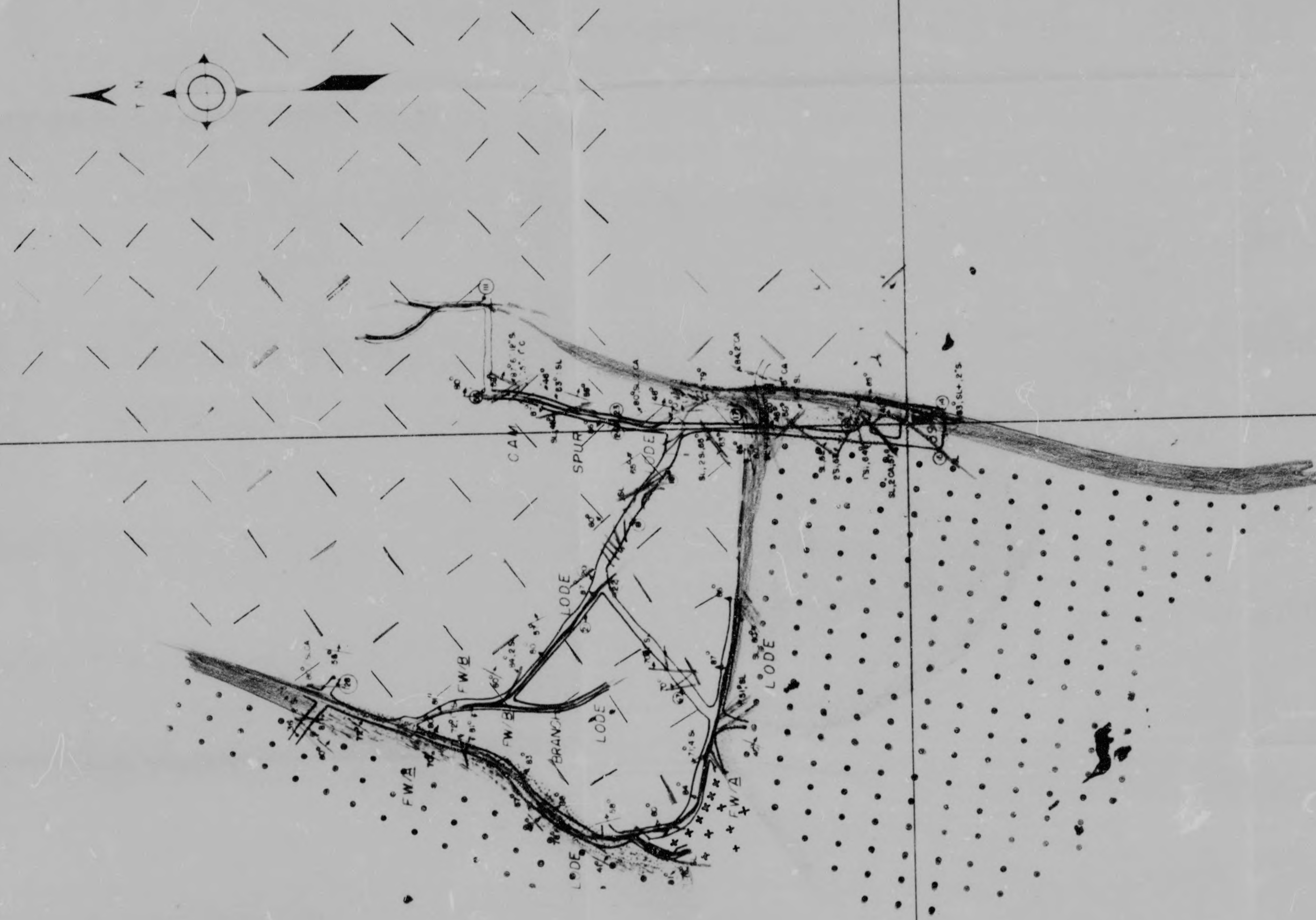


CAM AND MOTOR MINE

FLOW PLAN

D18/24





THE CAM AND MOTOR GOLD MINE

—GEOLOGICAL PLAN—

LEVEL NUMBER 38

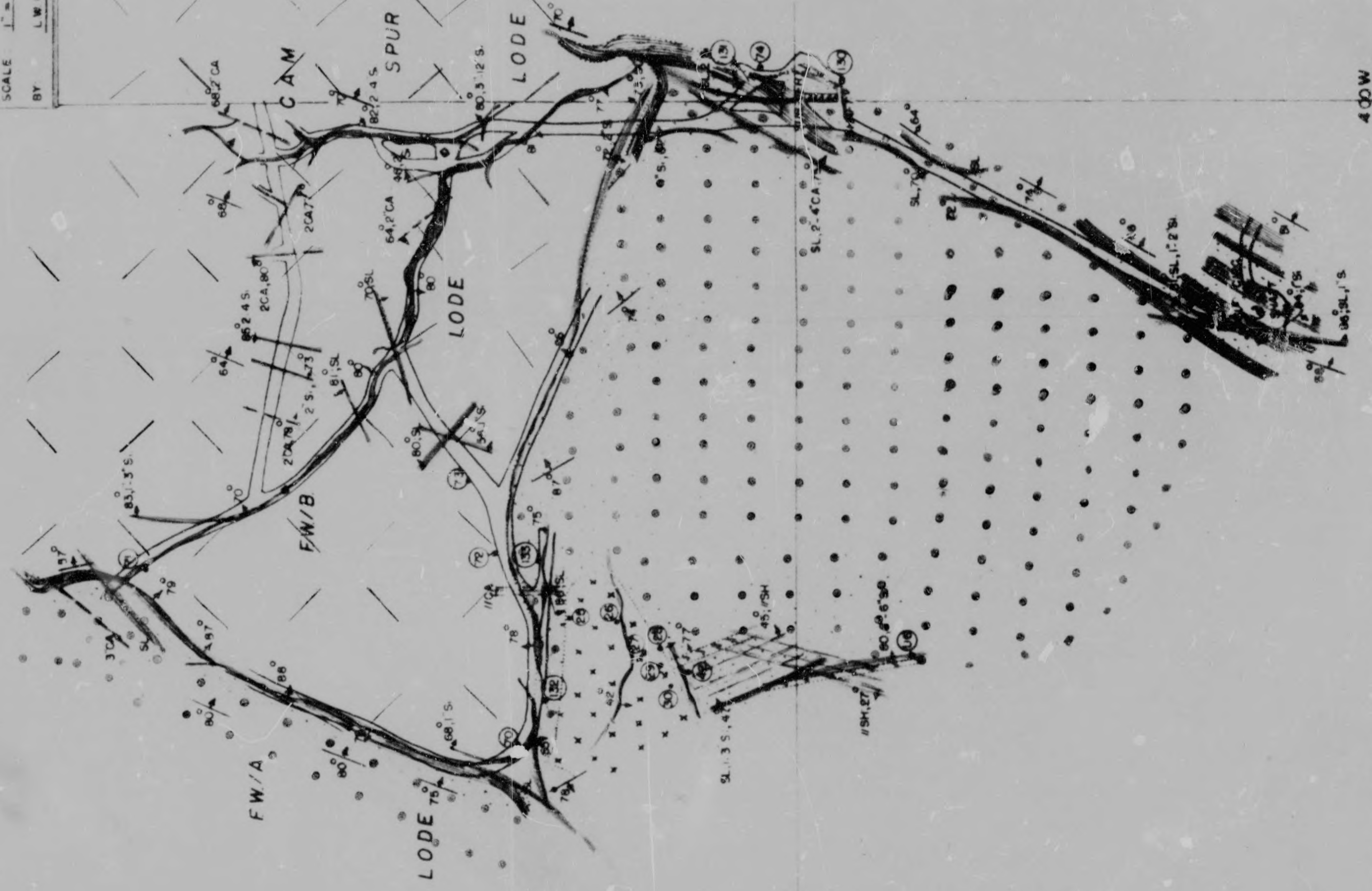
ELEVATION 5160' DATUM: SURFACE

LEGEND

GREENSTONE (YELLOW LAVA & CHLORITIC)	SL	QUARTZ VEINLET
DOLERITIC	CA	GALGITE VEINLET
-GREENSTONE	SL	SLIP OR MINOR FAULT
INTRUSIVE	SH	SHEAR OR JOINT PLANE
GRANULAR SEDIMENT: (GREYWACK, AMPHIBOLITE, QUARTZITE)	SS	SLIP SHALE
SHALE	73	STIBNITE
CHERT	59	DIP OF FEATURE
	13	STRIKE & DIP OF STRATA OR FOLIAE
	17	ROCK SPECIMEN
	09	MINERAL SPECIMEN
		SPECIAL SPECIMEN
		CONTACT

SCALE 1" = 100'

BY L.W. HARTMAN



1000 S

1000 S

400 W



THE CAM AND MOTOR GOLD MINE

- GEOLOGICAL PLAN -

LEVEL 36

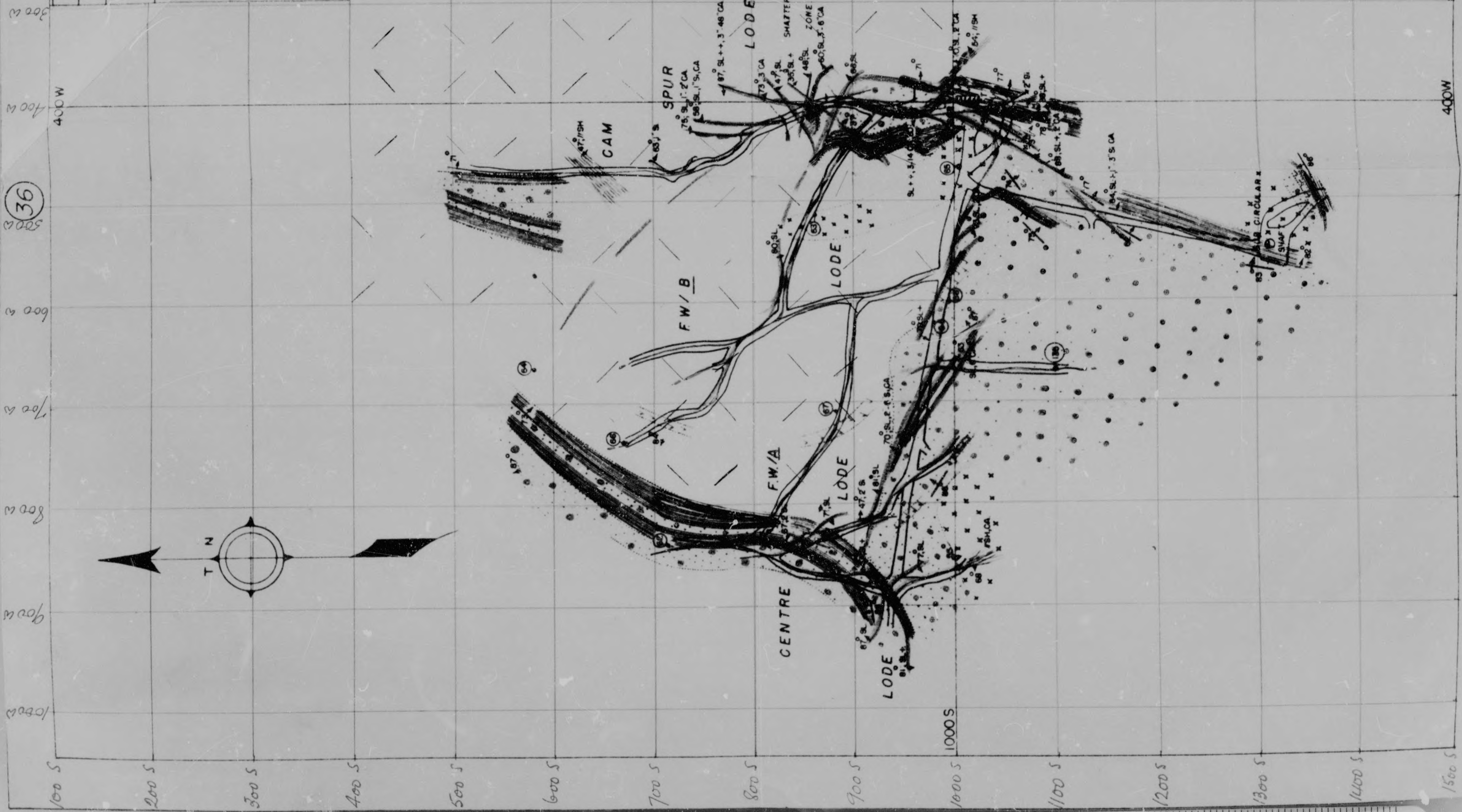
ELEVATION -4760' DATUM SURFACE

LEGEND

GREENSTONE (PLAGIOCLASE LAVA & CHLORITE)	QUARTZ VEINLET
DOLERITIC -	CALCITE VEINLET
INTRUSIVE	SILICIFIED MINOR FAULT
GRANULAR SEDIMENT (GREEN MICA, AMPHIBOLITE, QUARTZITE)	SILICIFIED JOINT PLANE
SHALE	SLIP SHALE
CHERT	STIBNITE
	DIP OF FEAT. LINE
	STRIKE & DIP OF
	STRATA OR FOLIAE
	ROCK SPECIMEN
	MINERAL SPECIMEN
	SPECIAL SPECIMEN
	CONTACT

SCALE 1" = 100'

BY: L.W. HARTMAN



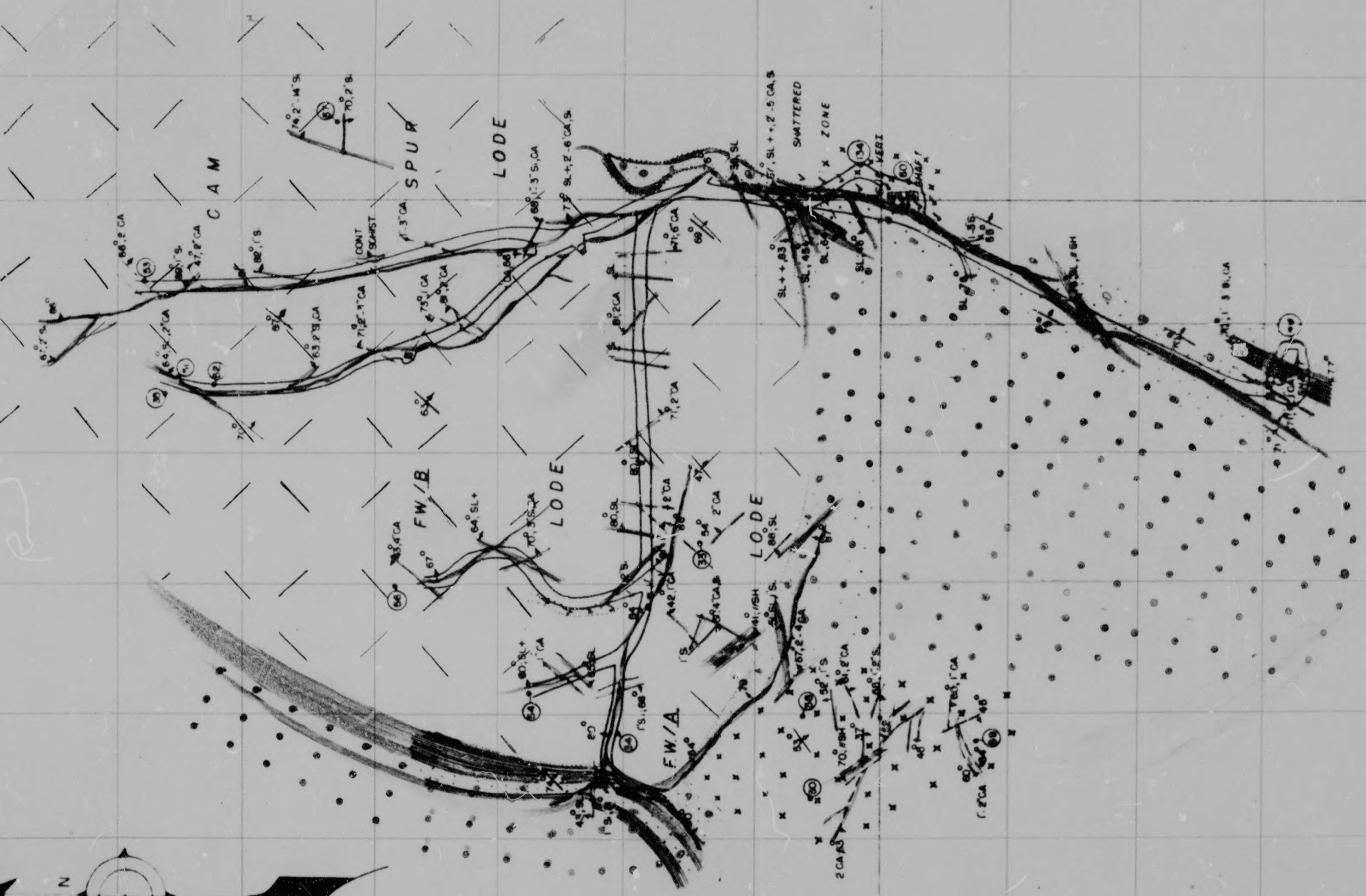
1000 S
900 S
800 S
700 S
600 S
500 S
400 S
300 S

400 W
300 W
200 W
100 W

THE CAM AND MOTOR GOLD MINE
— GEOLOGICAL PLAN —
LEVEL NUMBER 37
ELEVATION -4960' DATUM: SURFACE

LEGEND

- | | |
|--|----------------------------------|
| GREENSTONE
(HORN BLAND & CHLORITIC) | QUARTZ VEINLET |
| DOLERITIC | CALCITE VEINLET |
| INTRUSIVE | SILICIFIED FAULT |
| GRANULAR SEDIMENT:
(SANDY MUDSTONE, ARGILLITE, QUARTZITE) | SILICIFIED JOINT PLANE |
| SHALE | SLIP SHALE |
| CHERT | STIBNITE |
| | DIP OF FEATURE |
| | STRIKE & DIP OF STRATA OR FOLIAE |
| | ROCK SPECIMEN |
| | MINERAL SPECIMEN |
| | SPECIAL SPECIMEN |
| | CONTACT |
- SCALE 1" = 100'
- BY L.W. HARTMAN

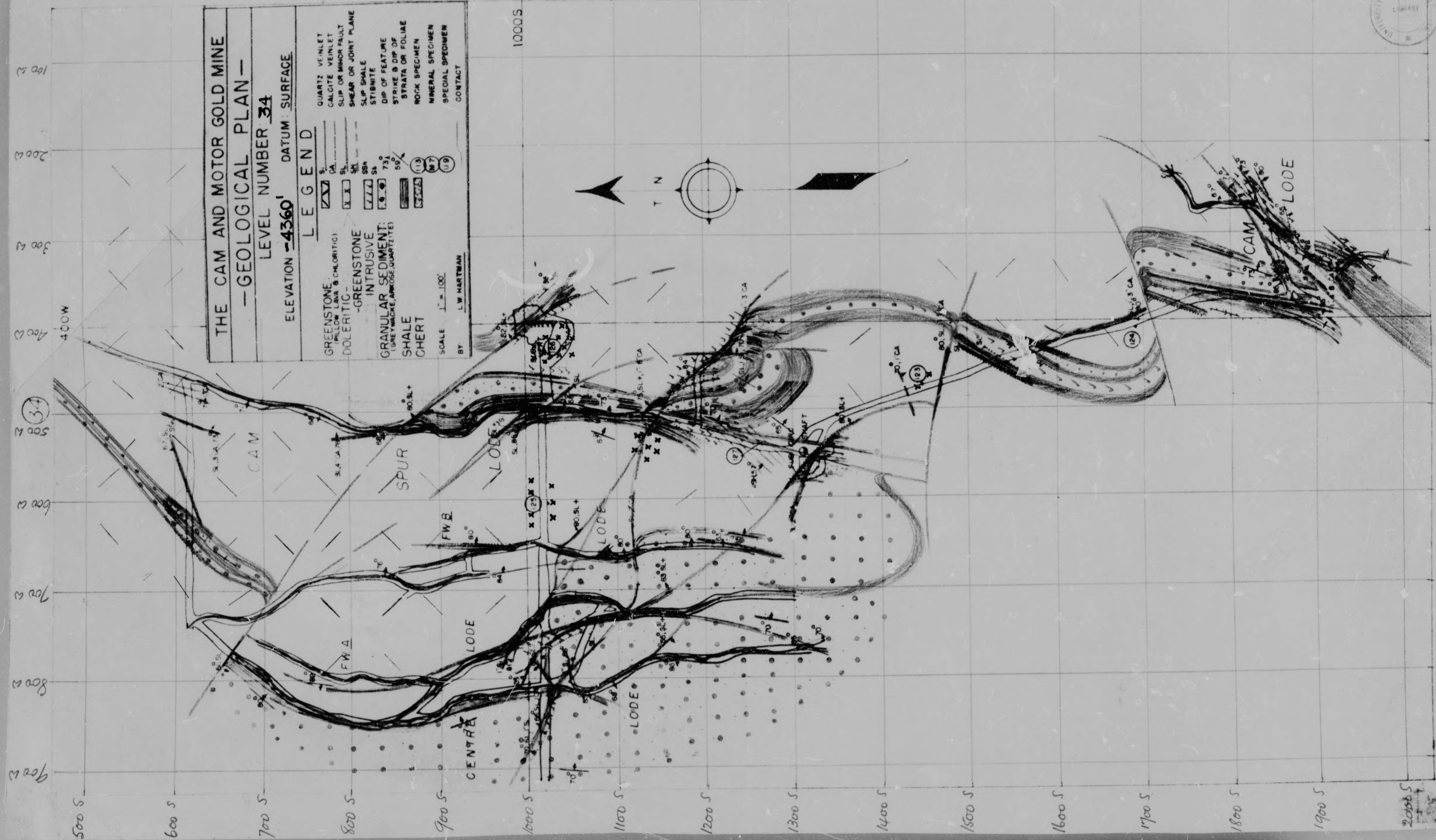


THE CAM AND MOTOR GOLD MINE
 —GEOLOGICAL PLAN—
 LEVEL NUMBER **34**
 ELEVATION **-4360'** DATUM: SURFACE

LEGEND

GREENSTONE: YELLOW LAVA & CHLORITIC	QUARTZ VEINLET
DOLERITIC	CALCITE VEINLET
-GREENSTONE INTRUSIVE	SLIP OR MINOR FAULT
GRANULAR SEDIMENT: (GNEISS, AMPHIBOLITE, QUARTZITE)	SHEAR OR JOINT PLANE
SHALE	SLIP SHALE
CHERT	STIBNITE
	DIP OF FEATURE
	STRIKE & DIP OF STRATA OR FOLIAE
	ROCK SPECIMEN
	MINERAL SPECIMEN
	SPECIAL SPECIMEN
	CONTACT

SCALE 1" = 100'
 BY: L.W. HARTMAN



32

THE CAM AND MOTOR GO' D MINE

- GEOLOGICAL MAP -

LEVEL NUMBER 32

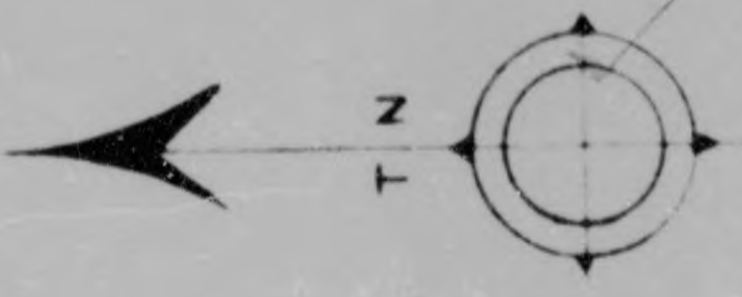
ELEVATION -3960 DATUM: SURFACE

LEGEND

GREENSTONE (PILLOW LAVA & CHALOTIC)	CA	QUARTZ VEINLET
DOLERITIC	SL	CALCITE VEINLET
INTRUSIVE	SH	SLIP OR MINOR FAULT
SEDIMENT: (GREYWACK, ARGILL, QUARTZITE)	SSh	SHEAR OR JOINT PLANE
SHALE	73	SLIP SHALE
CHERT	59	STIBNITE
	113	DIP OF FEATURE
	87	STRIKE & DIP OF
	99	STRATA OR FOLIAE
		ROCK SPECIMEN
		MINERAL SPECIMEN
		SPECIAL SPECIMEN
		CONTACT

SCALE 1" = 100'

BY L.W. HARTMAN



30

400 W

THE CAM AND MOTOR GOLD MINE

-GEOLOGICAL PLAN-

LEVEL NUMBER 30

ELEVATION -3560' DATUM SURFACE

LEGEND

GREENSTONE (PILLOW LAVA & CHLORITIC)		QUARTZ VEINLET
DOLERITIC		CALCITE VEINLET
-GREENSTONE INTRUSIVE		SLIP OR MINOR FAULT
GRANULAR SEDIMENT: (GREYWACK, ARKOSE, QUARTZITE)		SHEAR OR JOINT PLANE
SHALE		SLIP SHALE
CHERT		STIBNITE
SCALE 1" = 100'		DIP OF FEATURE
BY L.W. HARTMAN		STRIKE & DIP OF STRATA OR FOLIATION
		ROCK SPECIMEN
		MINERAL SPECIMEN
		SPECIAL SPECIMEN
		CONTACT

1000S

1000S

CENTRE

FW/B

LODE

FW/A

LODE

CAM

SPUR

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

1585' SOUTH

FW/I

LODE

LODE

CAM

LODE

(25)

400W

THE CAM AND MOTOR GOLD MINE

- GEOLOGICAL PLAN -

LEVEL NUMBER 25

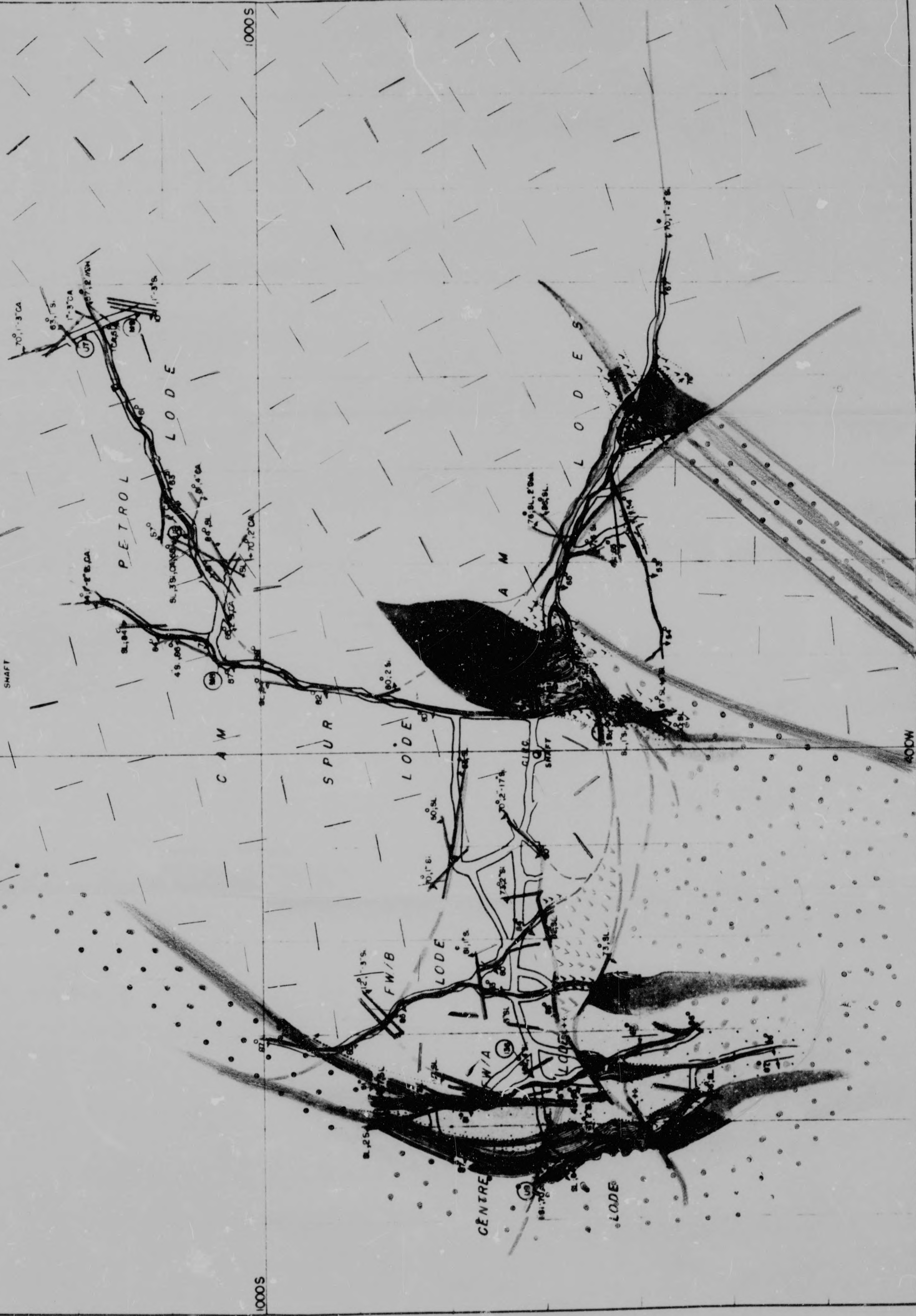
ELEVATION -3007' DATUM SURFACE

LEGEND

- | | | |
|--------------------------------------|------|----------------------|
| GREENSTONE (PILLOW LAVA & CHLORITIC) | SL | QUARTZ VEINLET |
| DOLERITIC | CA | CALCITE VEINLET |
| -GREENSTONE | SL | SLIP OR MINOR FAULT |
| INTRUSIVE | SS | SHEAR OR JOINT PLANE |
| GRANULAR SE (GREYWACKE, ARGILLITE) | SA | SLIP SHALE |
| SHALE | 73 | STIBNITE |
| CHERT | 59 | DIP OF FEAT. LINE |
| | (11) | STRATA OR FOLIAE |
| | (17) | ROCK SPECIMEN |
| | (19) | MINERAL SPECIMEN |
| | | SPECIAL SPECIMEN |
| | | CONTACT |
- SCALE 1" = 100'
- BY: L. W. HARTMAN

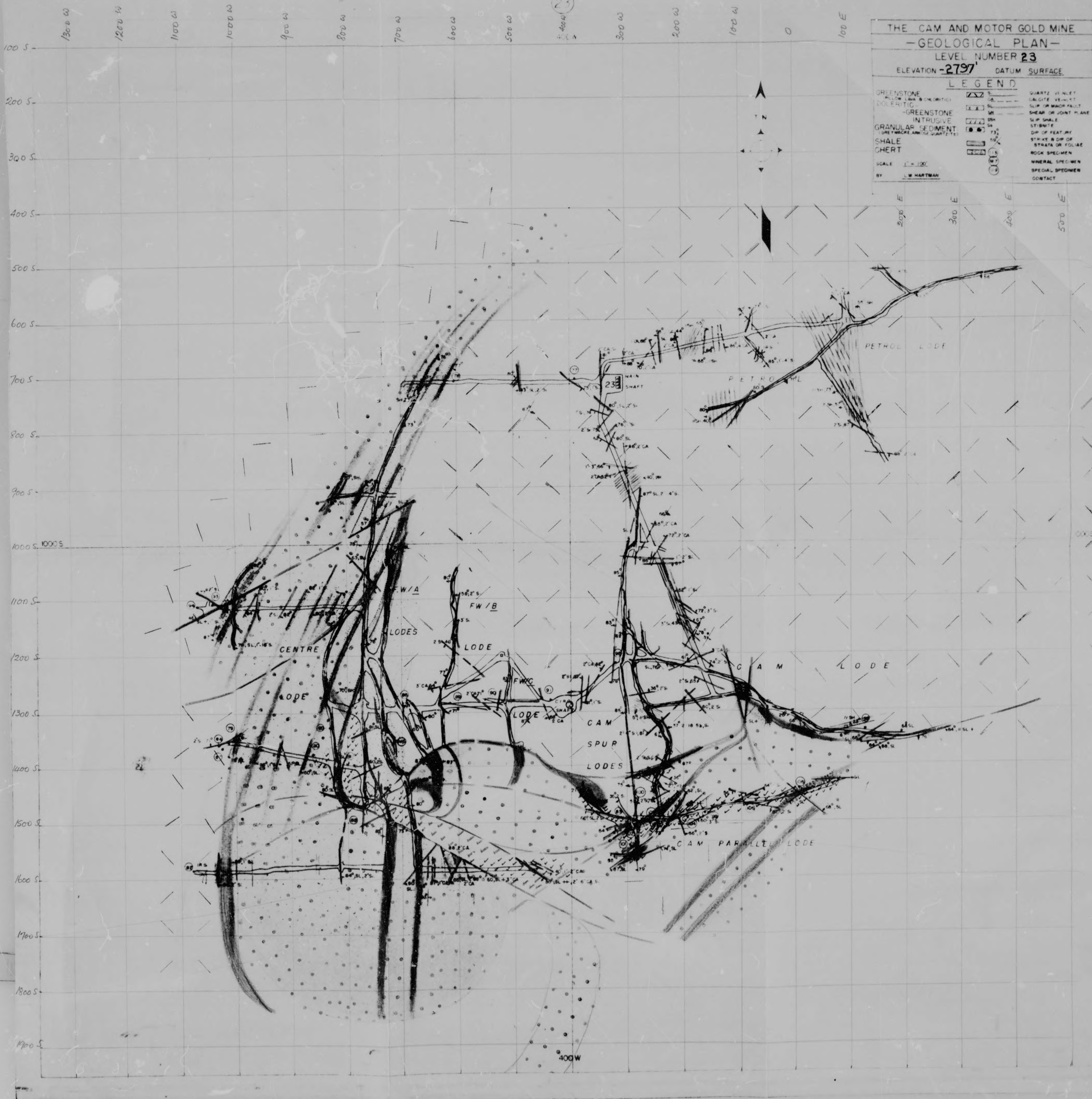


MAIN SHAFT



RECORDAK





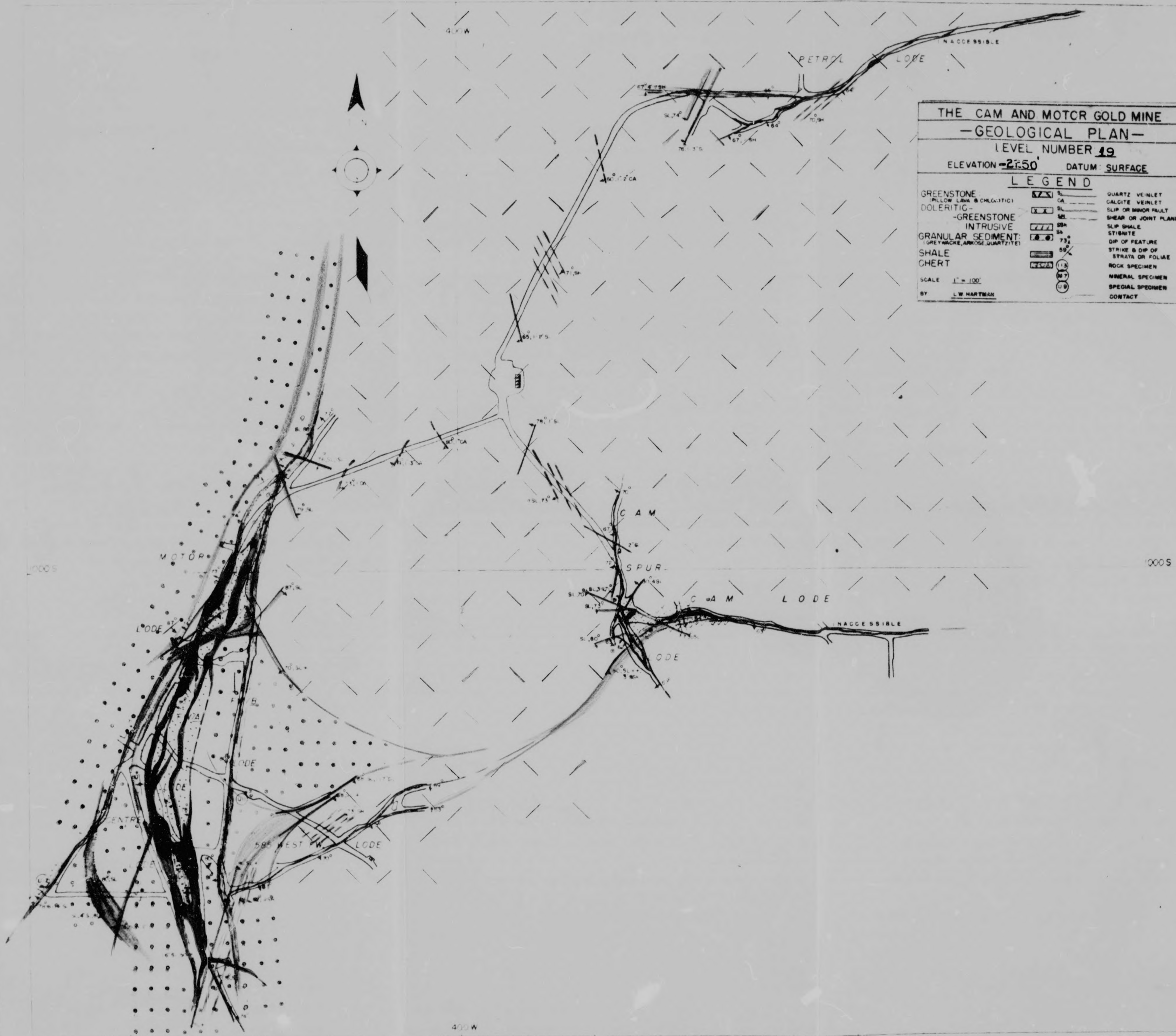
THE CAM AND MOTOR GOLD MINE
- GEOLOGICAL PLAN -
LEVEL NUMBER 23
ELEVATION -2797' DATUM SURFACE

LEGEND

GREENSTONE PILLOW LAVA & CHERT DOLENTIC	QUARTZ VEINLET CALCITE VEINLET SLIP OR BREAK FAULT SHEAR OR JOINT PLANE
- GREENSTONE INTRUSIVE	SLIP SHALE STIBNITE
GRANULAR SEDIMENT (GREYWACKES AND QUARTZITES)	DIP OF FEATURE STRIKE & DIP OF STRATA OR FOLIAE
SHALE CHERT	ROCK SPECIMEN MINERAL SPECIMEN SPECIAL SPECIMEN CONTACT

SCALE 1" = 100'
BY L. W. HARTMAN



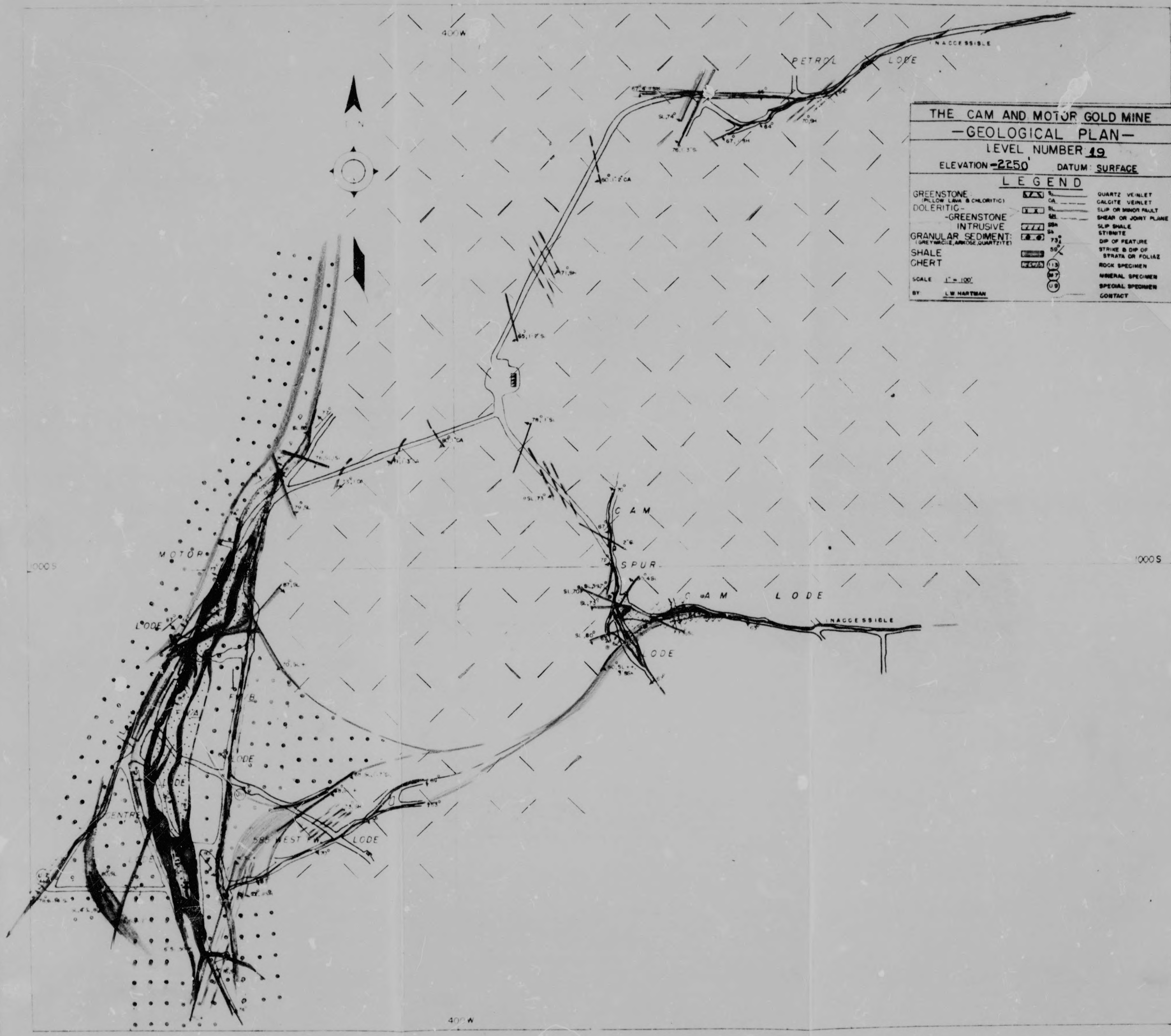


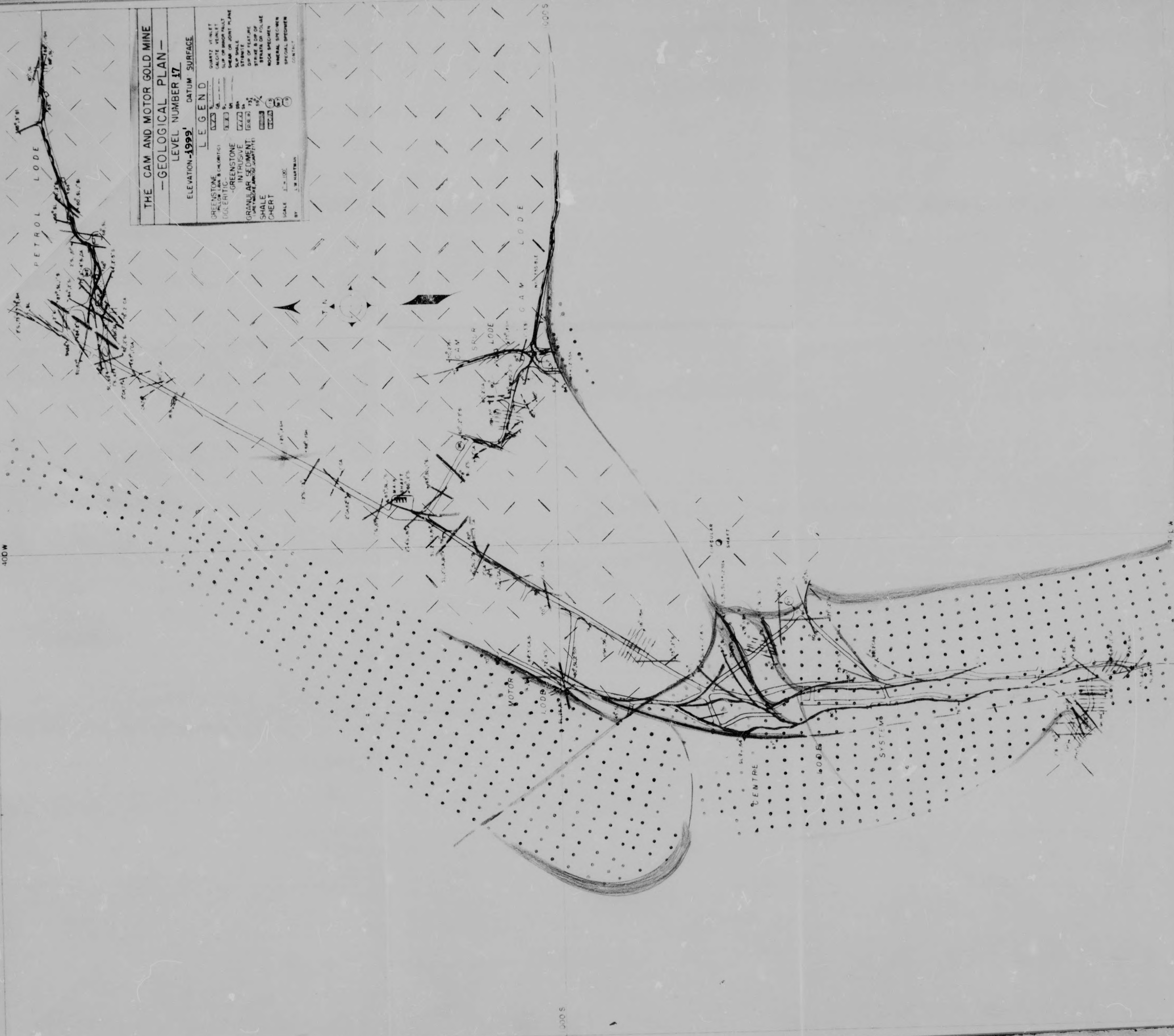


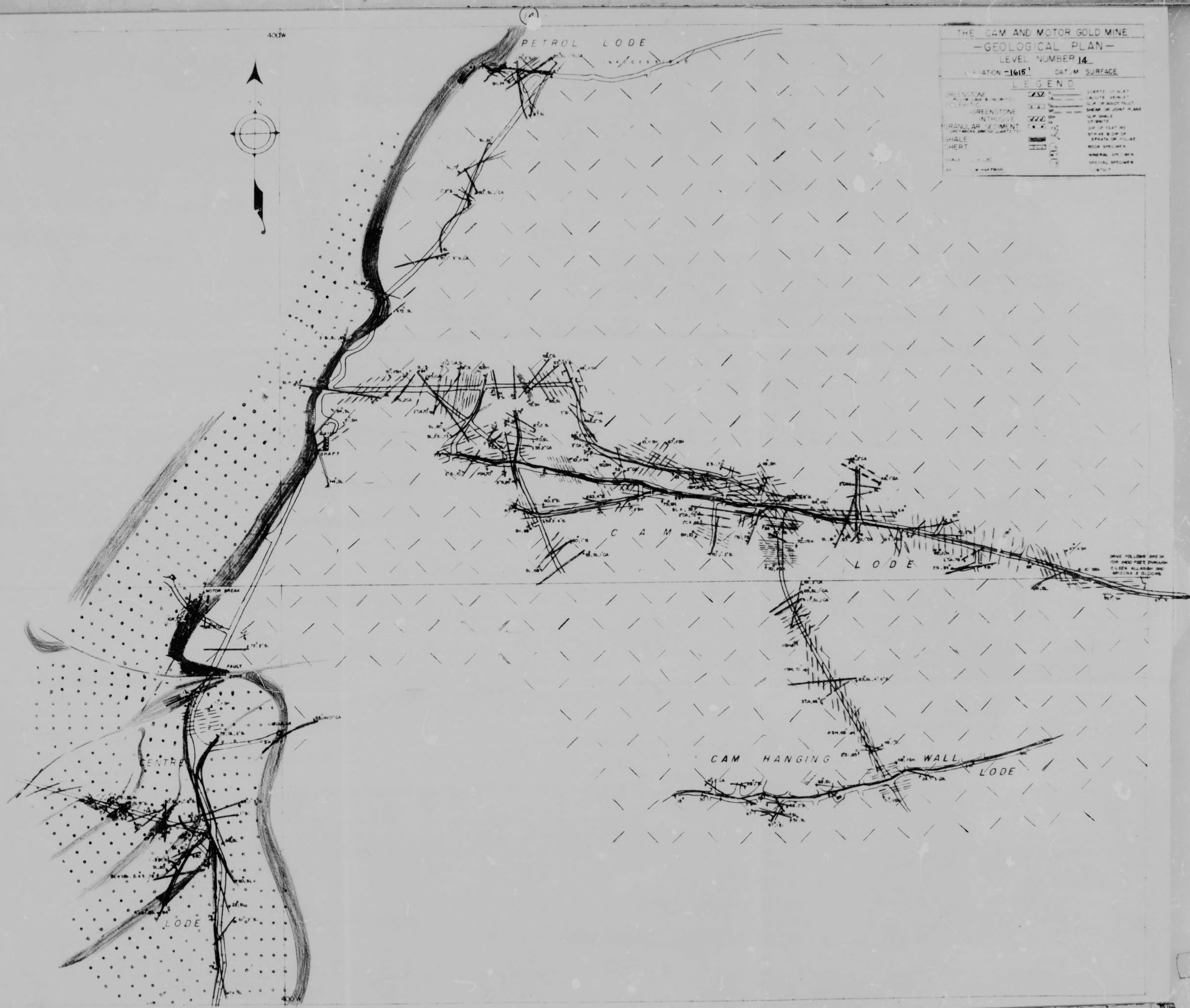
THE CAM AND MOTOR GOLD MINE
—GEOLOGICAL PLAN—
LEVEL NUMBER 49
ELEVATION -2250' DATUM: SURFACE

LEGEND

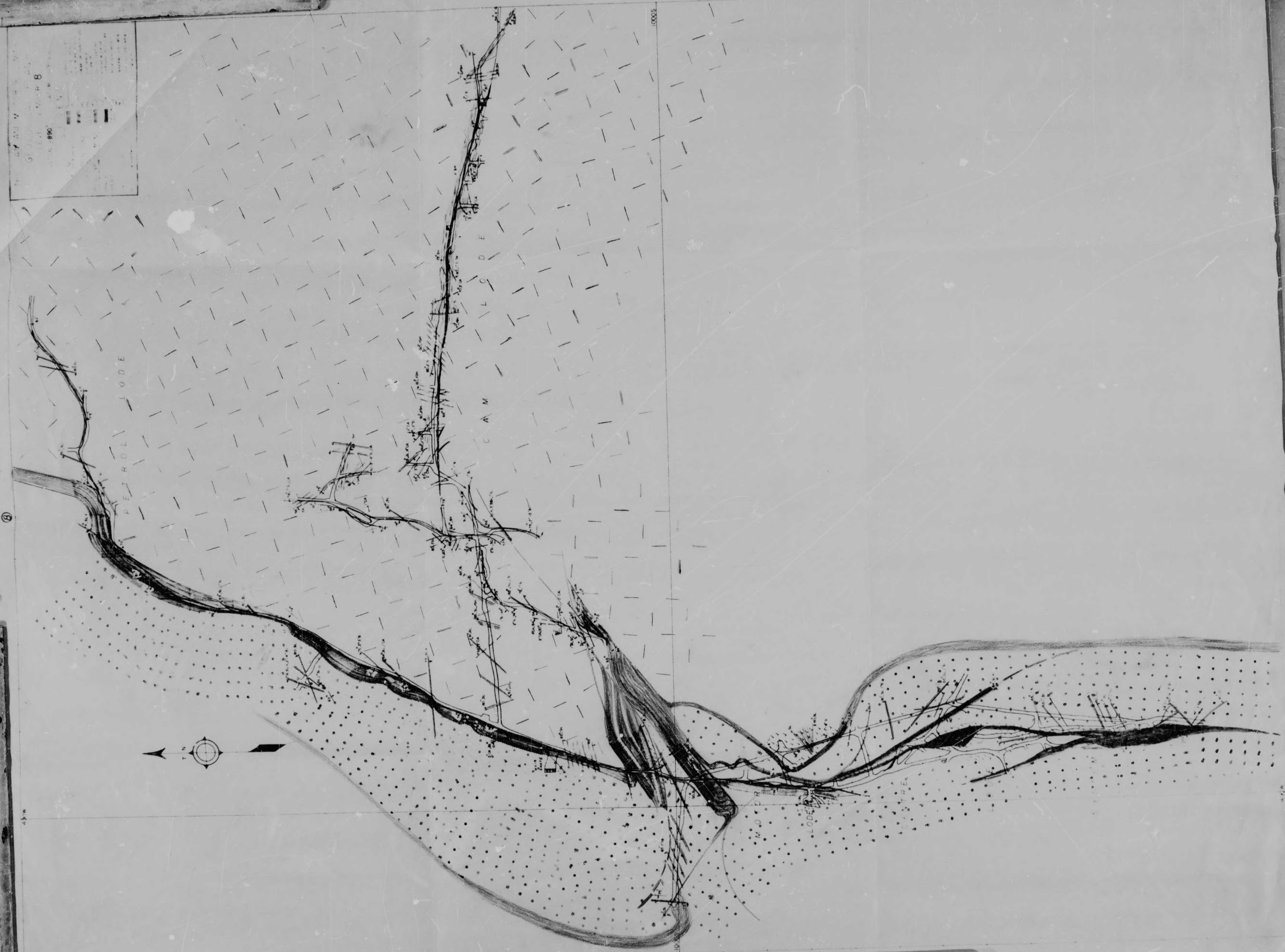
GREENSTONE (PILLOW LAVA & CHLORITIC)		QUARTZ VEINLET
DOLERITIC		CALCITE VEINLET
-GREENSTONE INTRUSIVE		SLIP OR MINOR FAULT
GRANULAR SEDIMENT: (GREYWACHE, ARGILLITE, QUARTZITE)		SHEAR OR JOINT PLANE
SHALE		SLIP SHALE
CHERT		STIBNITE
SCALE 1" = 100'		DIP OF FEATURE
BY L.W. HARTMAN		STRIKE & DIP OF STRATA OR FOLIAZ
		ROCK SPECIMEN
		MINERAL SPECIMEN
		SPECIAL SPECIMEN
		CONTACT



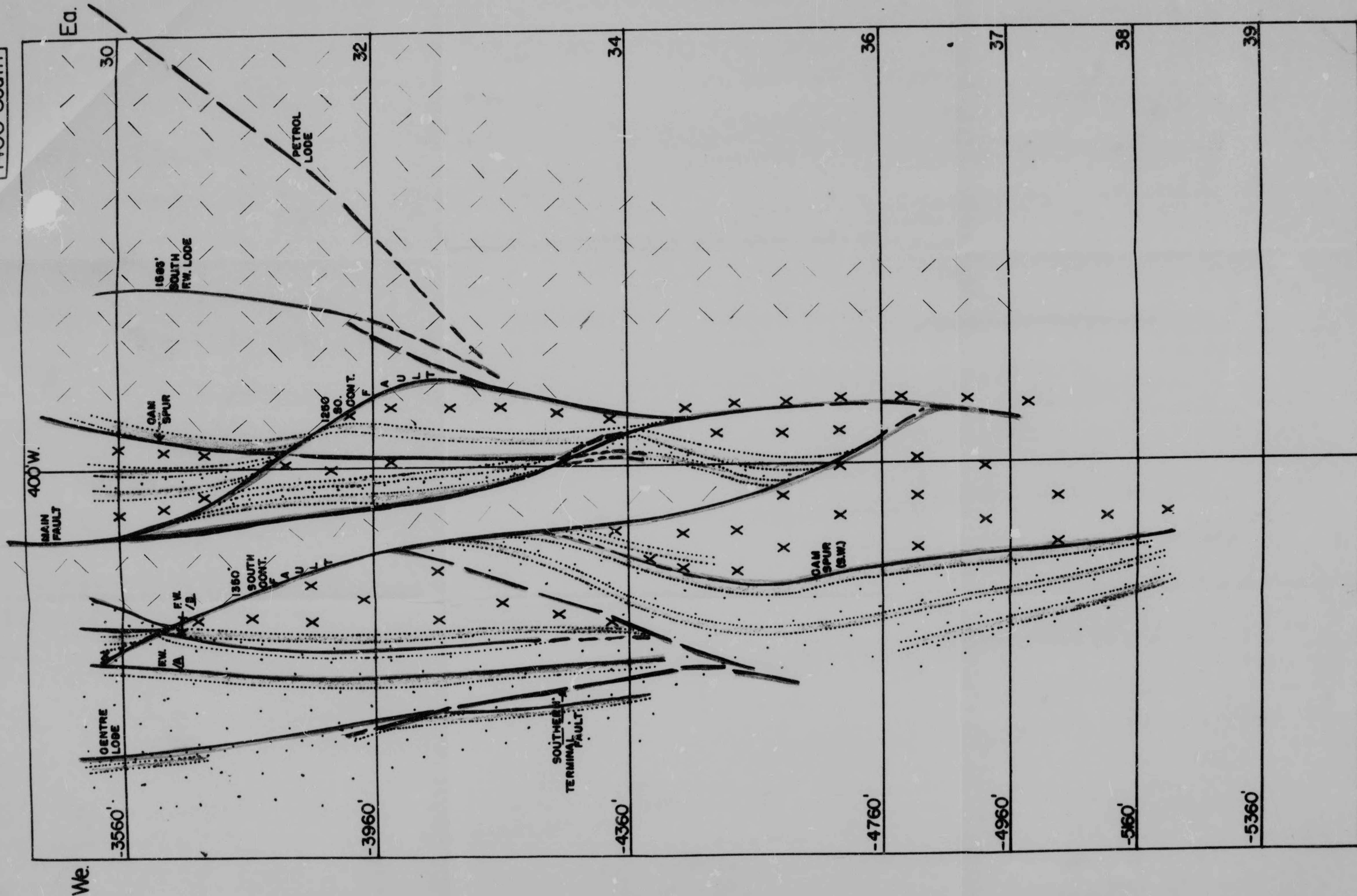




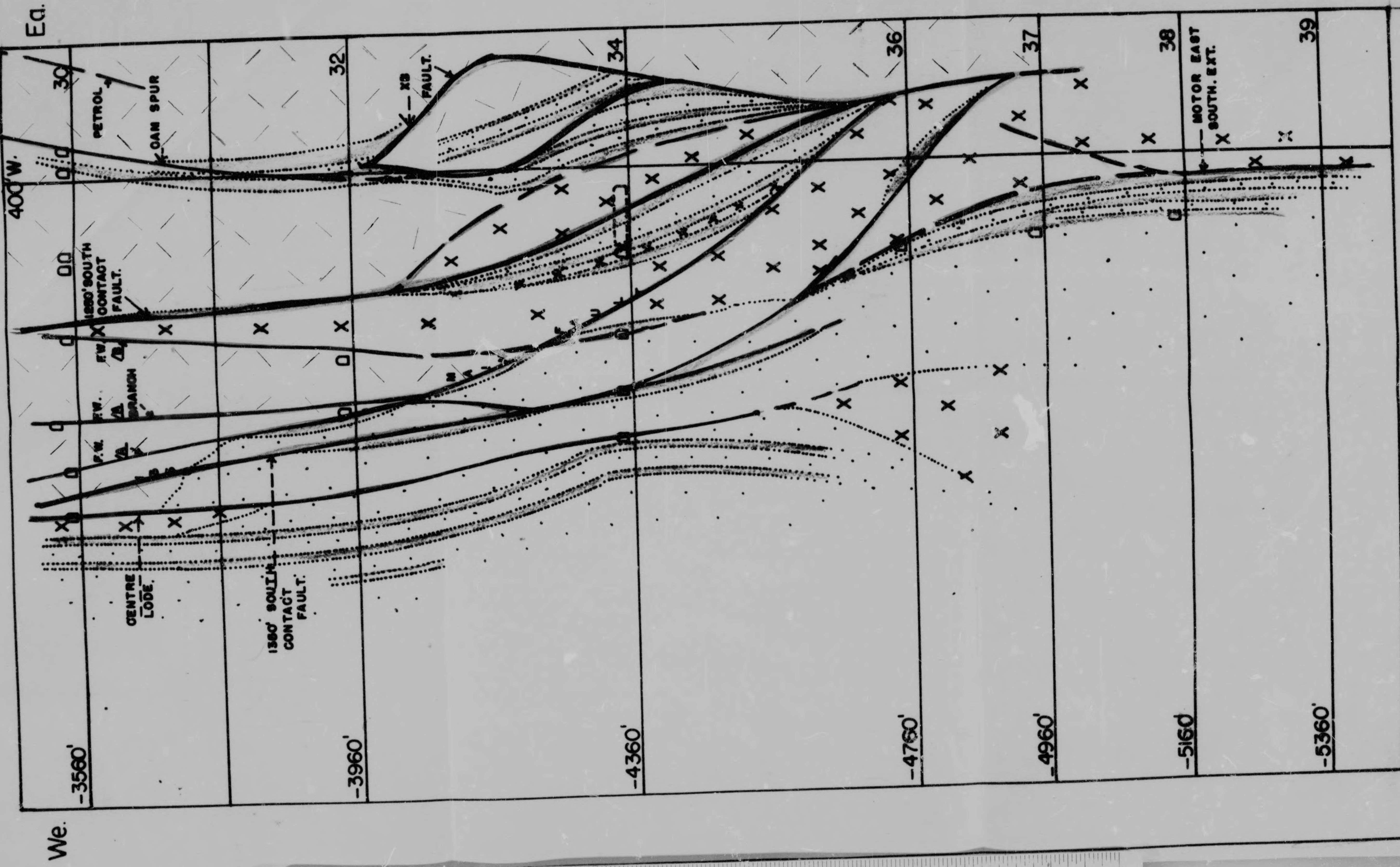
U.S. GEOLOGICAL SURVEY
Geological Map of the
Columbia River
Sheet 8
Scale 1:50,000
1900



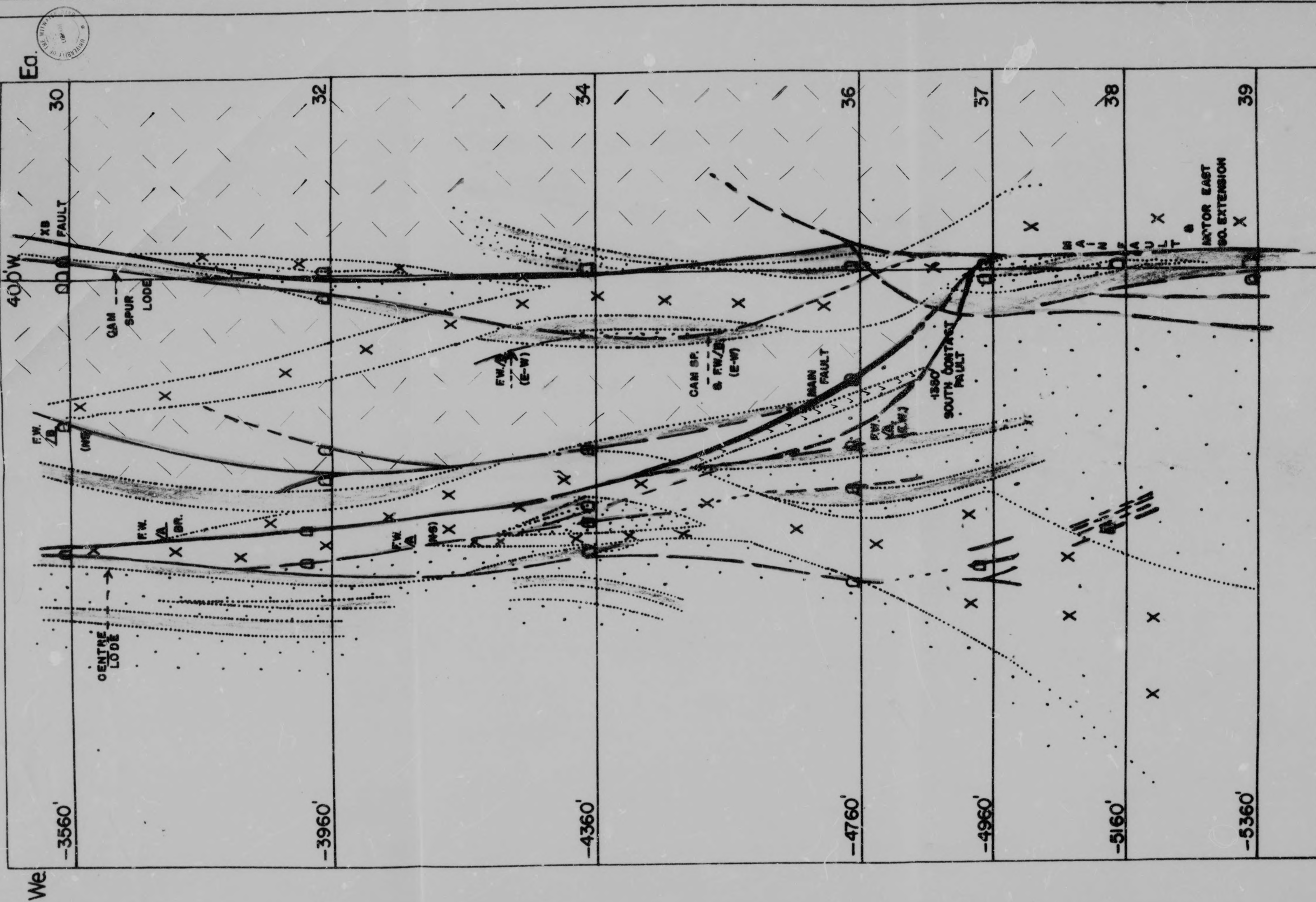
1400' South



1200' South



1000' South



Author Hartman L W

Name of thesis The Geology of the Cam and Motor Mine 1953

PUBLISHER:

University of the Witwatersrand, Johannesburg

©2013

LEGAL NOTICES:

Copyright Notice: All materials on the University of the Witwatersrand, Johannesburg Library website are protected by South African copyright law and may not be distributed, transmitted, displayed, or otherwise published in any format, without the prior written permission of the copyright owner.

Disclaimer and Terms of Use: Provided that you maintain all copyright and other notices contained therein, you may download material (one machine readable copy and one print copy per page) for your personal and/or educational non-commercial use only.

The University of the Witwatersrand, Johannesburg, is not responsible for any errors or omissions and excludes any and all liability for any errors in or omissions from the information on the Library website.