W.

E.

LE ZONE

13 ZONE

11 ZONE

12 ZONE

MR37

MR39

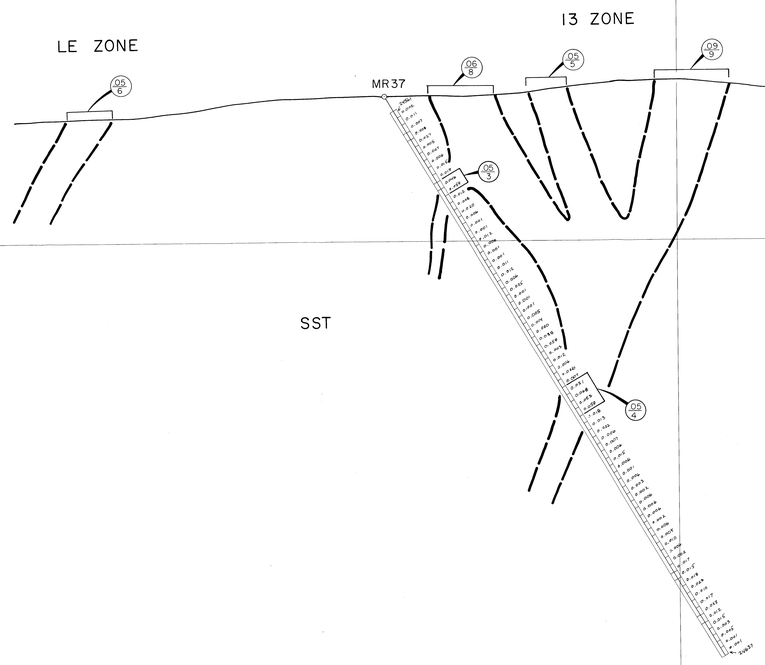
T.L.

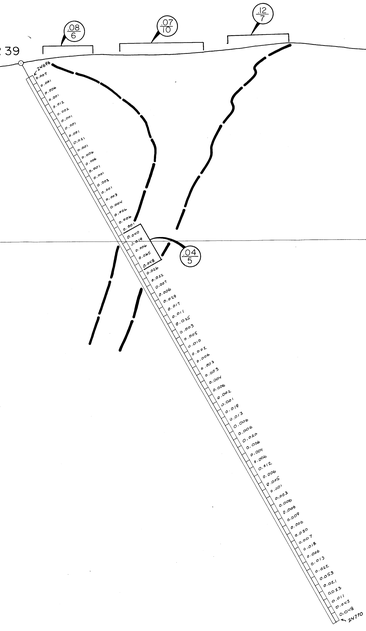
3900'

SST

SST

SST





LEGEND:

AS	Carbonate and fuchite altered siltstone, shaley siltstone, shale
DY	Feldspar porphyry dyke
ST	Massive siltstone
SST	Shaley siltstone
SH	Shale

MODIFIERS

Sp Sphalerite ; Ga Galena ; Py Pyrite ; Au Gold
q Quartz veinlets
g Graphite
n Ankerite
u Fuchite
m Massive

Fault , Fault Zone

Drill Hole (RH=ROTARY , MD=DIAMOND DRILL HOLE)

Sample N° , Au ppb, (Au Assay oz./ton)

Gold Zones

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

SECTION N-N'

0 5 10 15 Metres
0 10 20 30 40 50 Feet
(1:200)

DATE: JULY, 1985

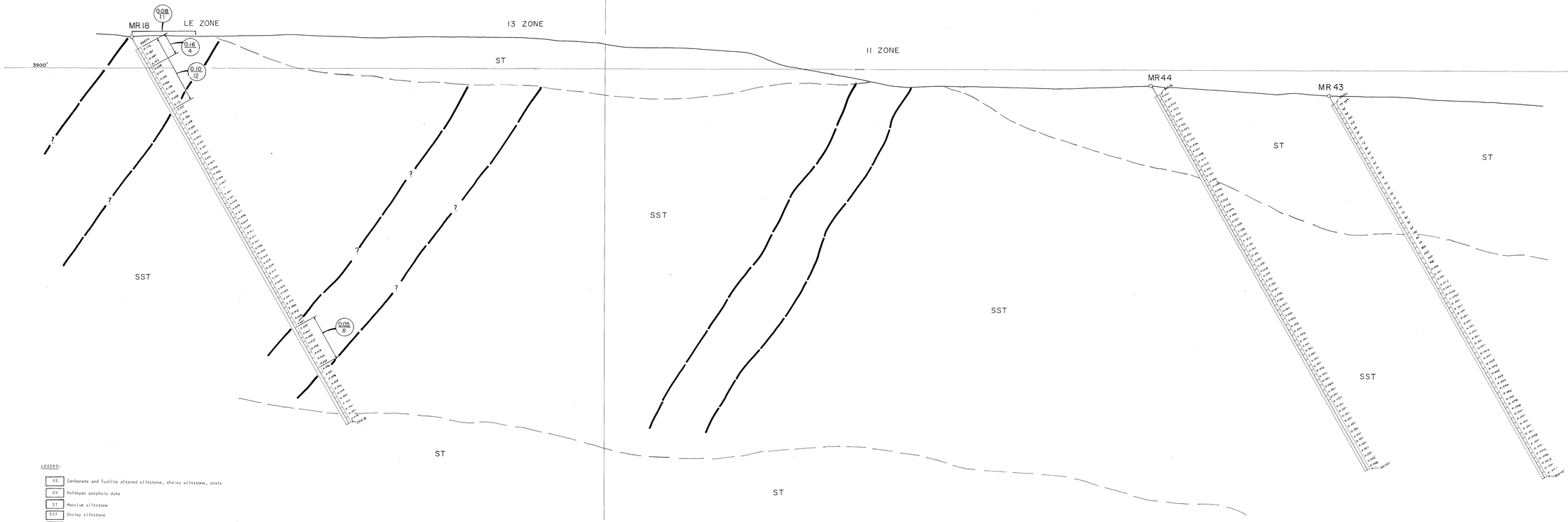
BY: JM./rmc

PLATE 10

W.

E.

T.L.



LEGEND:

AS	Carbonate and fuchite altered siltstone, shaley siltstone, shale
GY	Feldspar porphyry dyke
ST	Massive siltstone
SST	Shaley siltstone
SH	Shale

MODIFIERS

- Sp Sphalerite ; Ga Galena ; Py Pyrite ; Au Gold
- q Quartz veinlets
- g Graphite
- n Ankerite
- u Fuchite
- m Massive

Fault , Fault Zone

Drill Hole (RB=ROTARY , RD=DIAMOND DRILL HOLE)

Sample N°, Au ppb, (Au Assay oz./ton)

Gold Zones

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN AREA

CROSS SECTION

O-O'

0 5 10 15 Metres (1:200)
0 10 20 30 40 50 Feet

DATE : JULY, 1985

BY: J.M./rwt

PLATE II

T.L.

3900'

3900'

MR 41

MR-42

ST

SST

ST

SST

06/6

03/4

06/5

08/2

05/7

03/9

06/4

05/4

07/13

10/6

LEGEND:

AS	Carbonate and fuchite altered siltstone, shaley siltstone, shale
DY	Feldspar porphyry dyke
ST	Massive siltstone
SST	Shaley siltstone
SH	Shale

MODIFIERS

Sp	Sphalerite ; Ga Galena ; Py Pyrite ; Au Gold
q	Quartz veinlets
g	Graphite
n	Ankerite
u	Fuchite
m	Massive

Fault , Fault Zone

Drill Hole (MR=ROTARY , MD=DIAMOND DRILL HOLE)

Sample N°, Au ppb, (Au Assay oz./ton)

Gold Zones

GEOLOGICAL BRANCH
ASSESSMENT REPORT

PART

14,682 2 OF 2

MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

SECTION P-P'

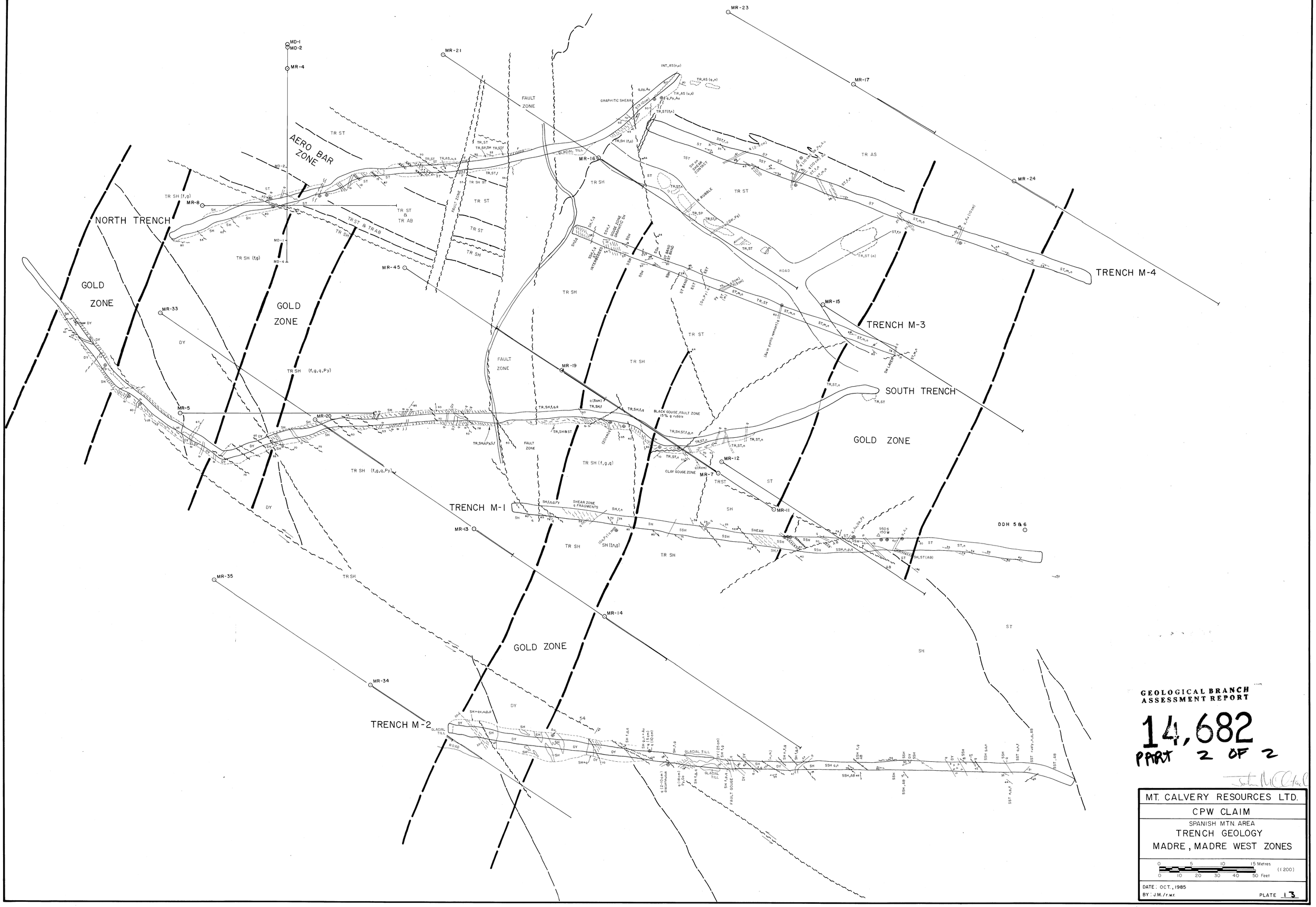
0 5 10 15 Metres (1:200)

0 10 20 30 40 50 Feet

DATE: JULY, 1985

BY: J.M./r.w.r.

PLATE 12



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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MT. CALVERY RESOURCES LTD.
CPW CLAIM
SPANISH MTN. AREA
TRENCH GEOLOGY
MADRE, MADRE WEST ZONES
0 5 10 15 Metres (1:200)
0 10 20 30 40 50 Feet
DATE: OCT., 1985
BY: J.M./r.w.r. PLATE 13

MD-1
MD-2
MR-4
MD-2
MD-1
MD-4
.08/72
.14/36
.06/26
MR-8
NORTH TRENCH
MR-16
MR-17
38/7
TRENCH M-4
MR-15
TRENCH M-3
SOUTH TRENCH
.07/10
.02/23
.05/46
.09/13
MR-5
.03/10
.18/10
.09/13
.07/23
.20/13
.09/20
MR-7
MR-12
MR-11
TRENCH M-1
MR-13
.01/26
.08/33
.28/43
.44/26
MR-14
TRENCH M-2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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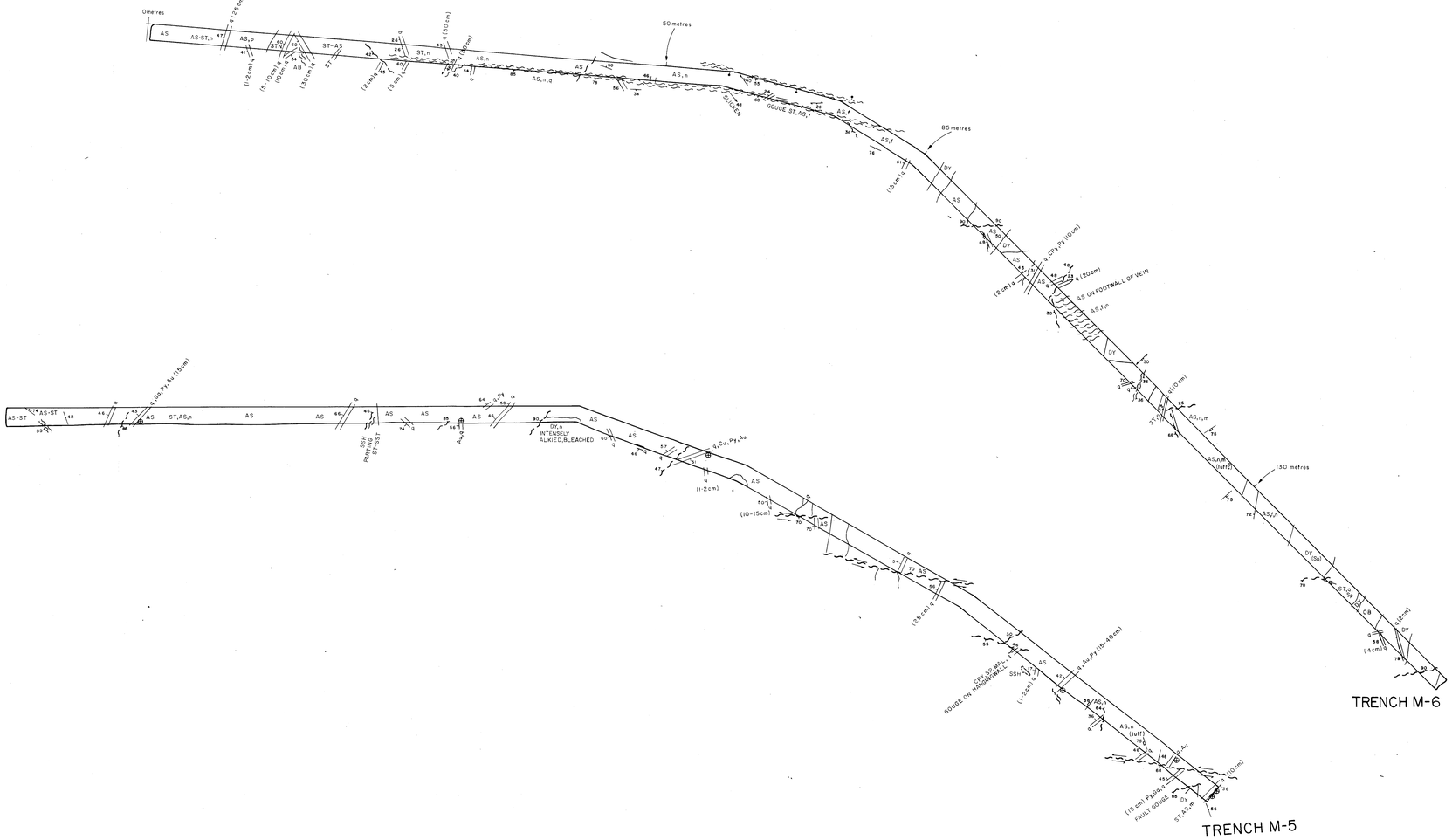
PART 2 OF 2

MT. CALVERY RESOURCES LTD.
CPW CLAIM
SPANISH MTN. AREA
Madre - Madre West
Trench Sampling
0 5 10 15 Metres
0 10 20 30 40 50 Feet
(1:200)
DATE: JULY, 1985
BY: J.M./r.w.r.
PLATE 14



LEGEND:

AS	Carbonate and fuchite altered siltstone, shaley siltstone, shale
DY	Feldspar porphyry dyke
ST	Massive siltstone
SST	Shaley siltstone
SH	Shale

MODIFIERS

Sp Sphalerite ; Ga Galena ; Py Pyrite ; Au Gold

q Quartz veinlets
g Graphite
n Ankerite
u Fuchite
m Massive

Fault , Fault Zone

Drill Hole (MR = ROTARY , MD = DIAMOND DRILL HOLE)

⊕ VISIBLE GOLD SHOWING

GOLD ZONES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

TRENCHES M-5 & M-6

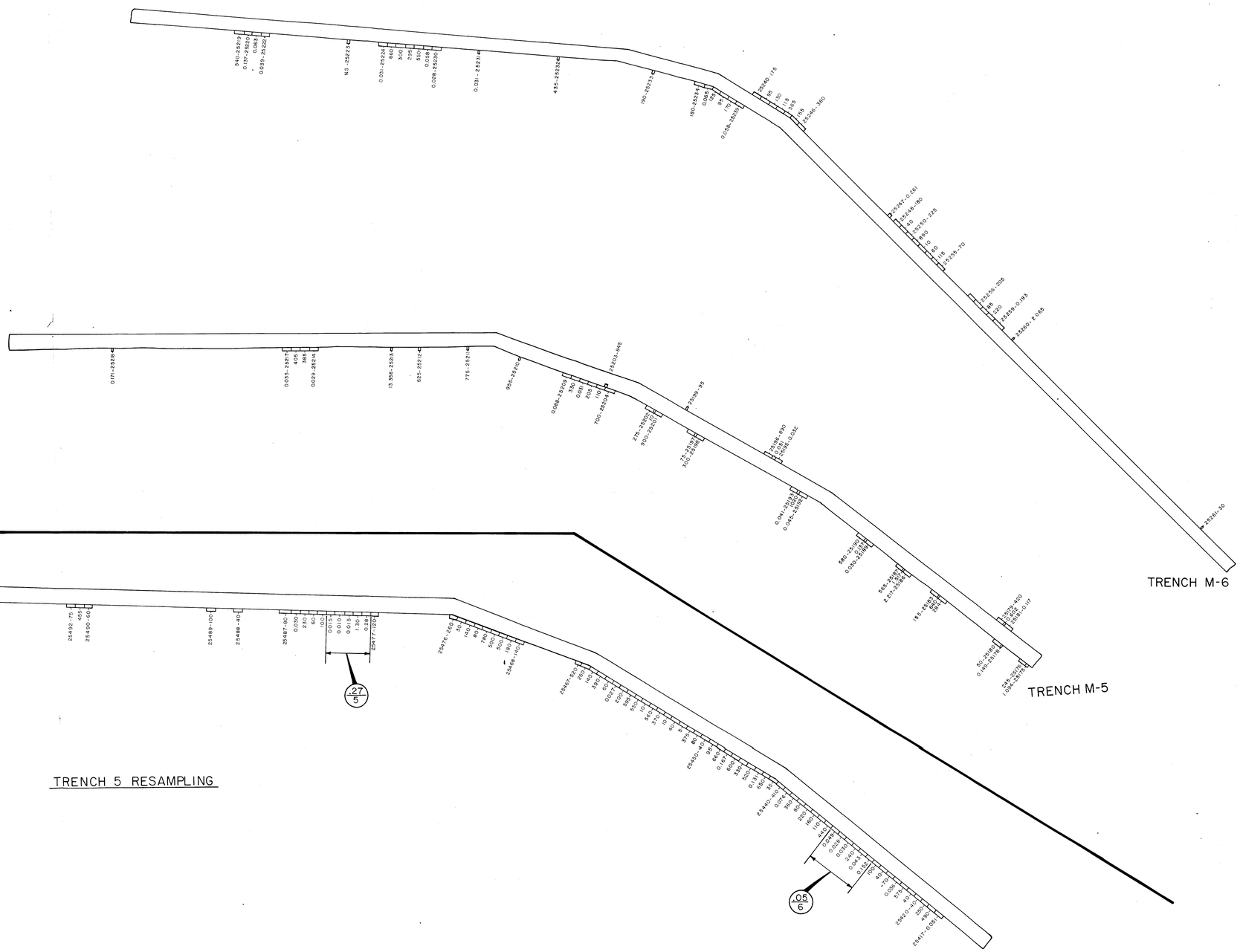
GEOLOGY

0 5 10 15 Metres
0 10 20 30 40 50 Feet
(1:200)

DATE: JULY, 1985

BY: J.M./r.w.r.

PLATE 15



LEGEND:

- 1499-90 SAMPLE NUMBER - GOLD VALUE IN PPB.
- 1733-0056 SAMPLE NUMBER - GOLD VALUE IN oz./ton
- 005/6 GOLD oz./t. / WIDTH IN METRES
- Drill Hole (MR = ROTARY, MD = DIAMOND DRILL HOLE)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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PART 2 OF 2

MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

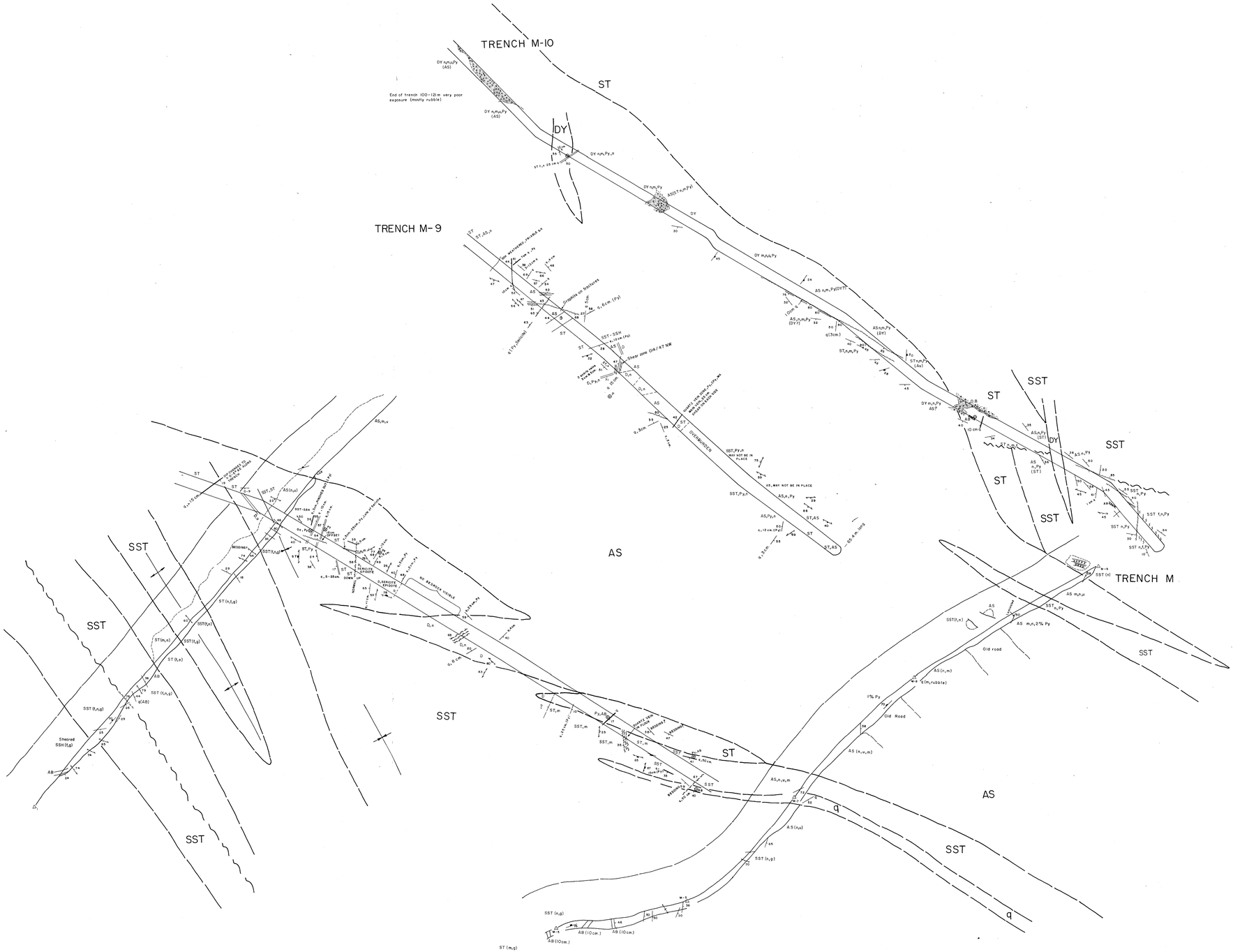
TRENCHES M-5 & M-6

TRENCH SAMPLING MAP

0 5 10 15 Metres (1:200)
0 10 20 30 40 50 Feet

DATE: JULY, 1985
BY: J.M./r.w.r.

PLATE 16



NORTH SHEET

SOUTH SHEET

INDEX

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MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN AREA

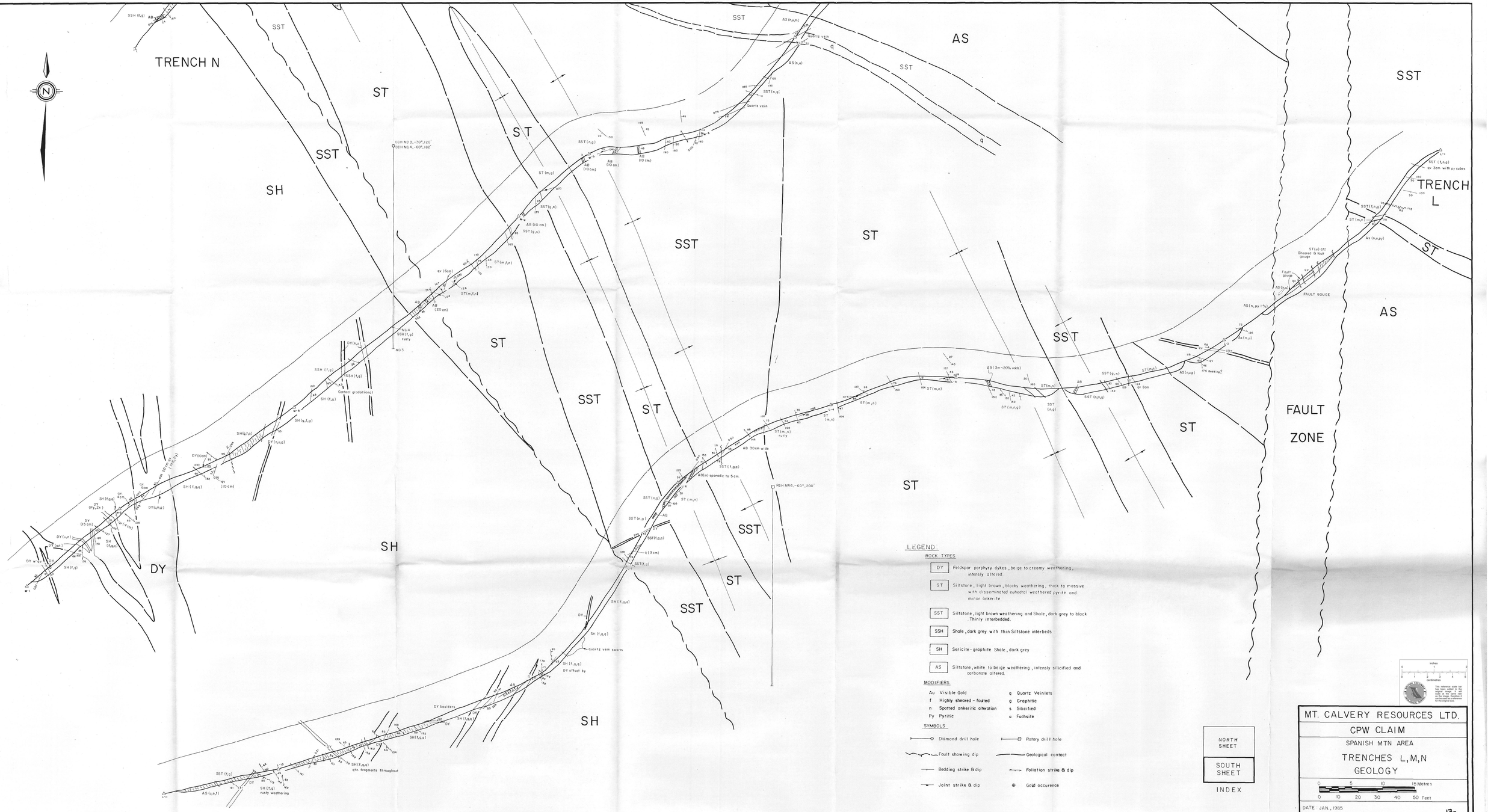
TRENCHES M,N,8,9 & 10
GEOLOGY

0 5 10 15 Metres
0 10 20 30 40 50 Feet

DATE: OCT. 1985

BY: JM / rwr

PLATE 17


TRENCH N
TRENCH L
FAULT ZONE
SST
ST
SH
AS
DY
LEGEND:
ROCK TYPES
DY Feldspar porphyry dykes, beige to creamy weathering, intensly altered.
ST Siltstone, light brown, blocky weathering, thick to massive with disseminated euhedral weathered pyrite and minor ankerite
SST Siltstone, light brown weathering and Shale, dark grey to black. Thinly interbedded.
SSH Shale, dark grey with thin Siltstone interbeds
SH Sericite-graphite Shale, dark grey
AS Siltstone, white to beige weathering, intensly silicified and carbonate altered.
MODIFIERS
Au Visible Gold
f Highly sheared - faulted
n Spotted ankeritic alteration
Py Pyritic
q Quartz Veinlets
g Graphitic
s Silicified
u Fuchsite
SYMBOLS
Diamond drill hole
Rotary drill hole
Fault showing dip
Geological contact
Bedding strike & dip
Foliation strike & dip
Joint strike & dip
Gold occurence
NORTH SHEET
SOUTH SHEET
INDEX
MT. CALVERY RESOURCES LTD.
CPW CLAIM
SPANISH MTN AREA
TRENCHES L,M,N
GEOLOGY
0 5 10 15 Metres
0 10 20 30 40 50 Feet
DATE: JAN., 1985
BY: A.J.S., J.M./r.w.r.
PLATE 17a

TRENCH 10

TRENCH 9

TRENCH 8

TRENCH N

TRENCH M

0.07
8

0.04
5

0.06
4

0.11
5

0.09
5

0.30
4

0.06
16

0.09
4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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PART 2 OF 2

MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN AREA

TRENCHES N,M,8,9 & 10

TRENCH SAMPLING MAP

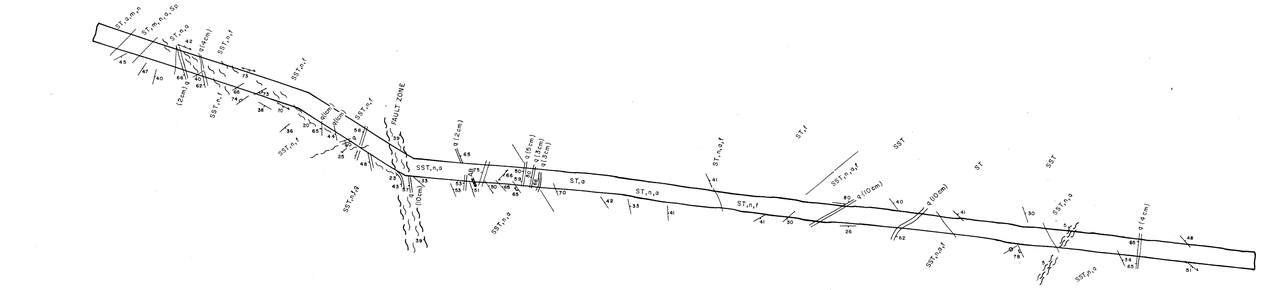
0 5 10 15 Metres
0 10 20 30 40 50 Feet

DATE : OCT., 1985

BY: JM./rwt

PLATE 18

TRENCH M-7



LEGEND:

AS	Carbonate and fuchite altered siltstone, shaley siltstone, shale
DY	Feldspar porphyry dyke
ST	Massive siltstone
SST	Shaley siltstone
SH	Shale

MODIFIERS

Sp Sphalerite ; Ga Galena ; Py Pyrite ; Au Gold

q Quartz veinlets
g Graphite
n Ankerite
u Fuchite
m Massive

Fault , Fault Zone

Drill Hole (MR = ROTARY , MD = DIAMOND DRILL HOLE)

⊕ VISIBLE GOLD SHOWING

GOLD ZONES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,682 PART 2 OF 2

MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

TRENCH M-7

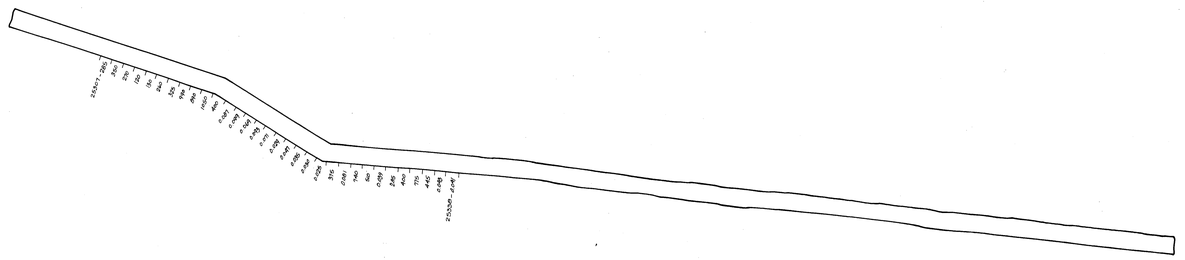
Geology

0 5 10 15 Metres (1:200)
0 10 20 30 40 50 Feet

DATE: JULY, 1985
BY: J.M./r.w.r.

PLATE 19

TRENCH M-7



LEGEND:

[240 GOLD VALUE IN P.P.B.

[A.007 GOLD VALUE IN oz./ton

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

TRENCH M-7

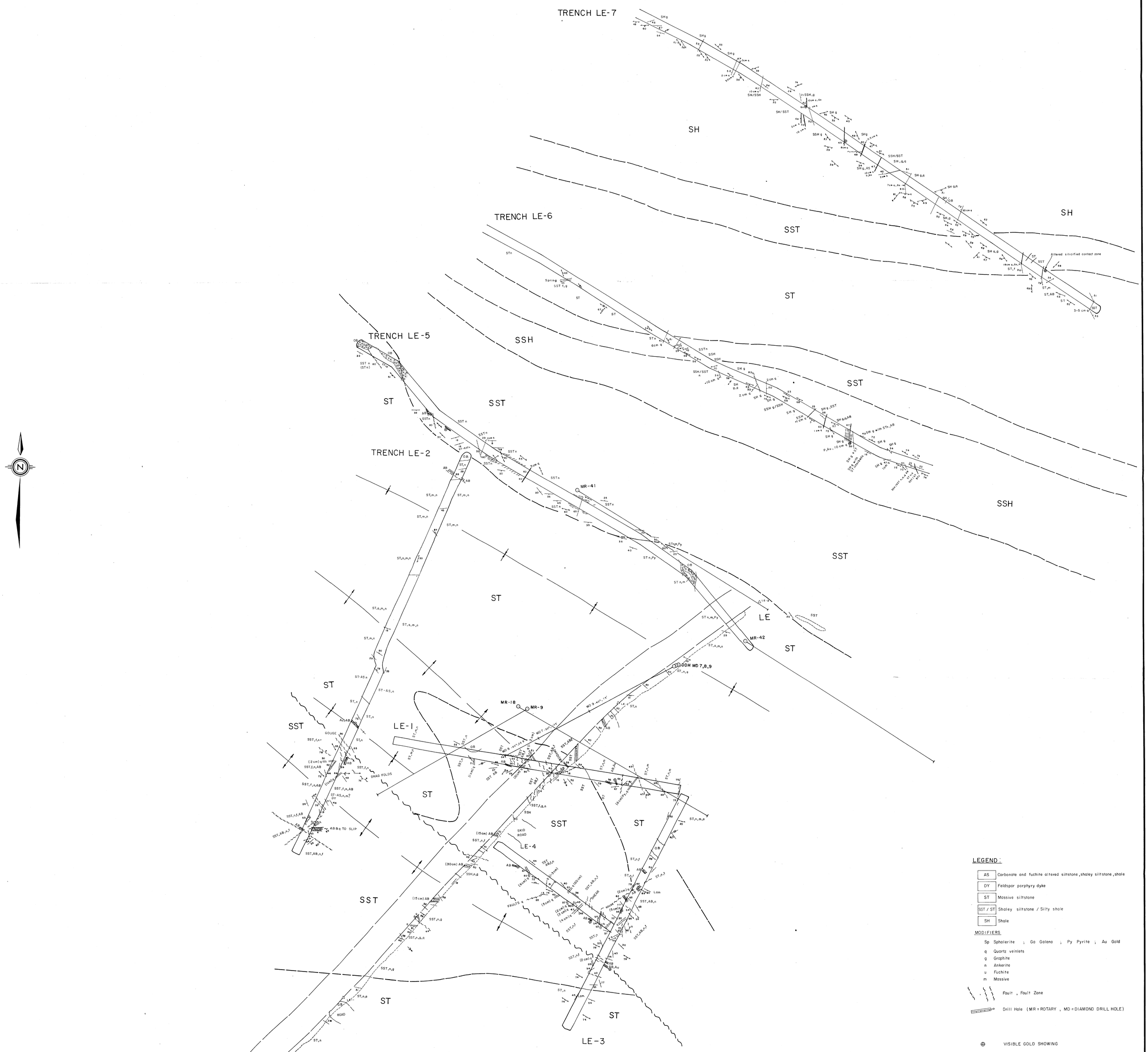
ASSAY RESULTS

0 5 10 15 Metres (1:200)
0 10 20 30 40 50 Feet

DATE: JULY, 1985

BY: J.M./r.w.r.

PLATE 20



LEGEND :

AS	Carbonate and fuchite altered siltstone, shaley siltstone, shale
DY	Feldspar porphyry dyke
ST	Massive siltstone
SST / ST	Shaley siltstone / Silty shale
SH	Shale

MODIFIERS

Sp	Sphalerite ; Ga Galena ; Py Pyrite ; Au Gold
q	Quartz veinlets
g	Grophite
n	Ankerite
u	Fuchite
m	Massive

Fault , Fault Zone

Drill Hole (MR = ROTARY , MD = DIAMOND DRILL HOLE)

⊕ VISIBLE GOLD SHOWING

GOLD ZONES

GEOLOGICAL BRANCH
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MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

"LE" TRENCHES

GEOLOGY

0 5 10 15 Metres (1:200)

0 10 20 30 40 50 Feet

DATE : OCT., 1985

BY : J.M./r.w.r.

PLATE 21

TRENCH LE 7

TRENCH LE-6

TRENCH LE-5

TRENCH LE-2

TRENCH LE-1

LE-4

LE-3

MR-41

MR-42

DDH MD 7,8,9

MR-18

MR-9

LE

0.06
6

0.11
10

0.10
13

0.08
9.1

0.03
3

0.05
9

LEGEND:

25397 - 480 SAMPLE NUMBER - GOLD VALUE

430 GOLD VALUE IN P.P.B.

0.049 GOLD VALUE IN oz./ton

0.10
13 GOLD oz./ton over WIDTH IN METRES

DRILL HOLE (MR=ROTARY), (MD=DIAMOND)

MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

"LE" TRENCHES

TRENCH SAMPLING MAP

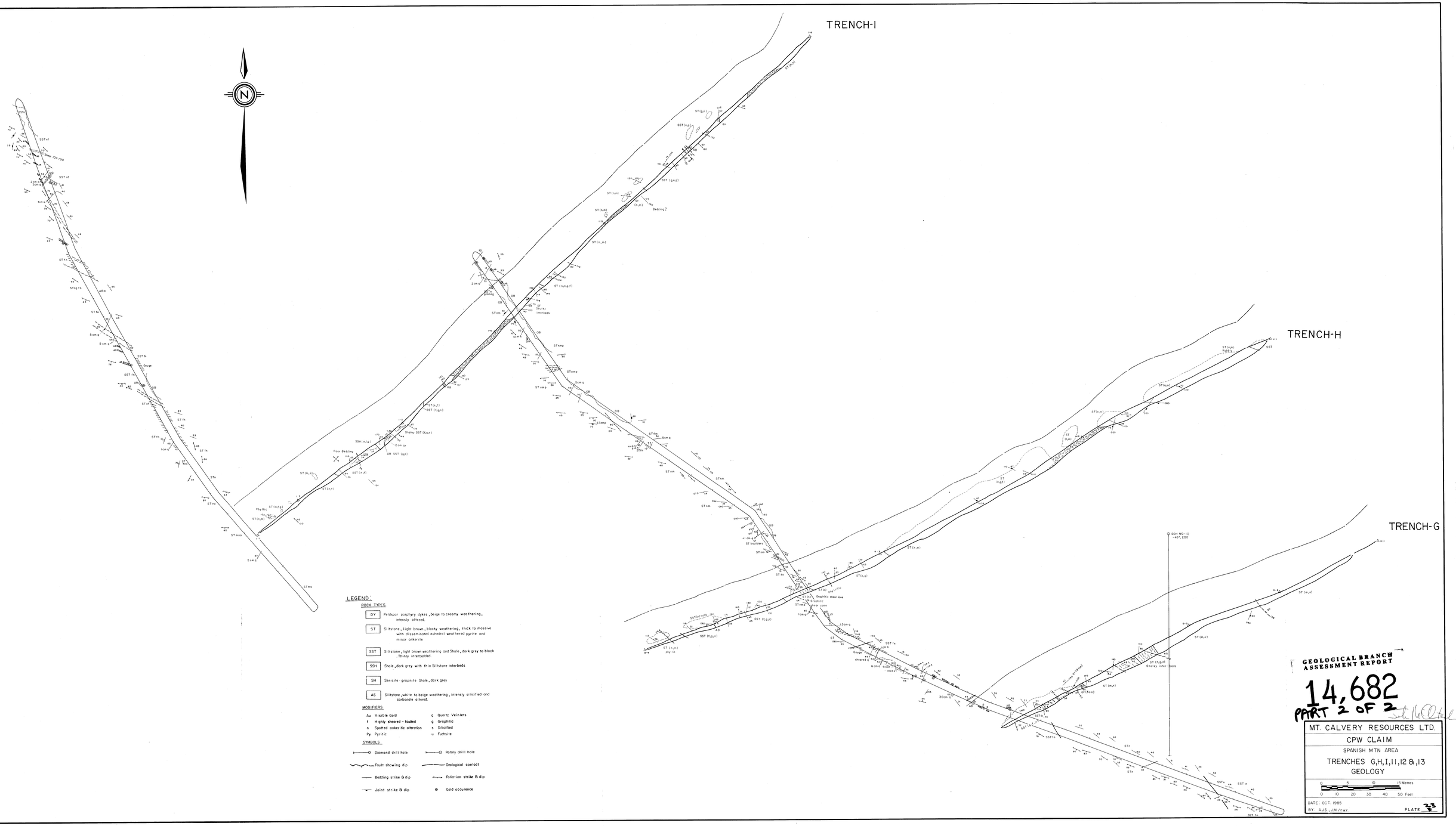
0 5 10 15 Metres (1:200)

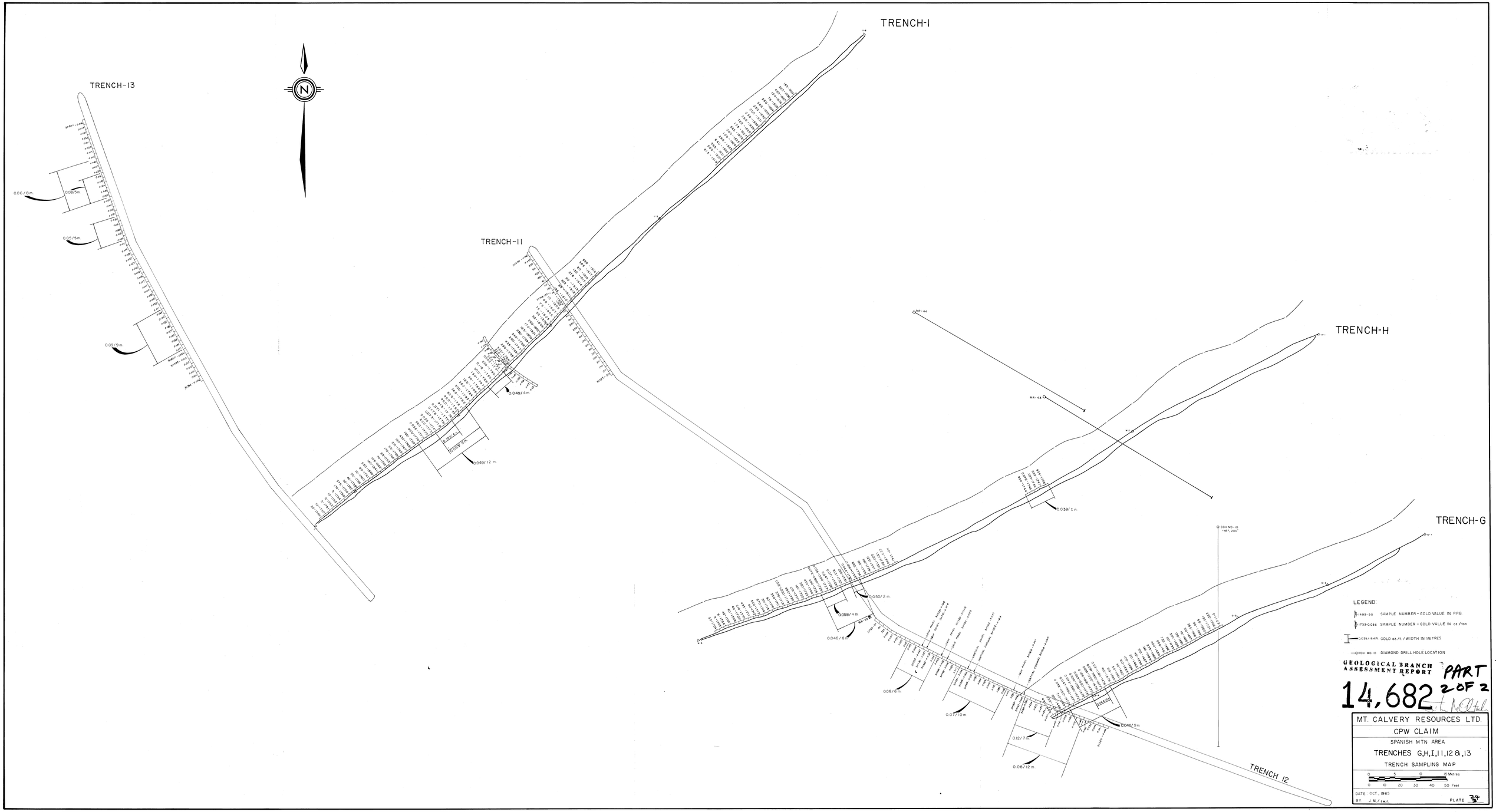
0 10 20 30 40 50 Feet

DATE: OCT., 1985

BY: J.M./r.w.r.

PLATE 22


TRENCH-I
TRENCH-H
TRENCH-G
N
LEGEND:
ROCK TYPES
DY Feldspar porphyry dykes, beige to creamy weathering, intensly altered.
ST Siltstone, light brown, blocky weathering, thick to massive with disseminated euhedral weathered pyrite and minor ankerite
SST Siltstone, light brown weathering and Shale, dark grey to black. Thinly interbedded.
SSH Shale, dark grey with thin Siltstone interbeds
SH Sericite - graphite Shale, dark grey
AS Siltstone, white to beige weathering, intensly silicified and carbonate altered.
MODIFIERS
Au Visible Gold
f Highly sheared - faulted
n Spotted ankeritic alteration
Py Pyritic
q Quartz Veinlets
g Graphitic
s Silicified
u Fuchsite
SYMBOLS
Diamond drill hole
Rotary drill hole
Fault showing dip
Geological contact
Bedding strike & dip
Foliation strike & dip
Joint strike & dip
Gold occurence
GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,682
PART 2 OF 2
MT. CALVERY RESOURCES LTD.
CPW CLAIM
SPANISH MTN AREA
TRENCHES G,H,I,11,12 & 13
GEOLOGY
0 5 0 10 Metres
0 10 20 30 40 50 Feet
DATE OCT. 1985
BY A.J.S., J.M./r.w.r
PLATE 23



GEOLOGICAL BRANCH ASSESSMENT REPORT

14,682 PART 2 OF 2

MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN AREA

TRENCHES G,H,I,11,12 & 13

TRENCH SAMPLING MAP

0 5 10 15 Metres

0 10 20 30 40 50 Feet

DATE OCT., 1985

BY J.M./rwr.

PLATE 34

SW

NE

Elevation

PESO | CPW

4200'

4100'

4000'

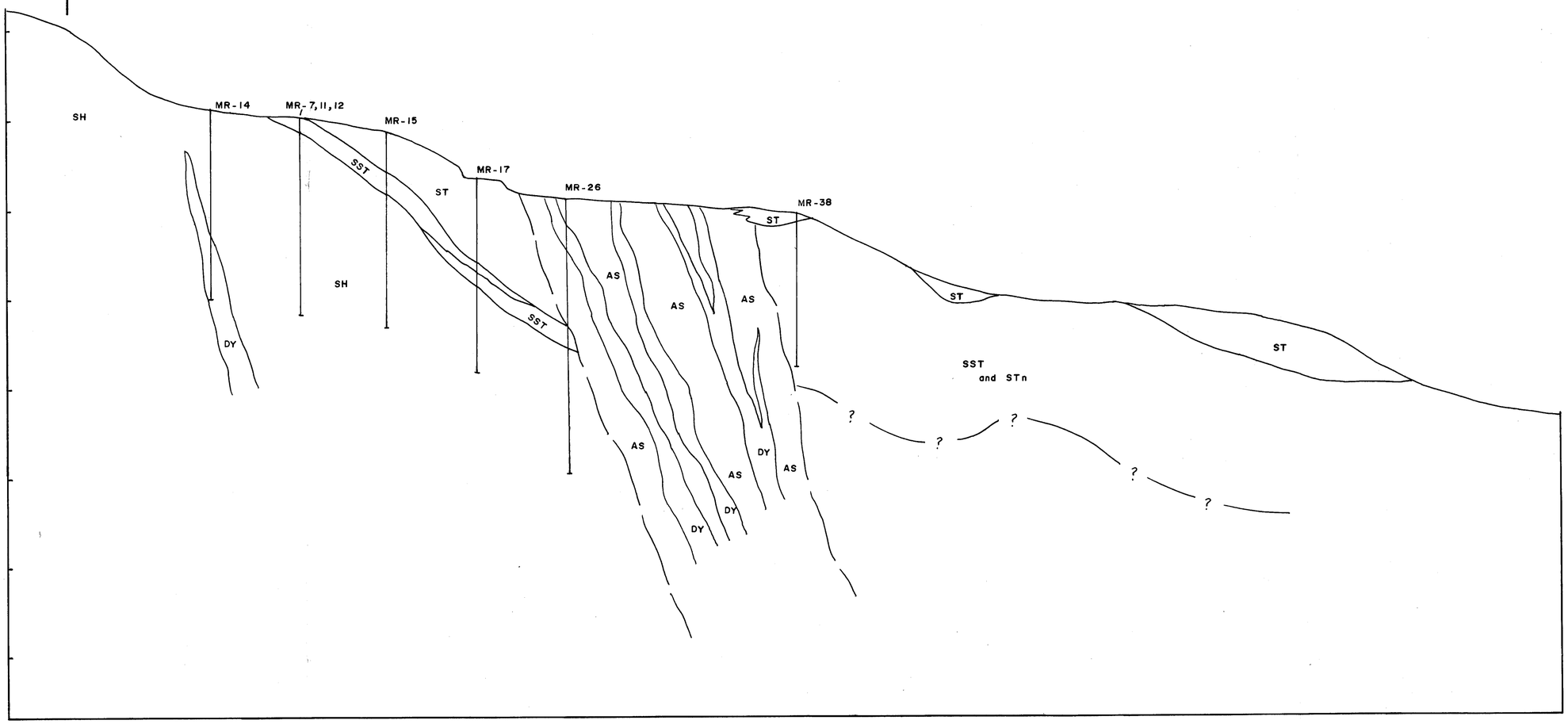
3900'

3800'

3700'

3600'

3500'



Legend

MR-14	Rotary drill hole	DY	Feldspar Porphyry Dyke
		AS	Carbonate and fuschite altered siltstone, shaley siltstone and shale
		ST	Massive siltstone
		SST	Shaley siltstone
		SH	Shale

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,682
PART 2 OF 7

MT. CALVERY RESOURCES LTD.

CPW CLAIM

SPANISH MTN. AREA

LONGITUDINAL SECTION

A - A'

1 : 1000 0 20 40 60 Metres

DATE: OCT, 1985
BY J.M./jwp

FIGURE 25