

CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4311 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 5349D

### RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

SPREAD TYPE 0-5280'

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PLAYBACK

FILTERS 9/127-1/65

AGC SLOW

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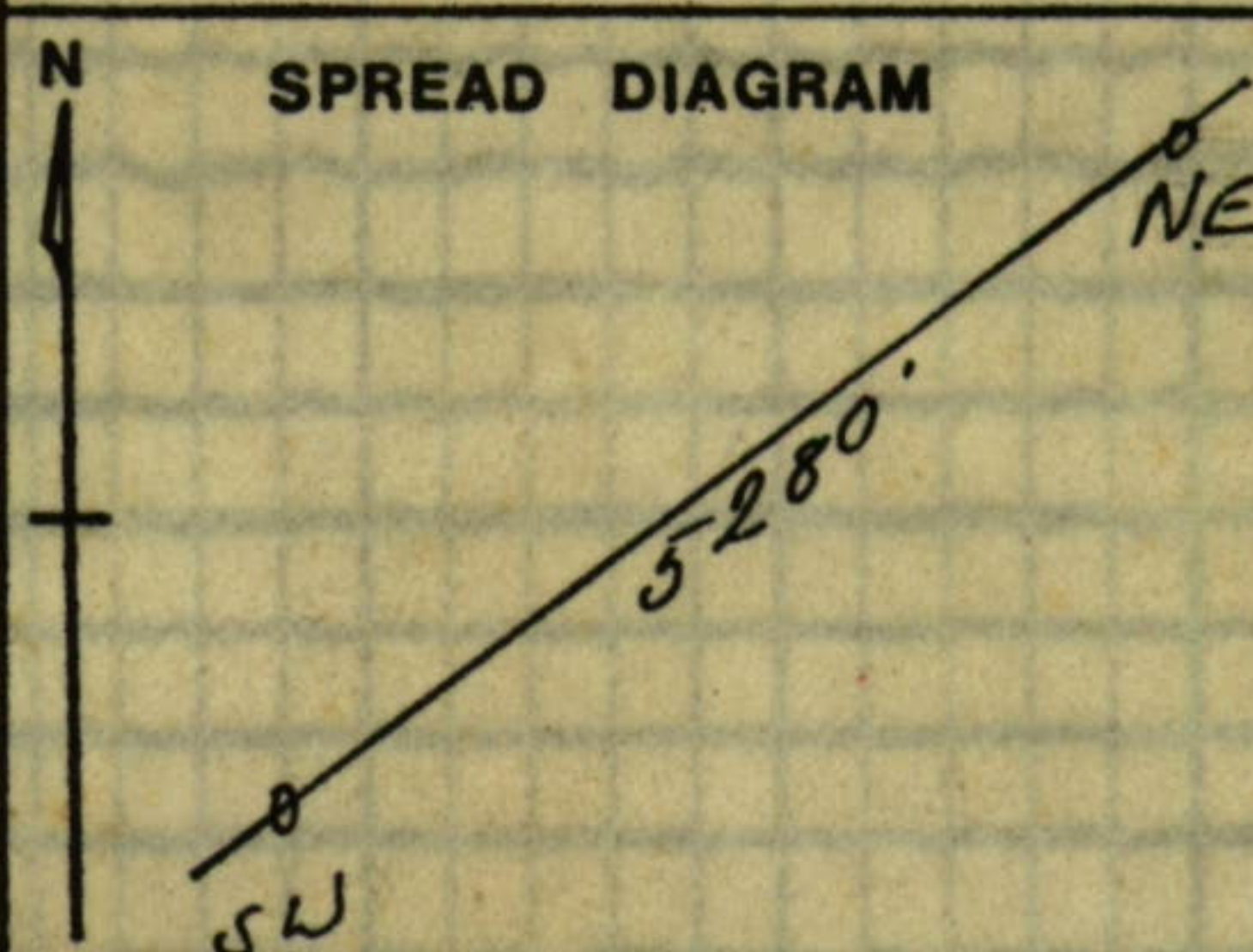
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Vc.....  
Elev. 1094.4 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES** PTY LTD

DATE 30<sup>TH</sup> SEP. '71

TIES D DIR



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TIE S.P. 4323 DIR SW

HOLE LOG

25520



HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4299 LINE 820SHOT No. A DEPTH OF SHOT 64' CHARGE SIZE 40<sup>#</sup>HOLE PATTERN SINGLE MON. ✓ PBK. ✓ TAPE No. 58697

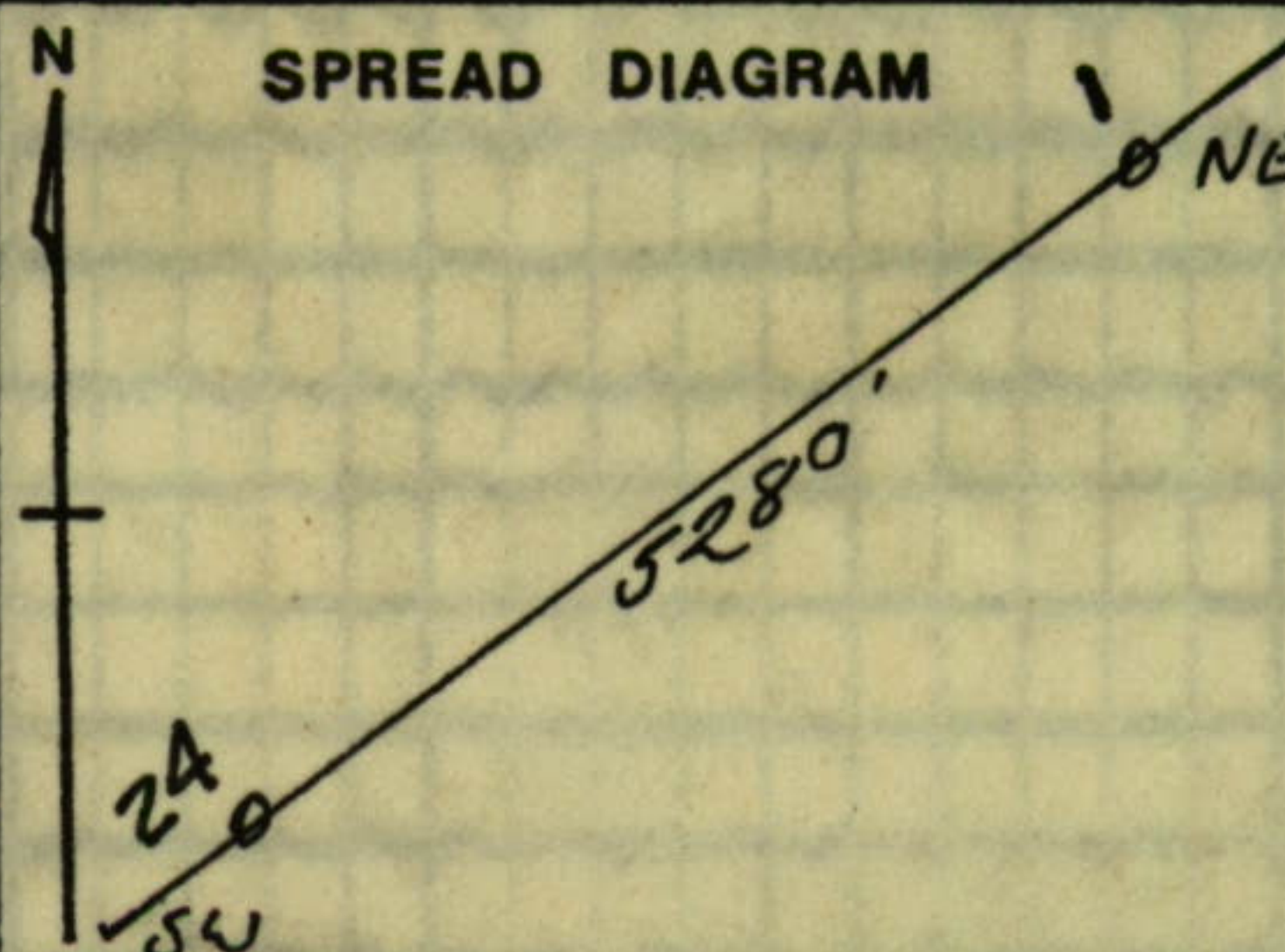
## RECORDING

INST TYPE GA-33FILTERS 1/0 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....  
 Elev. 1090.4 Tsd. ....  
 Ds. .... Tuh. ....  
 Es. ....  
 Dtm. ....  
 S-D. ....



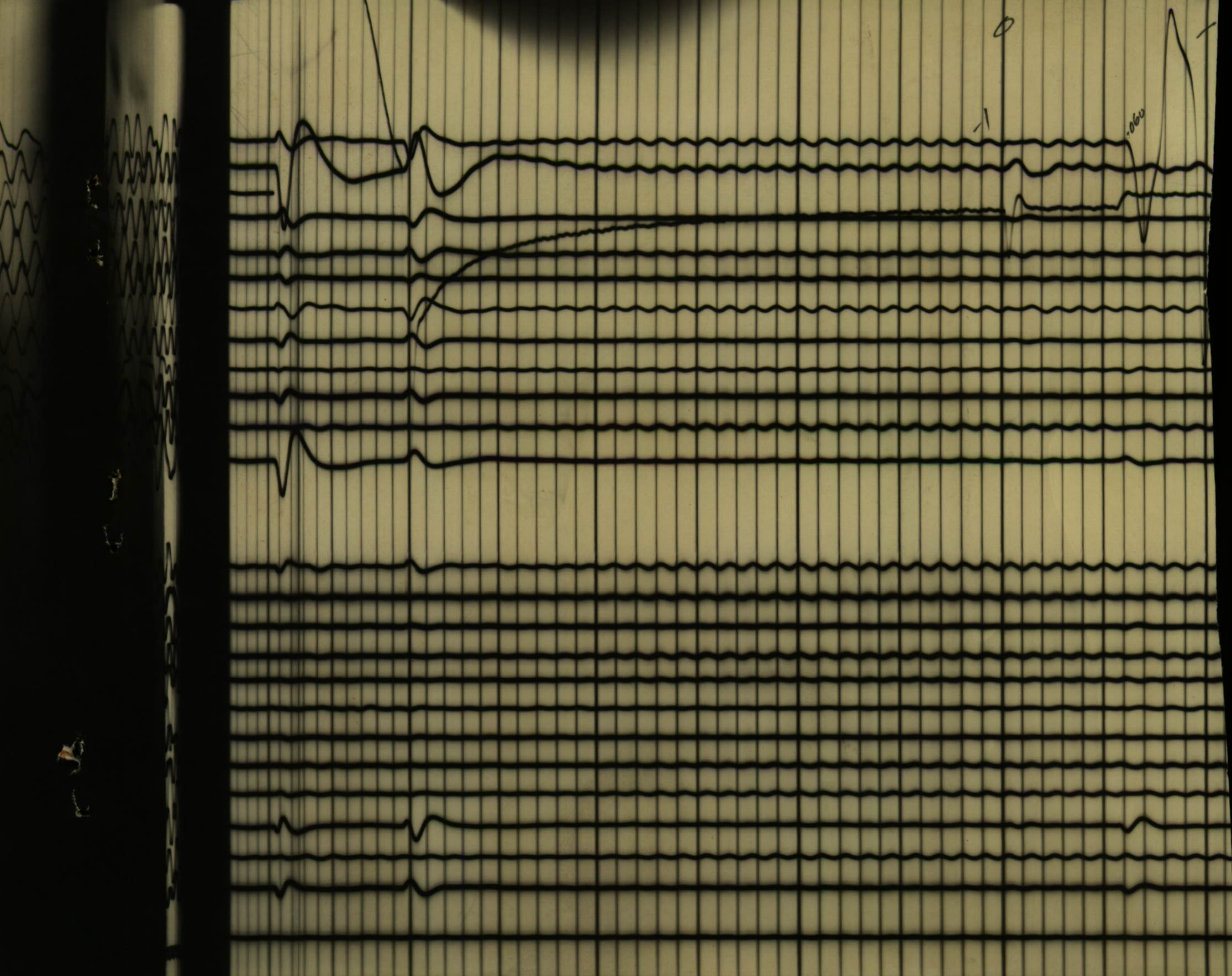
SHOT BY:

**GES** PTY LTDDATE 7<sup>TH</sup> OCT '71TIE S.P. --- DIR ---

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TIE S.P. 4311 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4302

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53467

RECORDING

INST TYPE GA-33

FILTERS 1/20 ~~NOT~~ 1/120

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

SPREAD TYPE 660'-0'-4620'

PLAYBACK

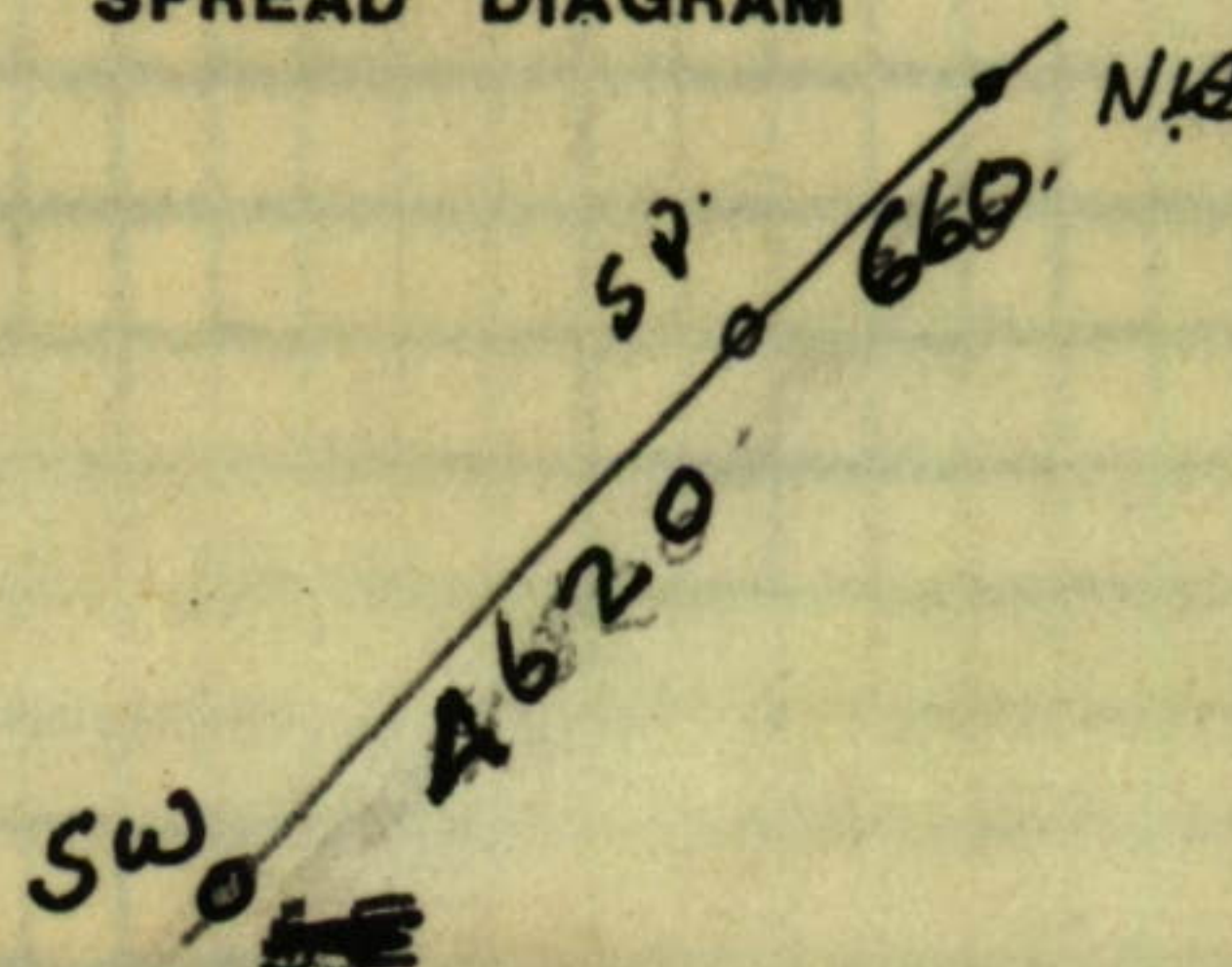
FILTERS 1/20 - 1/90

AGC SLOW

Vc.....  
Elev. 1096.1 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....

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SPREAD DIAGRAM



SHOT BY:

**GES**

PTY LTD

DATE OCT. 7-71

TIE S.P. --- DIR ---

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TIE S.P. A311 DIR SW



CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4305 LINE 820

SHOT No. A DEPTH OF SHOT 20 CHARGE SIZE 16x10<sup>#</sup>

HOLE PATTERN IN LINE MON.      PBK. ✓ TAPE No. 43468

RECORDING

INST TYPE GA-33

FILTERS 0-65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660

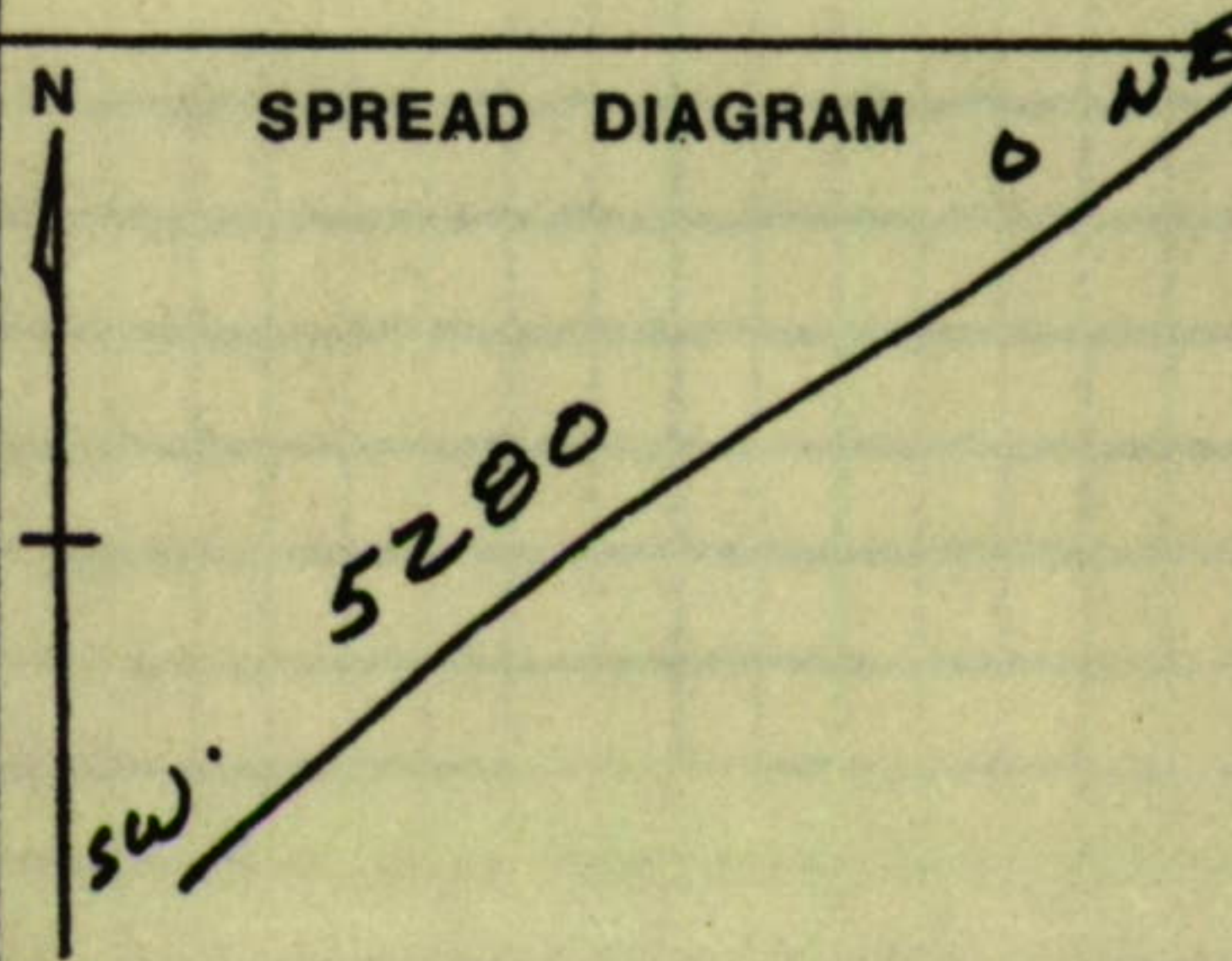
SPREAD TYPE 0-5280

PLAYBACK

FILTERS 20-65

AGC SLOW

Vc.....  
Elev. 1107.7 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES** PTY LTD

DATE SEPT. 28.71

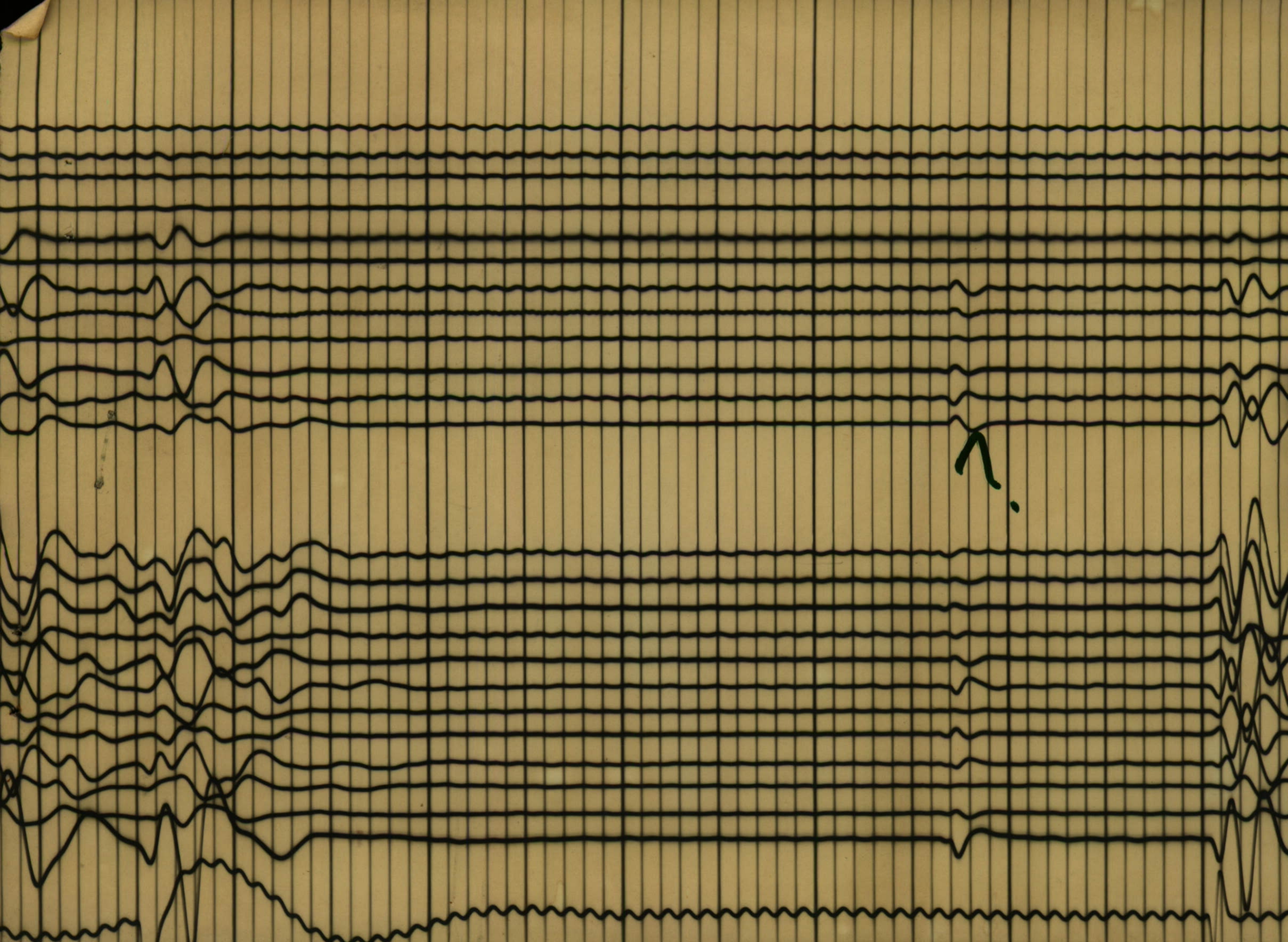
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TIE S.P. 4317 DIR SW

HOLE LOG







HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4308 LINE 820SHOT No. A DEPTH OF SHOT 20 CHARGE SIZE 6x5HOLE PATTERN INLINE MON.      PBK. ☒ TAPE No. 53469

## RECORDING

INST TYPE GA-33FILTERS 1/20-1/65AGC SLOWGEO/TRACE 12TRACE INT. 220SHOT POINT INT. 660SPREAD TYPE 0-5280

## PLAYBACK

FILTERS 1/20-1/65AGC SLOW

Vc.....  
Elev..... Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....

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SPREAD DIAGRAM

SHOT BY:

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24TIE S.P.      DIR



5308

5 Comp.

B shot

4308

5 # @ 20'

5 Comp



5308

4 Comp.



Bdsh

SP 5 308  
Comp.



B Spot

B Spot 2 Comp.  
5308



~~that time  
100 200~~

3 Comp

L-820- SP4308

C 560T

645 Comp 10'



2 Comp

4308 "C"



6-11-12

4308.

"C"



6 Comp.

L-820- SP 4308

6x10#@20'



3 COMP.

3 X 10" @ 20'

L-820-SP 4308.



2 COMP

L-820 S P. 4308.  
2x10" @ 20'



A-51407

L-820 SP 4308.

1x10<sup>4</sup> @ 20'



HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 48<sup>3</sup>14 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53492

## RECORDING

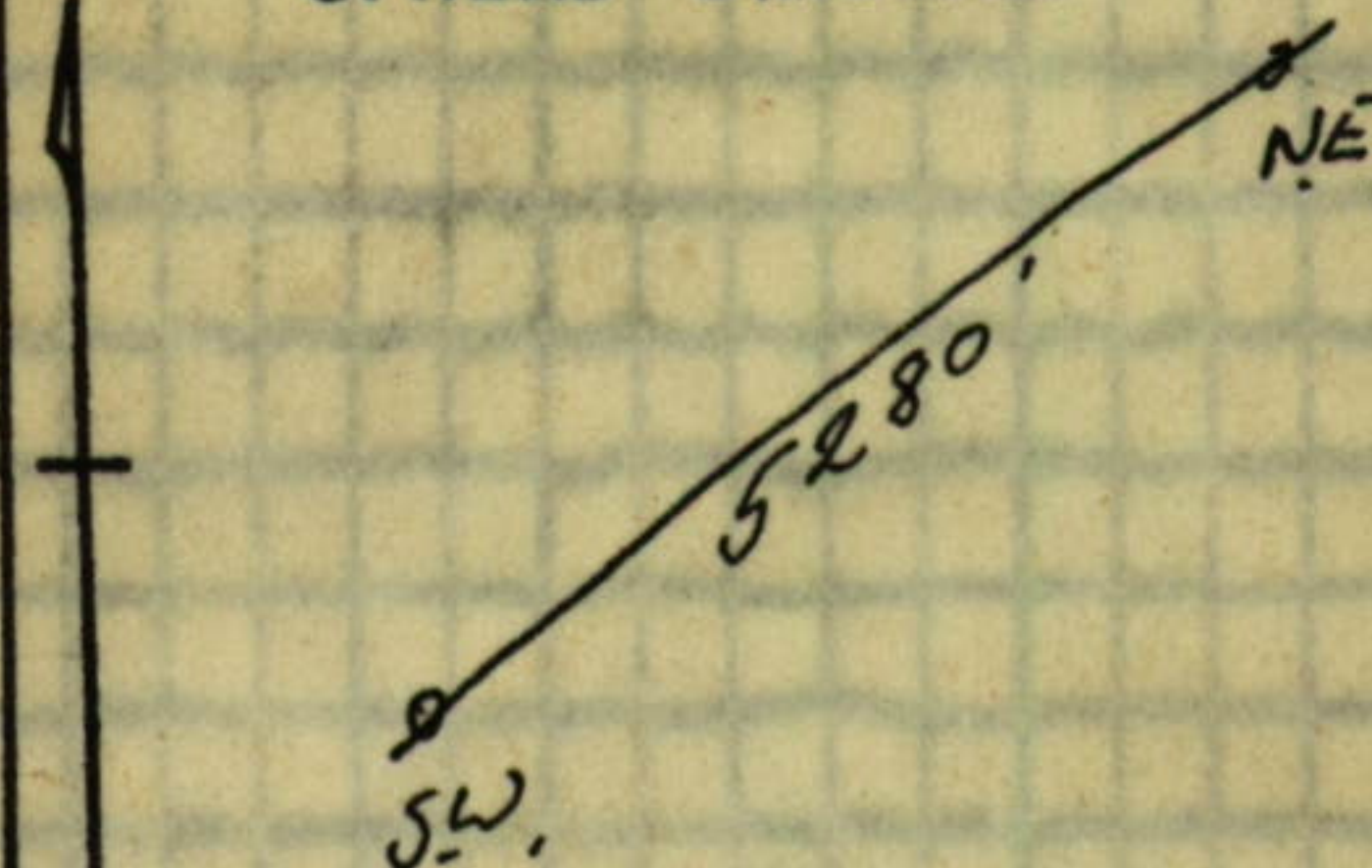
INST TYPE GA-33FILTERS 1/0 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC ---

Vc. ....  
Elev. 1093.5 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D ---

## SPREAD DIAGRAM



SHOT BY:

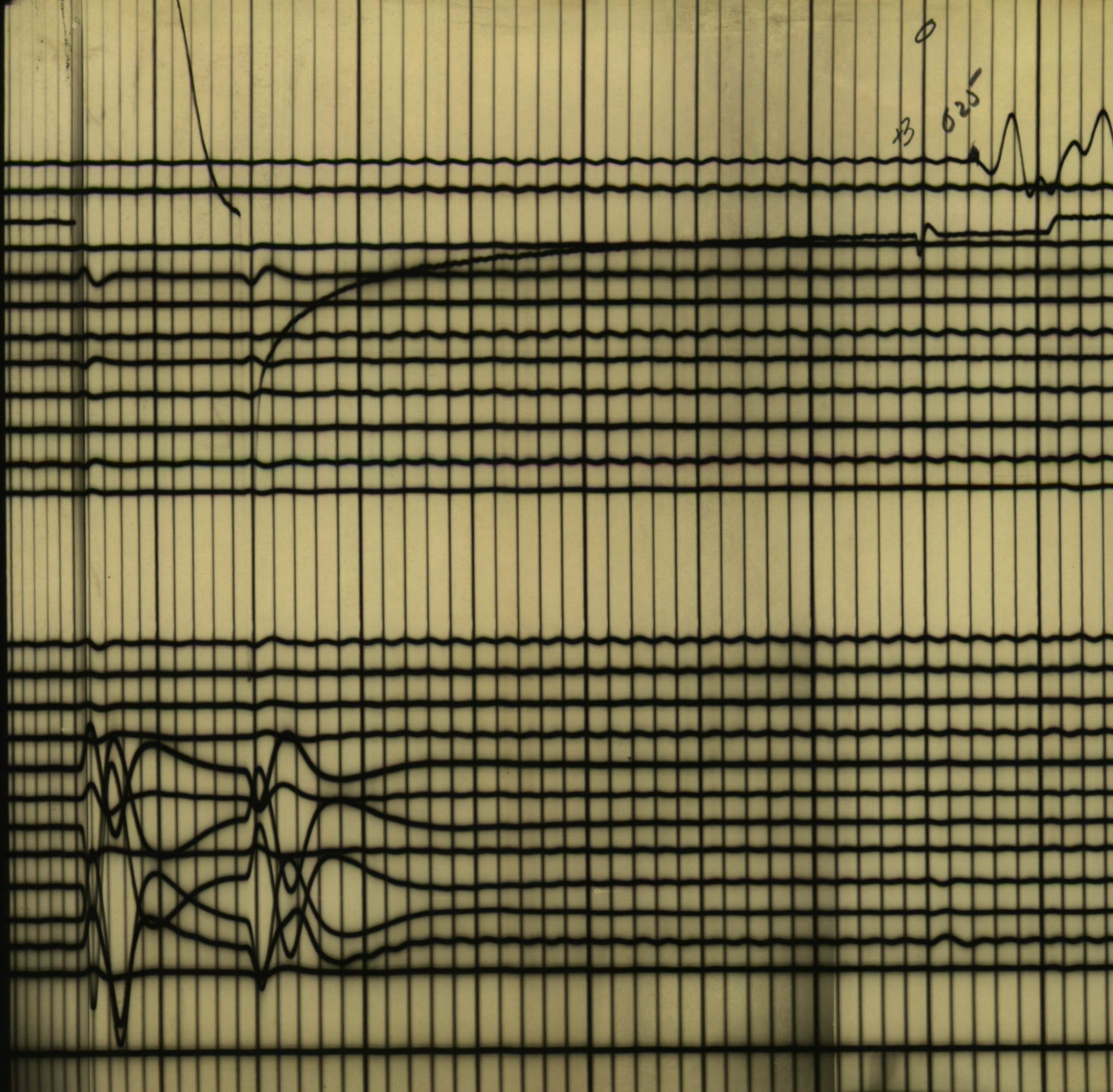
**GES** PTY LTDDATE 1ST OCT '71TIE S.P. --- DIR ---1  
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24TIE S.P. 4326 DIR SW



13

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CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4317 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53493

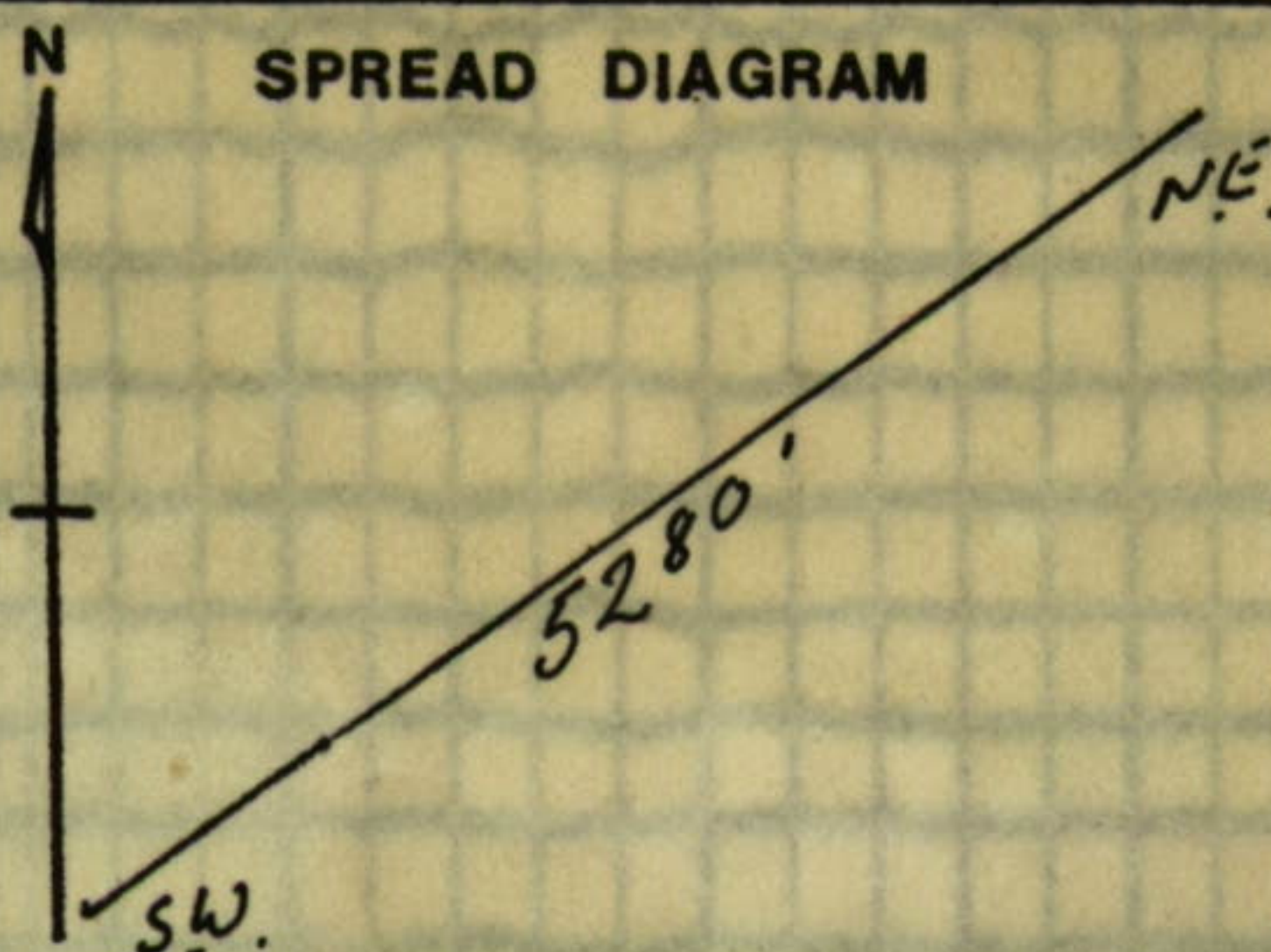
## RECORDING

INST TYPE GA-33FILTERS 1/0 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0' - 5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....  
Elev. 1109.2 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D .....



SHOT BY:

**GES**

PTY LTD

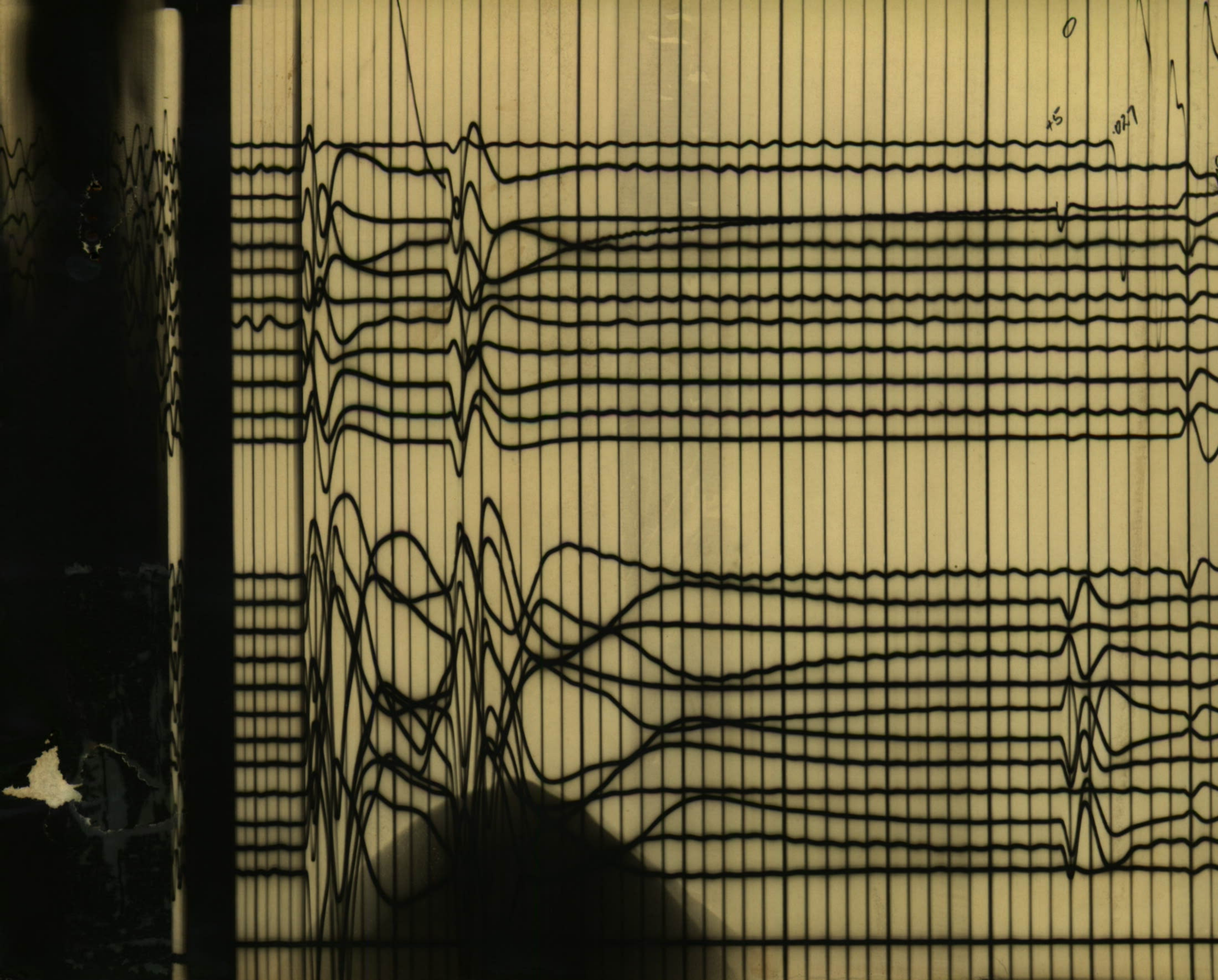
DATE 1<sup>ST</sup> OCT '71

TIE S.P. .... DIR. ....

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TIE S.P. 4329 DIR SW







CLIENT

HARTOGEN

PROSPECT

COOTABYNIA

STATE

QLD

S.P.

4320

LINE

820

SHOT No.

A

DEPTH OF SHOT

20'

CHARGE SIZE

6 x 5#

HOLE PATTERN

IN LINE

MON.

PBK.

✓

TAPE No.

53494

## RECORDING

INST TYPE

GA-33

FILTERS

1/0 1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0-5060

MISPATCH 0-1 TRACE

## PLAYBACK

FILTERS

1/20 1/65

AGC

Vc.....

Elev. 1114.9

Tsd.....

Ds.....

Tuh.....

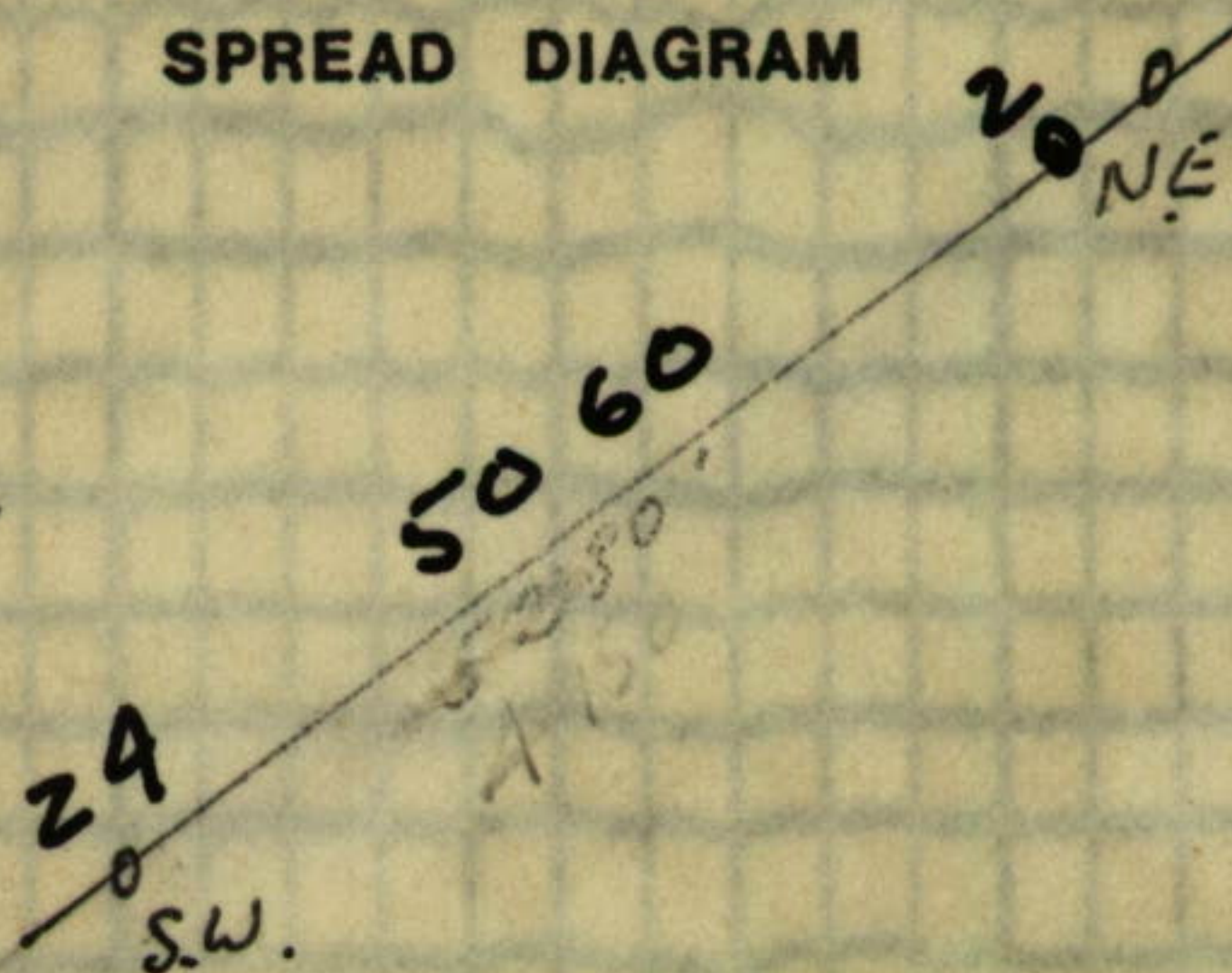
Es.....

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## SPREAD DIAGRAM



SHOT BY:

GES

PTY LTD

DATE 1<sup>ST</sup> OCT '71

TIE S.P. DIR

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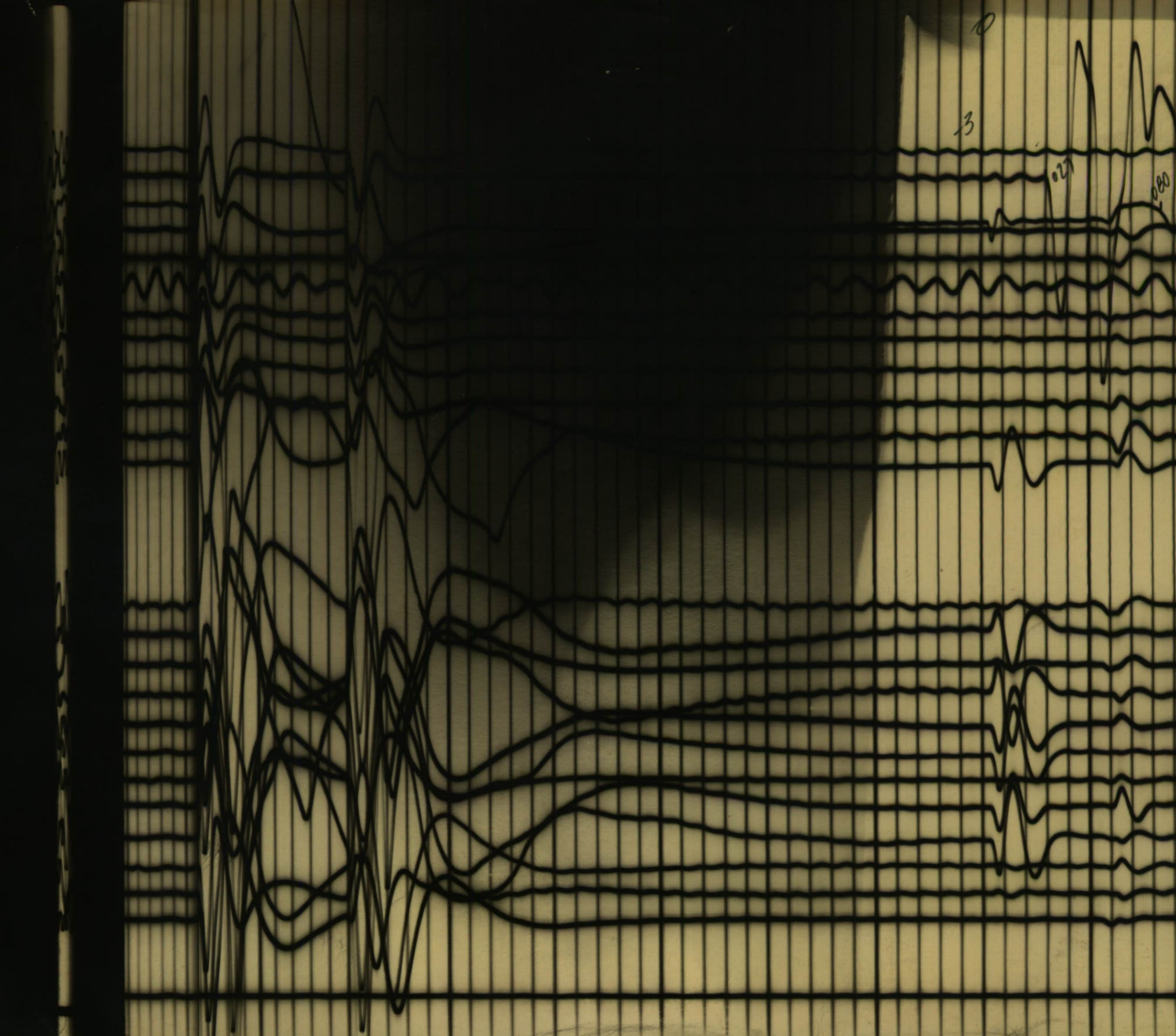
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TIE S.P. 4332 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLD

S.P.

4323

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53495

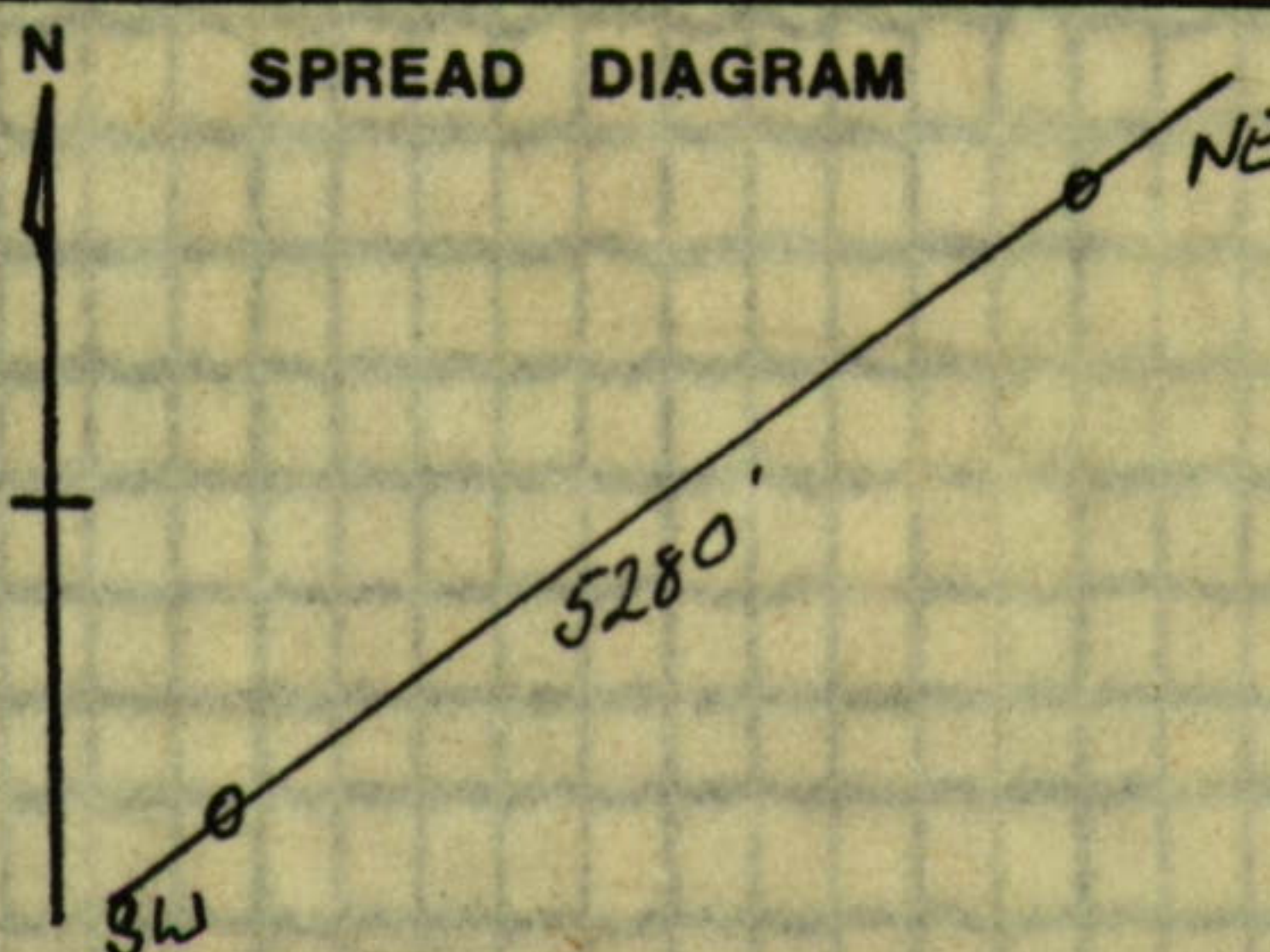
## RECORDING

INST TYPE GA-33FILTERS 1/0 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/0 1/65AGC SLOW

V<sub>c</sub> .....  
 Elev. 1117.3 Tsd .....  
 Ds ..... Tuh .....  
 Es .....  
 Dtm .....  
 S-D .....



SHOT BY:

**GES**

PTY LTD

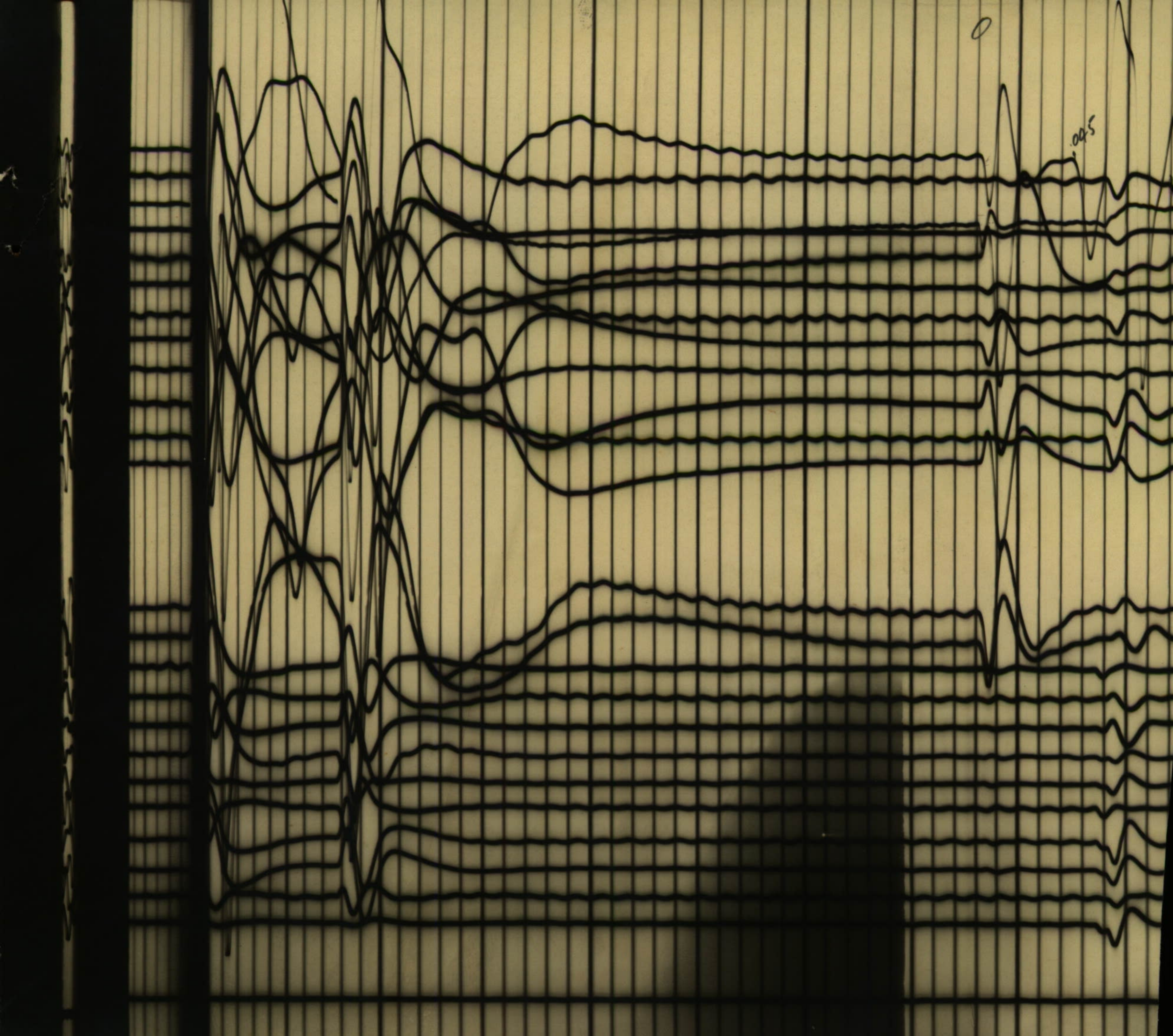
DATE OCT 1<sup>ST</sup> '91

TIE S.P. .... DIR .....

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TIE S.P. 335 DIR .....







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4326 LINE 820SHOT No. A DEPTH OF SHOT 20 CHARGE SIZE 6 X 5 #HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53496

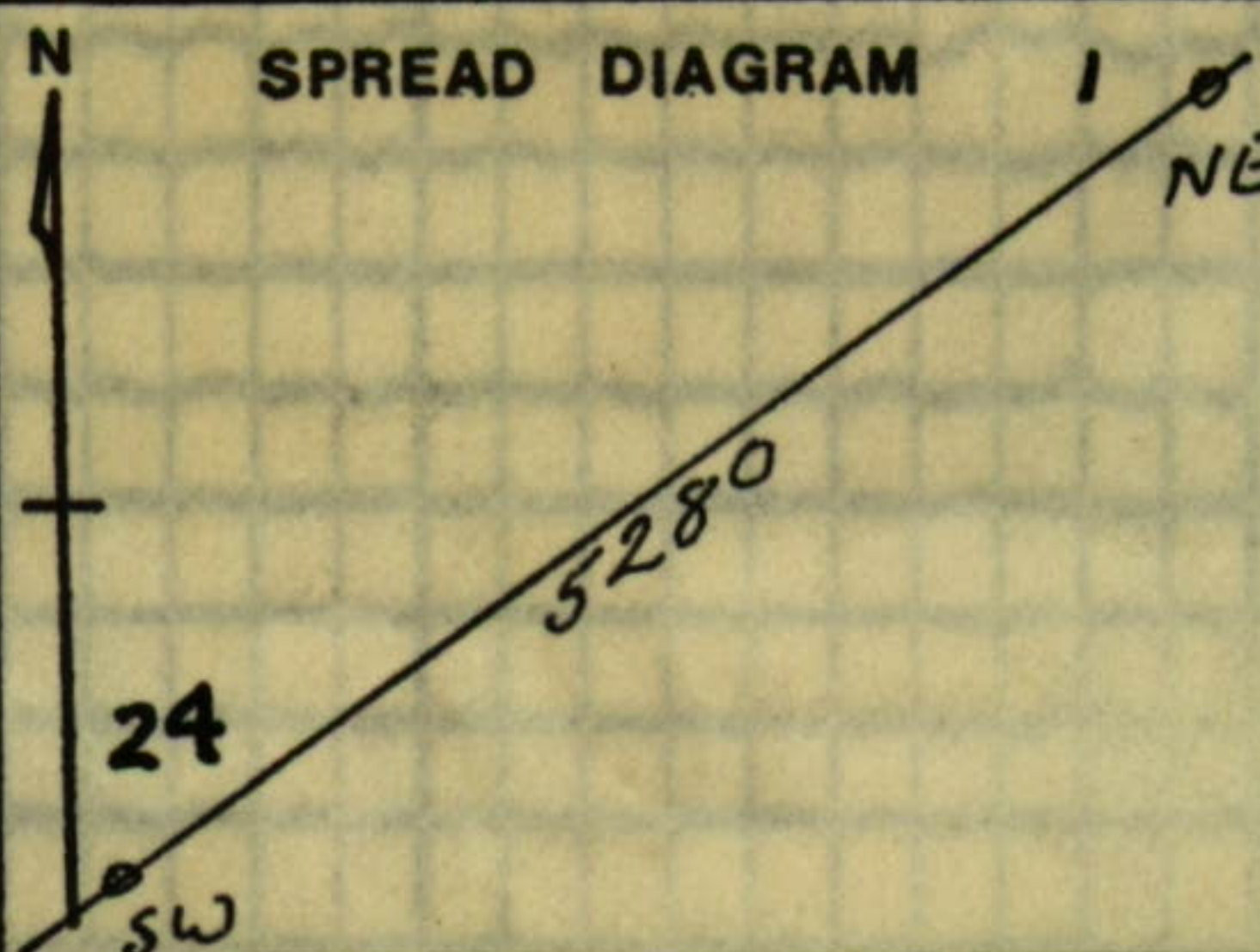
## RECORDING

INST TYPE GA-33FILTERS 0 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

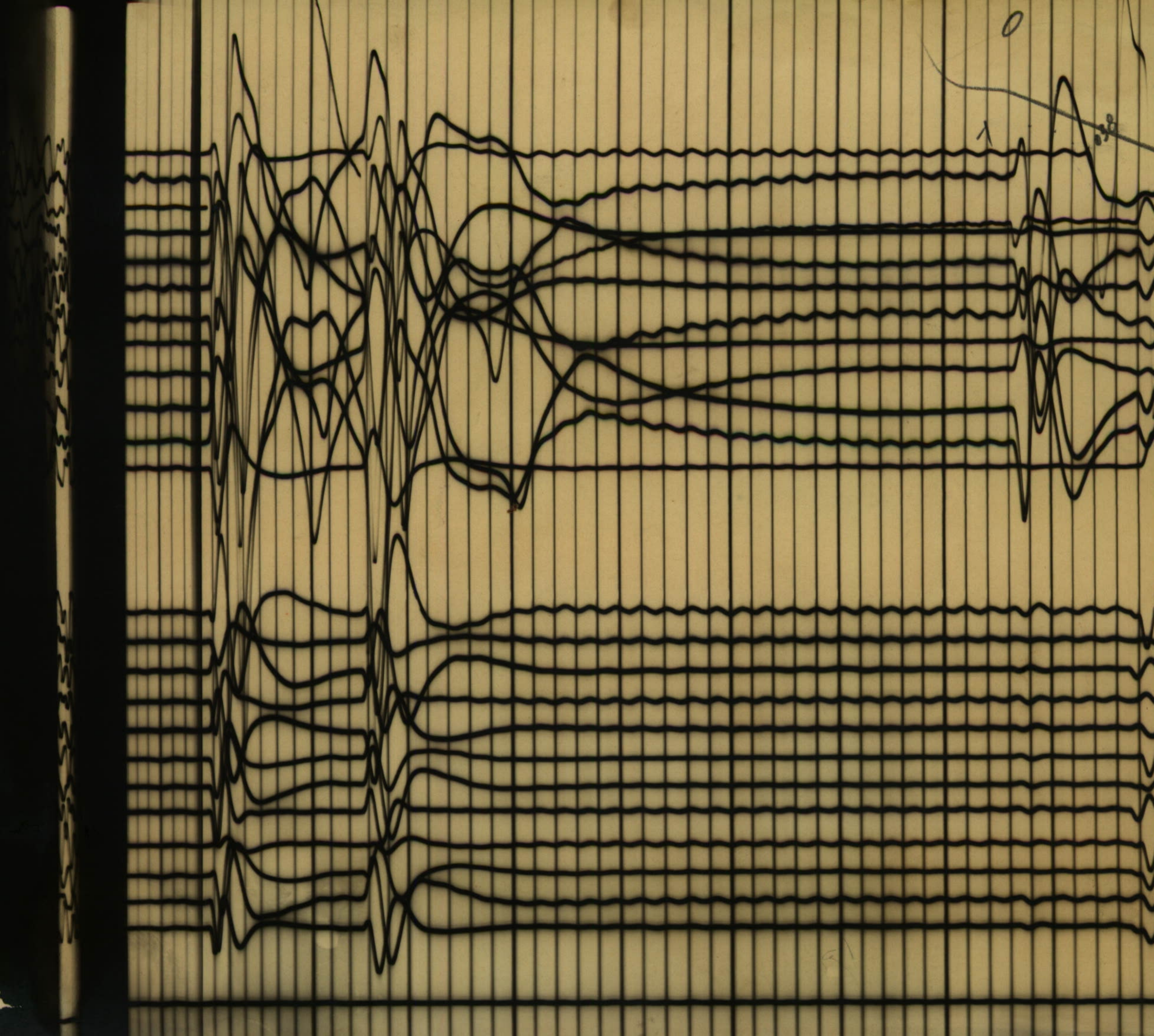
Vc.....  
Elev 1120.2 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES** PTY LTDDATE 1<sup>ST</sup> OCT '71TIE S.P. 4338 DIR SW1  
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24TIE S.P. 4338 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLD

S.P.

4332

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53497

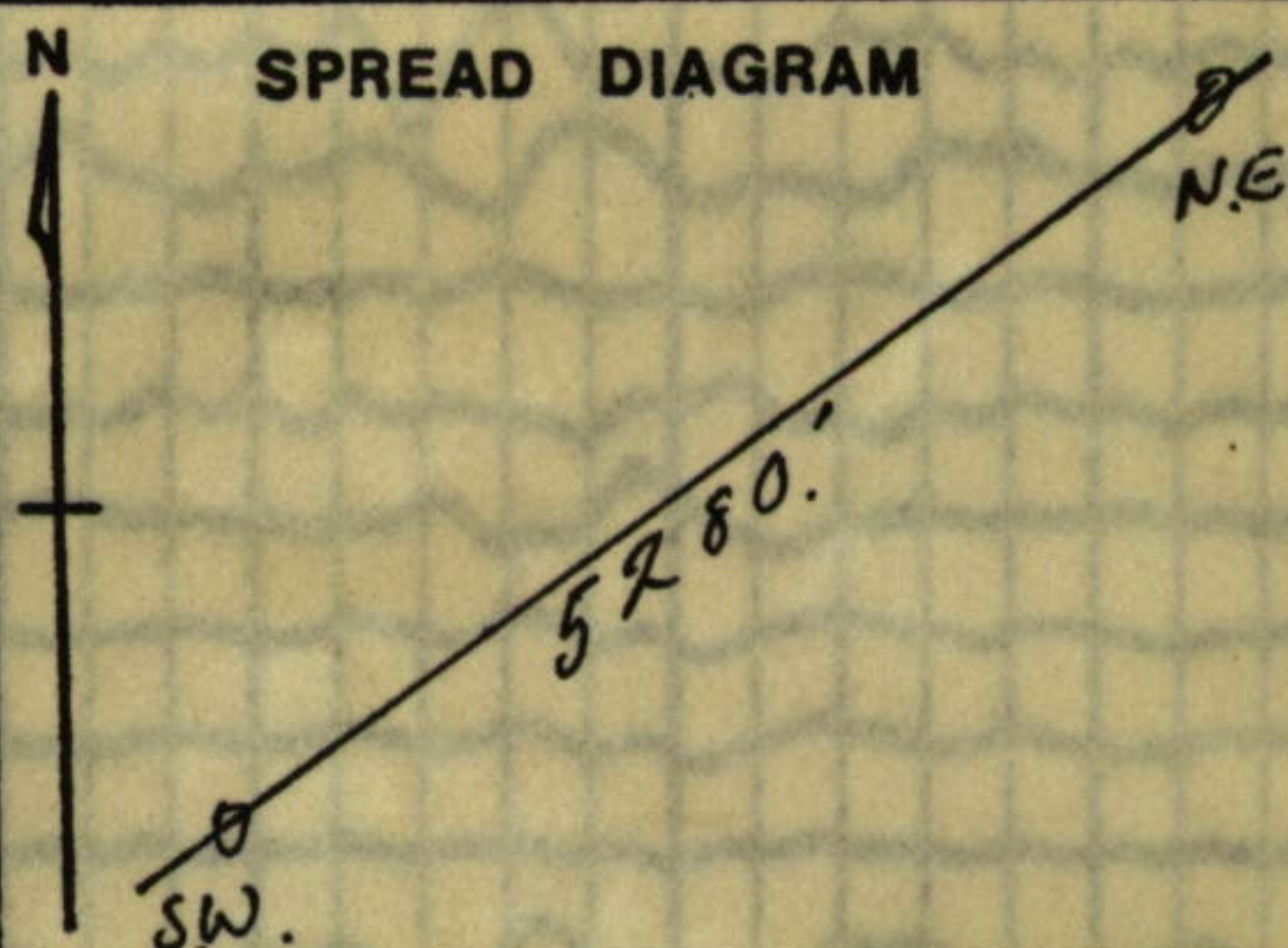
## RECORDING

INST TYPE GA-33FILTERS 10 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

V<sub>c</sub> .....  
 Elev. 1143.7 Tsd .....  
 Ds ..... Tuh .....  
 Es .....  
 Dtm .....  
 S-D .....



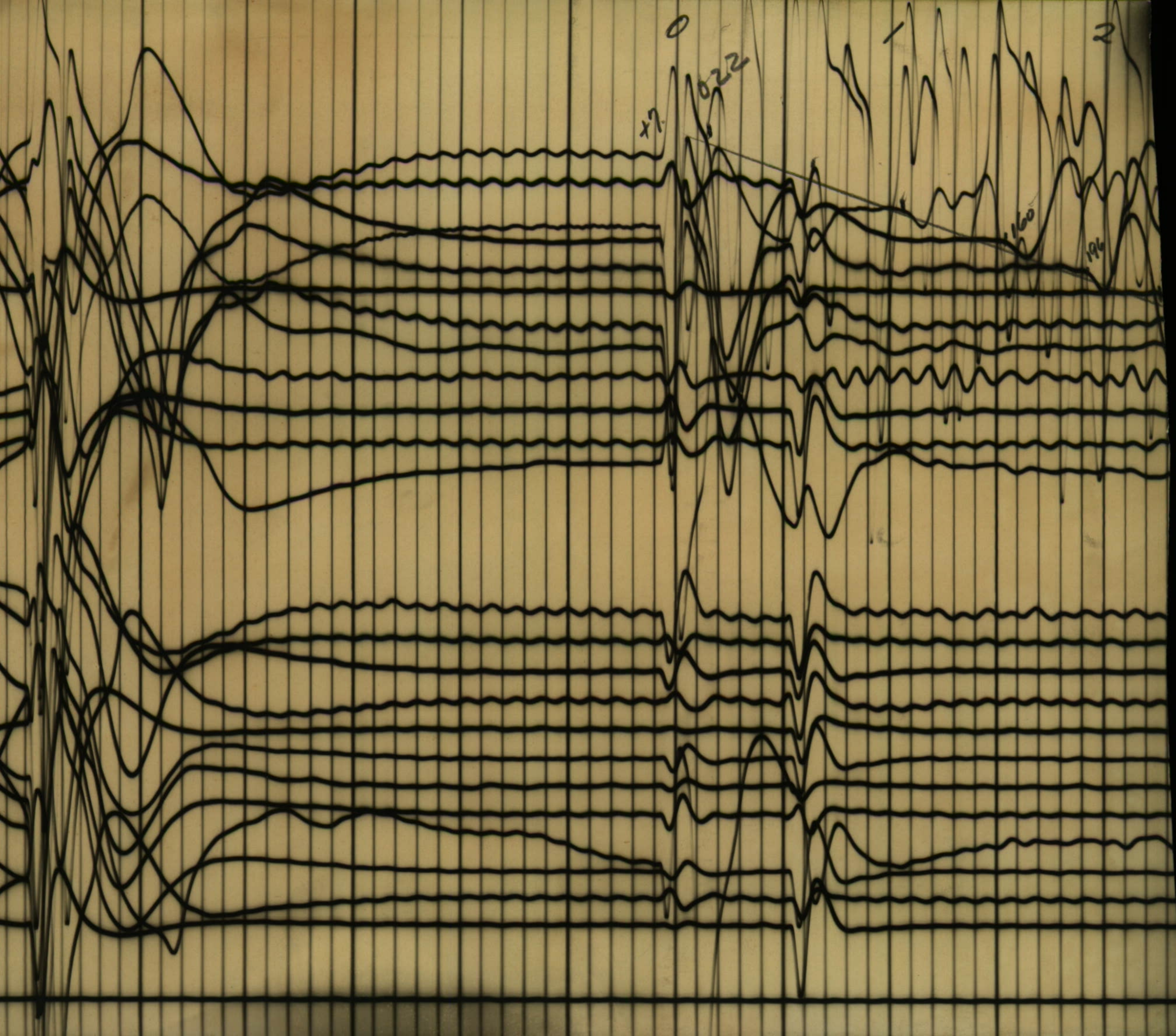
SHOT BY:

**GES**

PTY LTD

DATE 1<sup>ST</sup> OCT '71TIE S.P. 4332 DIR SW1  
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24TIE S.P. 4332 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLOS.P. 4335 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53498

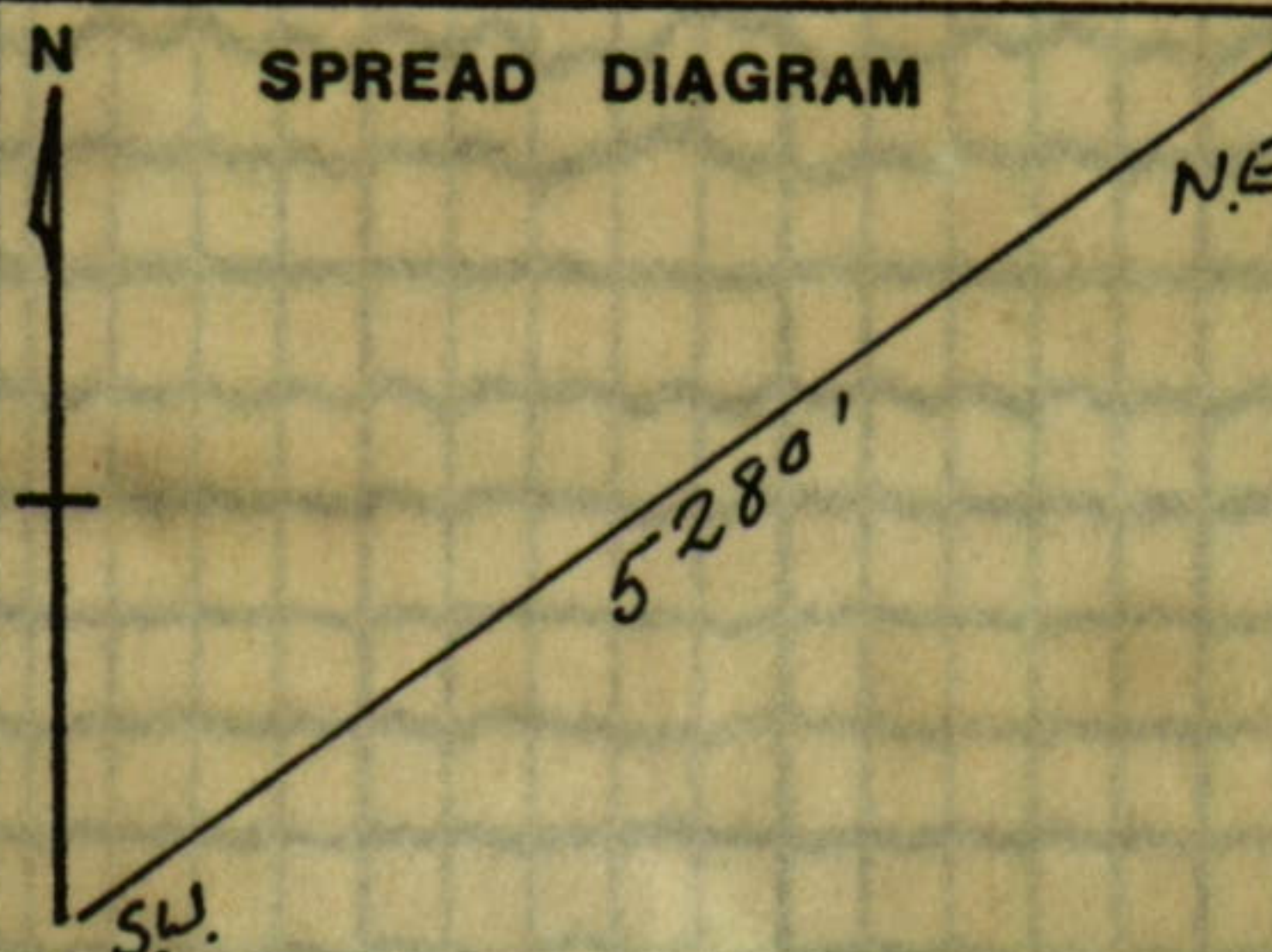
## RECORDING

INST TYPE GA-33FILTERS 1/0 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....  
Elev. 1156.7 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D .....



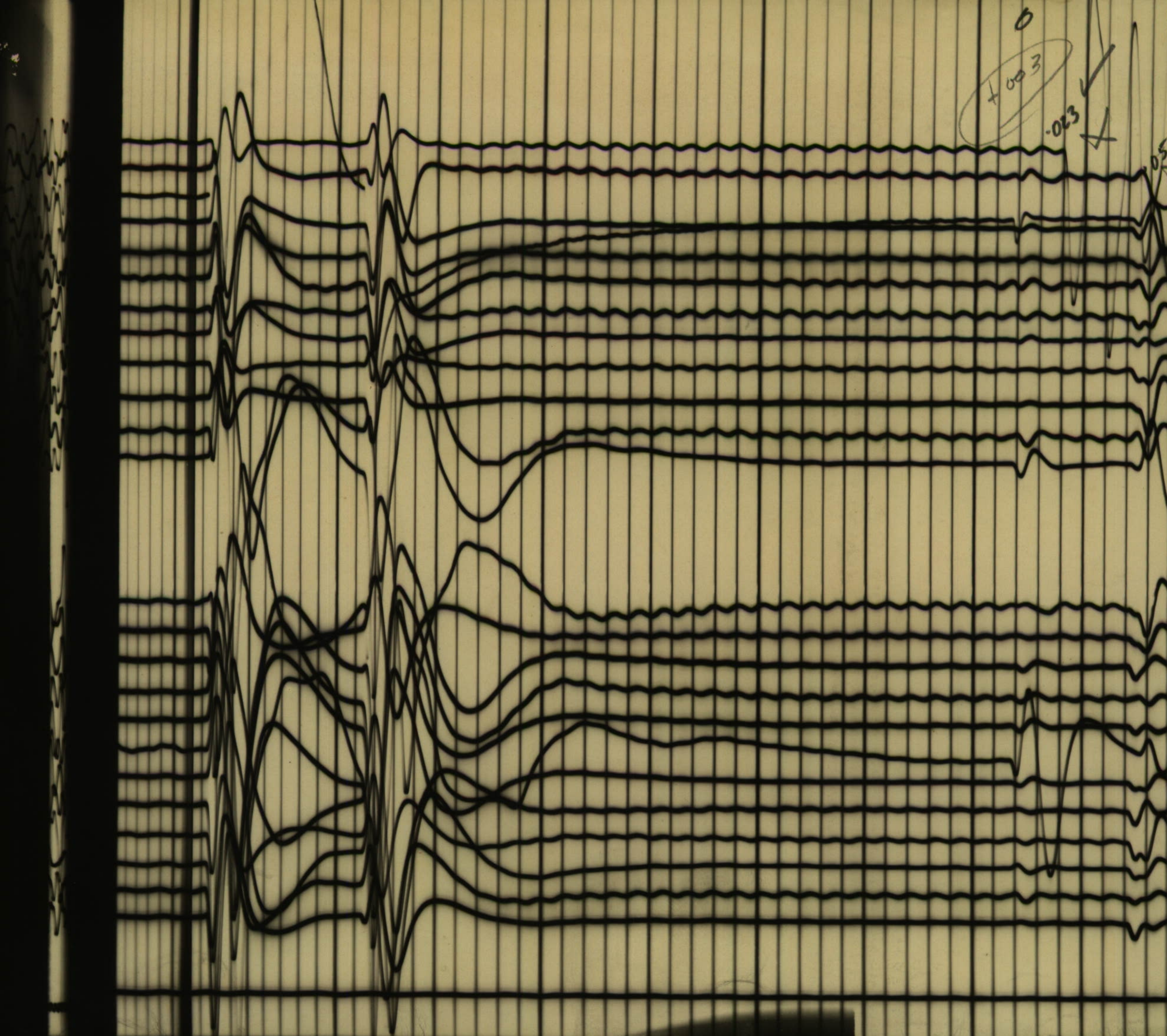
SHOT BY:

**GES** PTY LTDDATE 1ST OCT. '71

TIE S.P. .... DIR. ....

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24TIE S.P. A347 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4338 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5<sup>#</sup>HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53499

## RECORDING

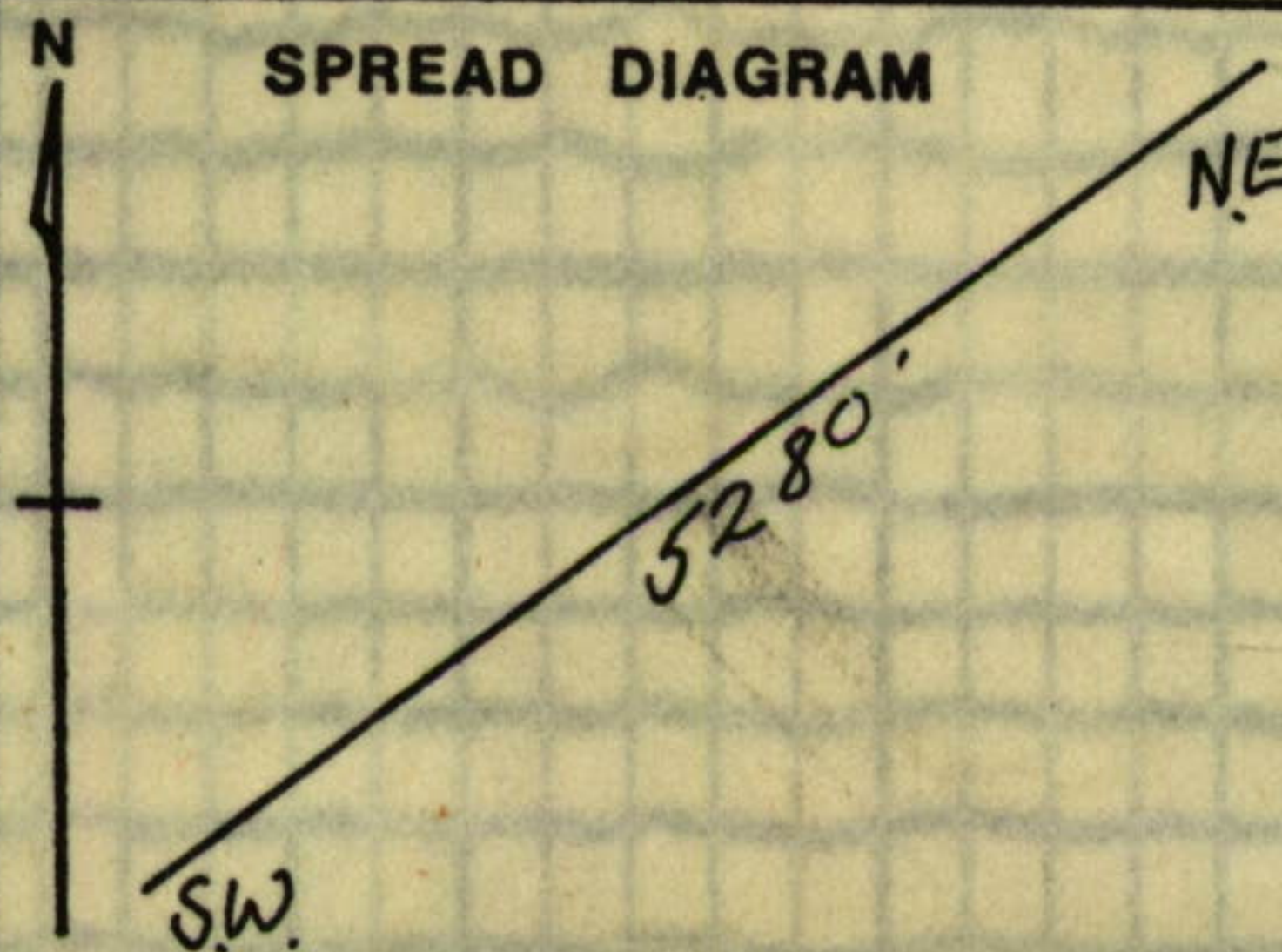
INST TYPE GA-33FILTERS 1/0 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'—5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

V<sub>c</sub>.....  
 Elev. 1148.9 Tsd.....  
 Ds..... Tuh.....  
 Es.....  
 Dtm.....  
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## SPREAD DIAGRAM



SHOT BY:

**GES**

PTY LTD

DATE 2<sup>ND</sup> OCT. '71

TIE S.P. .... DIR. ....

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24TIE S.P. A35P DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4341 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#

HOLE PATTERN 20' SPACE IN LINE MON. ✓ PBK. ✓ TAPE No. 53500

### RECORDING

INST TYPE GA-33

FILTERS OUT 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

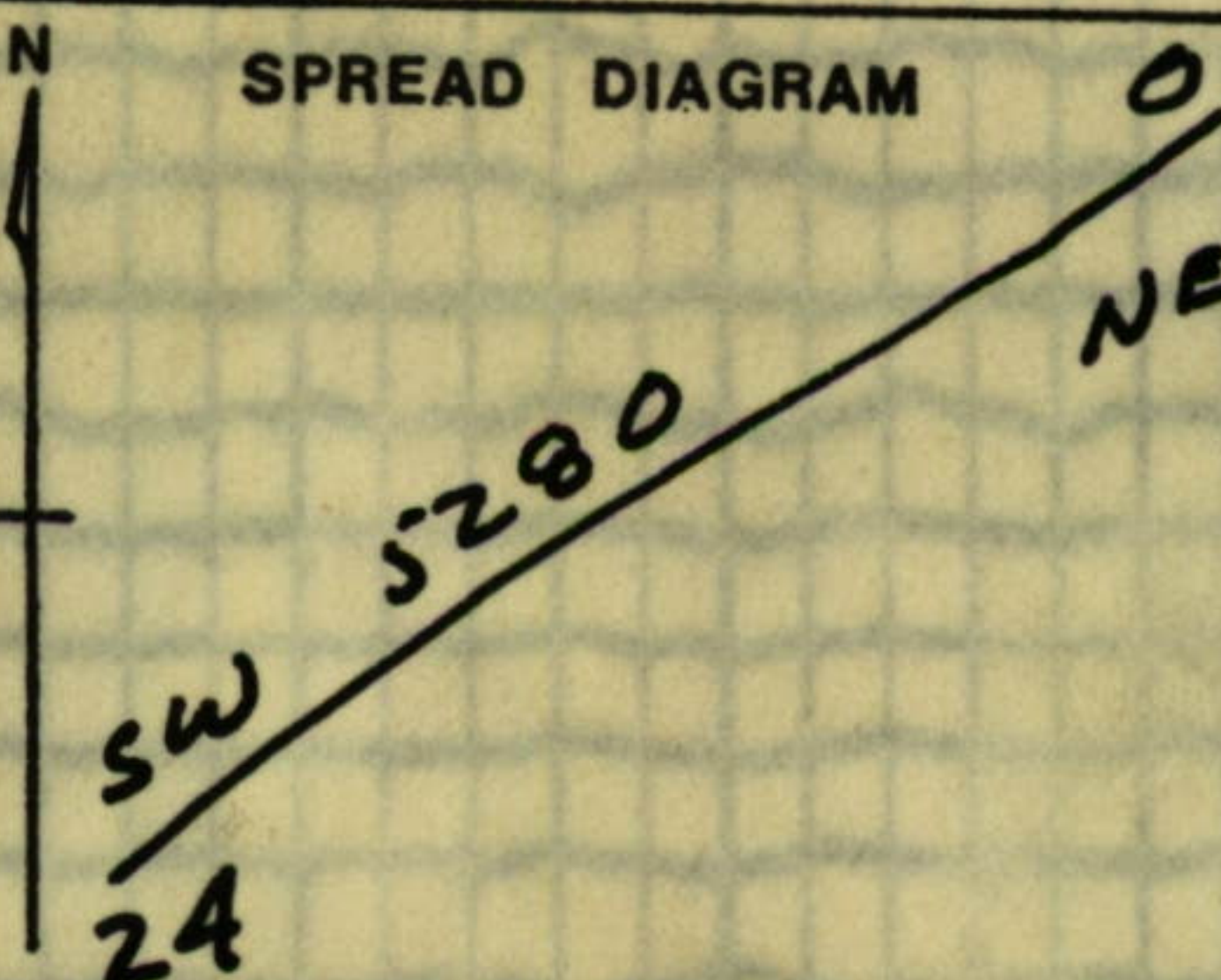
SPREAD TYPE 0'-5280'

### PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc  
Elev. 1143.3 Tsd  
Ds Tuh  
Es  
Dtm  
S-D



SHOT BY:

**GES** PTY LTD

DATE 2<sup>ND</sup> OCT '71

TIE S.P. --- DIR ---

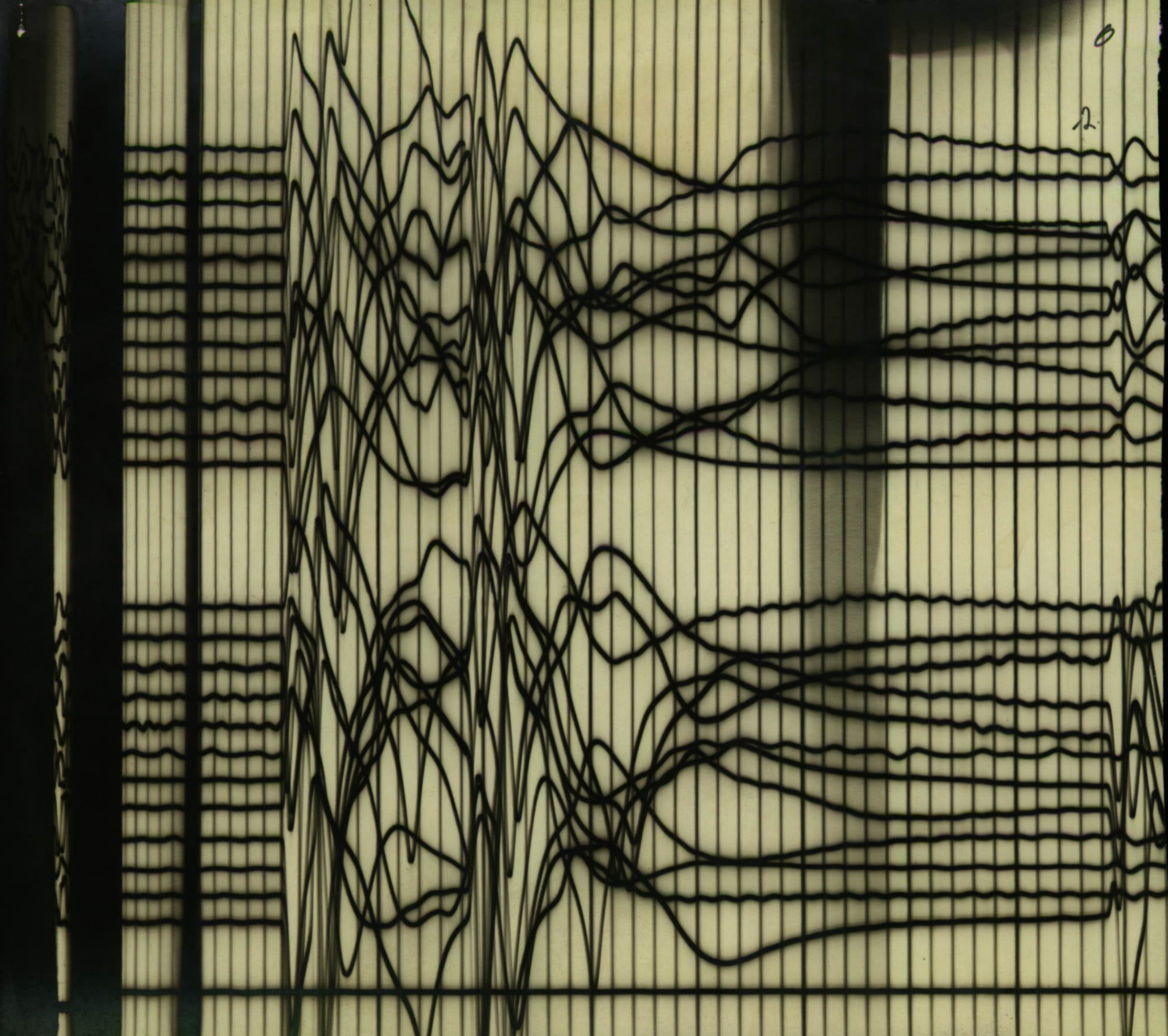
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TIE S.P. A35P DIR SW



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CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4344 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5"

HOLE PATTERN IN LINE MON.  PBK. ✓ TAPE No. 53501

### RECORDING

INST TYPE GA-33

FILTERS 0-65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220

SHOT POINT INT. 660'

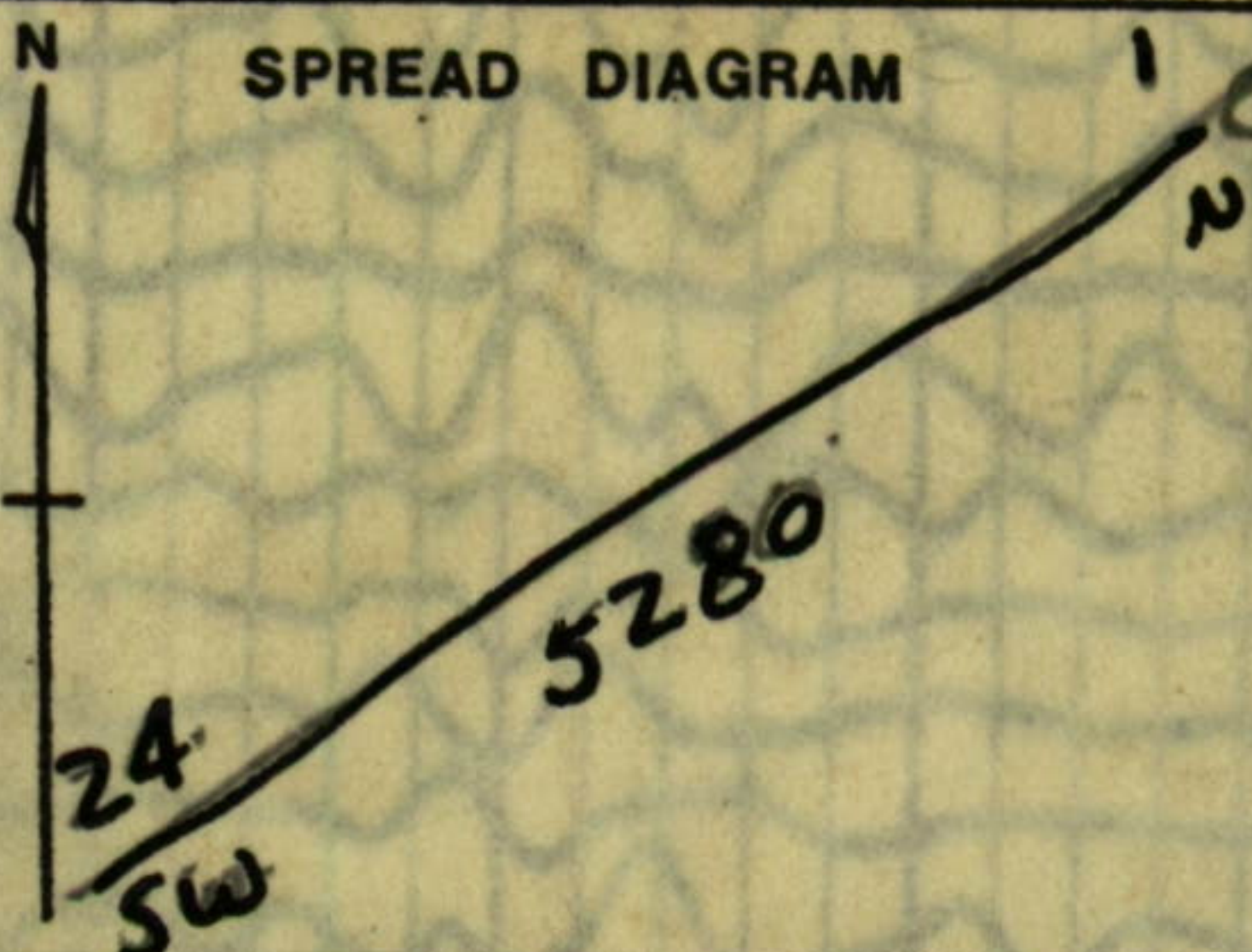
SPREAD TYPE 0-5280

### PLAYBACK

FILTERS 1/20-6/65

AGC SLOW

Vc. ....  
Elev. 1144.0 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D                     



SHOT BY:

**GES** PTY LTD

DATE OCT-2-71

TIE S.P.

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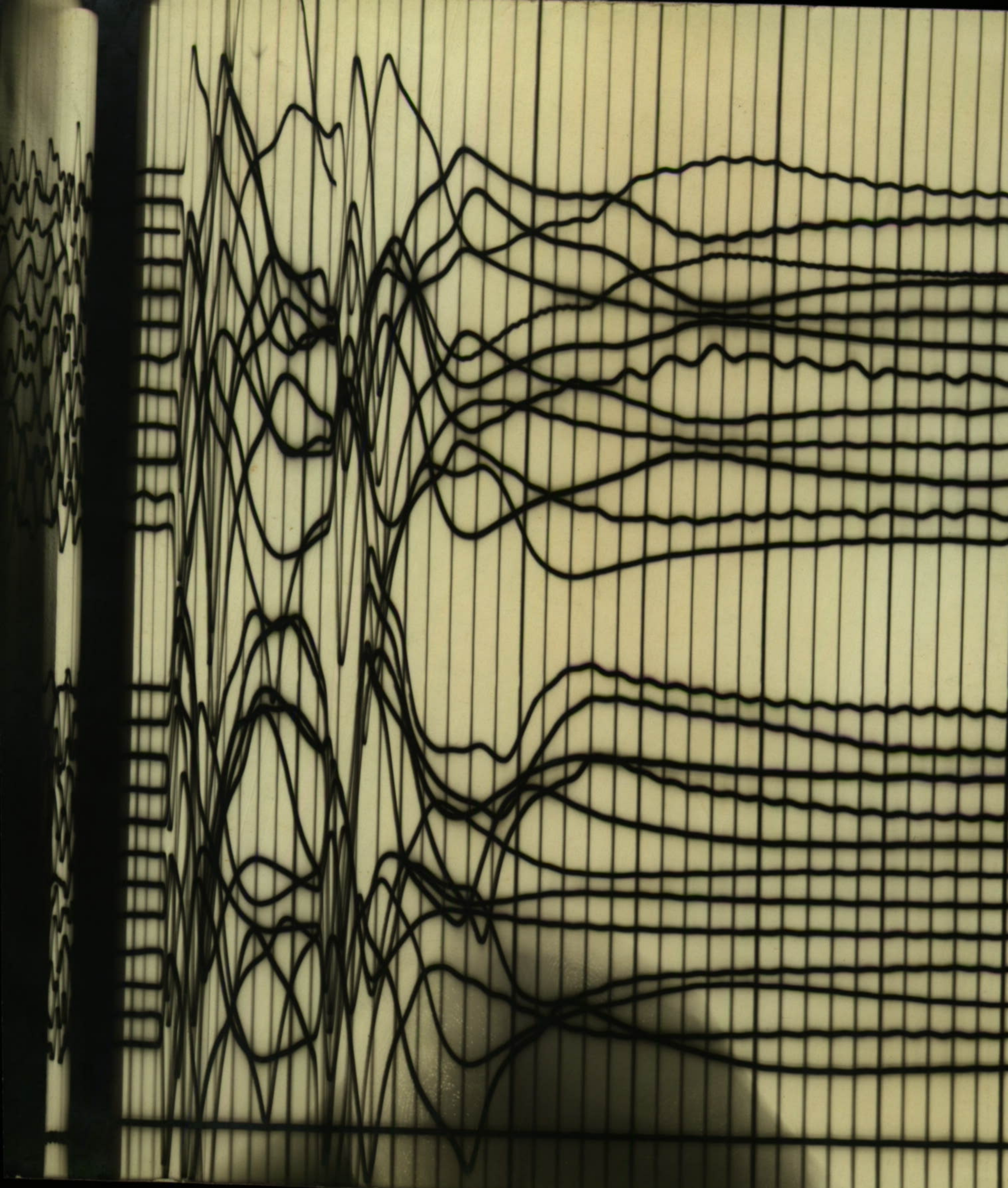
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TIE S.P.

HOLE LOG







CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE OLD

S.P.

4344

LINE

820

SHOT No. B

DEPTH OF SHOT 112

CHARGE SIZE 3x10#

HOLE PATTERN

MON. 116'

PBK. ☒

TAPE No. 53502

RECORDING

INST TYPE GA-33

FILTERS OUT

65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

SPREAD TYPE 0' - 5280'

PLAYBACK

FILTERS 1/20

1/65

AGC SLOW

Vc. ....

Elev. ....

Tsd. ....

Ds. ....

Tuh. ....

Es. ....

Dtm. ....

S-D. ....

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SPREAD DIAGRAM

NE

5280'

SW

SHOT BY:

**GES**

PTY LTD

DATE 2<sup>ND</sup> OCT '71

TIE S.P.

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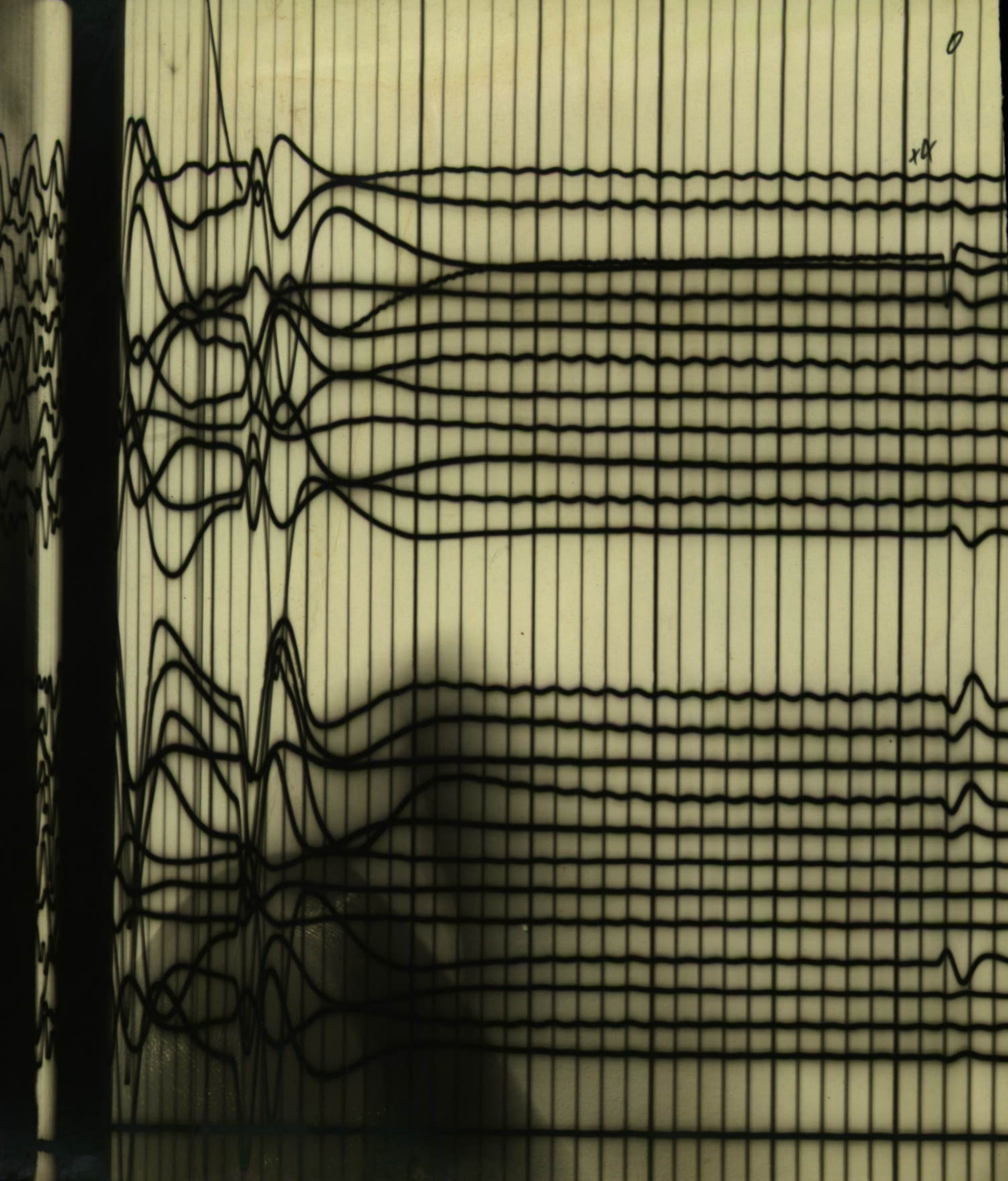
TIE S.P.

HOLE LOG



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CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4347 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53503

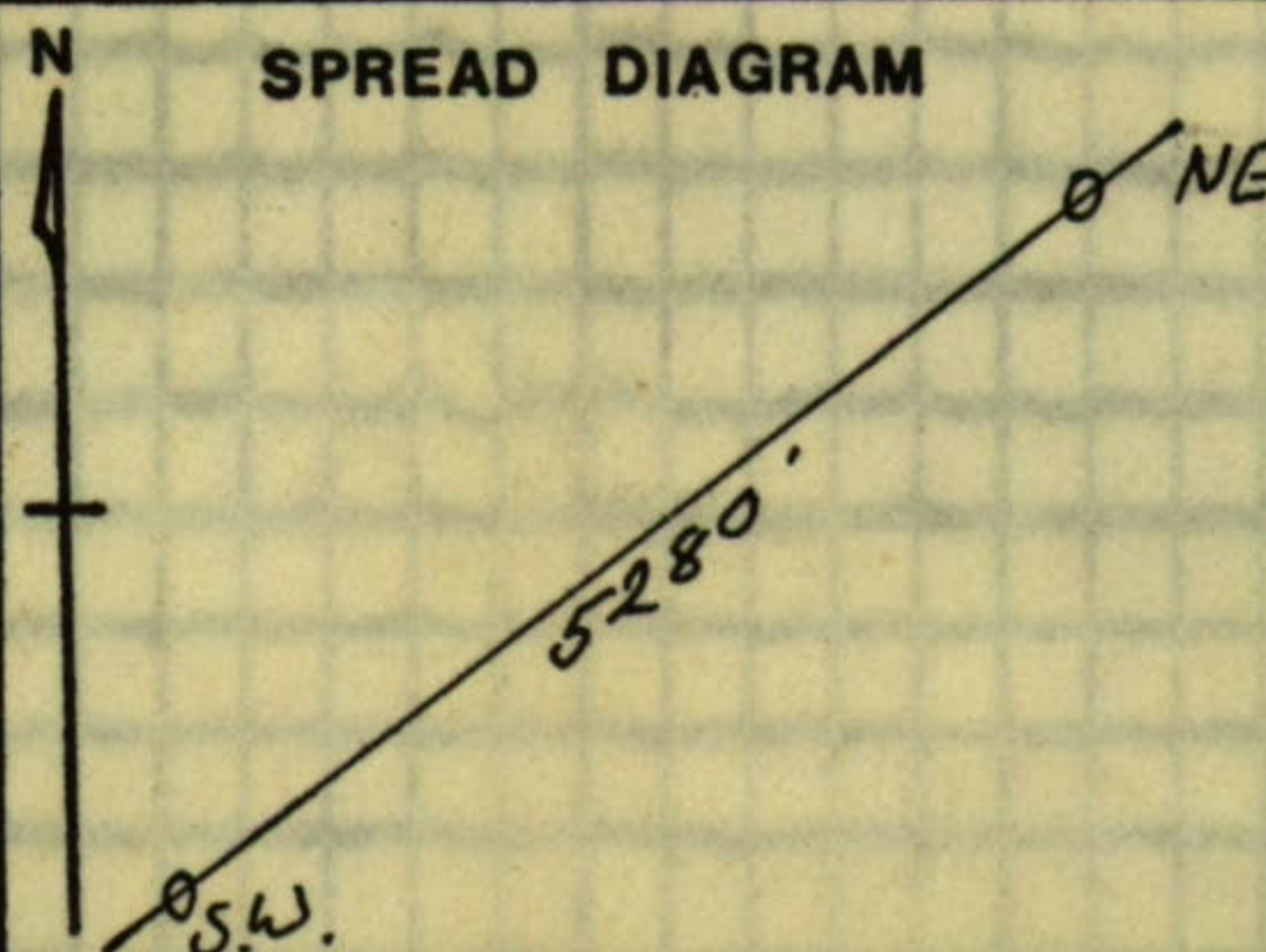
## RECORDING

INST TYPE GA-83FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

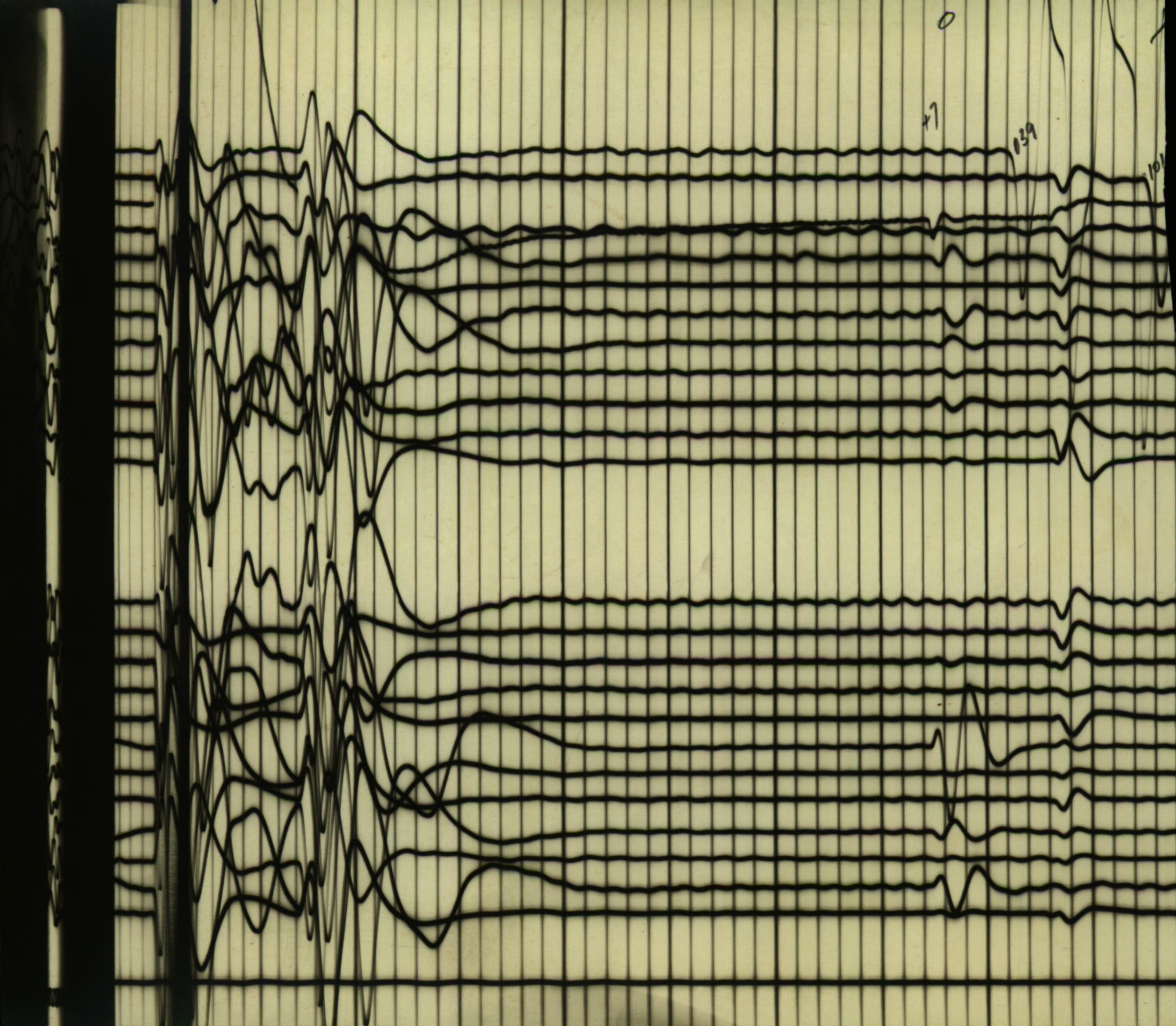
Vc .....  
 Elev. 1154.1 Tsd .....  
 Ds ..... Tuh .....  
 Es .....  
 Dtm .....  
 S-D .....



SHOT BY:

**GES** PTY LTDDATE 2<sup>ND</sup> OCT '71TIE S.P. --- DIR ---1  
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24TIE S.P. 4354 DIR SW







CLIENT

HARTOGEN

PROSPECT

COOTABYNIA

STATE

QLD

S.P.

4350

LINE

820

SHOT No

A

DEPTH OF SHOT

20'

CHARGE SIZE

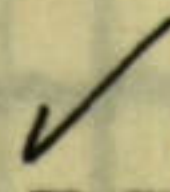
6 X 5#

HOLE PATTERN

IN LINE

MON.

PBK.



TAPE No

53504

## RECORDING

INST TYPE

GA-33

FILTERS

1/20

1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0 - 5280'

## PLAYBACK

FILTERS

1/20

1/65

AGC

SLOW

V<sub>c</sub>.....  
 Elev. 1143.9 Tsd.....  
 Ds..... Tuh.....  
 Es.....  
 Dtm.....  
 S-D.....

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## SPREAD DIAGRAM

NE

5280'

SW

SHOT BY:

GES

PTY LTD

DATE 2<sup>ND</sup> OCT '71

TIE S.P. \_ \_ \_ DIR \_ \_ \_

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TIE S.P. 4350 DIR SW

HOLE LOG

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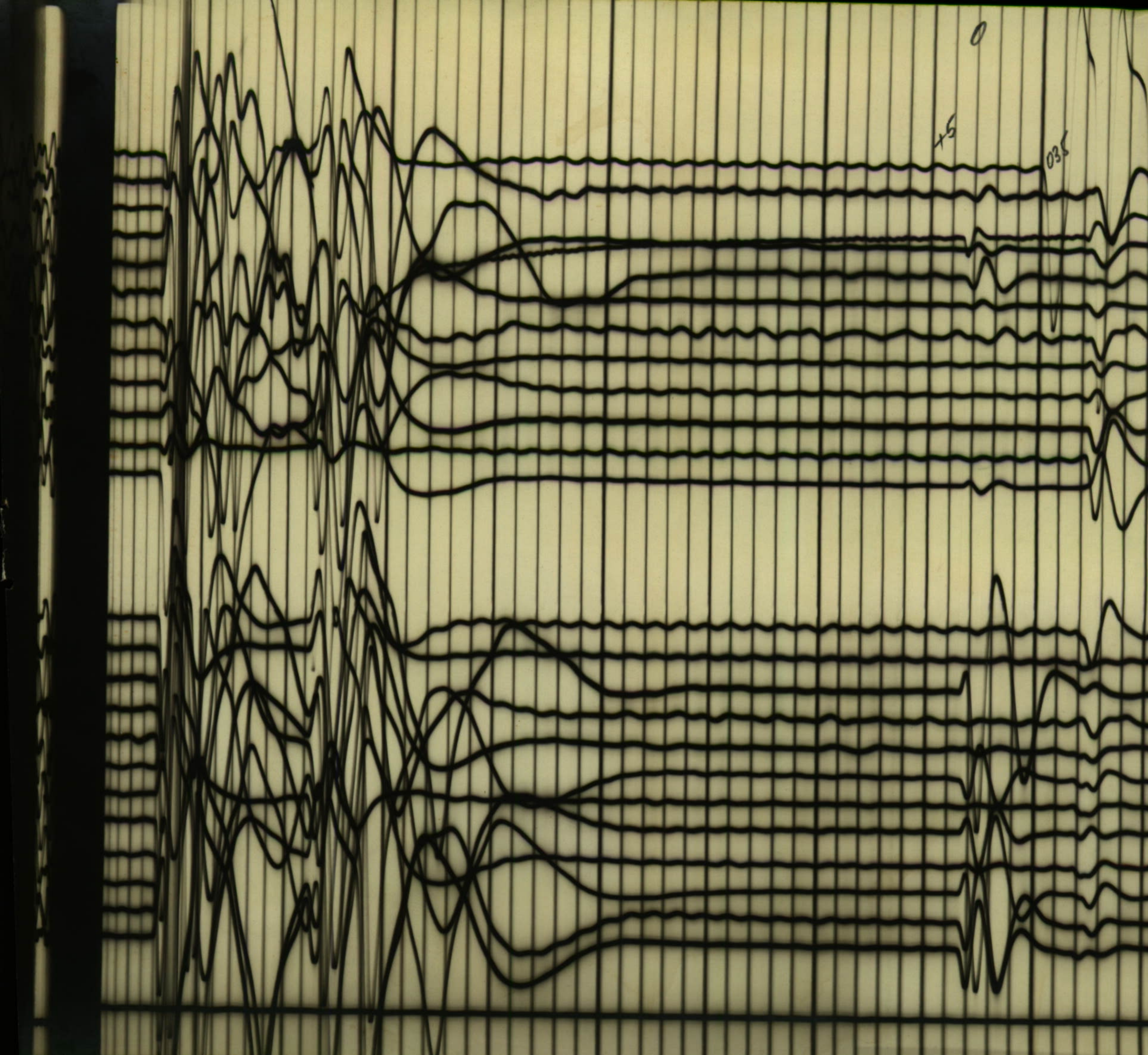
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x5

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CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4353

LINE

820

SHOT No. A DEPTH OF SHOT 20 CHARGE SIZE 6x5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53505

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

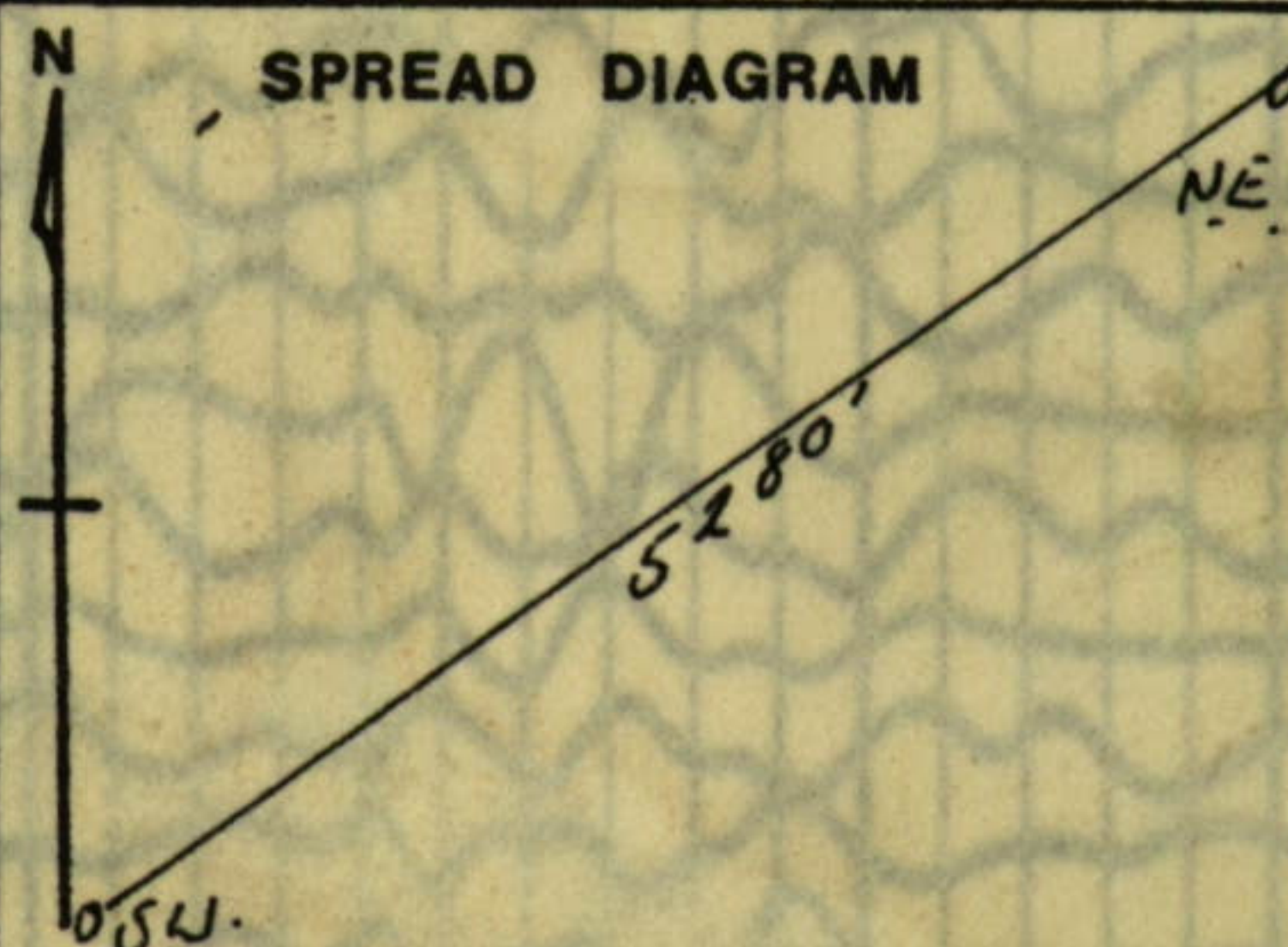
SPREAD TYPE 0'-5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. ....  
Elev. 1146.2 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES**

PTY LTD

DATE 2<sup>ND</sup> OCT '71

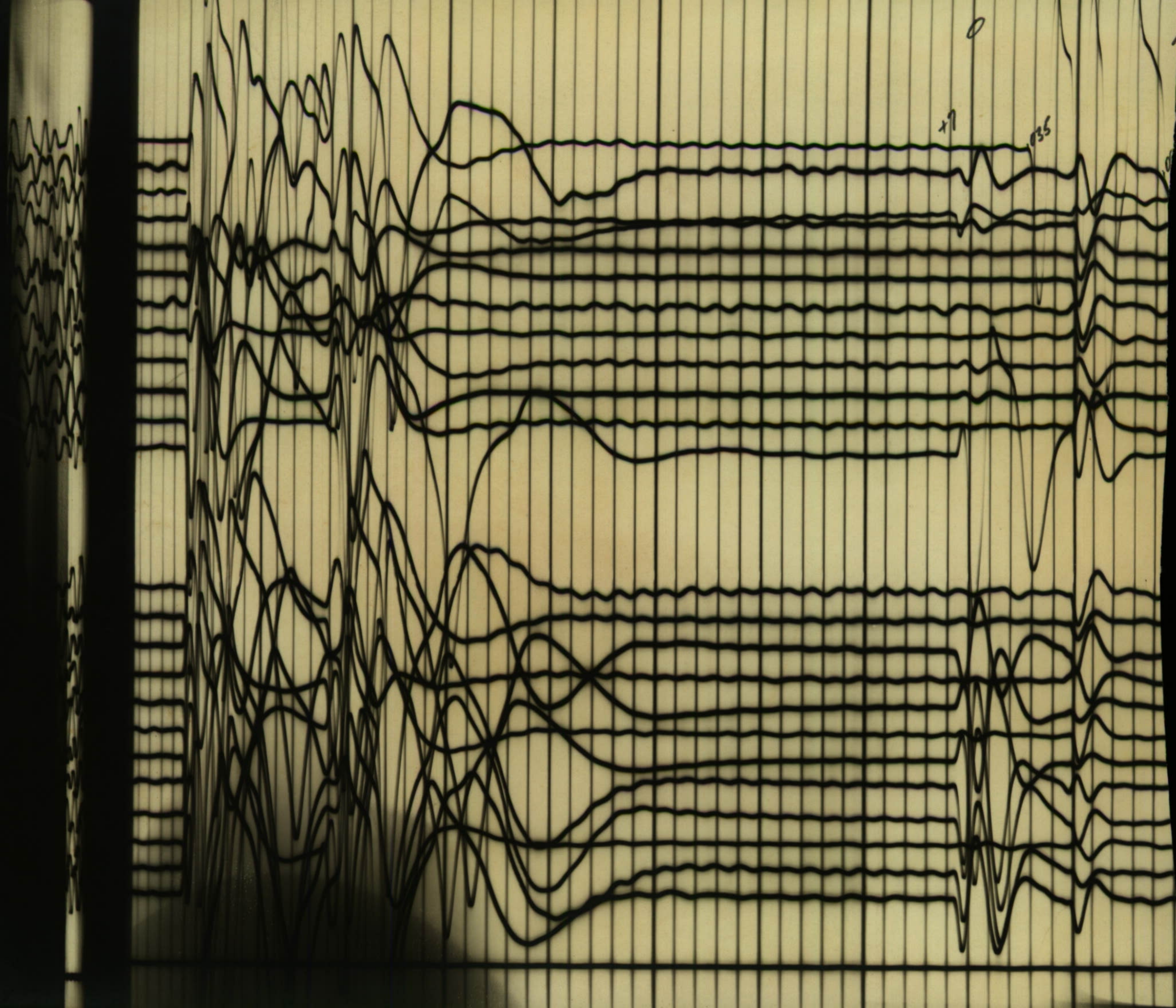
TIE S.P. \_ \_ \_ DIR \_ \_ \_

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TIE S.P. 4365 DIR SW

HOLE LOG







HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4356 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53506

## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0' - 5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc.....

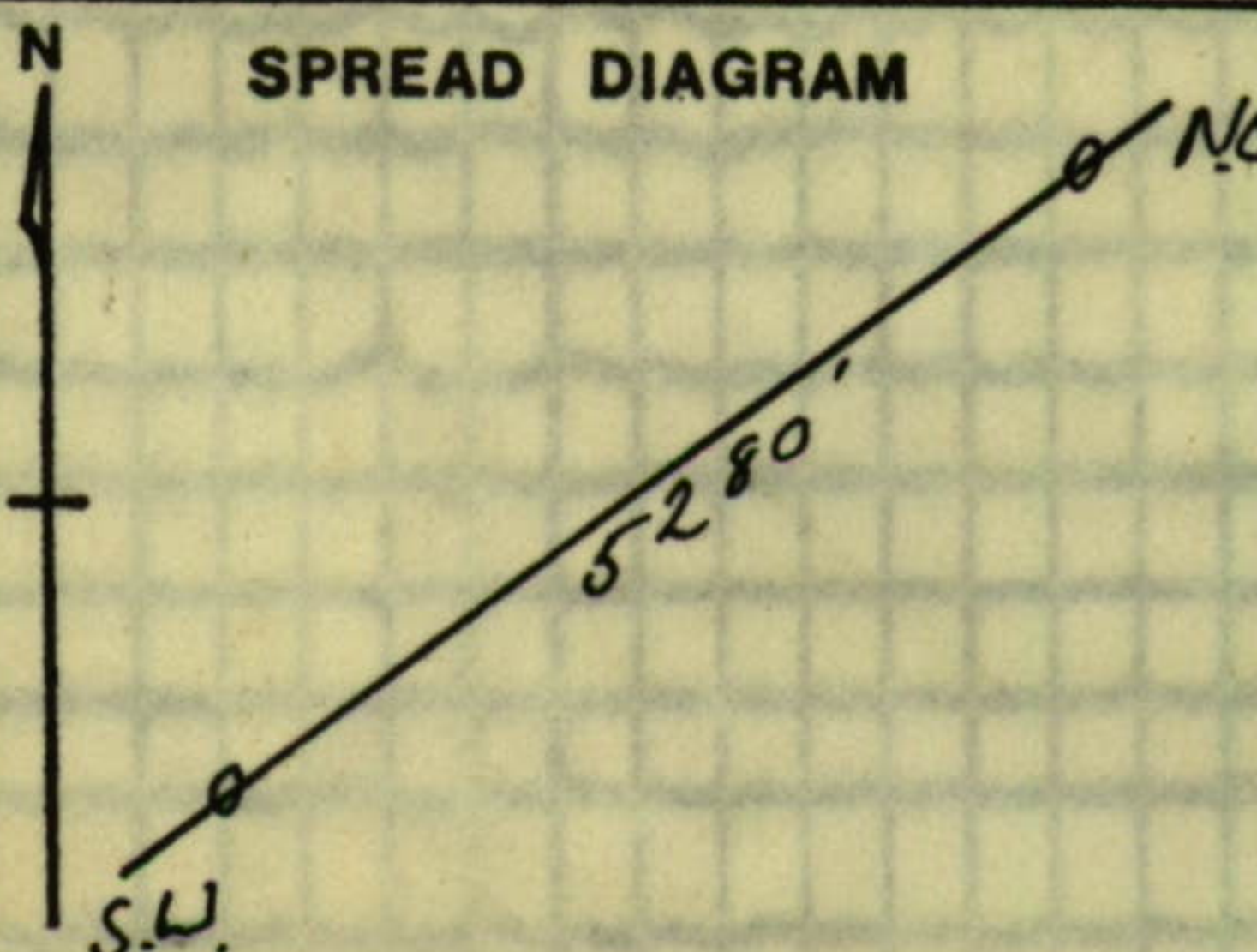
Elev 1150.7 Tsd.....

Ds..... Tuh.....

Es.....

Dtm.....

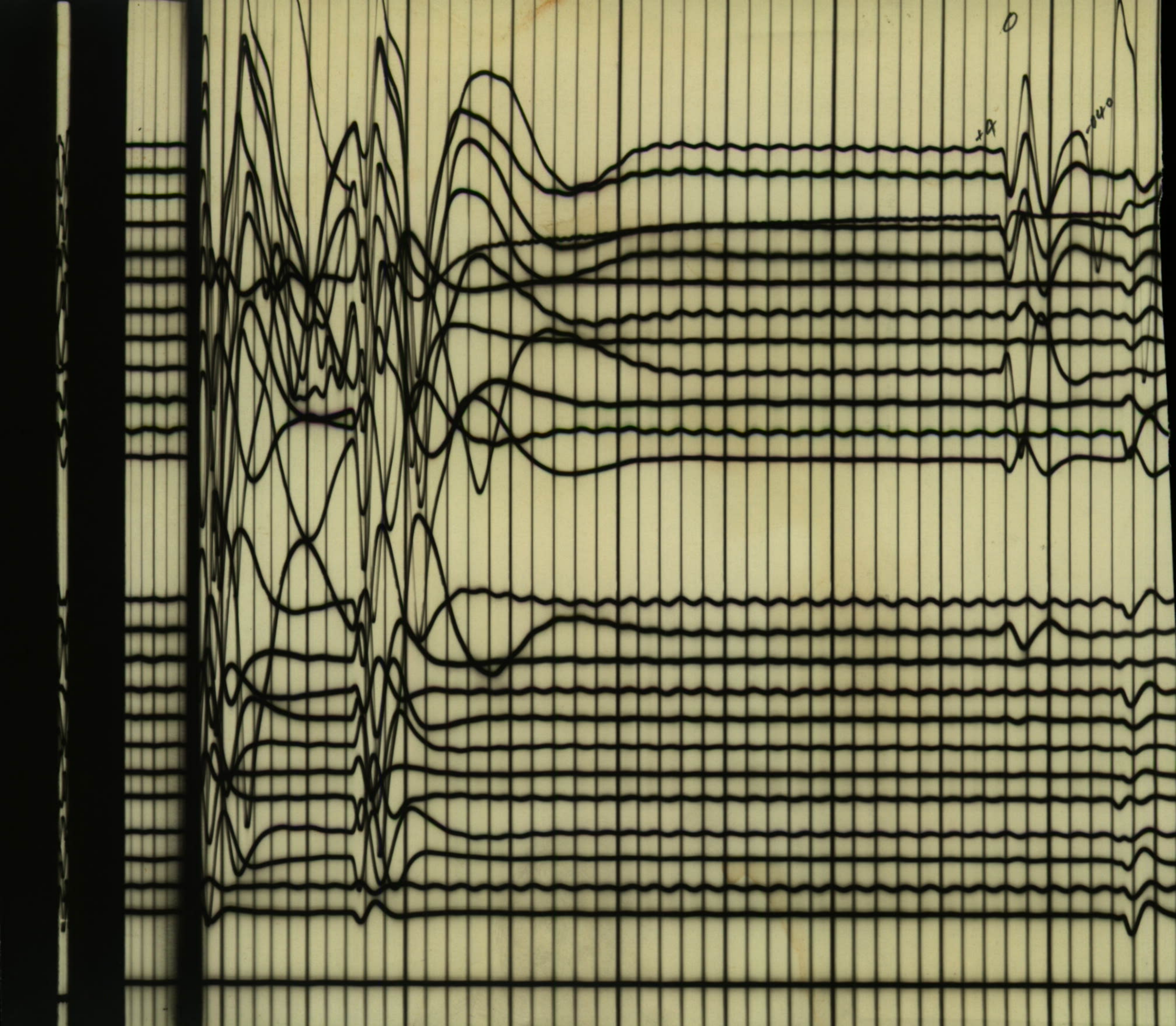
S-D.....



SHOT BY:

**GES** PTY LTDDATE 2ND OCT '71TIE S.P. --- DIR ---1  
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24TIE S.P. 4356 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P. 4359

LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#

HOLE PATTERN 20' APART IN LINE MON. PBK. ☒ TAPE No. 53507

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

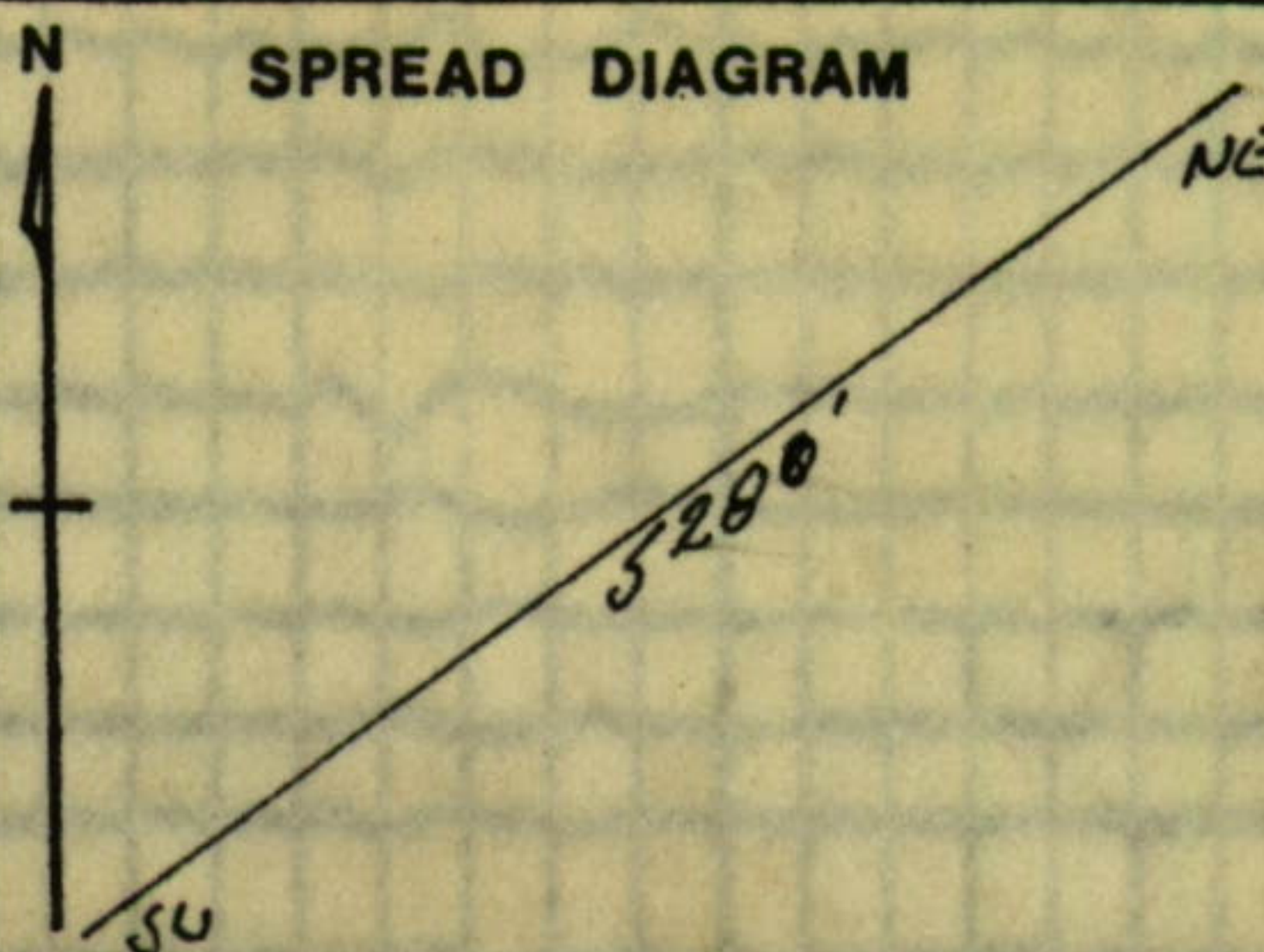
SPREAD TYPE 0'-5208'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc.....  
Elev 1148.5 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES** PTY LTD

DATE 2<sup>ND</sup> OCT '71

TIE S.P. .... DIR. ....

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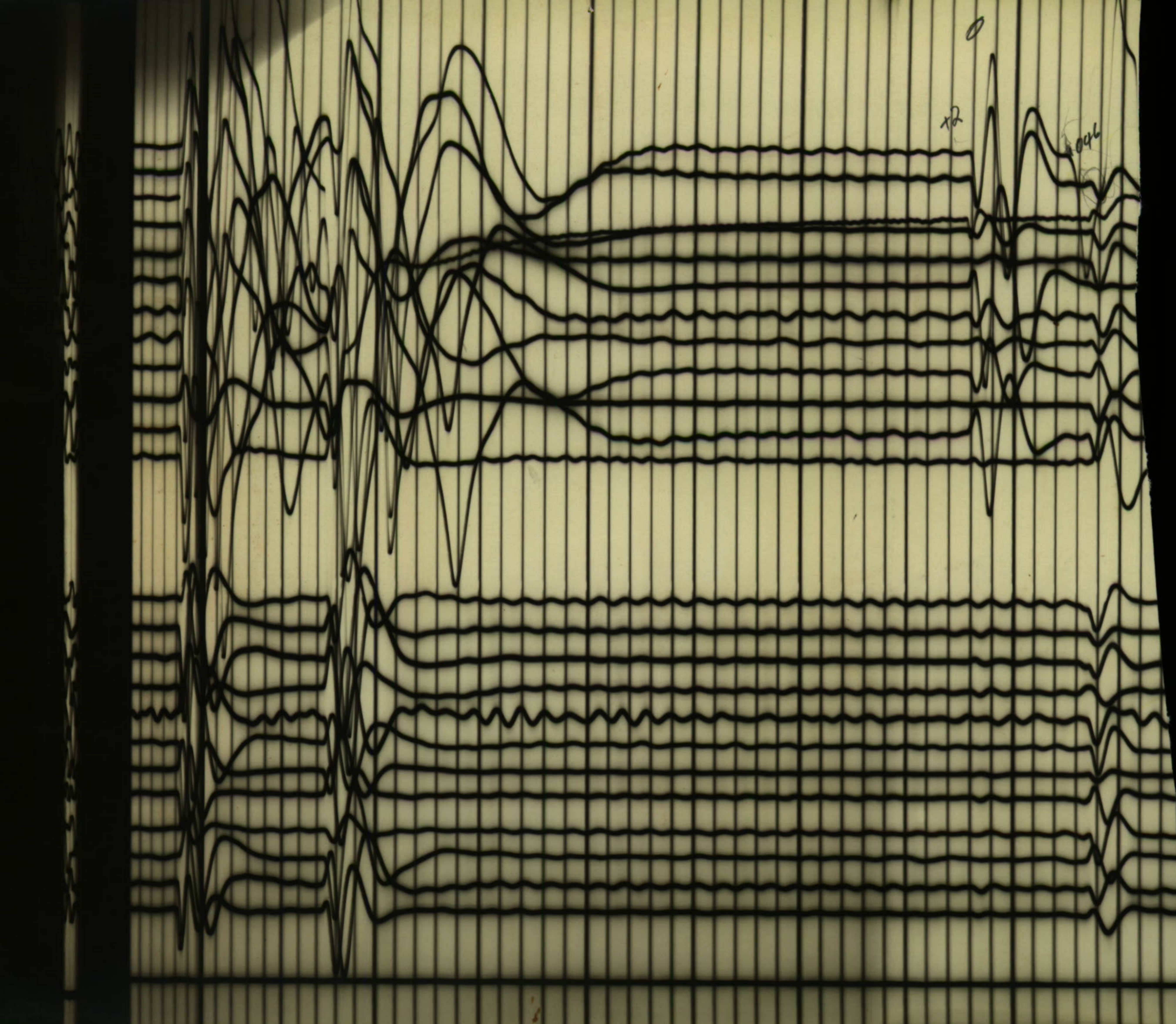
23

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TIE S.P. .... DIR. SW

4371







CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4362

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5<sup>#</sup>HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53508

## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc.....

Elev. 1142.9 Tsd.....

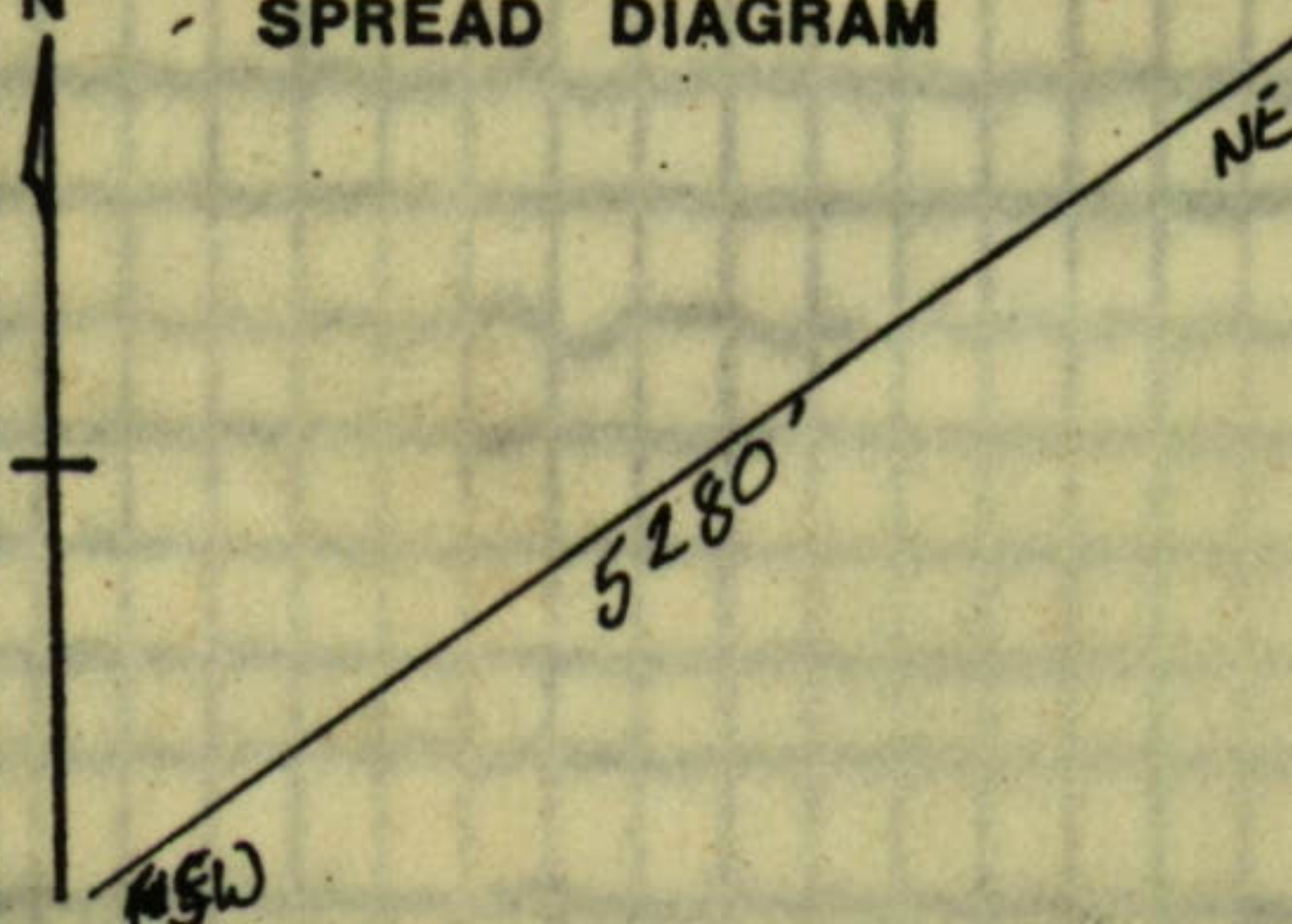
Ds..... Tuh.....

Es.....

Dtm.....

S-D.....

N SPREAD DIAGRAM



SHOT BY:

**GES**

PTY LTD

DATE 2nd Oct '71

TIE S.P. .... DIR. ....

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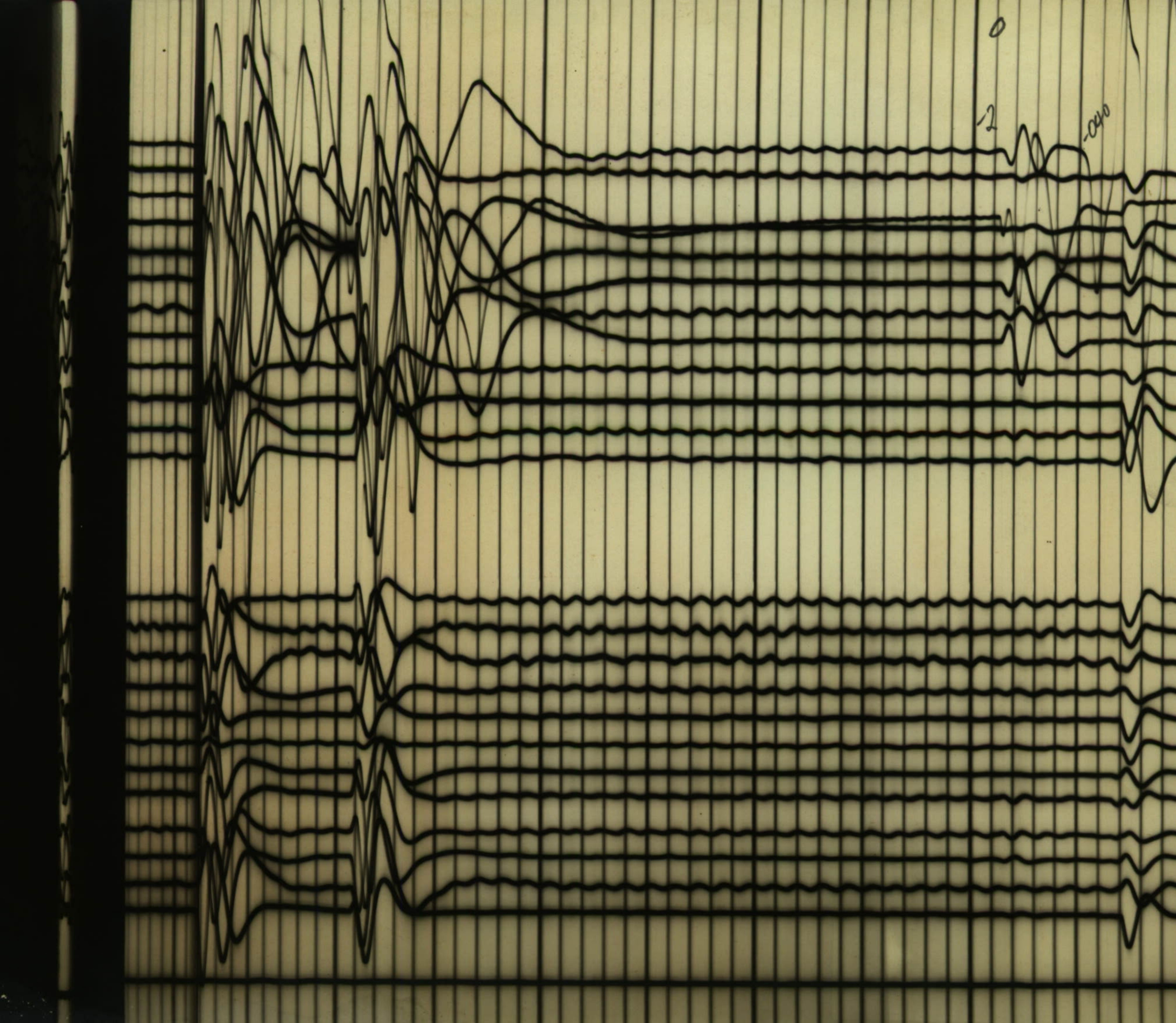
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TIE S.P. .... DIR. SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4365 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8 X 5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53509

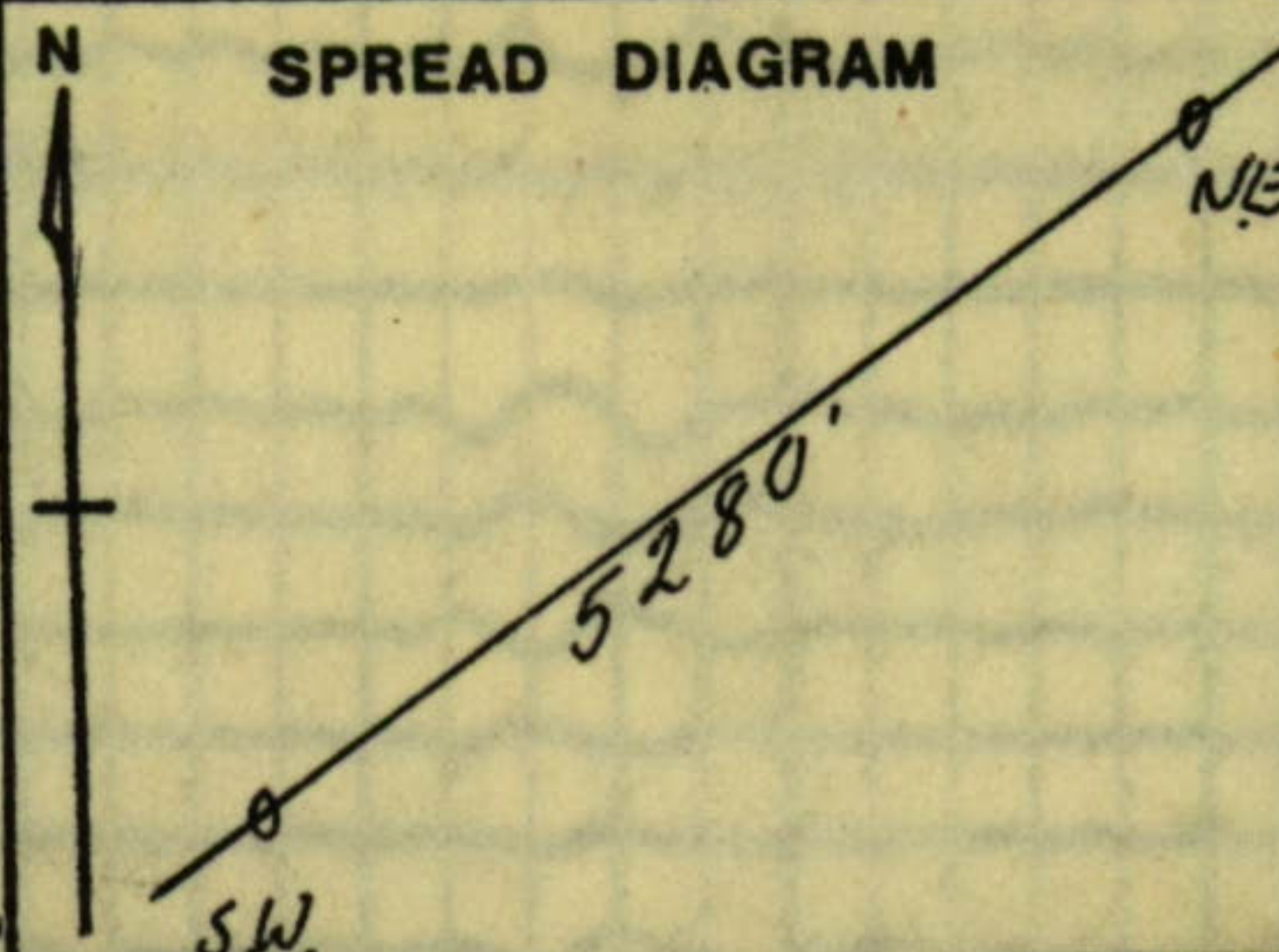
## RECORDING

INST TYPE GA-33FILTERS 20 - 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0' - 5280

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

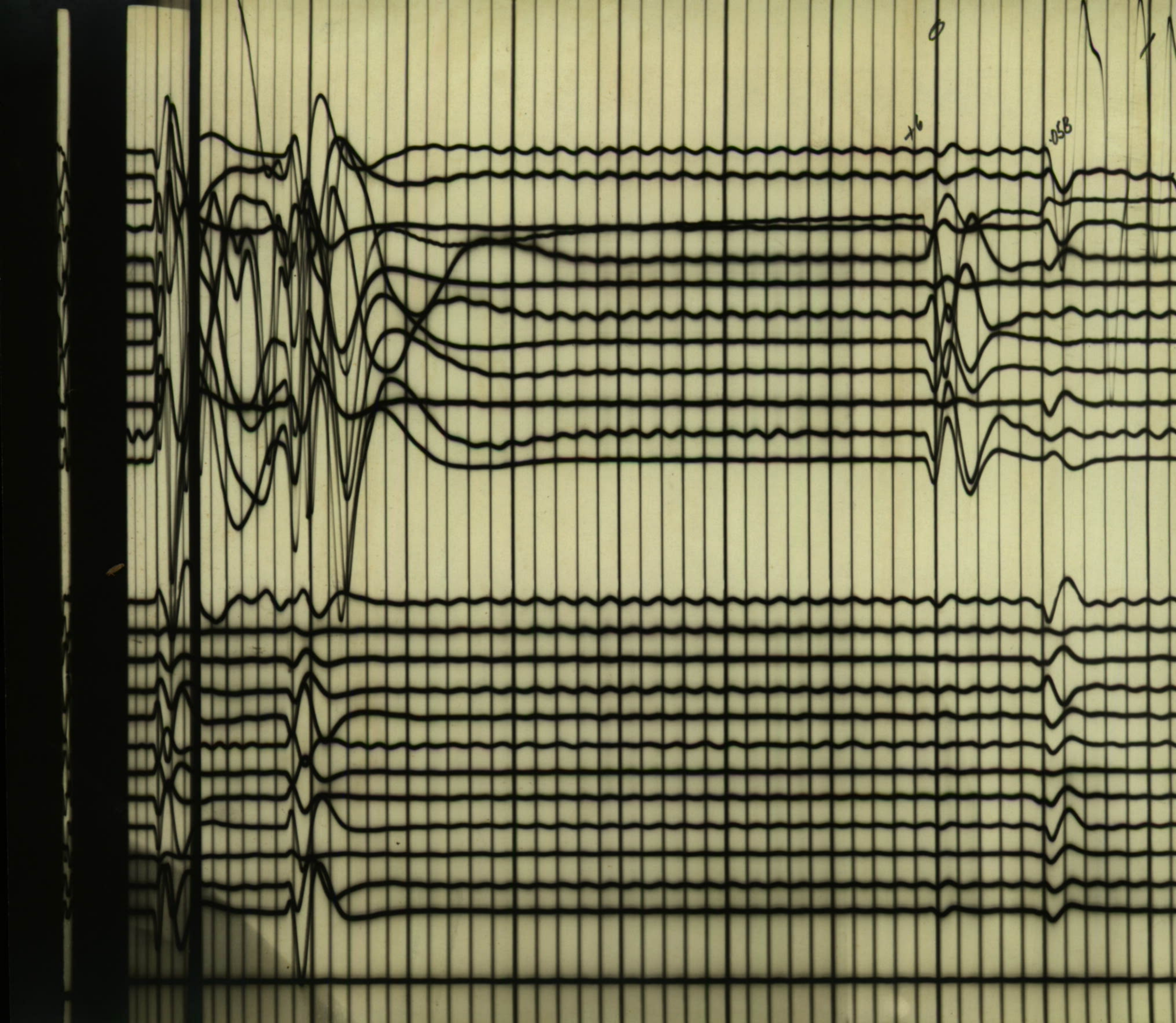
Vc. ....  
 Elev. 1138.9 Tsd. ....  
 Ds. .... Tuh. ....  
 Es. ....  
 Dtm. ....  
 S-D .....



SHOT BY:

**GES PTY LTD**DATE 2<sup>ND</sup> OCT '71TIE S.P. 4365 DIR SW1  
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24TIE S.P. 4365 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4368 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5 #

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53510

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC slow

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

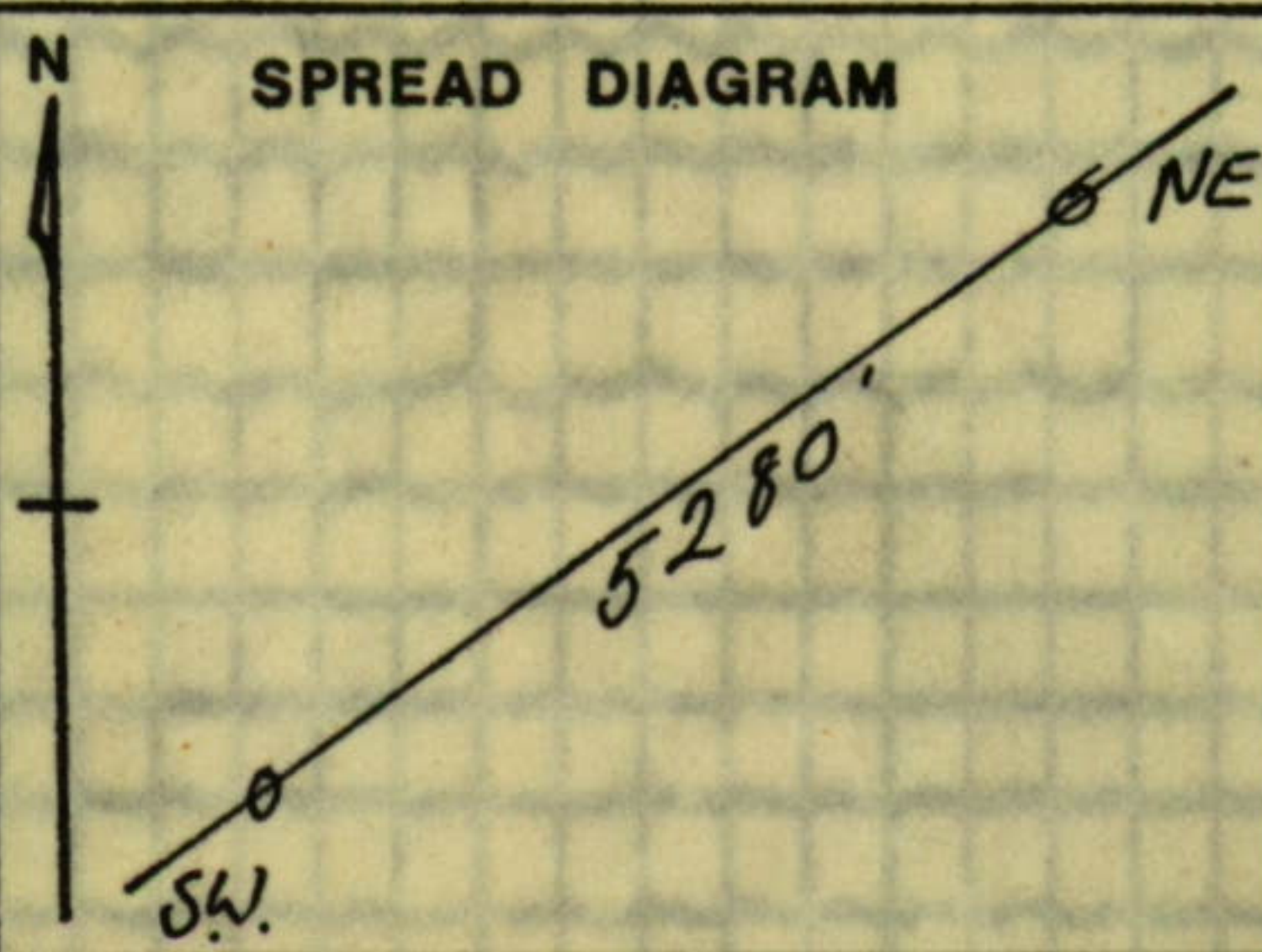
SPREAD TYPE 0'-5280'

PLAYBACK

FILTERS 1/20 1/65

AGC slow

Vc .....  
Elev. 1146.1 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES** PTY LTD

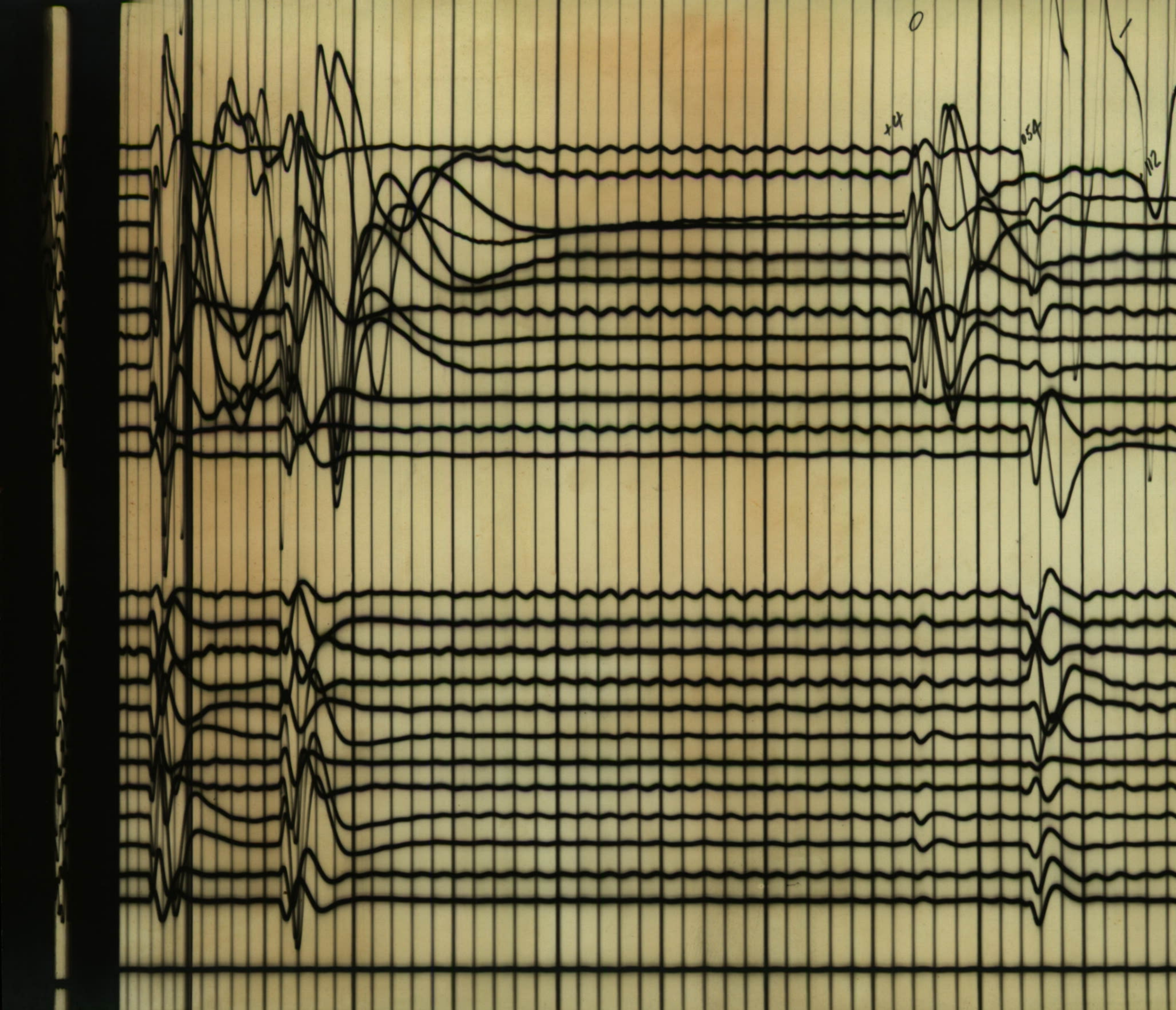
DATE 2NO OCT '71

TIE S.P. 4368 DIR SW

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TIE S.P. 4368 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4371 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8 X 2 1/2

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53511

RECORDING

INST TYPE G.A. - 33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220

SHOT POINT INT. 660

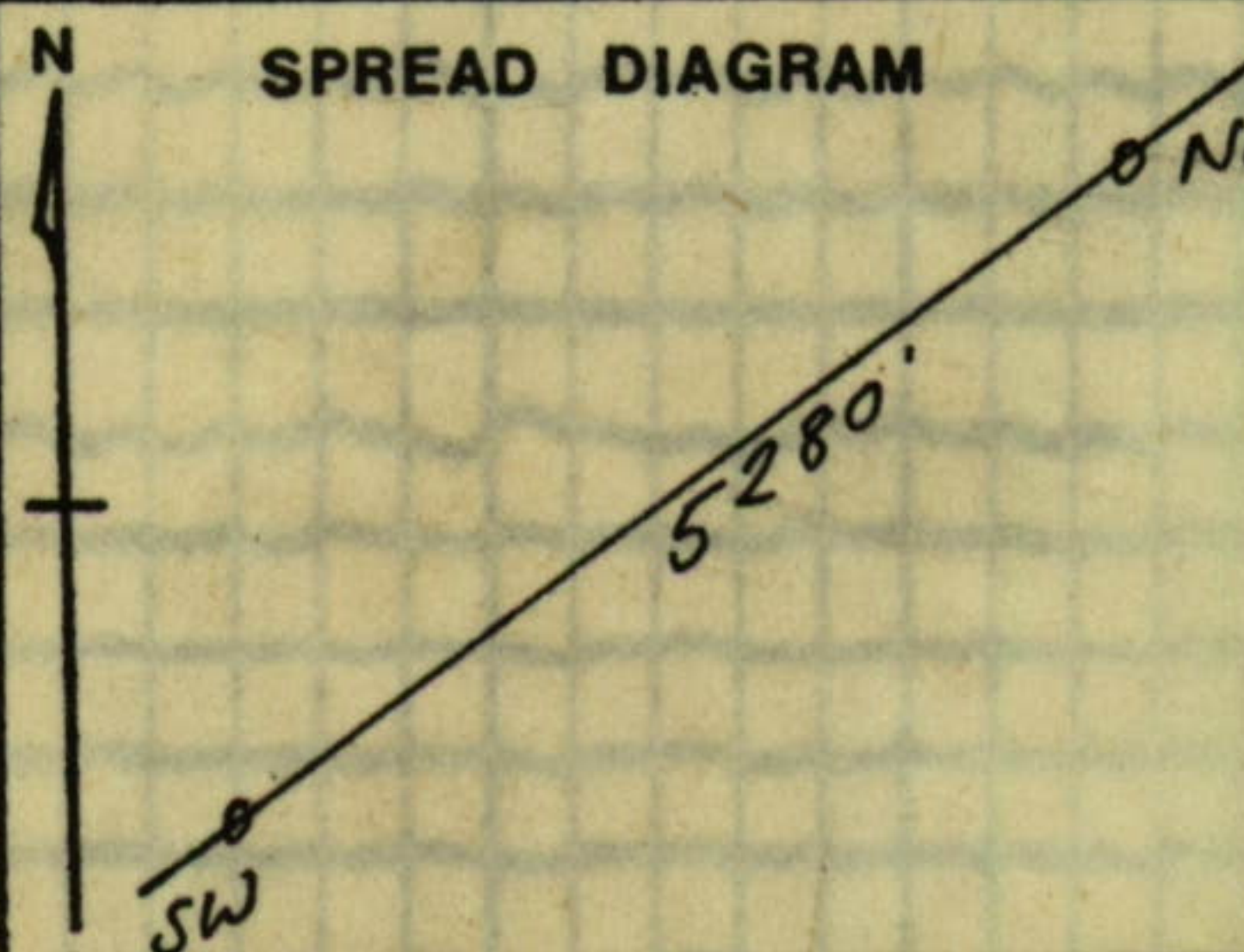
SPREAD TYPE 0' - 5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. ....  
Elev. 1149.5 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES** PTY LTD

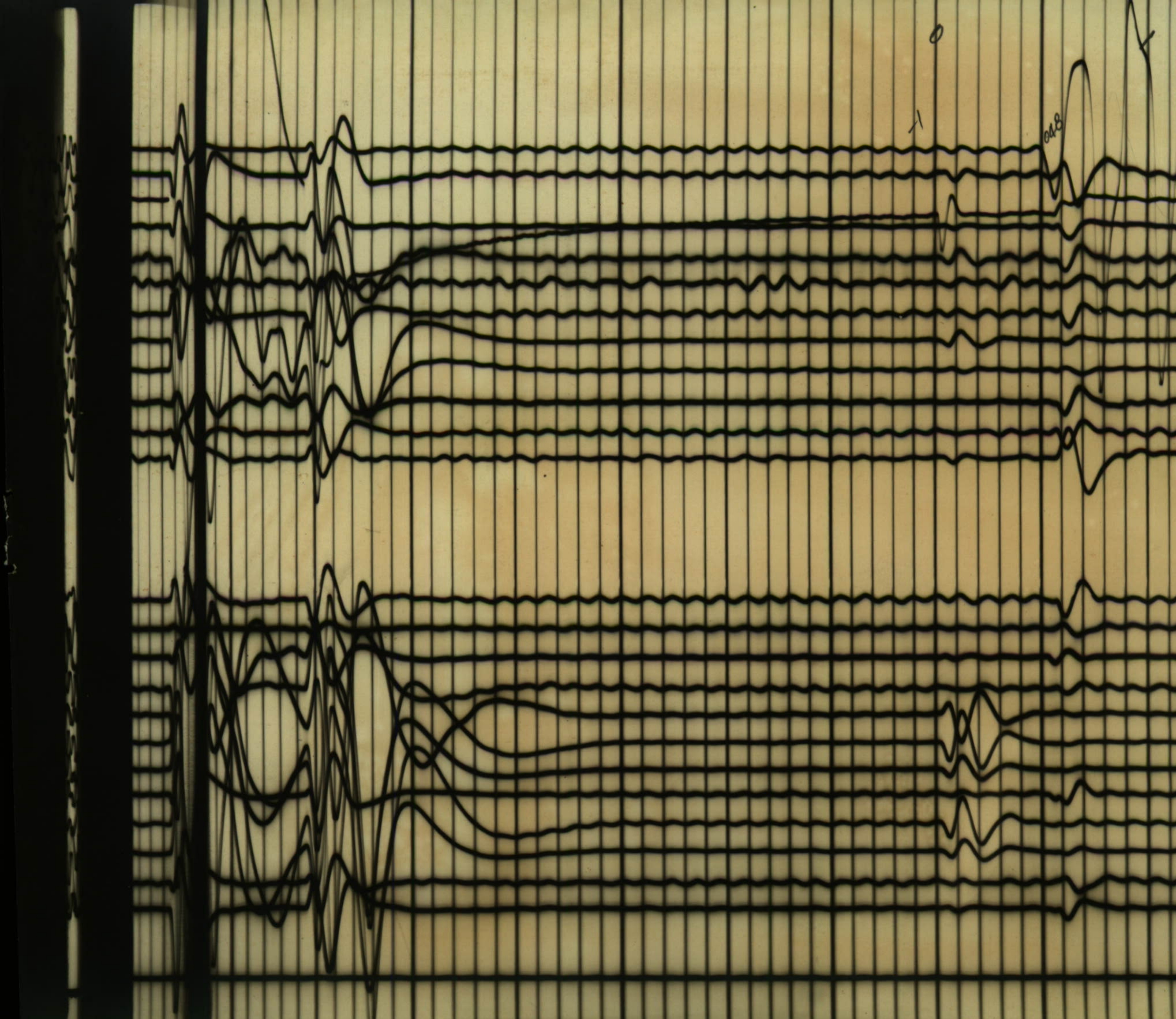
DATE 2<sup>ND</sup> OCT '71

TIE S.P. 4371 DIR 30

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TIE S.P. 4371 DIR 30







HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4374

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5<sup>#</sup>20' SPACEHOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53512

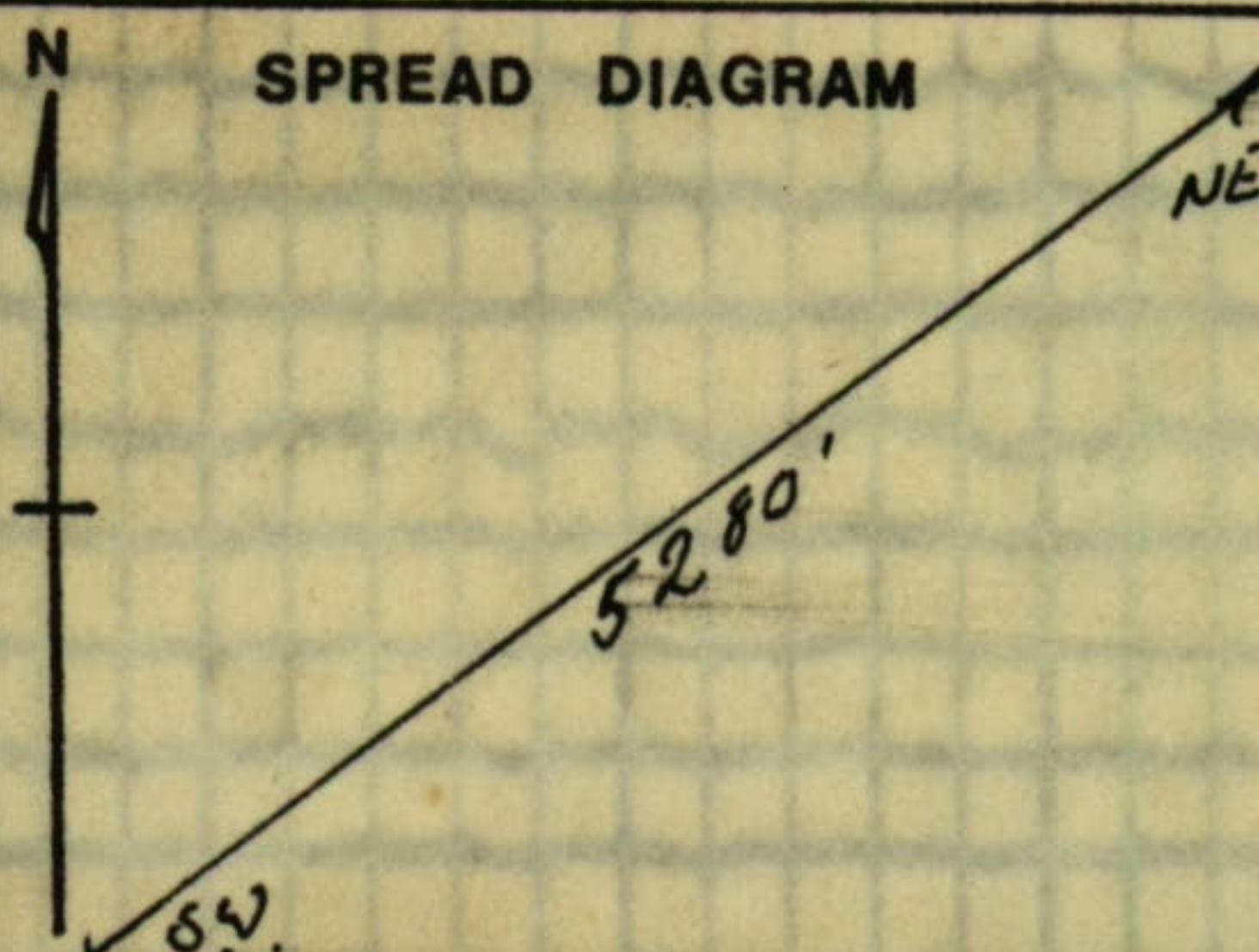
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....  
 Elev. 1152.9 Tsd. ....  
 Ds. .... Tuh. ....  
 Es. ....  
 Dtm. ....  
 S-D. ....



SHOT BY:

**GES**

PTY LTD

DATE 2<sup>ND</sup> OCT '71TIE S.P. --- DIR ---

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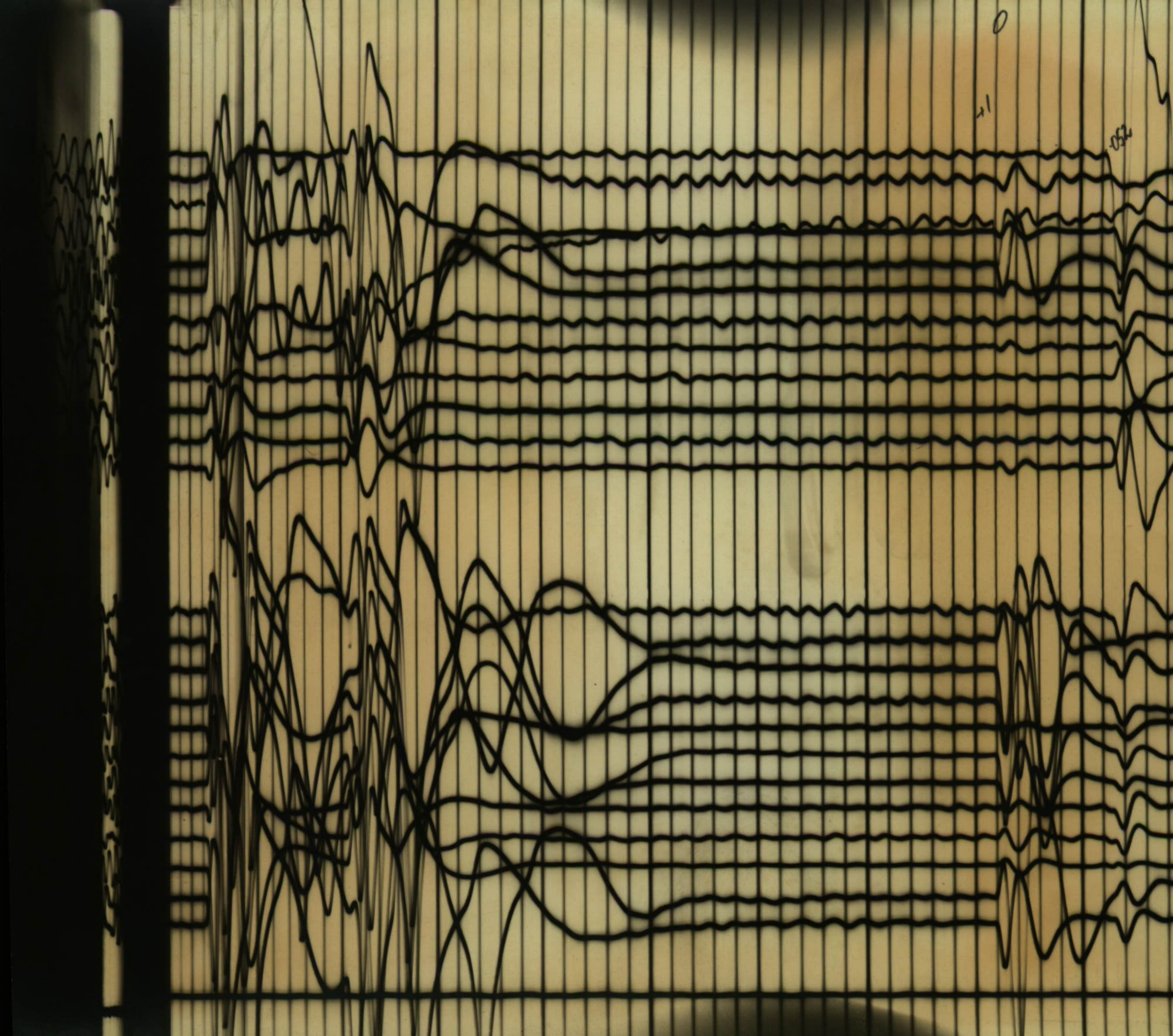
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TIE S.P. 4386 DIR SW







CLIENT

HARTOGEN

PROSPECT

COOTABYNIA

STATE

QLD

S.P.

4377

LINE

820

SHOT No.

A

DEPTH OF SHOT

20'

CHARGE SIZE

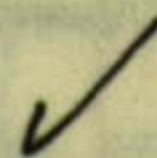
5x8#  
8x5

HOLE PATTERN

IN LINE

MON.

PBK.



TAPE No.

53513

## RECORDING

INST TYPE

GA-33

FILTERS

1/20 1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0' - 5280'

## PLAYBACK

FILTERS

1/20 1/65

AGC

SLOW

Vc  
Elev 1155.9 Tsd  
Ds Tuh  
Es  
Dtm  
S-D

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SPREAD DIAGRAM

NE.

5280'

SW.

SHOT BY:

GES

PTY LTD

DATE

OCT 2ND '71

TIE S.P. DIR

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TIE S.P. 4389 DIR SW

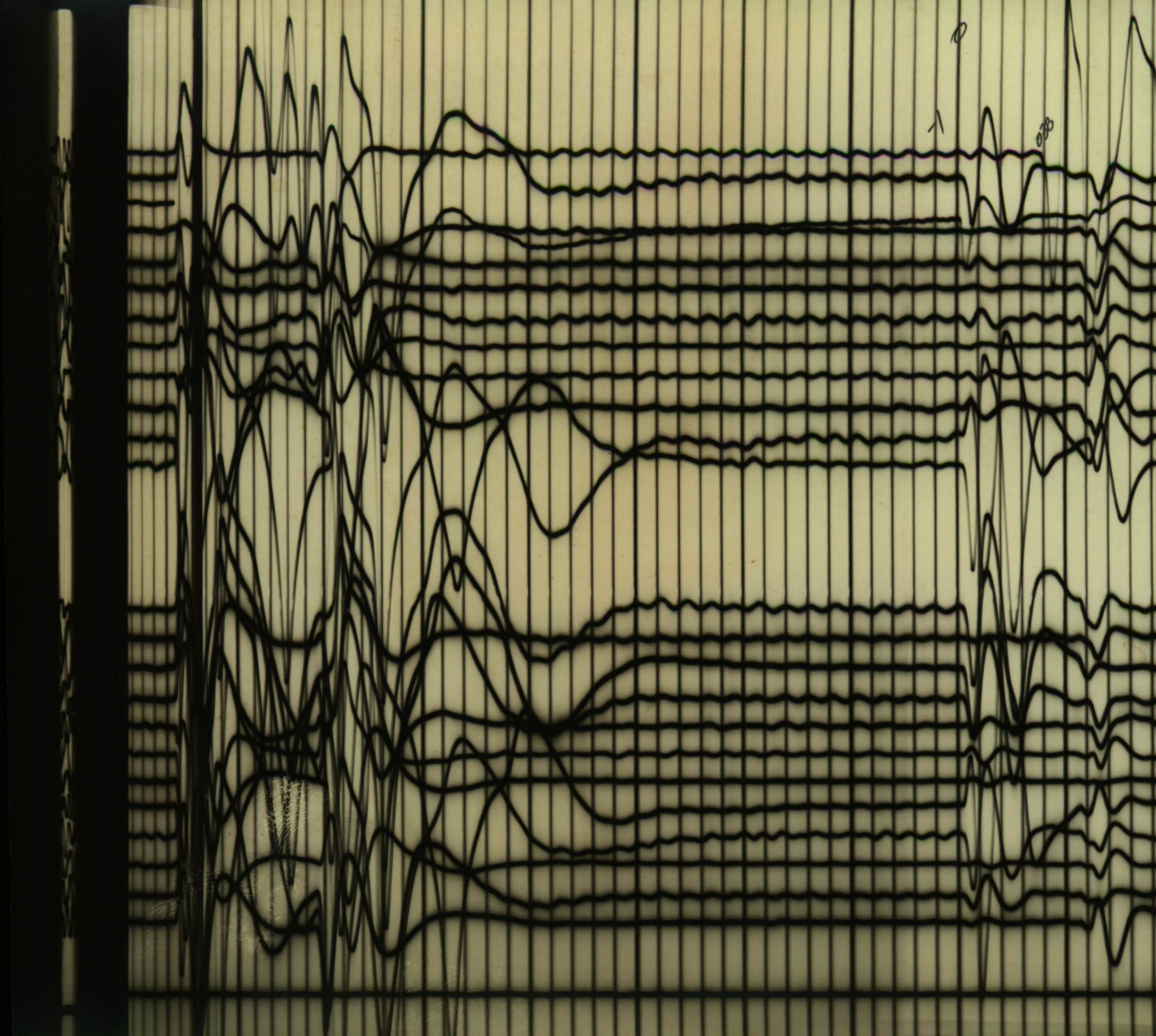
HOLE LOG

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CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLD

S.P.

4380

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8 X 5#HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53514

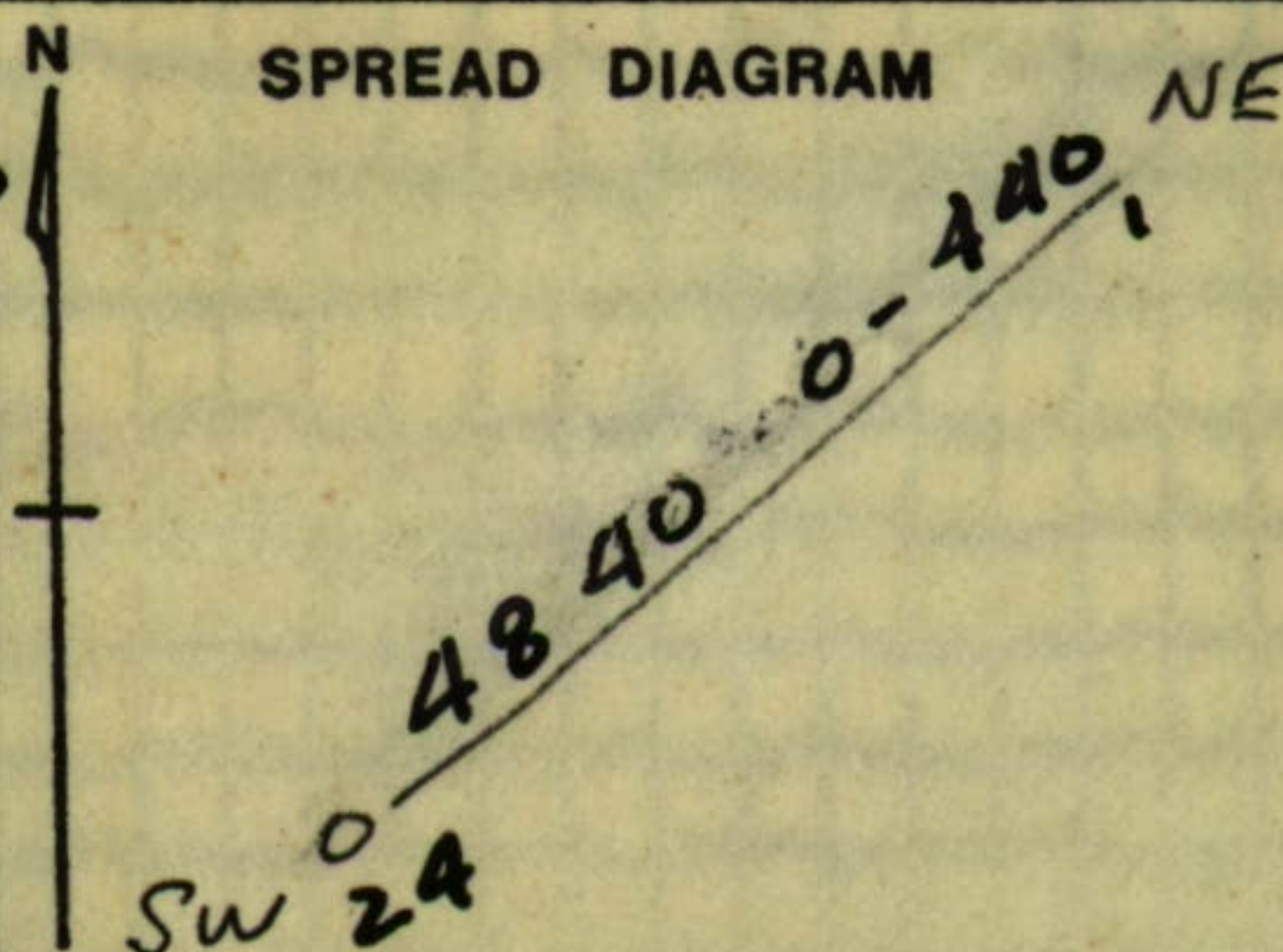
## RECORDING

INST TYPE GA-33FILTERS 1/20 - 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 440-0-4840440-0-4840

## PLAYBACK

FILTERS 1/20 - 1/65AGC SLOW

Vc .....  
Elev. 1161.5 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D \_\_\_\_\_



SHOT BY:

**GES**

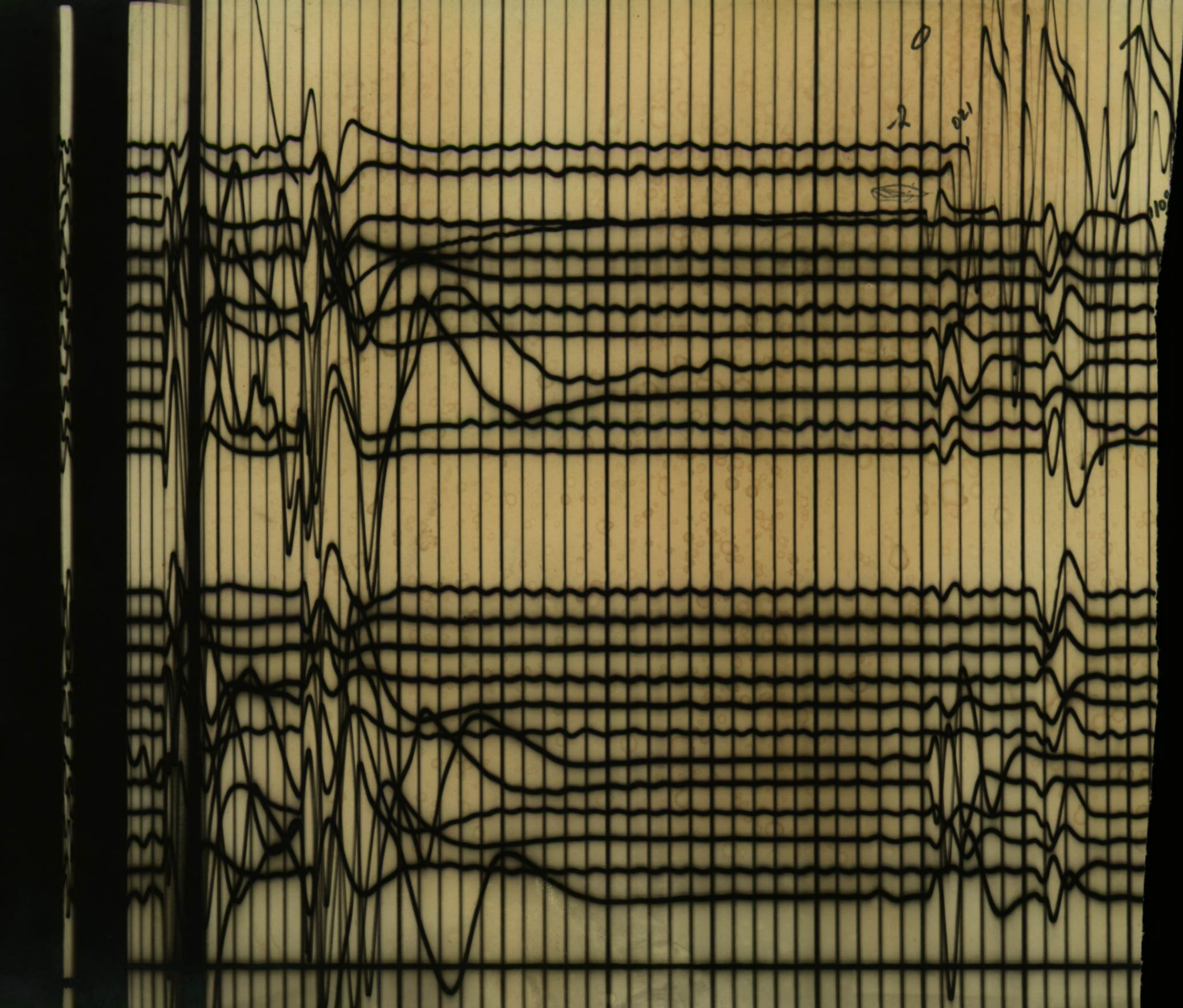
PTY LTD

DATE OCT 2 91

TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

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24TIE S.P. 4392 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4383 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8 X 5 #

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53515

### RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

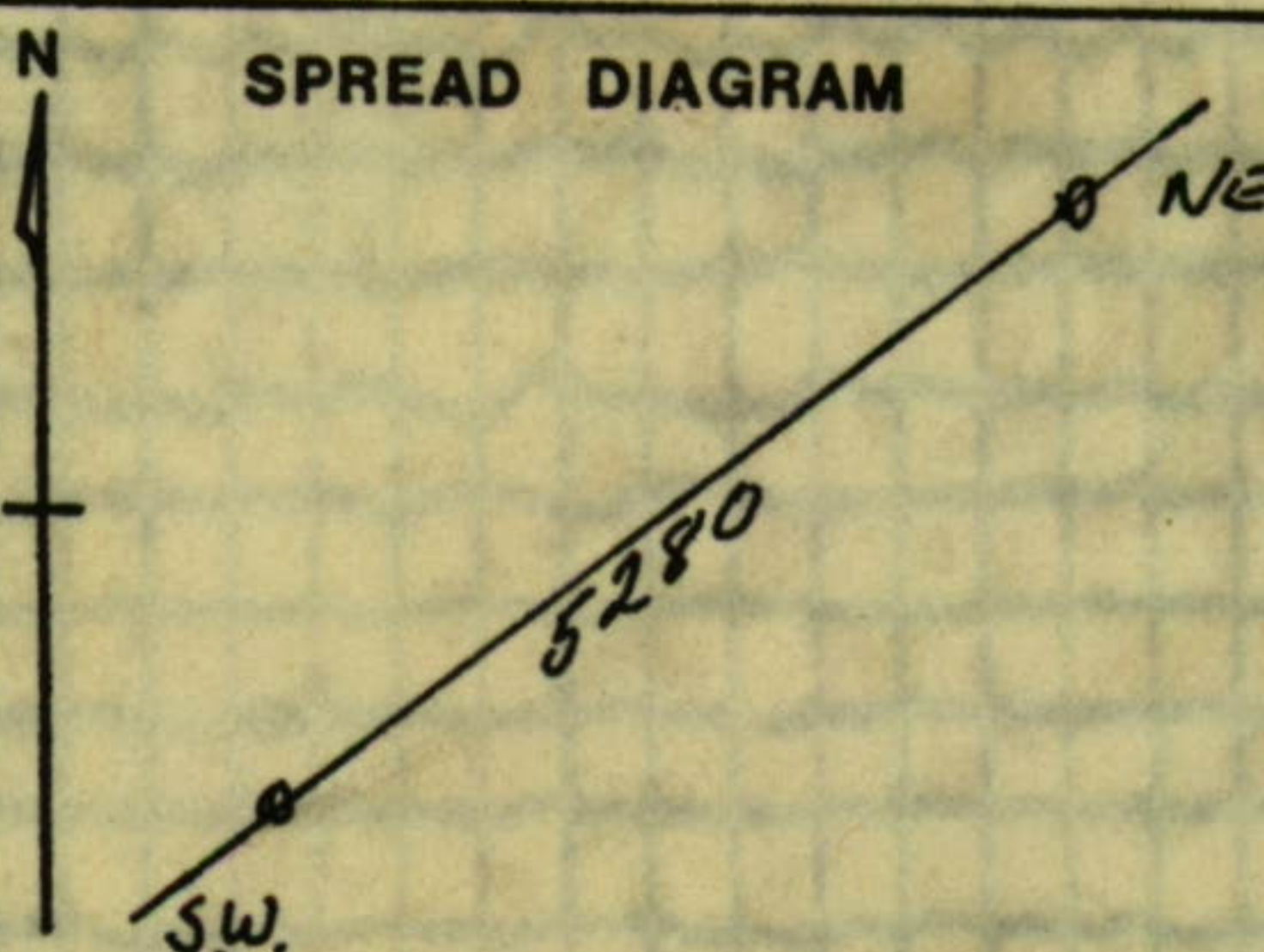
SPREAD TYPE 0'-5280'

### PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

V<sub>c</sub> .....  
Elev. 1178.7 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES** PTY LTD

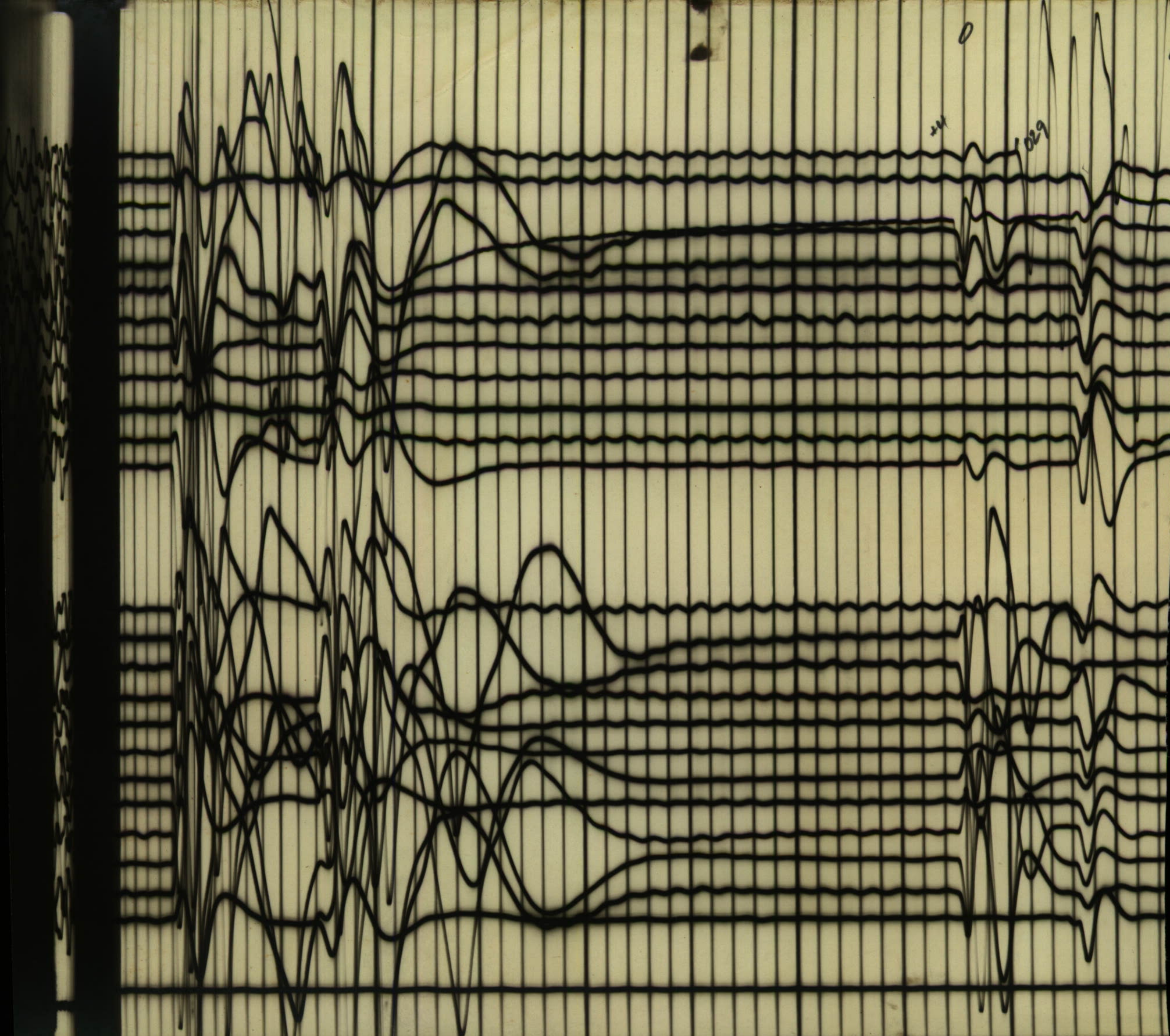
DATE OCT 2<sup>ND</sup> '71

TIE S.P. --- DIR ---

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TIE S.P. A392 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4386 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8 X 5#  
80' OFFSET

HOLE PATTERN 1ST GEO ON HOLE MON. ✓ PBK. ✓ TAPE No. 53516

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

SPREAD TYPE 0 - 5280'

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PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

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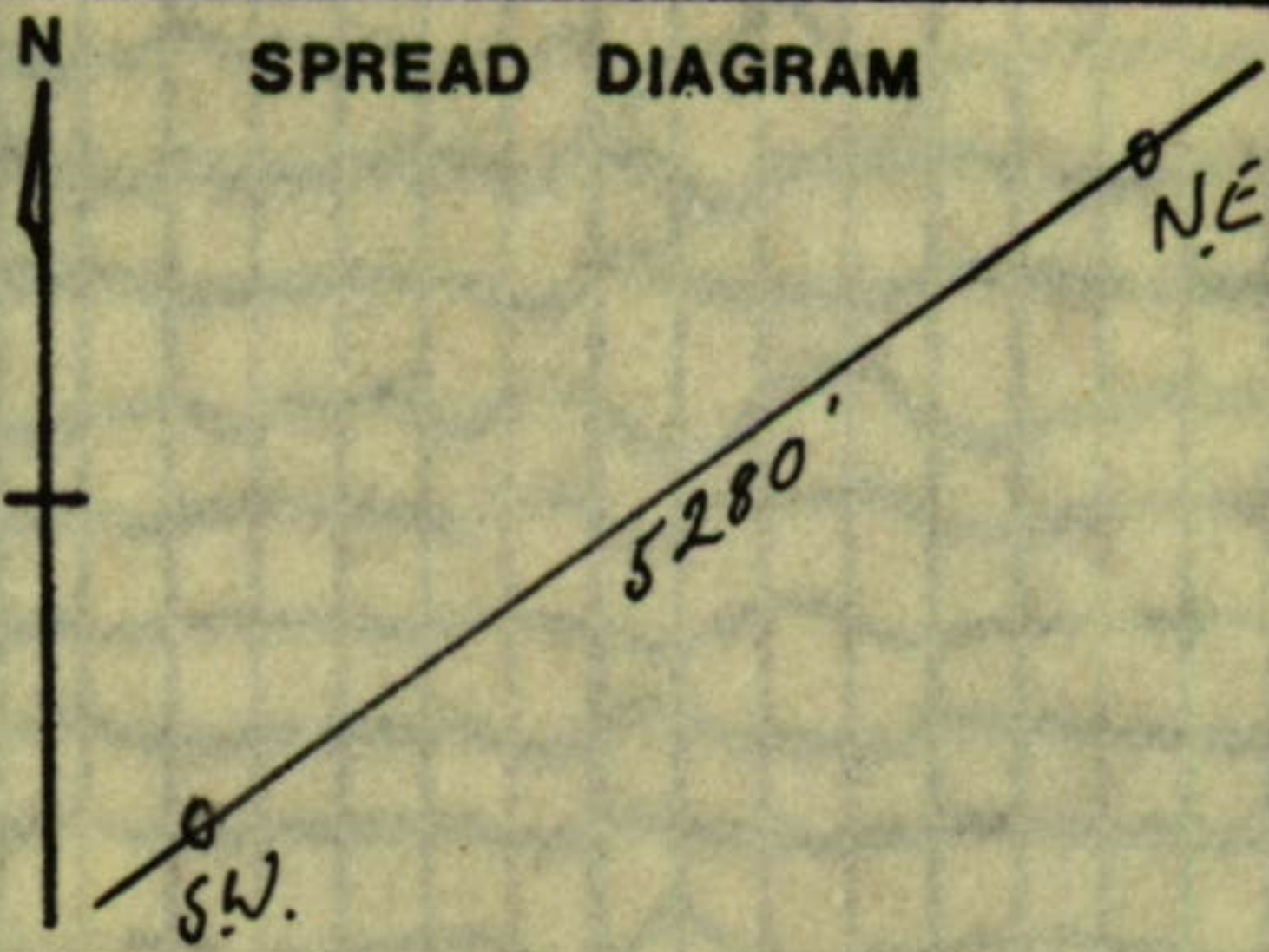
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Vc. ....  
Elev. 1181.7 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES** PTY LTD

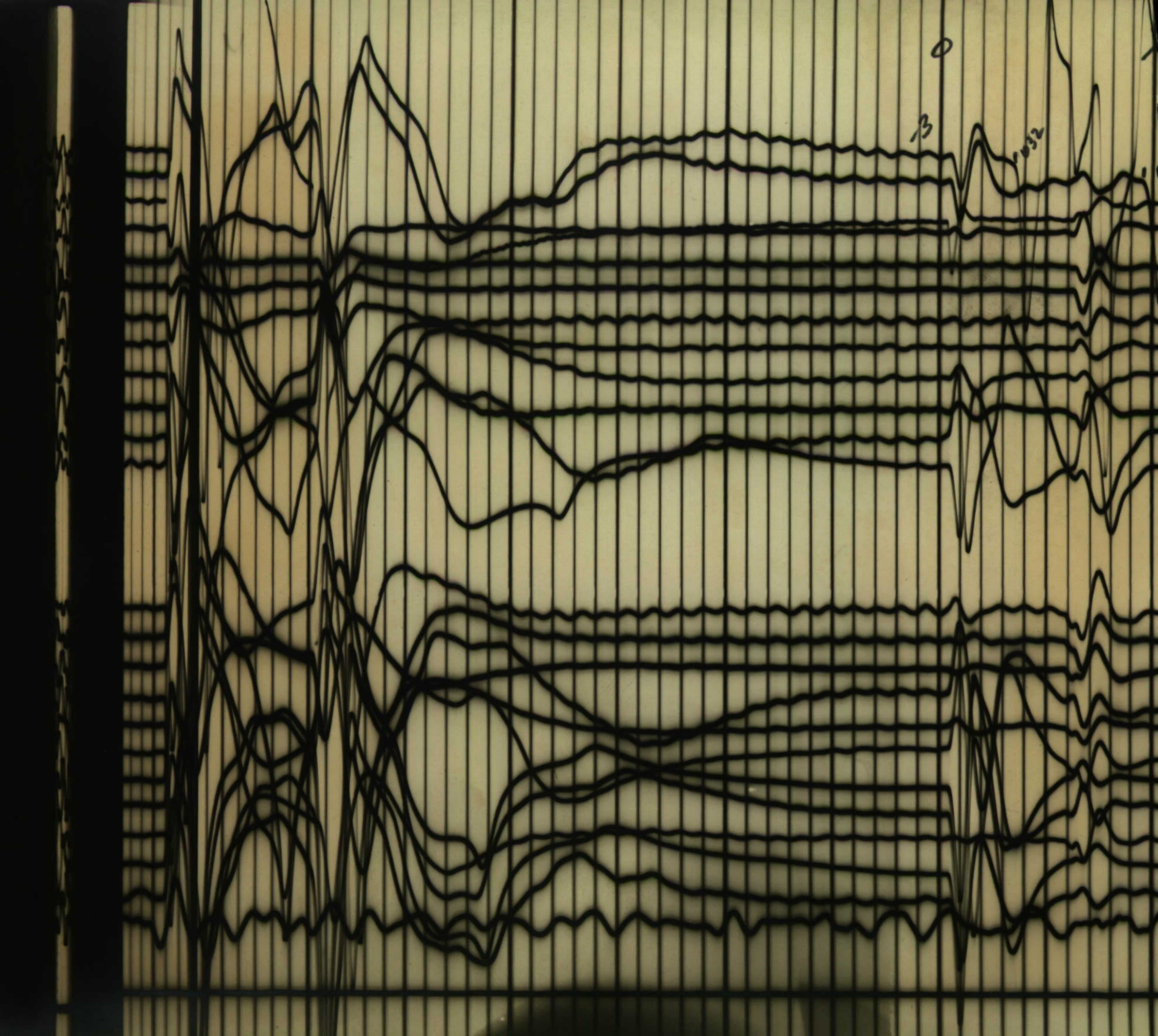
DATE 2<sup>ND</sup> OCT '71

TIE S.P. --- DIR ---

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TIE S.P. 4398 DIR SW







HOLE LOG

CLIENT HAR HARTOGENPROSPECT COOTABYNIA STATE QLD

S.P.

4389

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 4x5 4x2 1/2 #HOLE PATTERN IN LINE 20' SPACE MON. ✓ PBK. ✓ TAPE No. 53517

## RECORDING

INST TYPE G.A. -33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

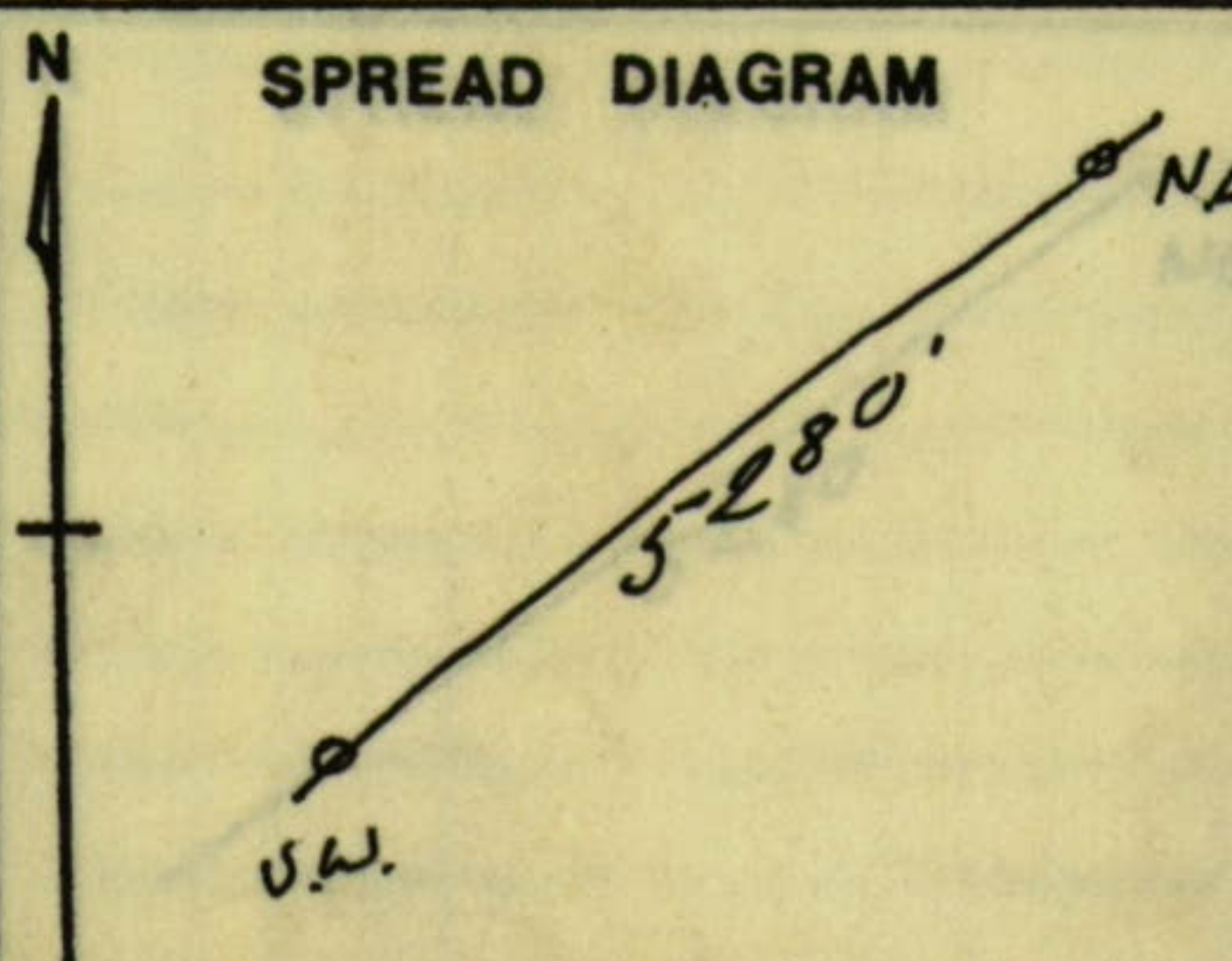
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PLAYBACK

FILTERS 1/20 1/65AGC SLOW

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Vc.....  
Elev. 1174.6 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



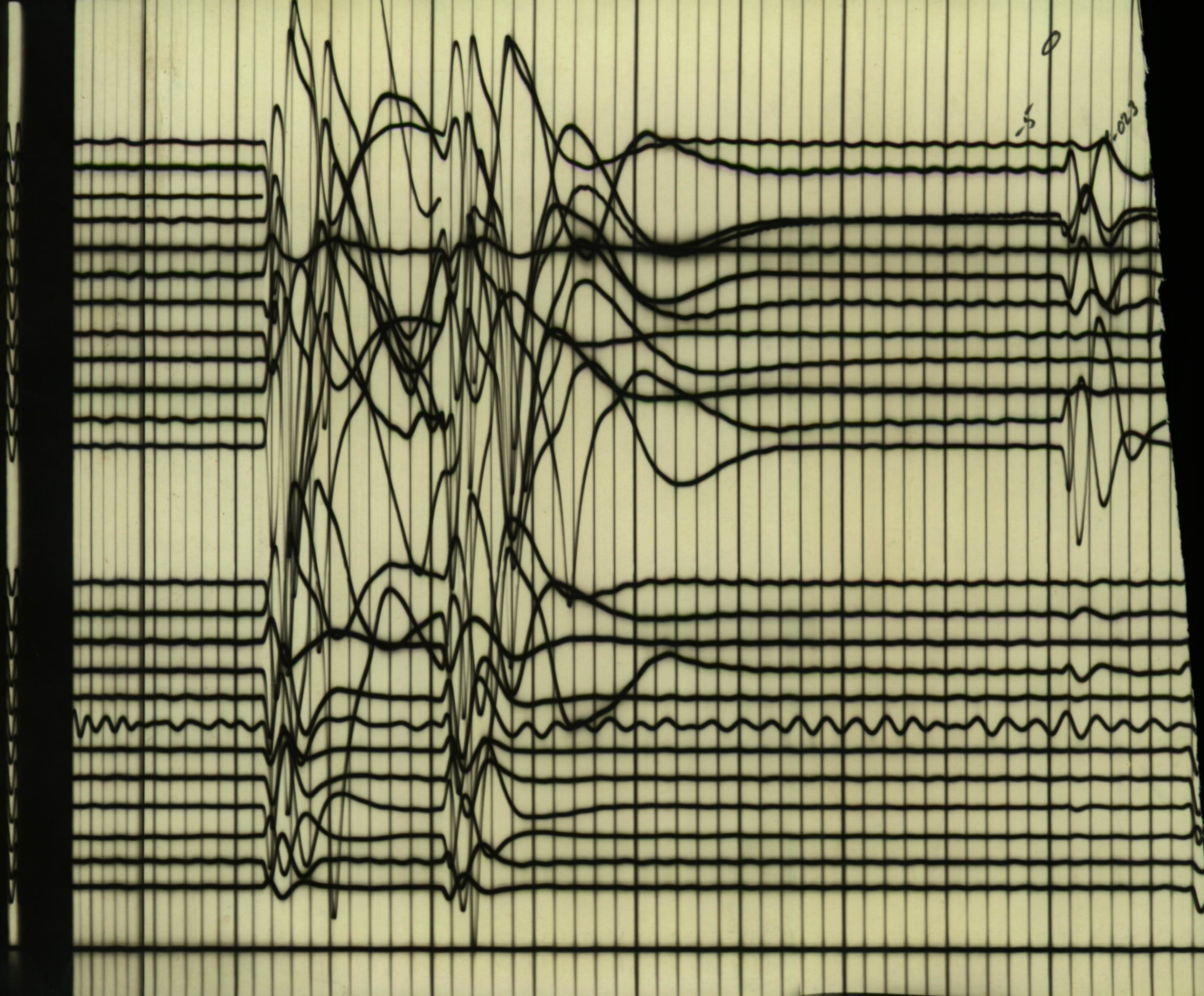
SHOT BY:

**GES** PTY LTDDATE 3<sup>RD</sup> OCT '71

TIE S.P. \_\_\_\_\_ DIR \_\_\_\_\_

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24TIE S.P. A40' DIR SW







HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4392

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 4x5<sup>#</sup>  
4x2<sup>1</sup>/<sub>2</sub><sup>#</sup>HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53518

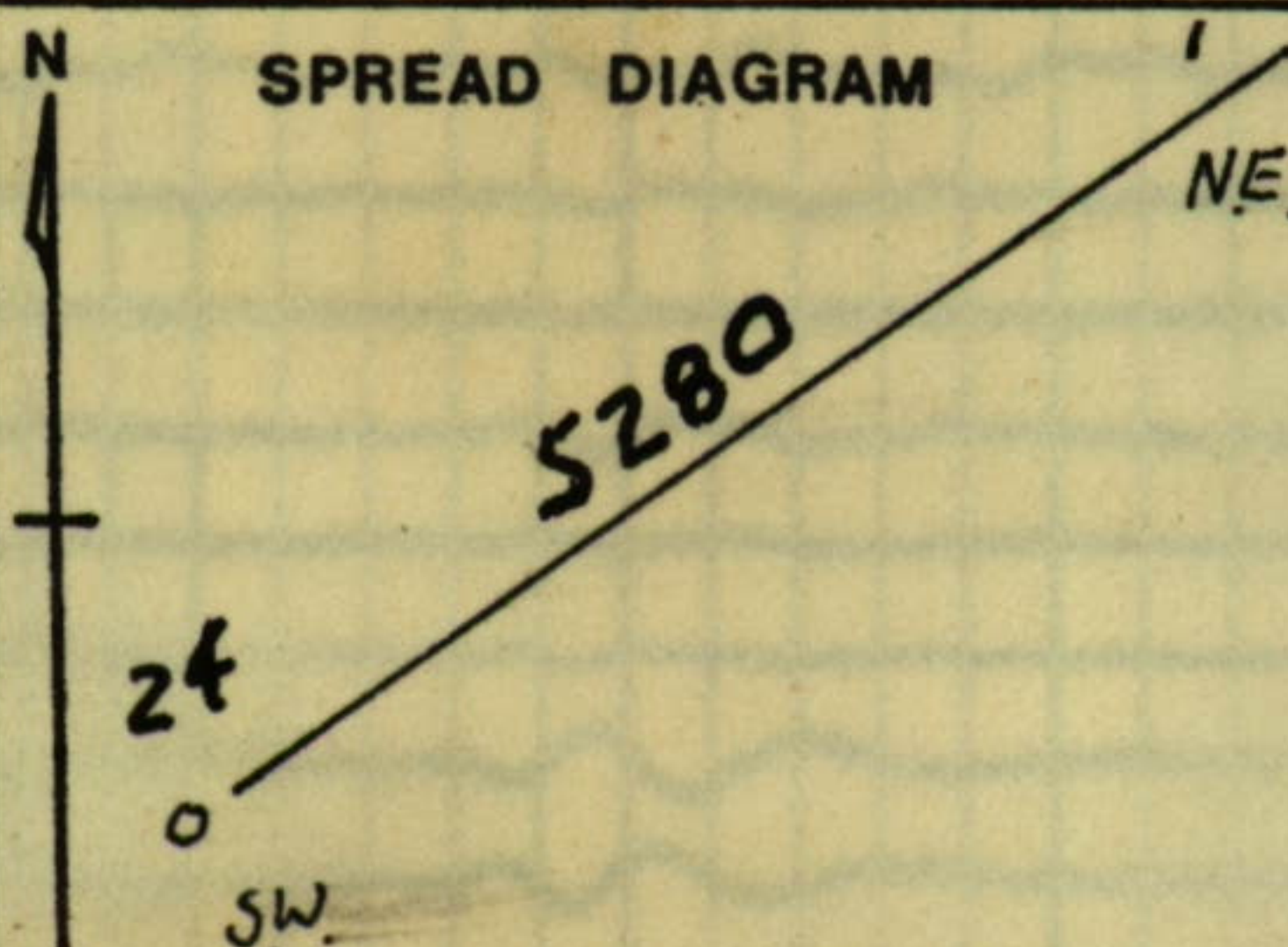
## RECORDING

INST TYPE GA-33FILTERS 1/20 - 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 - 1/65AGC SLOW

Vc. ....  
Elev. 1162.8 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES**

PTY LTD

DATE OCT 3<sup>RD</sup> '71

TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

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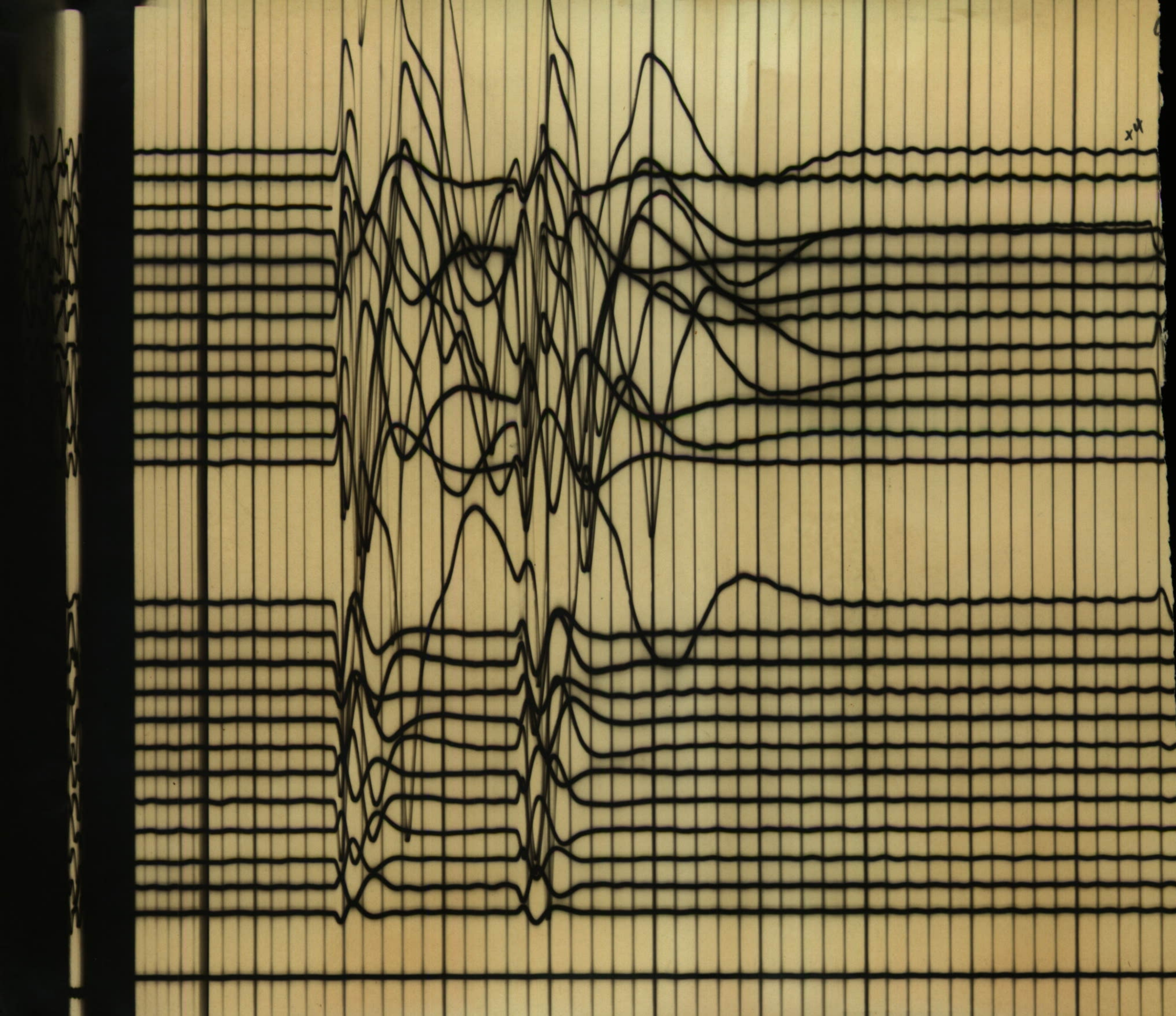
22

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TIE S.P. A40A DIR SW







CLIENT HARTOGEN

PROSPECT COOTCHYNIA STATE QLD

S.P. 4395 LINE 820

SHOT No A DEPTH OF SHOT 20' CHARGE SIZE 4x5 #  
4x2 1/2

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No 53519

### RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

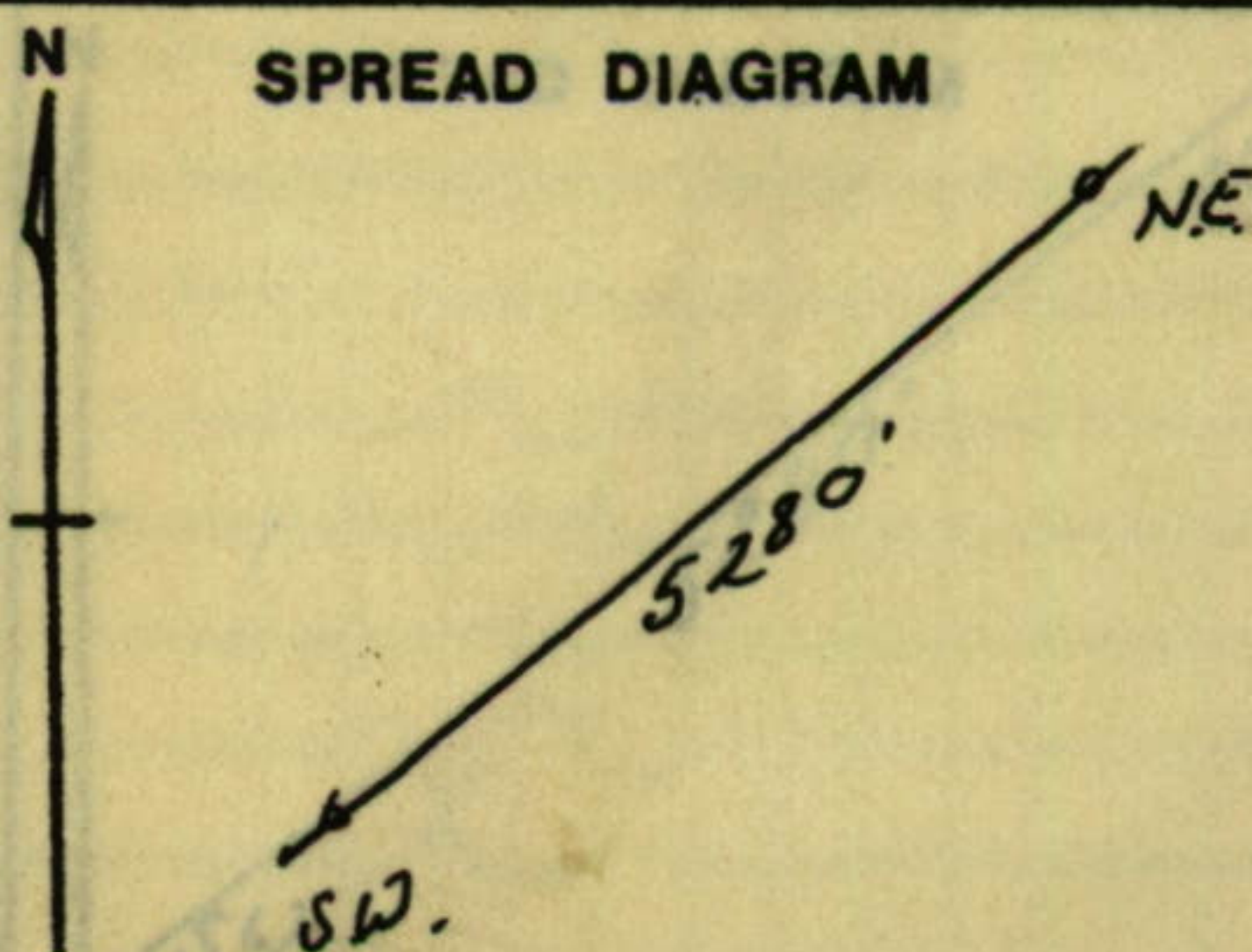
SPREAD TYPE 0 5280'

### PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. ....  
Elev. 1162.0 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES** PTY LTD

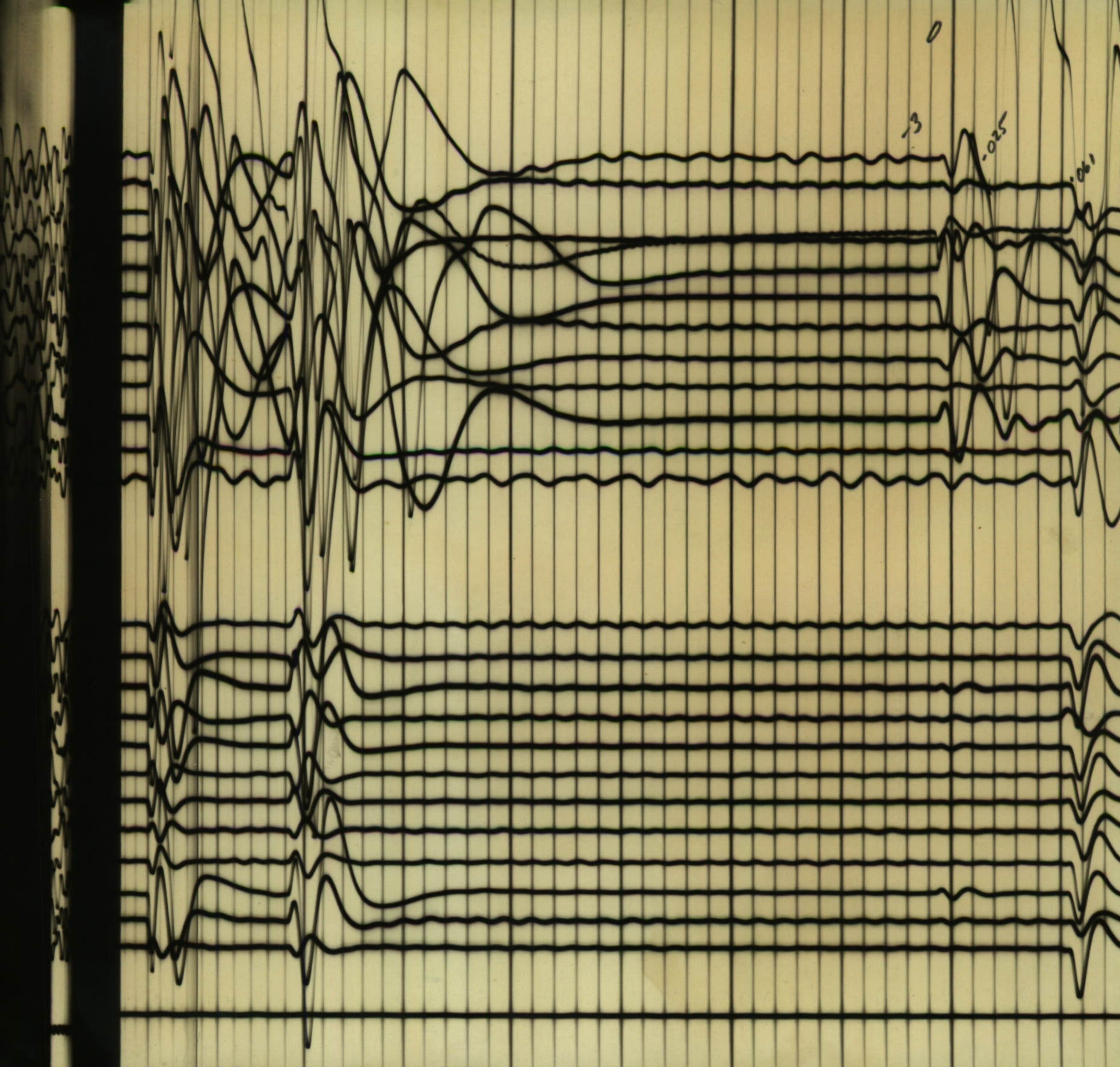
DATE 3<sup>RD</sup> OCT '71

TIE S.P. .... DIR. ....

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TIE S.P. 4407 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4398

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53634  
53520

## RECORDING

INST TYPE

GA-33

FILTERS

1/20 - 1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0' - 5280'

## PLAYBACK

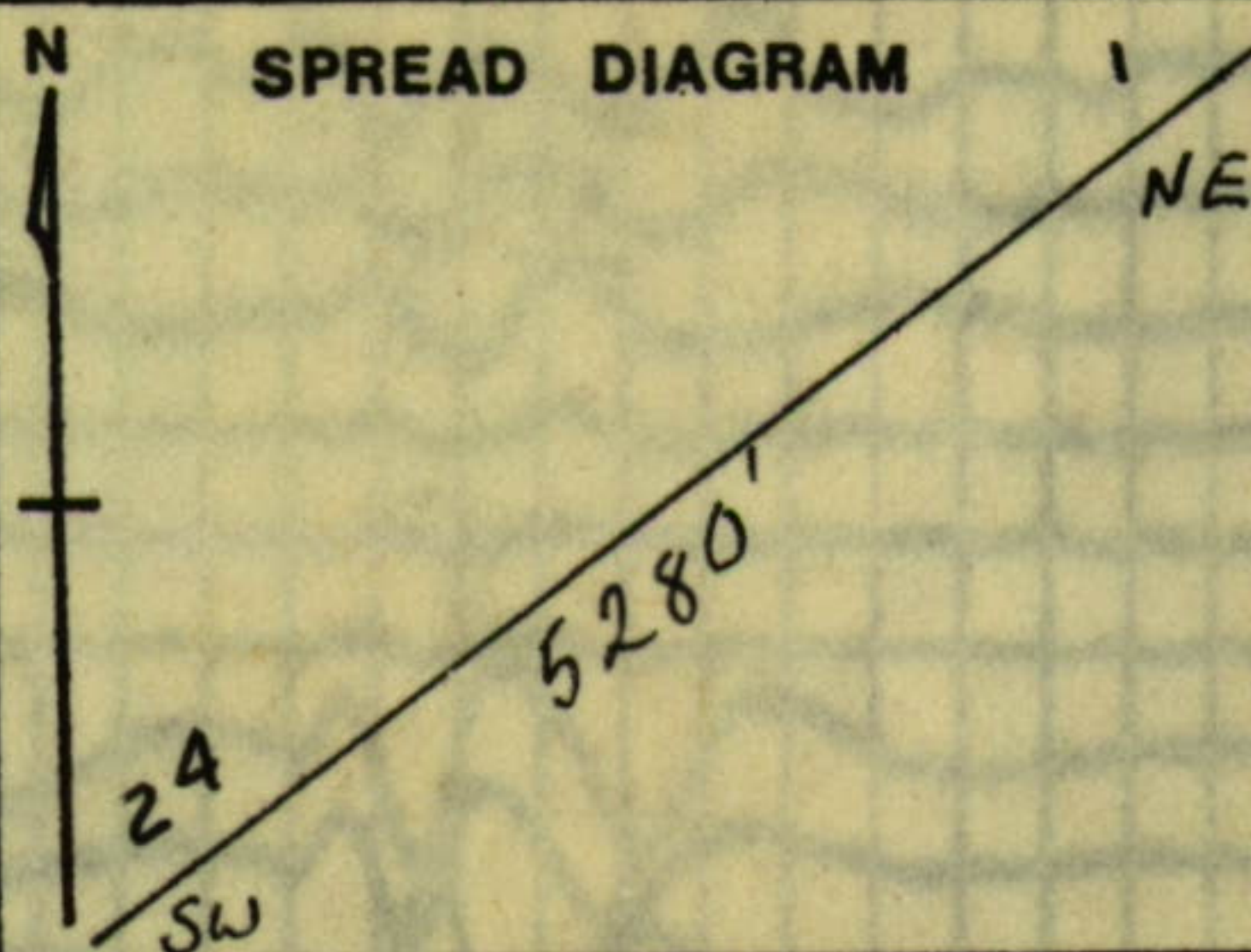
FILTERS

1/20 - 1/65

AGC

SLOW

Vc.....  
Elev..... Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES**

PTY LTD

DATE 3<sup>RD</sup> OCT '71

TIE S.P. \_\_\_\_\_ DIR \_\_\_\_\_

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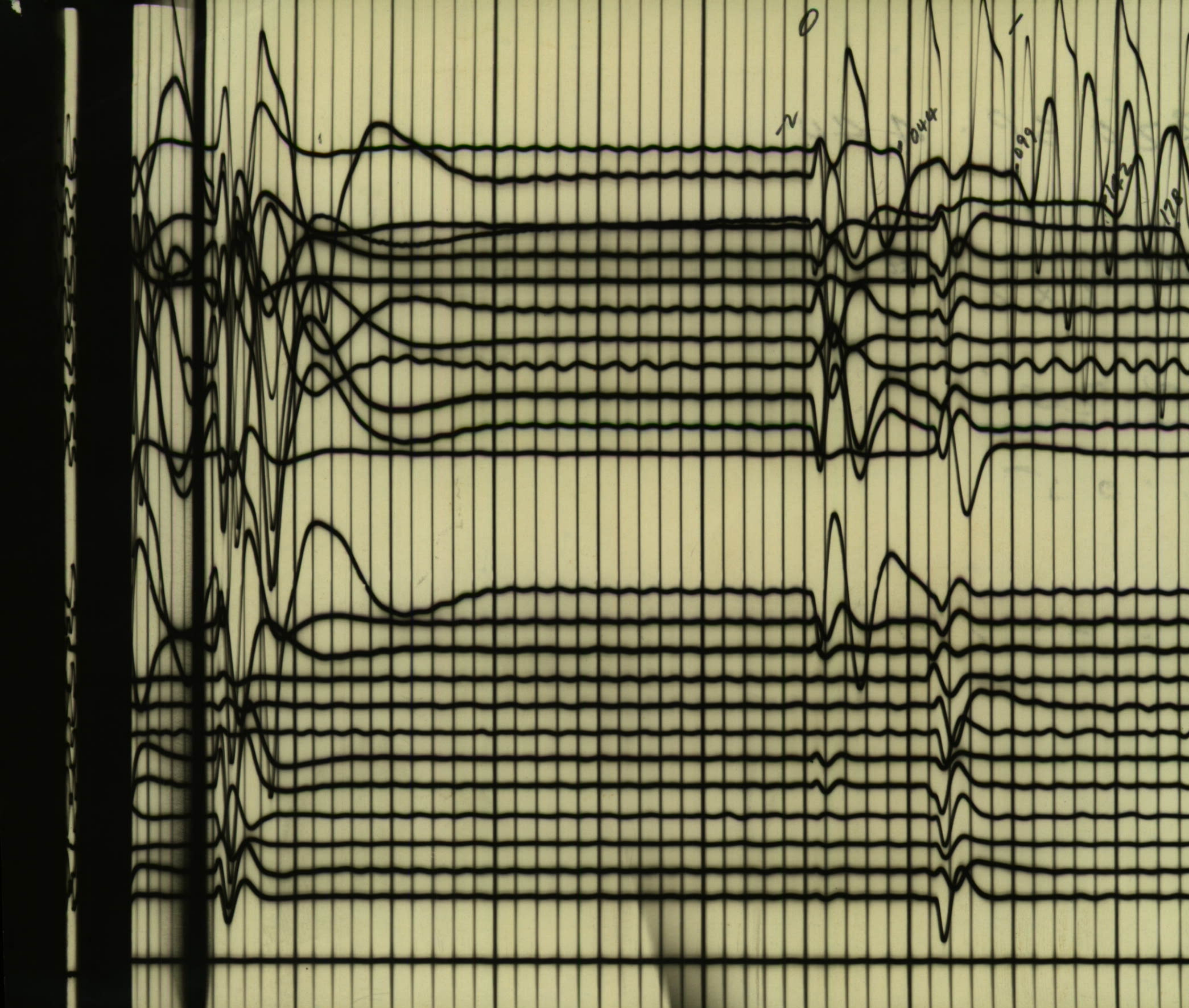
22

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TIE S.P. 4410 DIR SW







HOLE LOG

CLIENT

HARTOGEN

PROSPECT

COOTABYNIA

STATE

QLD

S.P.

4404

LINE

820

SHOT No.

A

DEPTH OF SHOT

20'

CHARGE SIZE

6x5#

HOLE PATTERN

IN LINE

MON.

PBK.

TAPE No.

53521

## RECORDING

INST TYPE

GA-33

FILTERS

1/20

1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0' 5280'

## PLAYBACK

FILTERS

1/20

1/65

AGC

SLOW

Vc.....

Elev. 1170.8

Tsd.....

Ds.....

Tuh.....

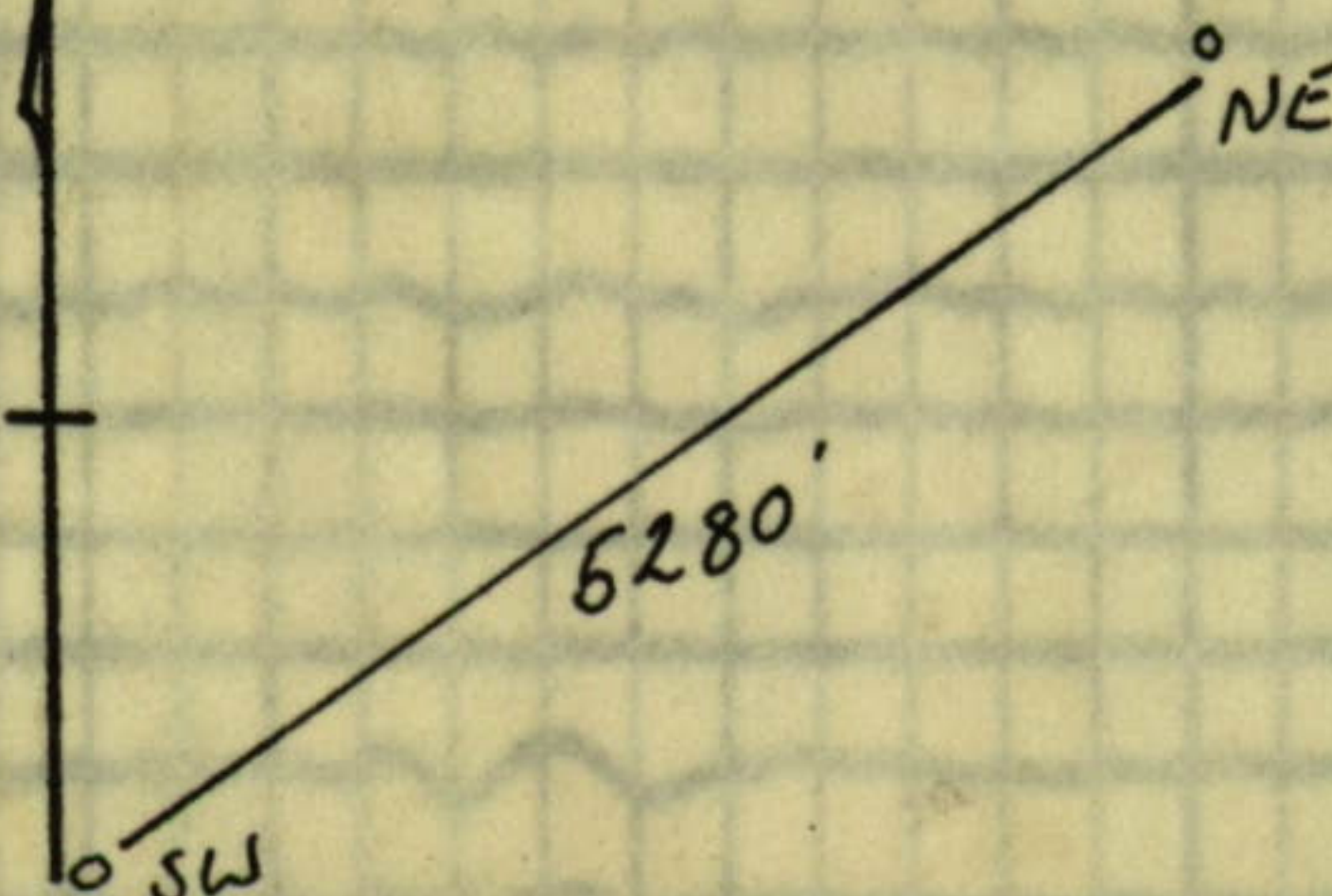
Es.....

Dtm.....

S-D.....

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## SPREAD DIAGRAM



SHOT BY:

GES

PTY LTD

DATE 3<sup>RD</sup> OCT '71

TIE S.P.

DIR

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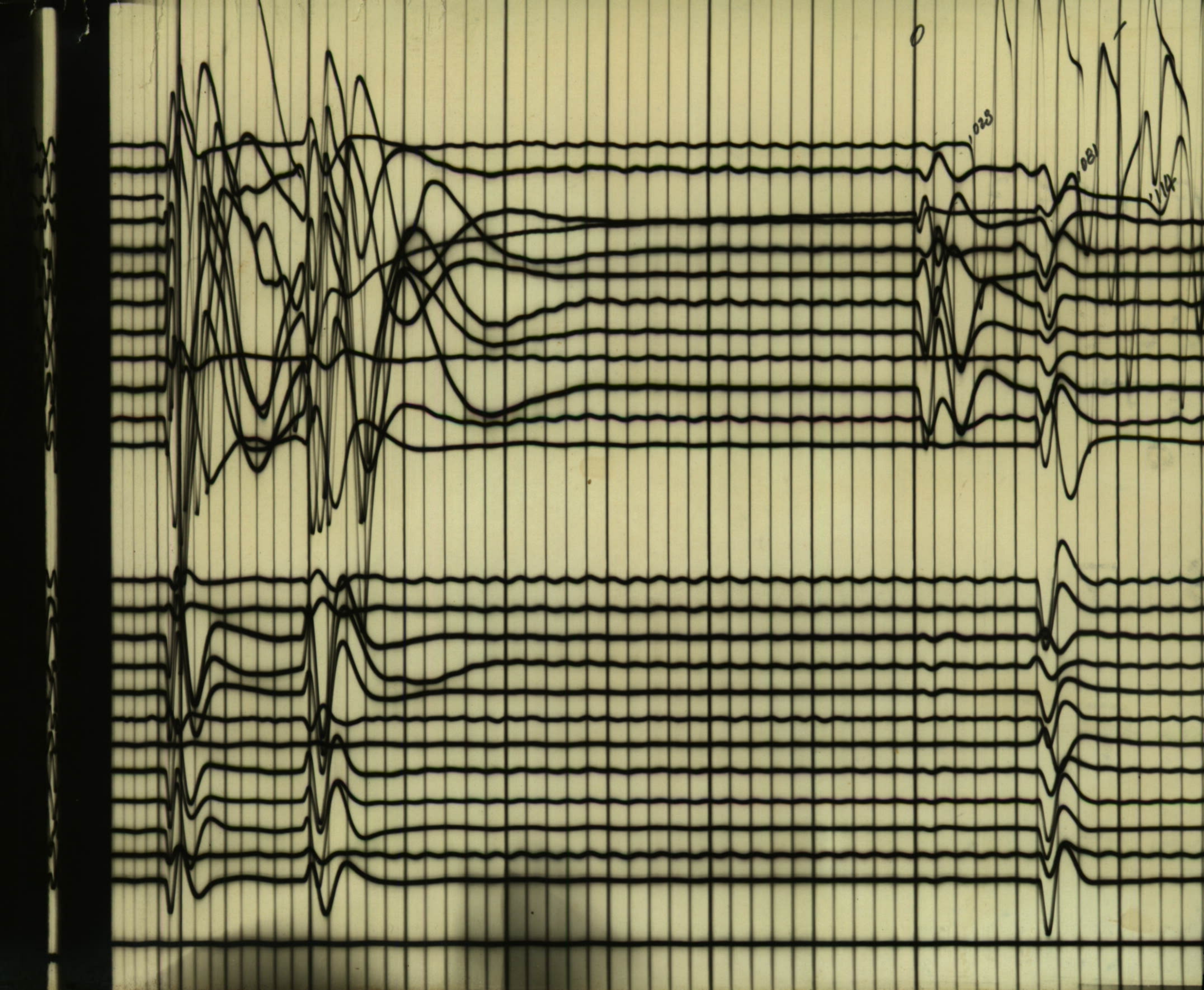
24

TIE S.P.

DIR

SW







CLIENT

HARTOGEN

PROSPECT

COOTABYNIA

STATE

QLD

S.P.

4404

LINE

820

SHOT No.

A

DEPTH OF SHOT

20'

CHARGE SIZE

6x5#

HOLE PATTERN

IN LINE

MON.

PBK.

TAPE No.

53522

## RECORDING

INST TYPE

GA-33

FILTERS

1/20

1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0' - 5280

## PLAYBACK

FILTERS

1/20

1/65

AGC

SLOW

Vc

Elev. 1177.7

Tsd

Ds

Tuh

Es

Dtm

S-D

N

SPREAD DIAGRAM

NE

5280'

S.W.

SHOT BY:

GES

PTY LTD

DATE 3RD OCT '71

TIE S.P. DIR

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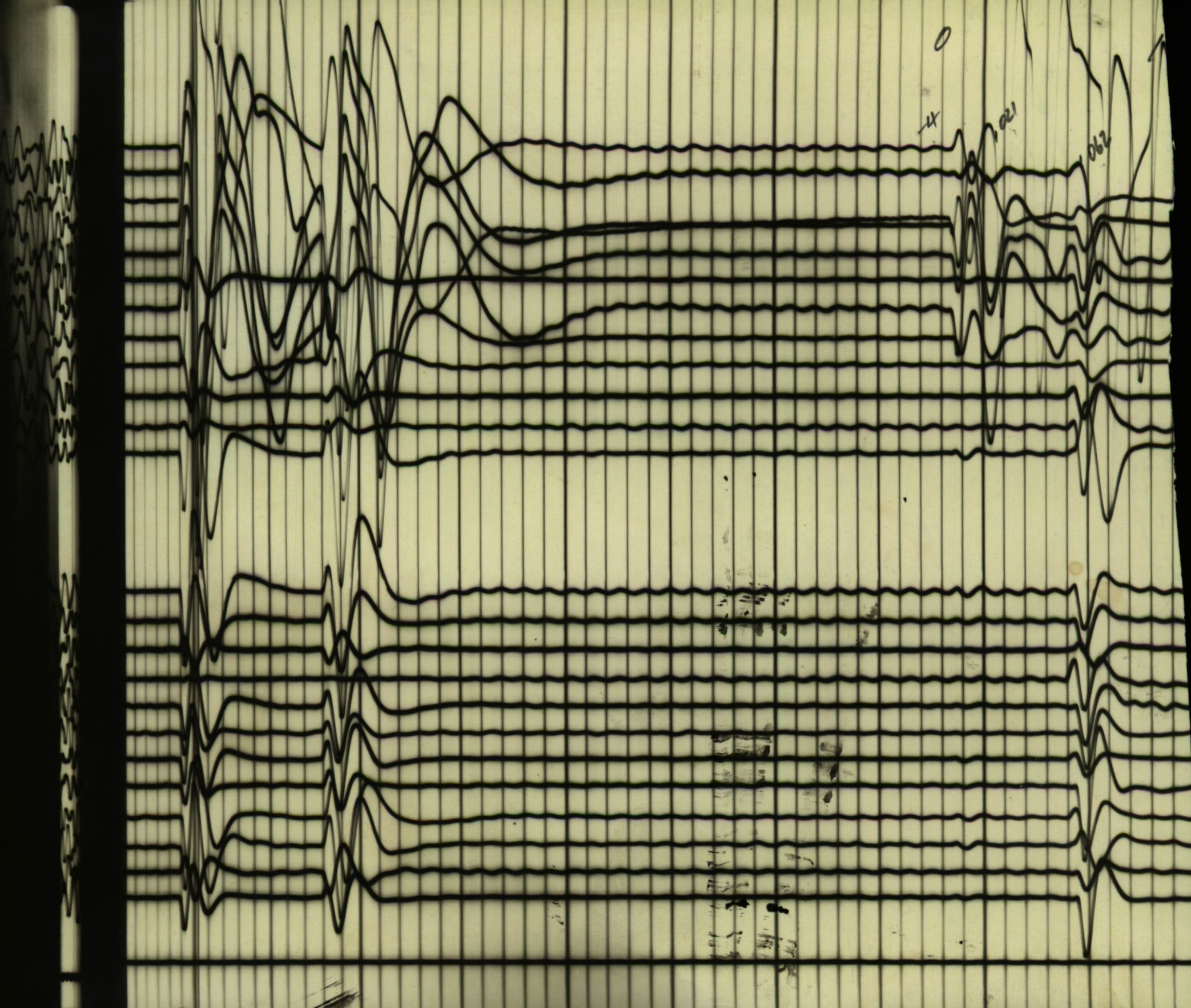
23

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TIE S.P.

DIR 5W







CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4407

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6 x 5#HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53523

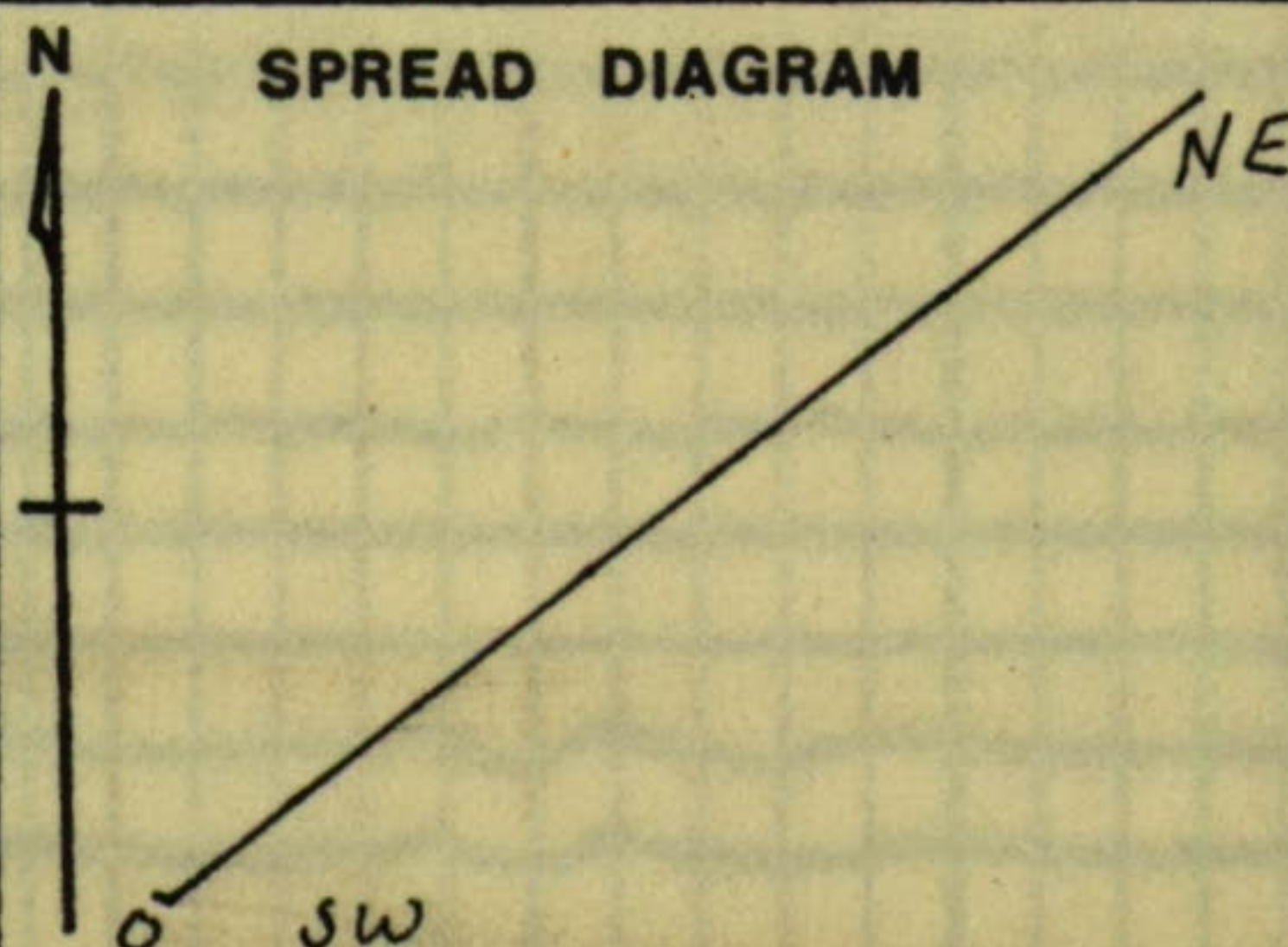
## RECORDING

INST TYPE GA-33FILTERS 1/20 - 1/65AGC SHOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 - 1/65AGC SHOW

Vc. ....  
 Elev. 1181.6 Tsd. ....  
 Ds. .... Tuh. ....  
 Es. ....  
 Dtm. ....  
 S-D \_\_\_\_\_



SHOT BY:

**GES** PTY LTDDATE 3<sup>rd</sup> OCT '71

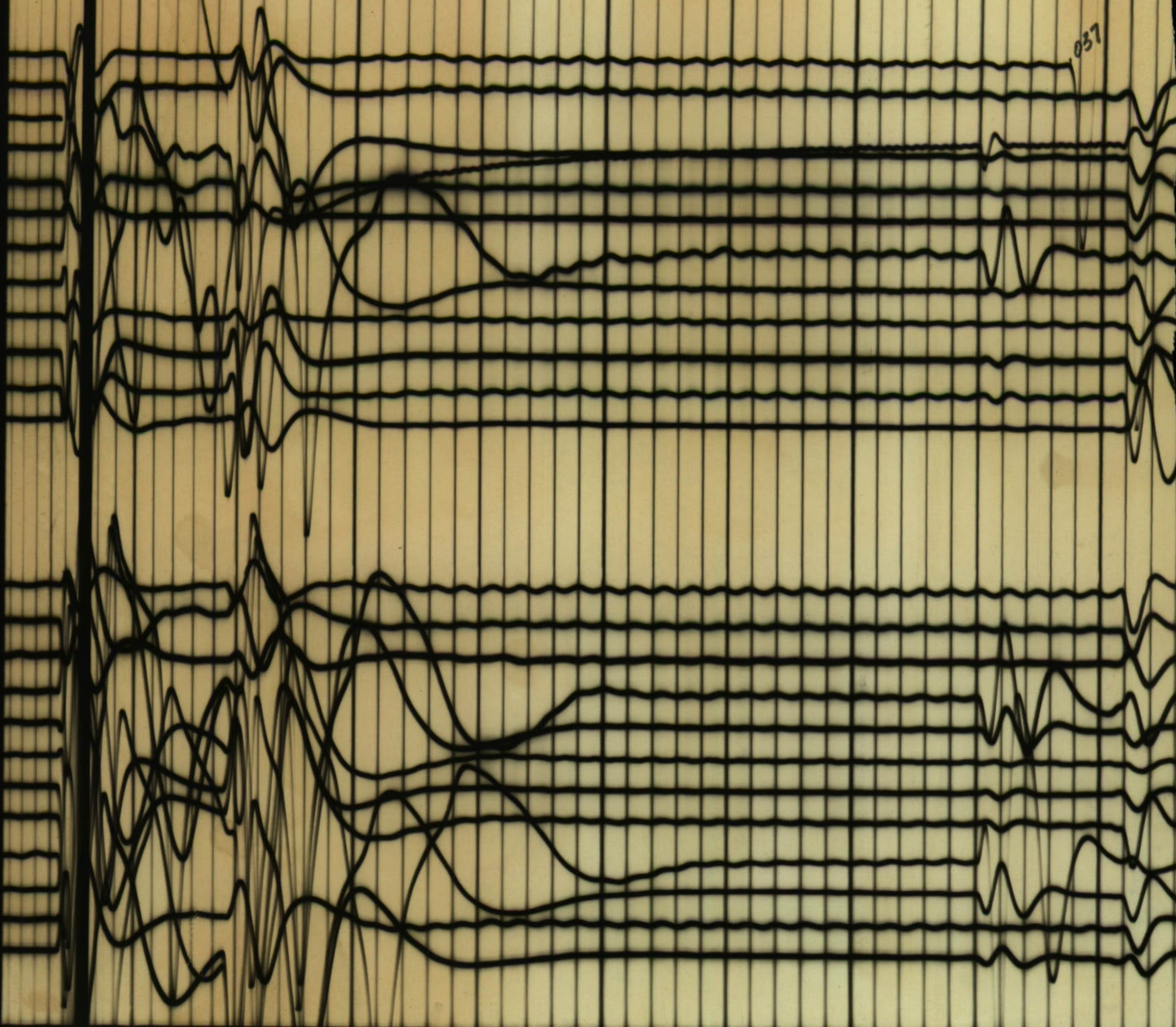
TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

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24TIE S.P. 4419 DIR. SW



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037





HOLE LOG

CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4410 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6 X 5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53524

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

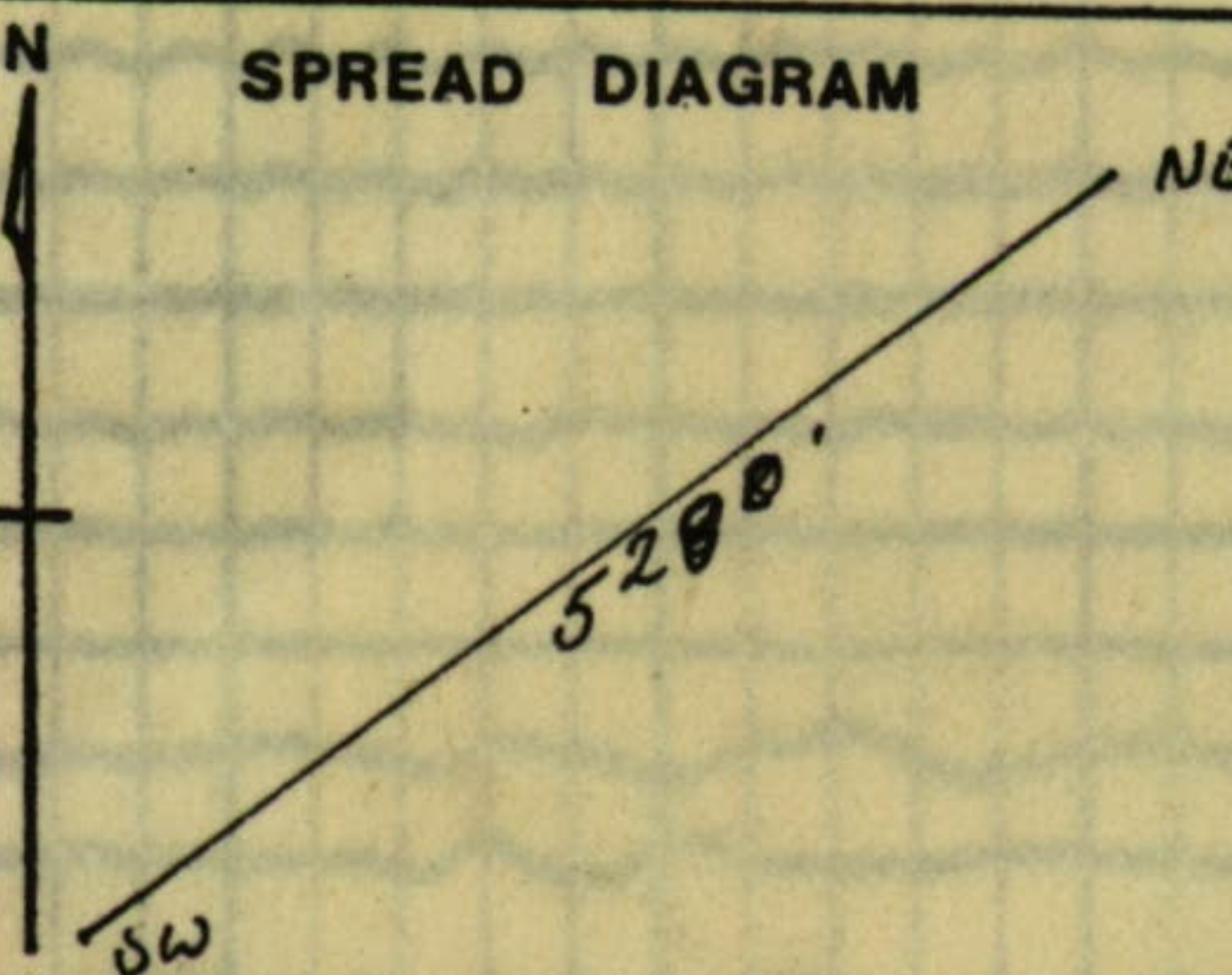
SPREAD TYPE 0'-5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

V<sub>c</sub> 1193.4 Elev. 1193.4 Tsd. .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES** PTY LTD

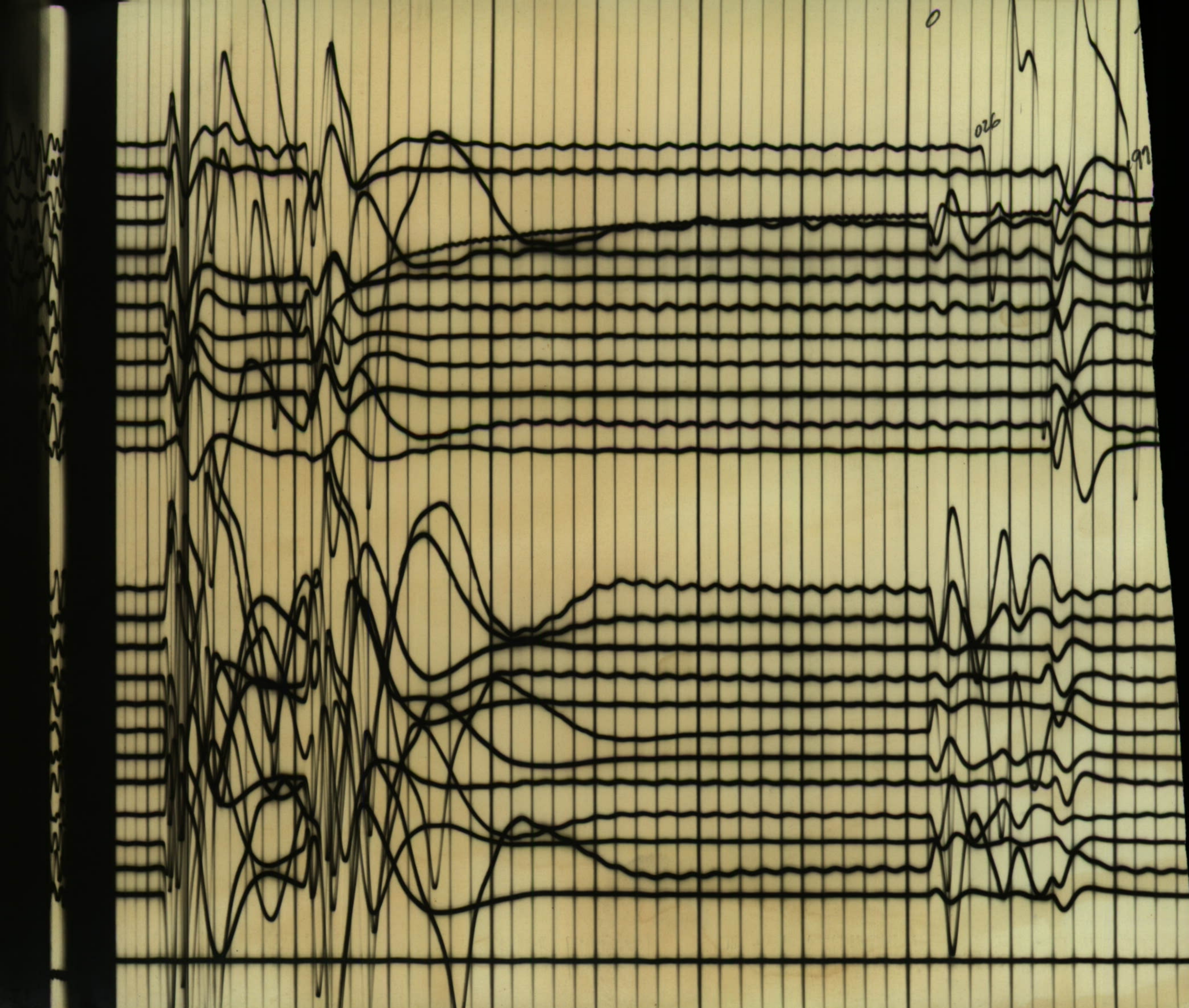
DATE 3<sup>RD</sup> Oct '71

TIE S.P. 4422 DIR SW

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TIE S.P. 4422 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4413

LINE

820SHOT No. \_\_\_\_\_ DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN \_\_\_\_\_ MON \_\_\_\_\_ PBK ☒ TAPE No. 53625

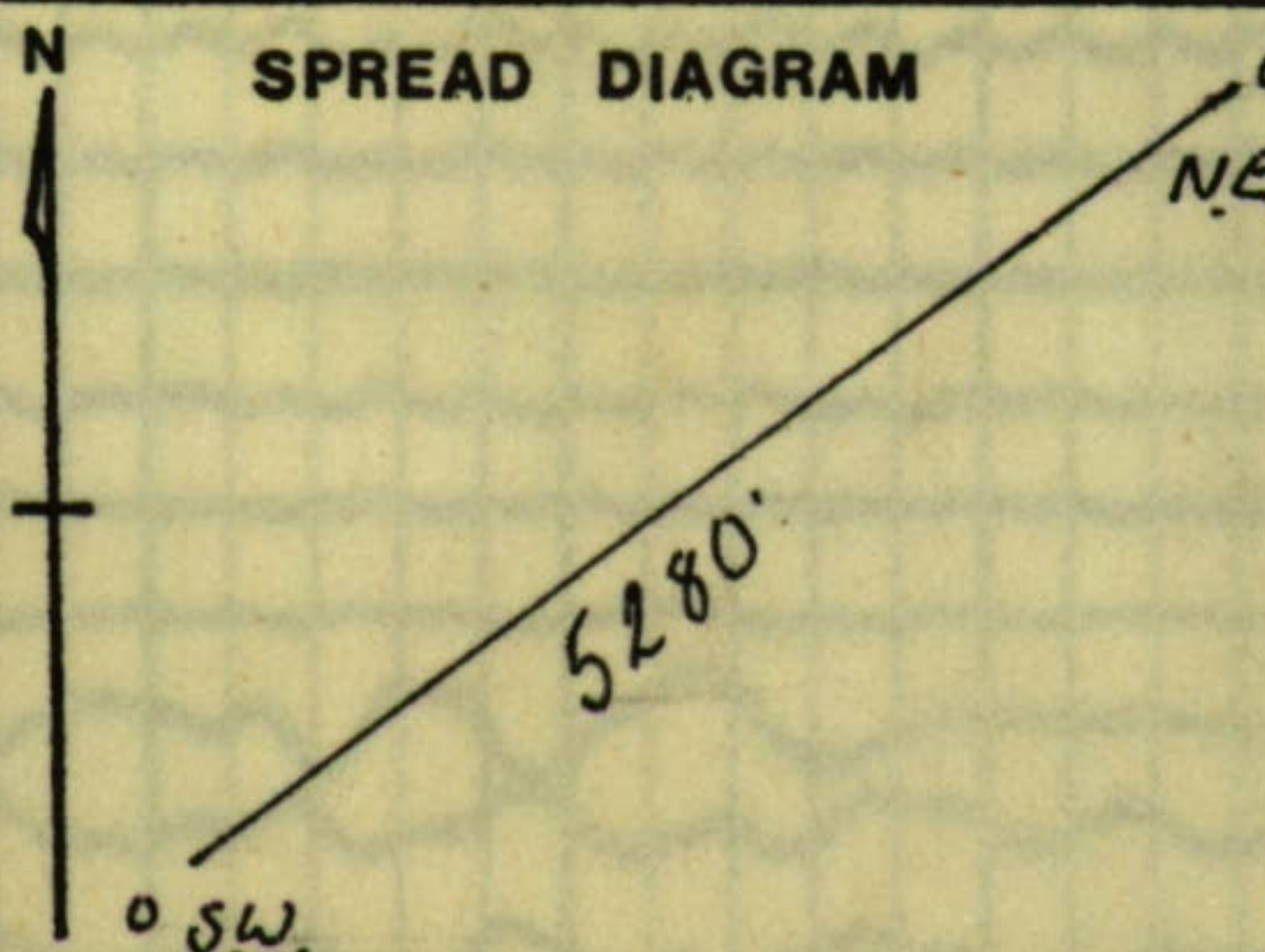
## RECORDING

INST TYPE GA-33FILTERS 1/20 - 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 - 1/65AGC SLOW

Vc. ....  
Elev. 1184.5 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D \_\_\_\_\_



SHOT BY:

**GES**

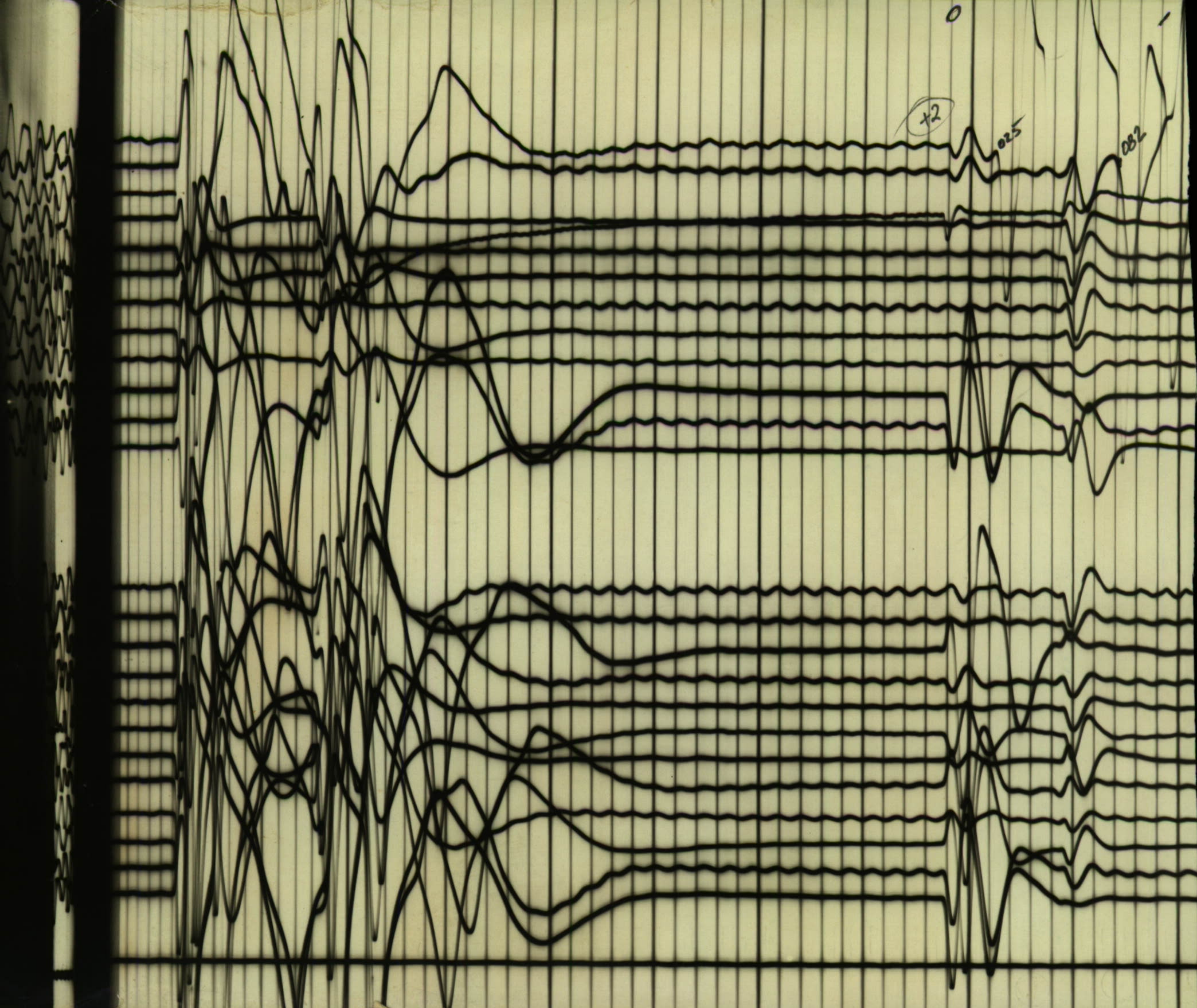
PTY LTD

DATE OCT 3RD '71

TIE S.P. \_\_\_\_\_ DIR \_\_\_\_\_

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24TIE S.P. 4425 DIR SW







HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4416 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53626

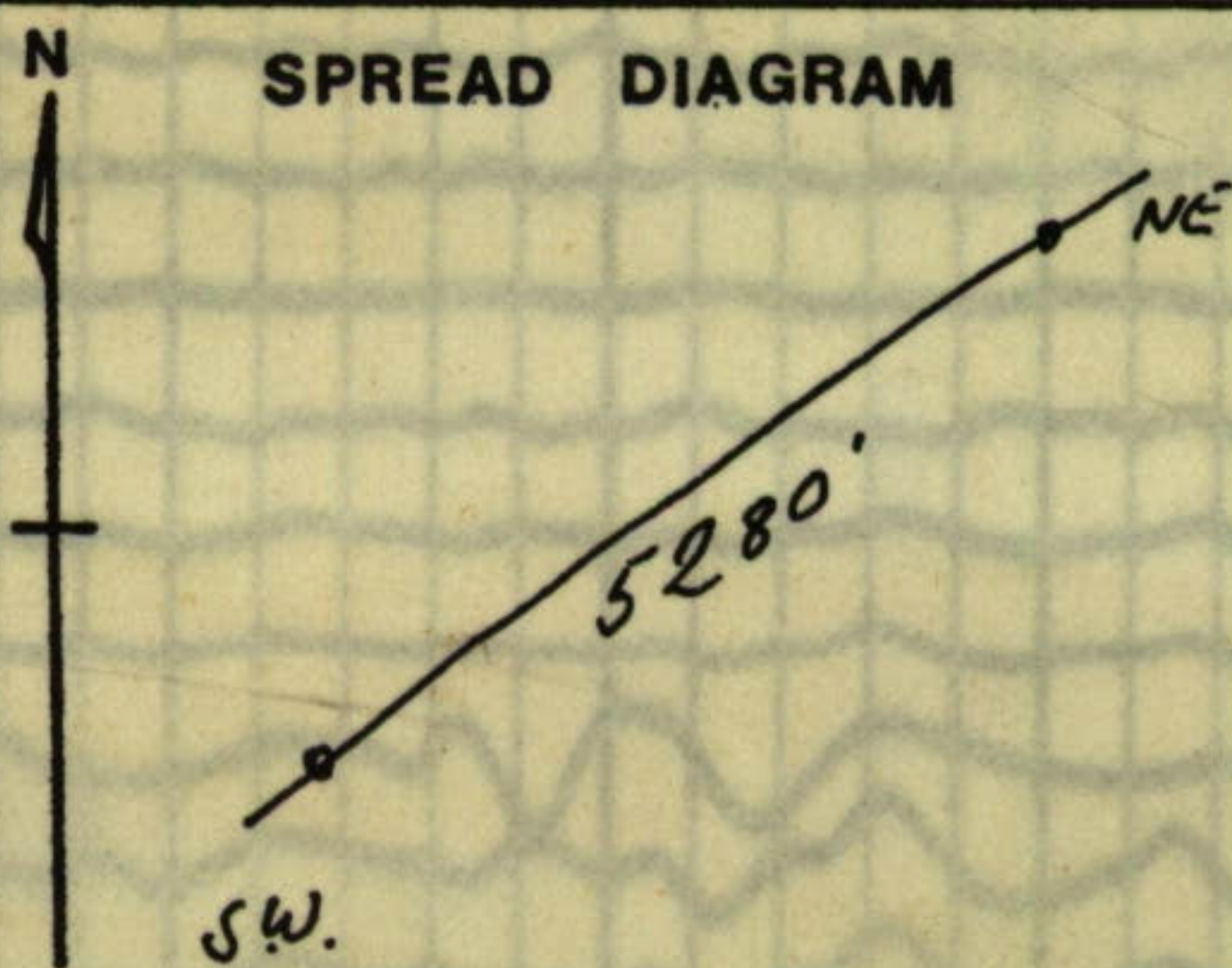
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. .... 1176.7  
Elev. ~~714.5~~ ← Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES** PTY LTDDATE 3RD OCT 71

TIE S.P. .... DIR. ....

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24TIE S.P. 4416 DIR SW



HOLE LOG

CLIENT HARTOGEN.

PROSPECT COOTABYNIA STATE QLD

S.P. 4416 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 1x5

HOLE PATTERN 1HOLE MON. ☒ PBK. TAPE No. 53526

## RECORDING

INST TYPE GA-33

FILTERS 1/20 - 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220

SHOT POINT INT. 660

SPREAD TYPE 0-5280

## PLAYBACK

FILTERS 1/20 - 1/65

AGC SLOW

Vc. ....

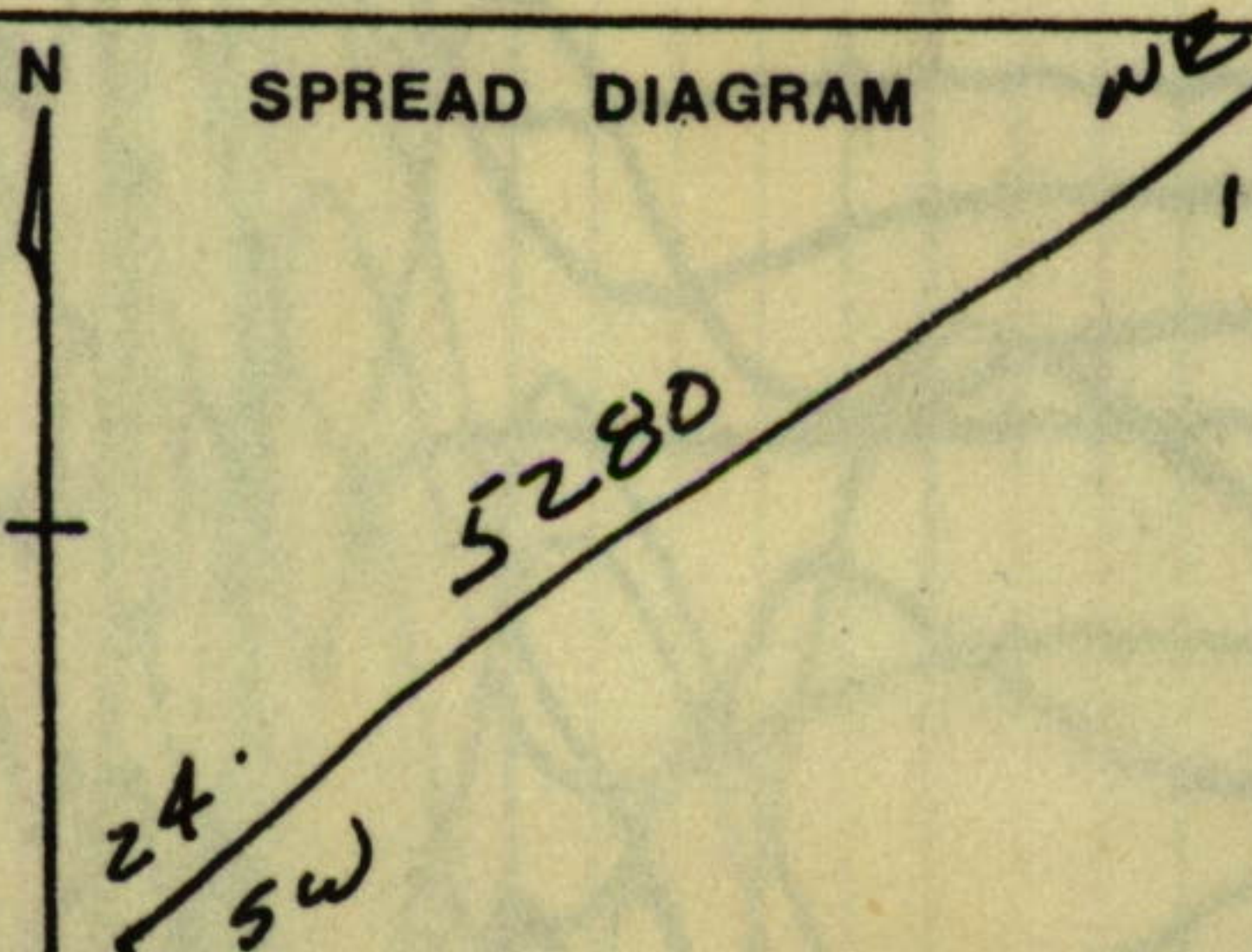
Elev. 1176.7 Tsd. ....

Ds. .... Tuh. ....

Es. ....

Dtm. ....

S-D. ....



SHOT BY:

**GES** PTY LTD

DATE .....

TIE S.P. .... DIR. ....

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24TIE S.P. 4428 DIR. SW



CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P.

4419

LINE

820

SHOT No. A <sup>4419</sup> DEPTH OF SHOT 20' CHARGE SIZE 6X5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53627

RECORDING

INST TYPE G.A. - 33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

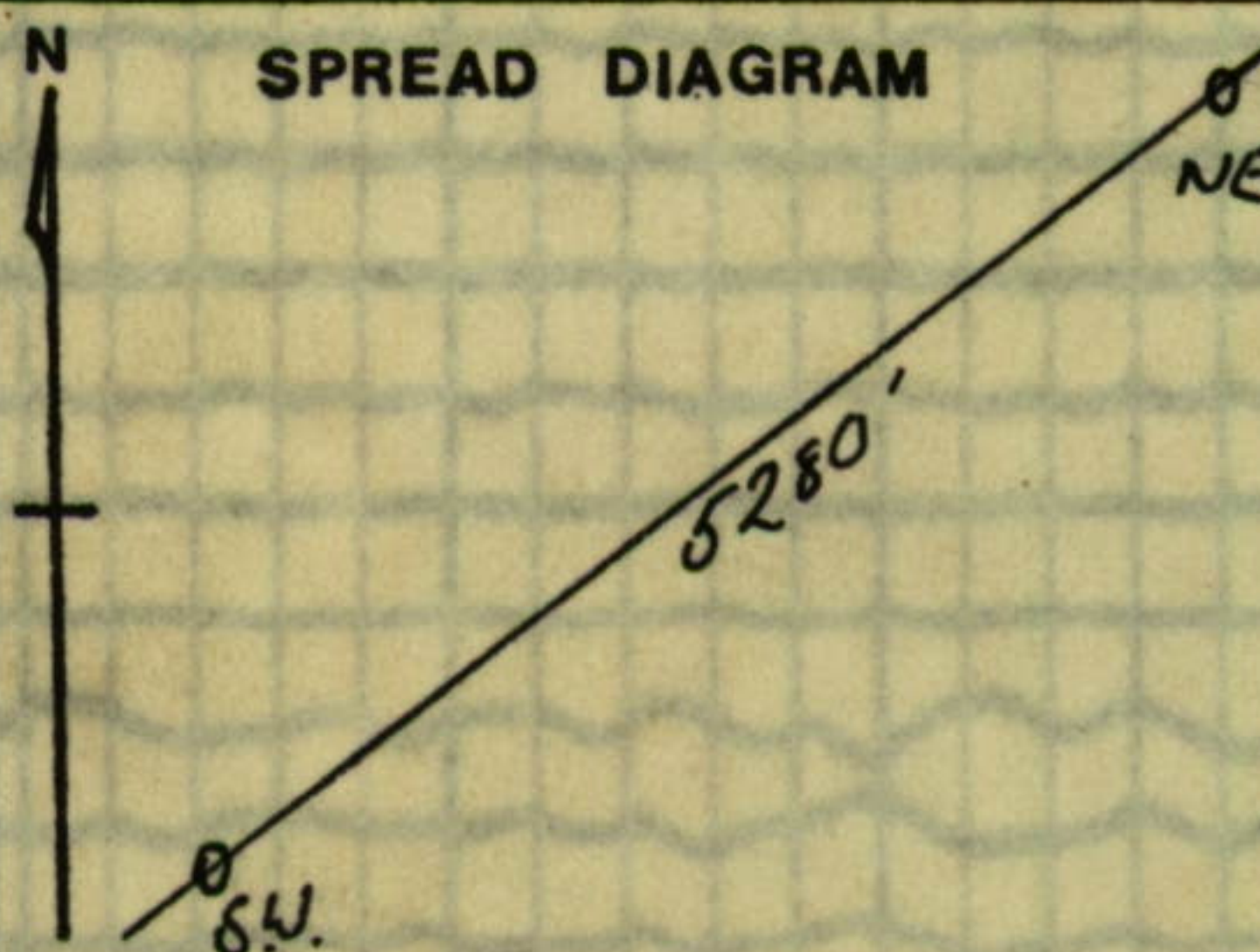
SPREAD TYPE 0' - 5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc.....  
Elev. 1183.3 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES**

PTY LTD

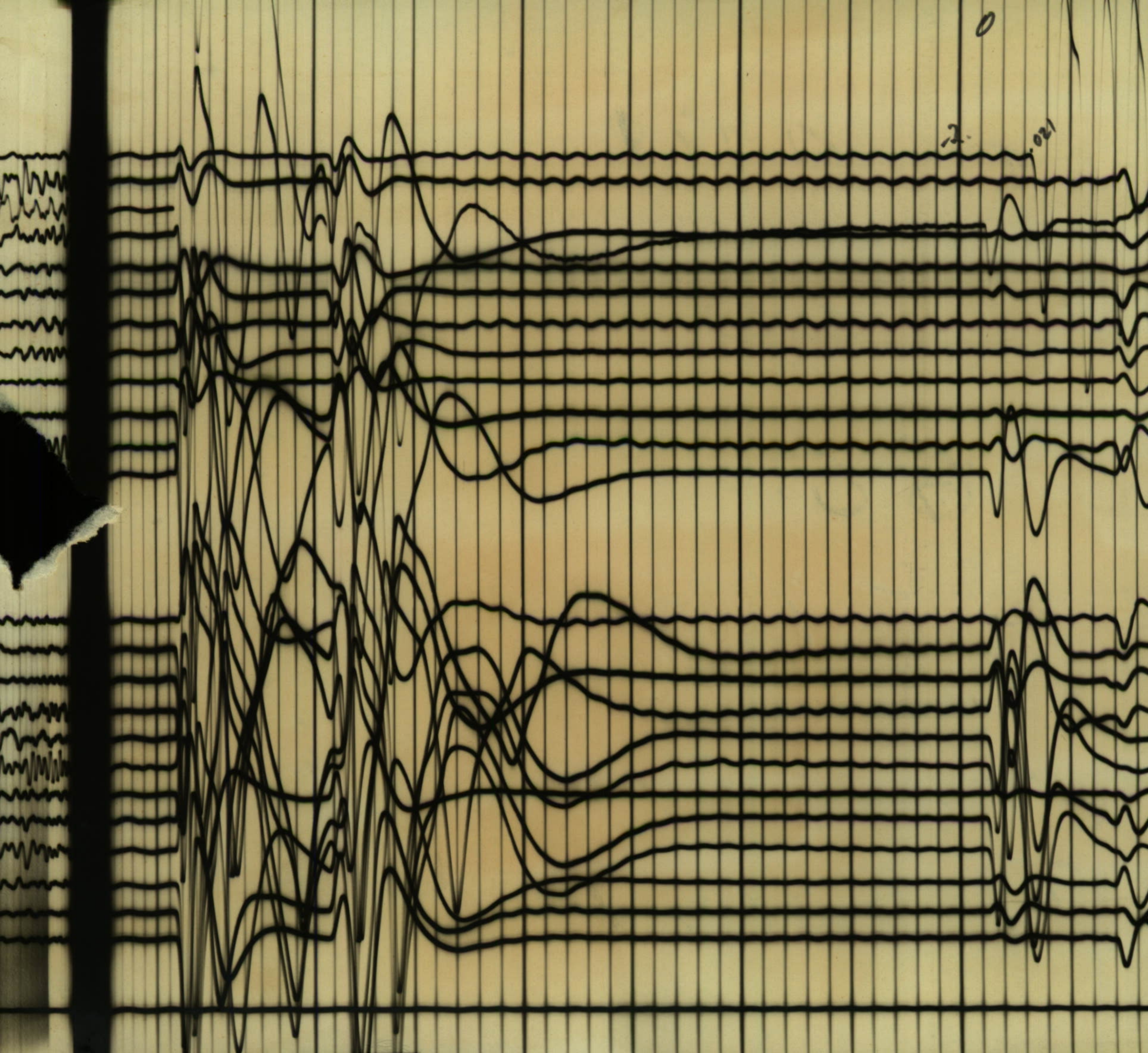
DATE 3RD OCT '71

TIE S.P. 4419 DIR SW

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TIE S.P. 4419 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4422

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#

HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53628

RECORDING

INST TYPE GA-33

FILTERS 1/20 - 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

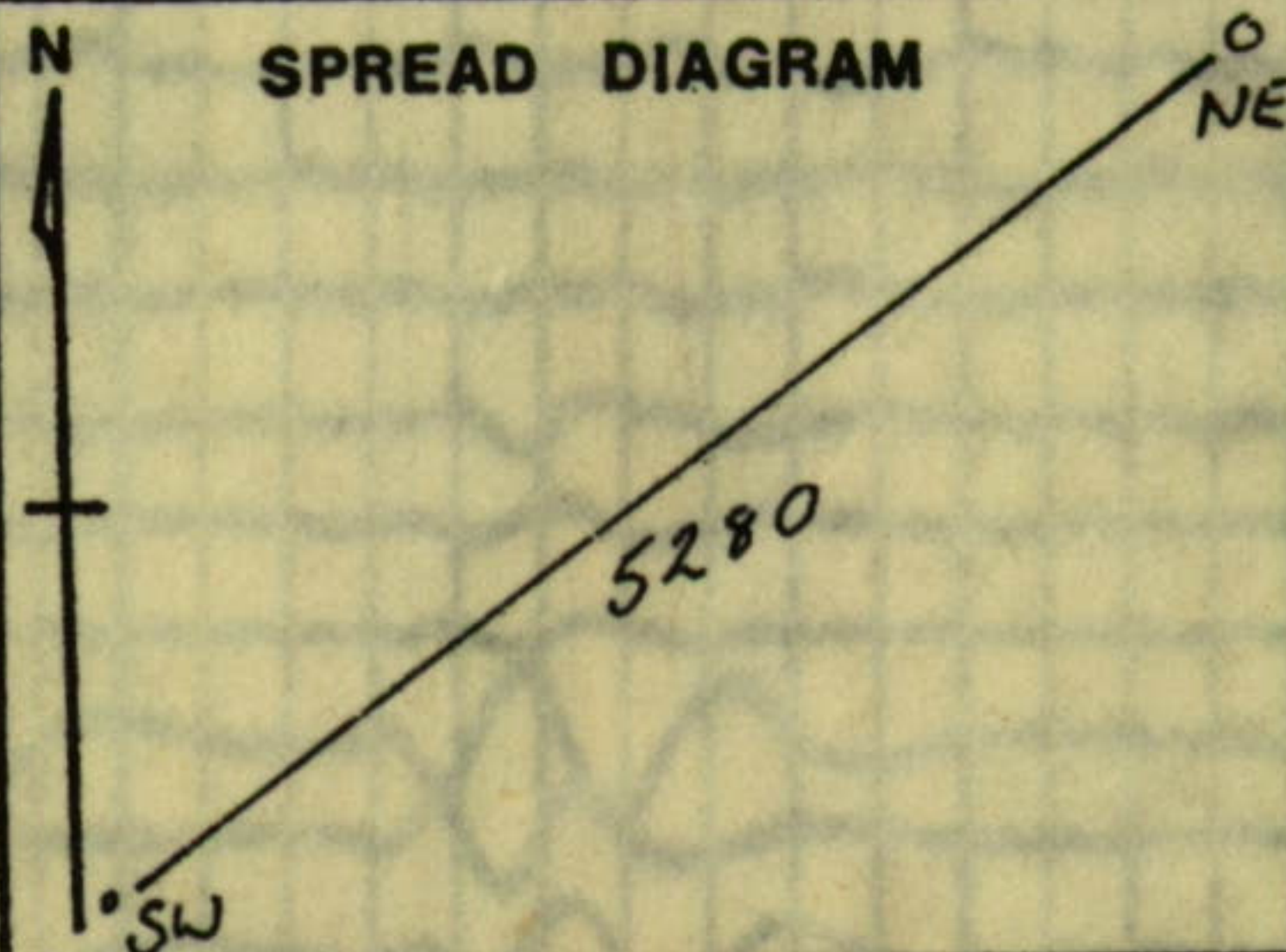
SPREAD TYPE 0 - 5280'

PLAYBACK

FILTERS 1/20 - 1/65

AGC SLOW

Vc. ....  
Elev. 1190.3 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D \_\_\_\_\_



SHOT BY:

**GES** PTY LTD

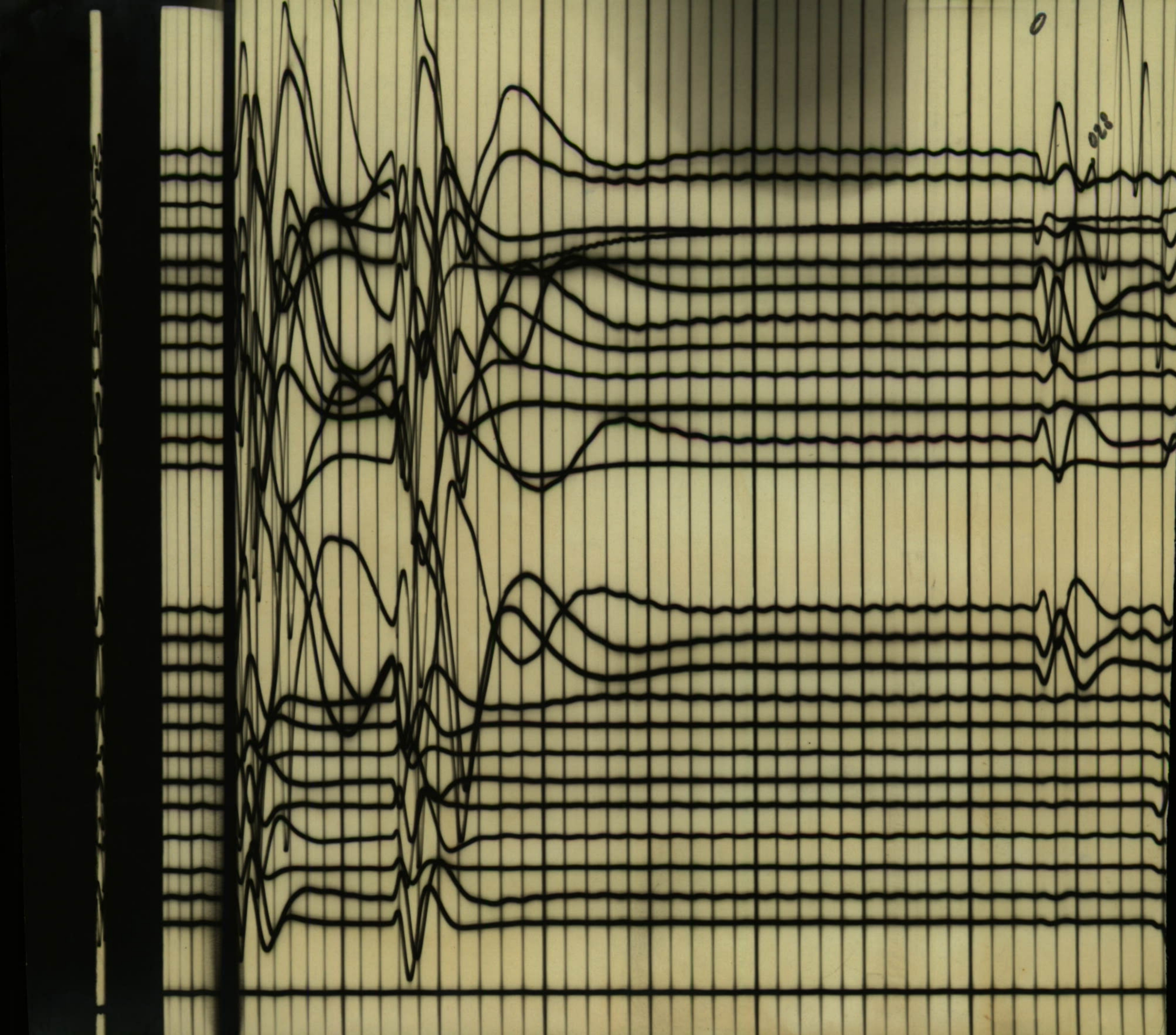
DATE 3RD OCT '71

TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

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TIE S.P. 4434 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4425 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5 #HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53629

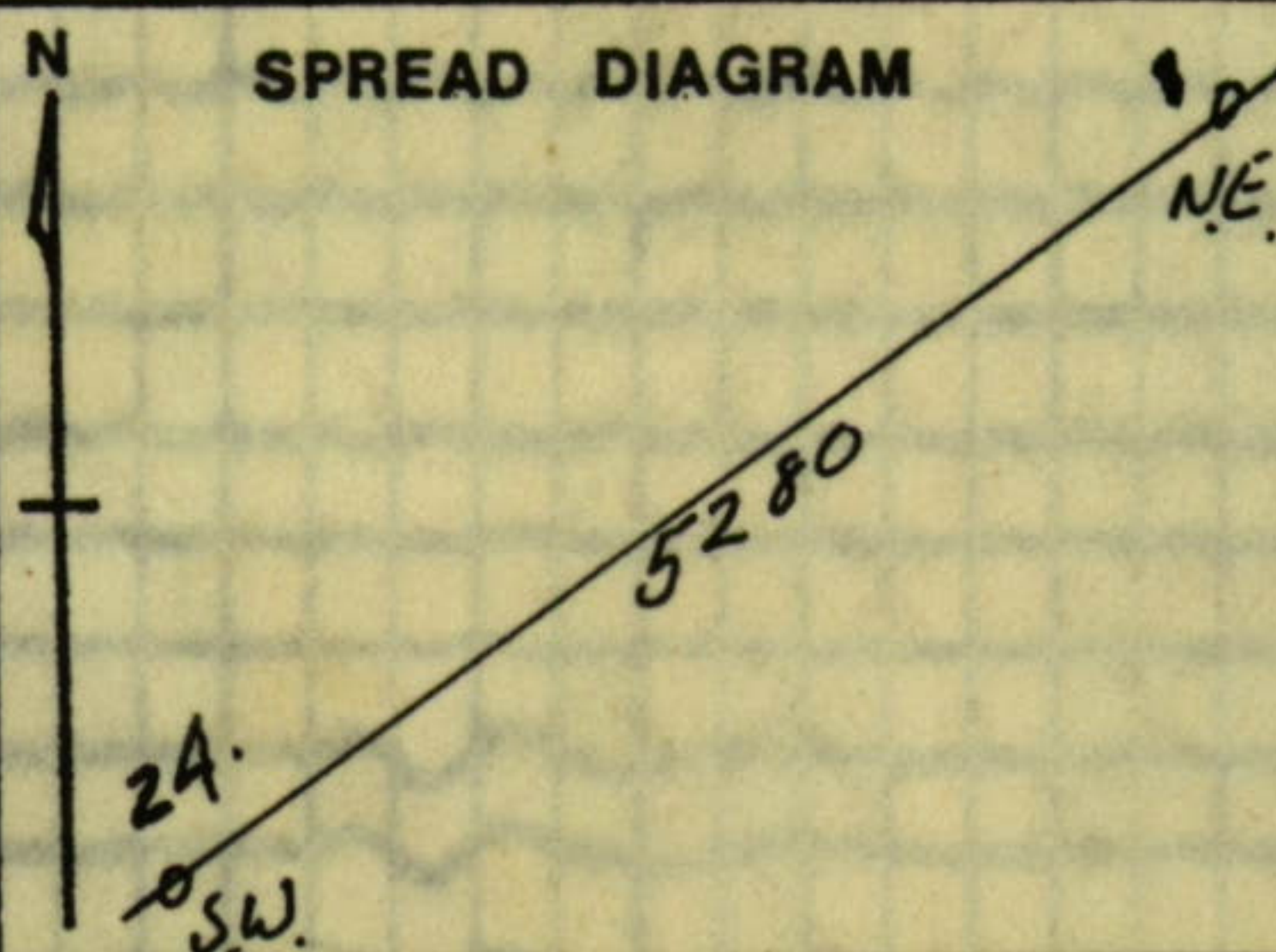
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0' - 5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....  
Elev. 1182.9 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES** PTY LTDDATE 3RD OCT 71TIE S.P. 4437 DIR SW

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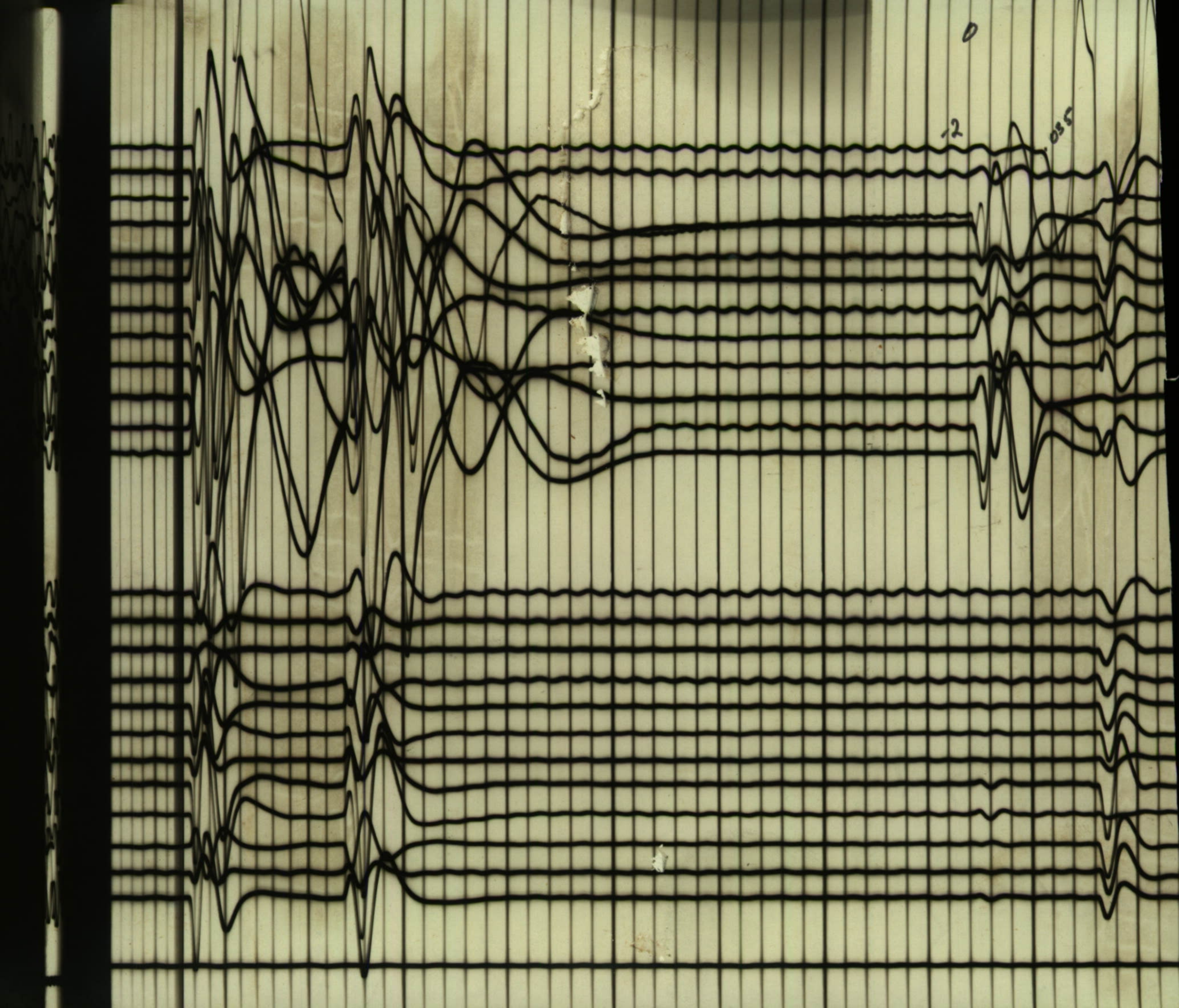
TIE S.P. 4437 DIR SW



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CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4428 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#  
20' APARTHOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53630

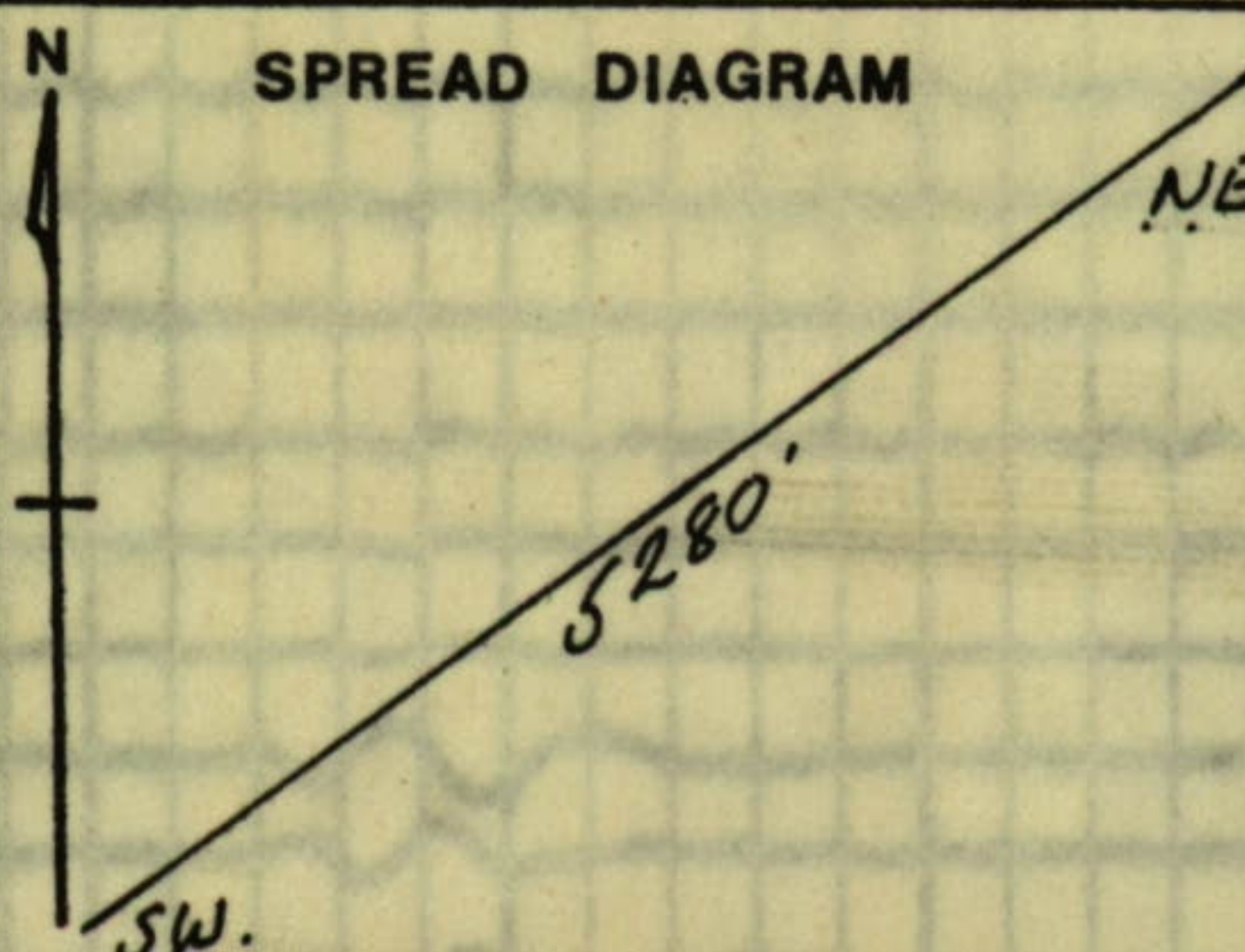
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc.....  
Elev. 1152.8 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



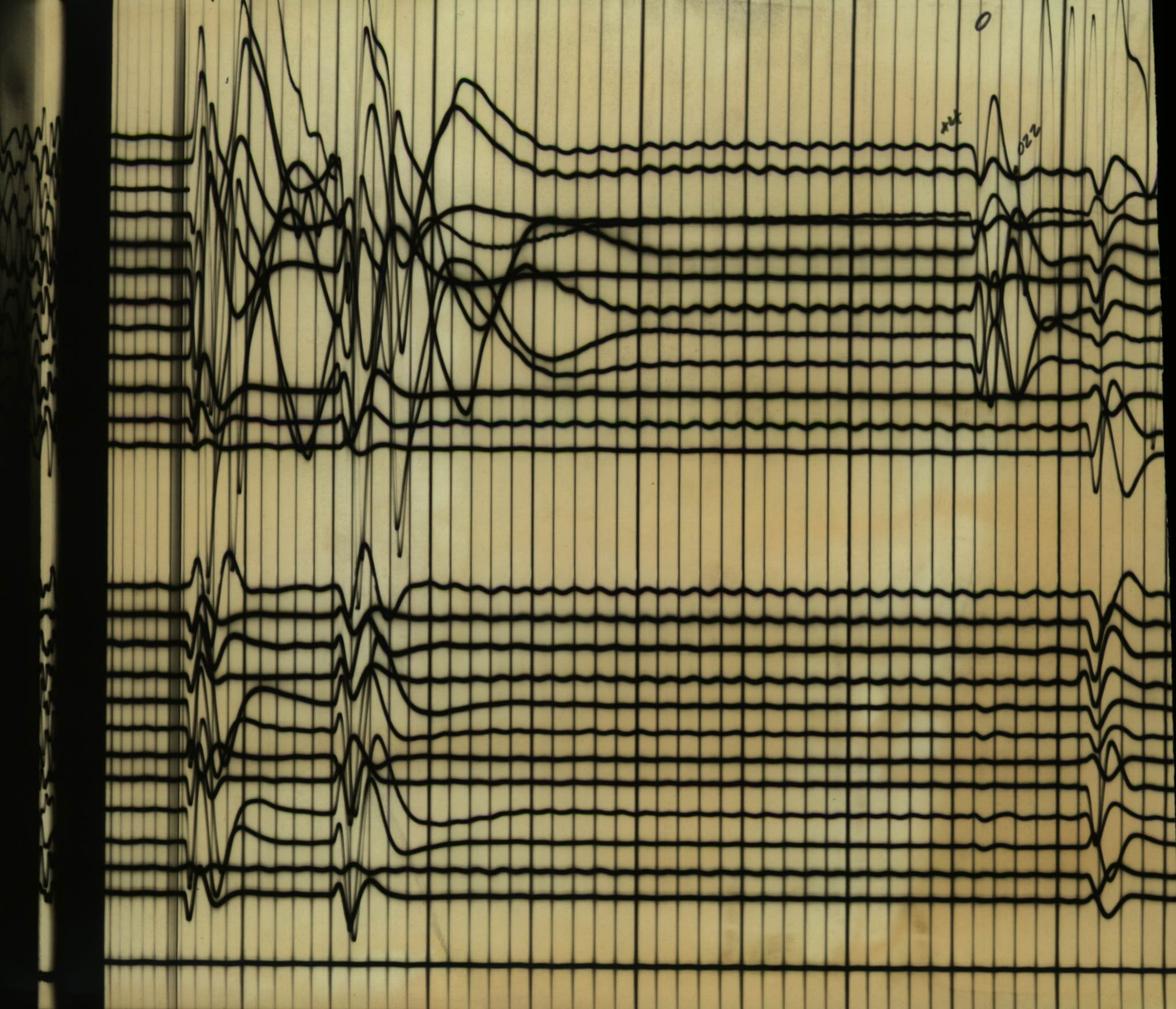
SHOT BY:

**GES** PTY LTDDATE OCT 3RD '71

TIE S.P. .... DIR .....

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24TIE S.P. 4440 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4431

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53631

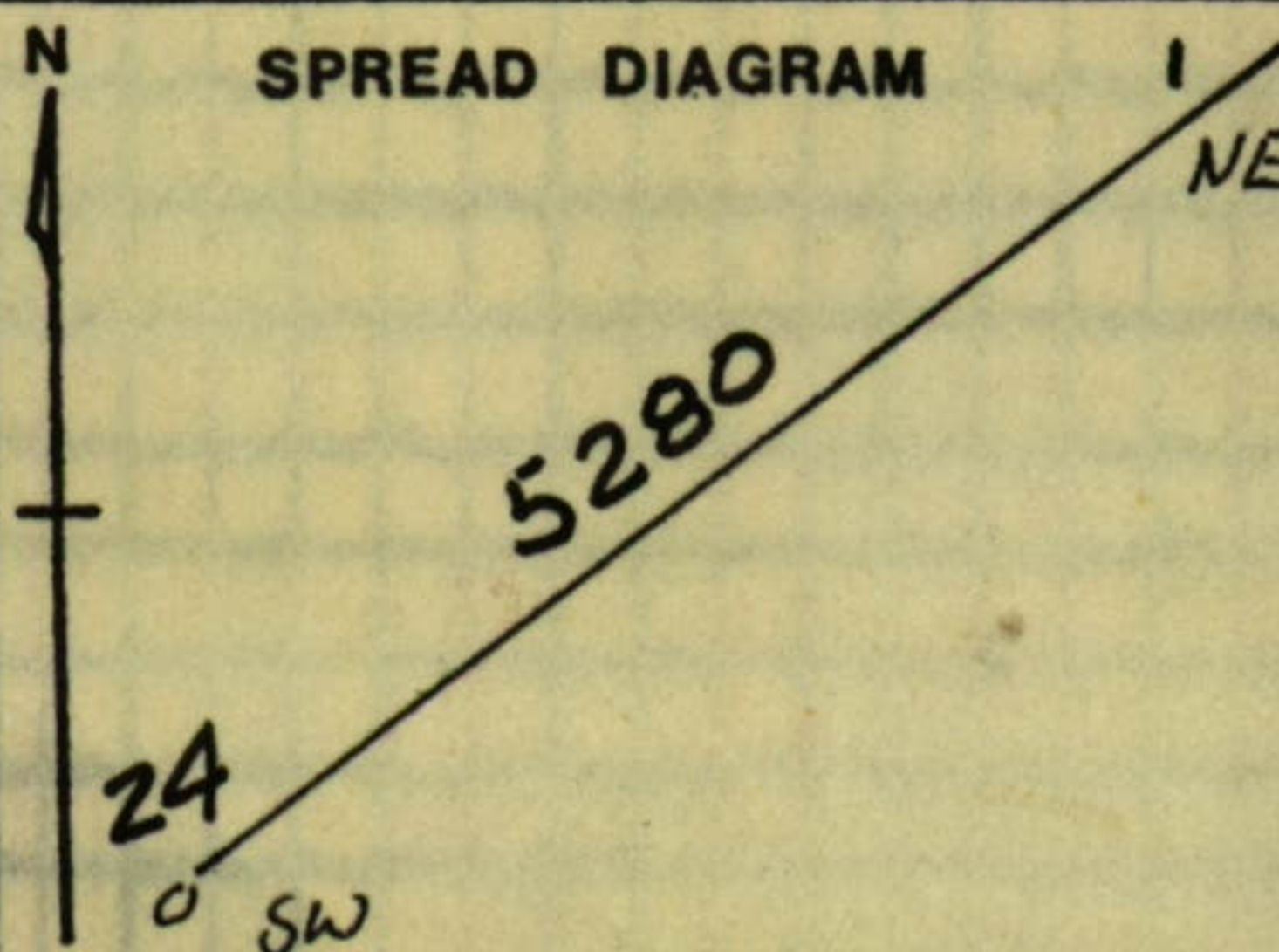
## RECORDING

INST TYPE GA-33FILTERS 1/20 - 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 - 1/65AGC SLOW

V<sub>c</sub> .....  
Elev. 1139.2 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES**

PTY LTD

DATE OCT 3<sup>RD</sup> '71

TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

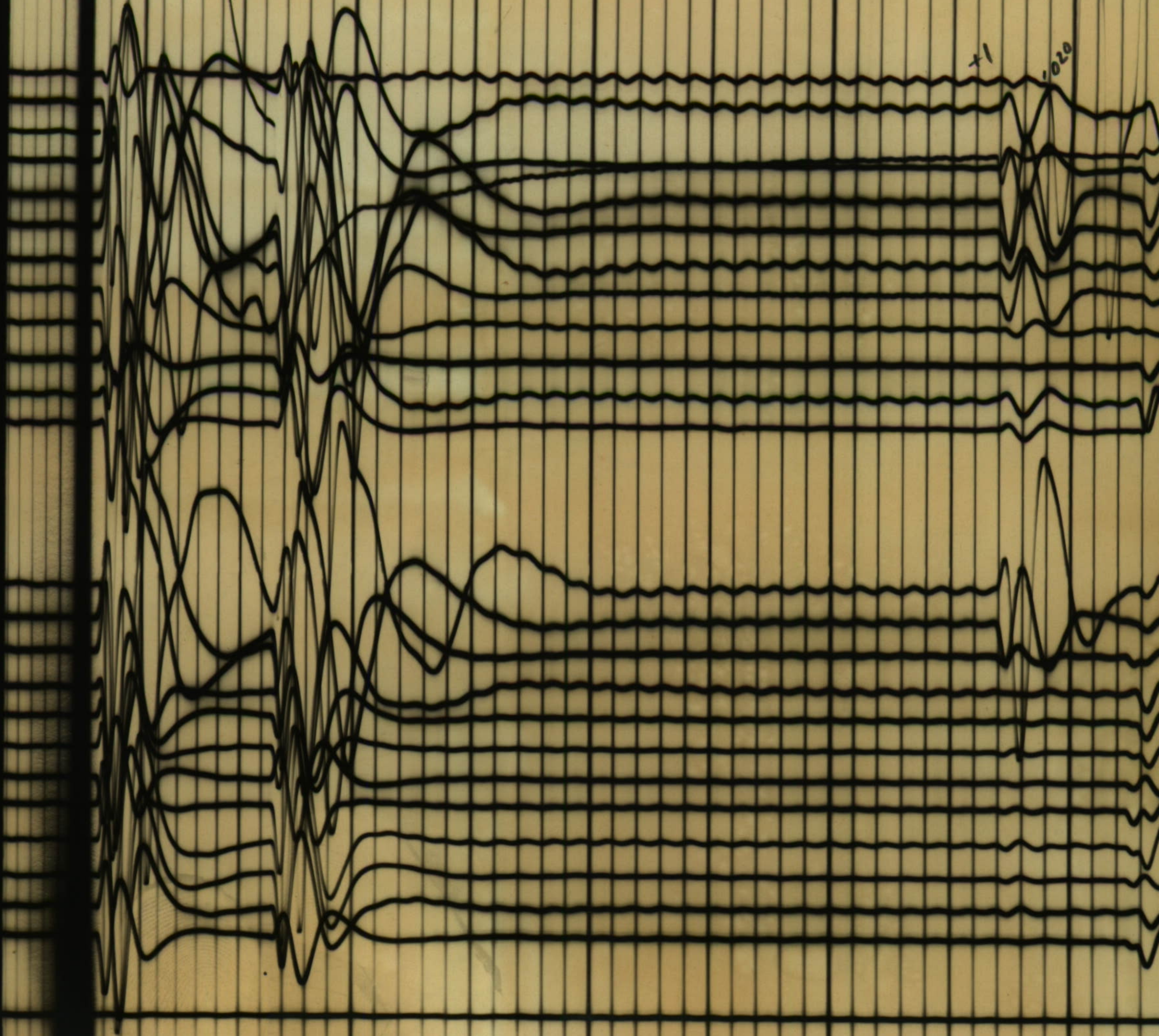
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24TIE S.P. 4443 DIR SW



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CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4434

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#

HOLE PATTERN INLINE MON. ✓ PBK. ✓ TAPE No. 53632

RECORDING

INST TYPE GA-33

FILTERS 1/20 - 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

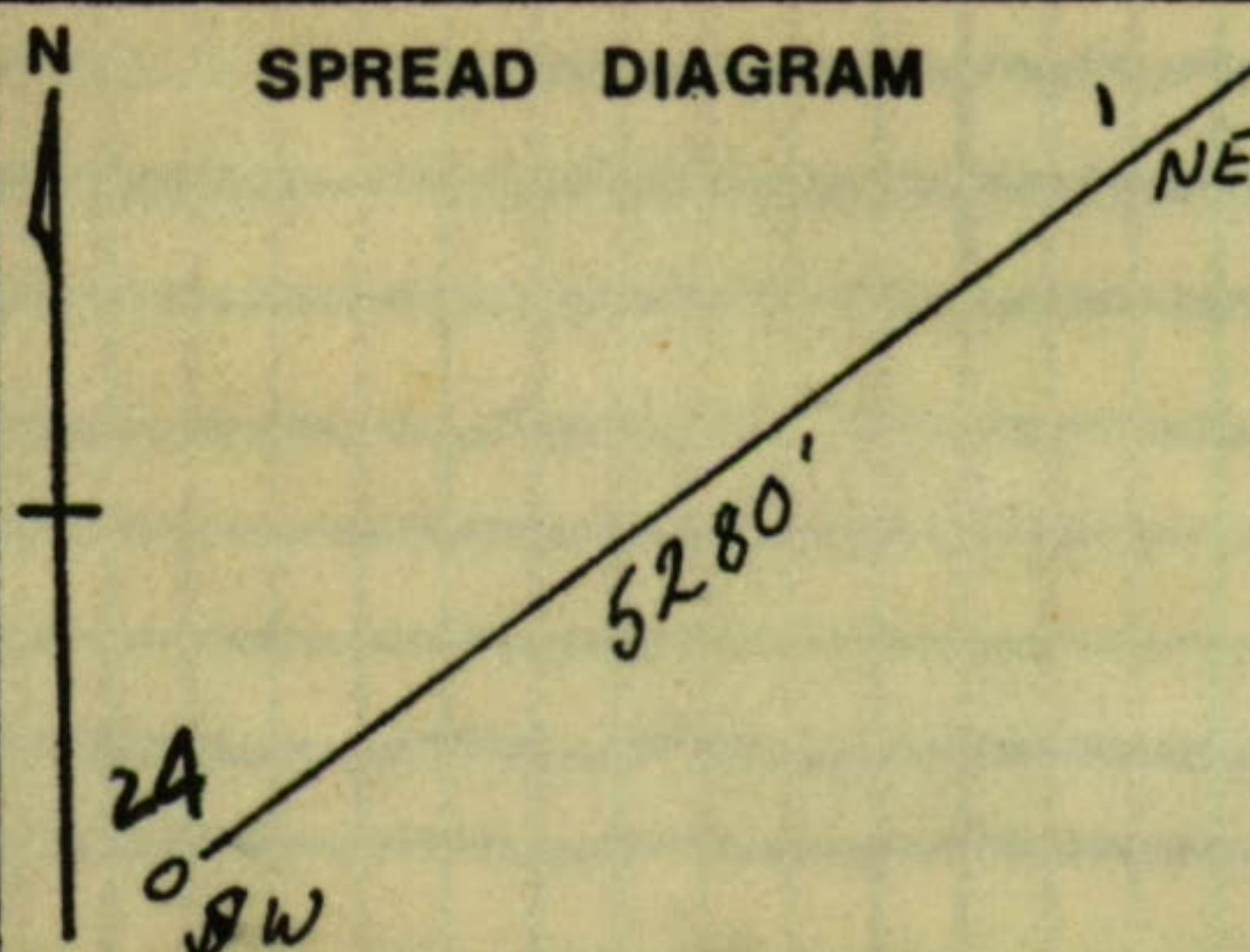
SPREAD TYPE 0' - 5280'

PLAYBACK

FILTERS 1/20 - 1/65

AGC SLOW

Vc. ....  
Elev. 1133.3 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES**

PTY LTD

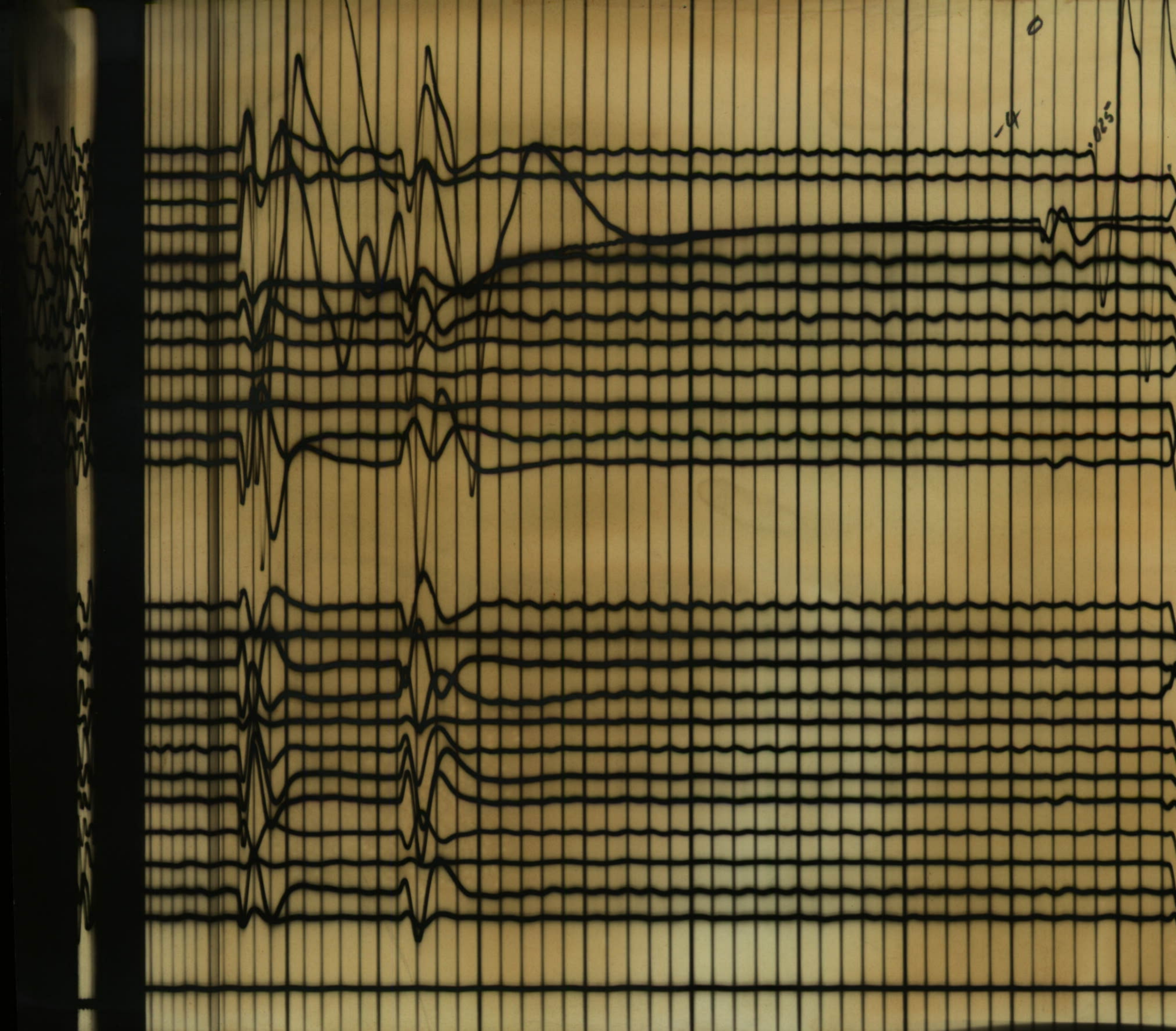
DATE 3RD OCT '71

TIE S.P. .... DIR. ....

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TIE S.P. 4346 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4437 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53633

### RECORDING

INST TYPE G.A.-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

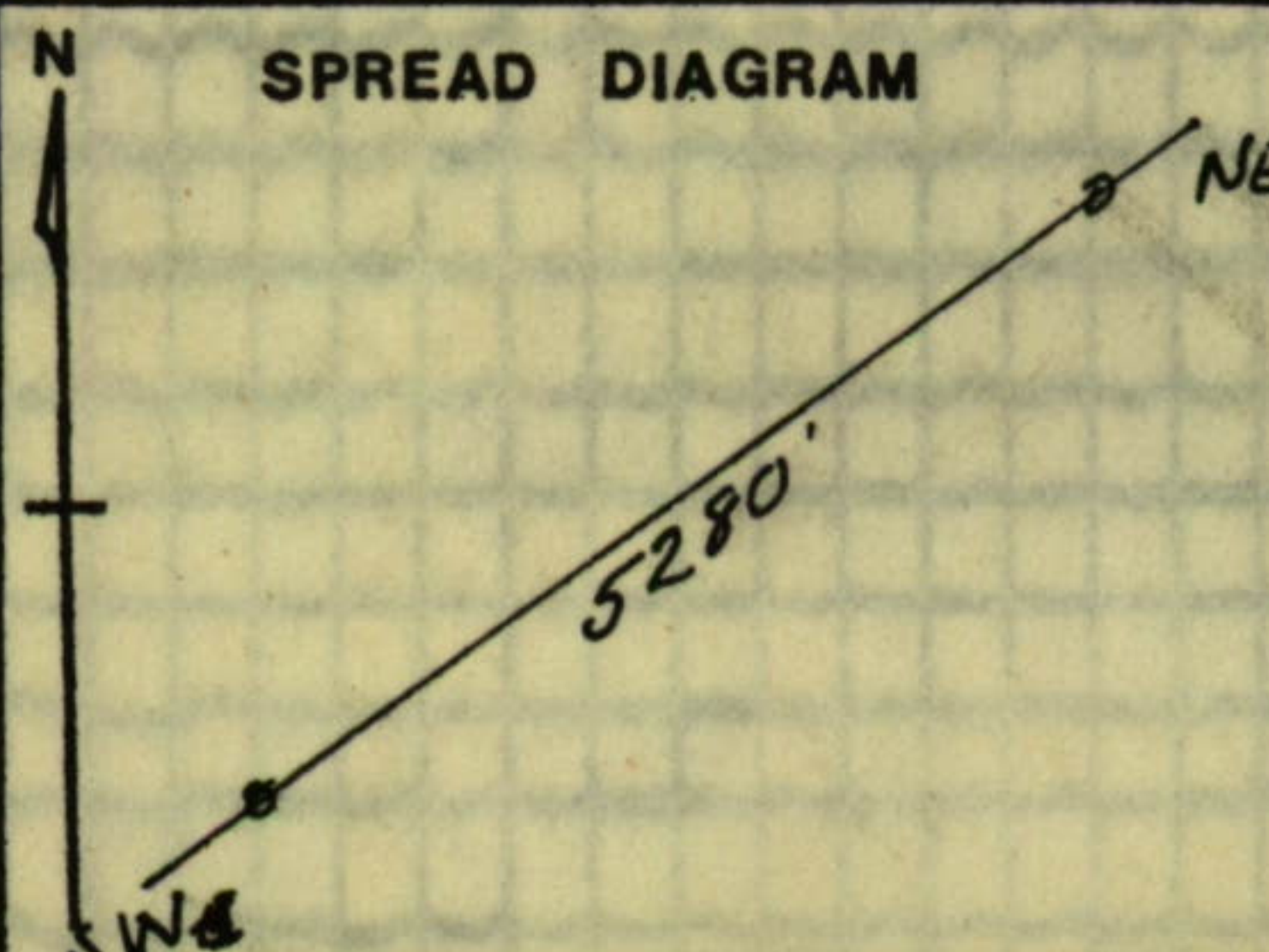
SPREAD TYPE 0'-5280'

### PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc.....  
Elev..... Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES** PTY LTD

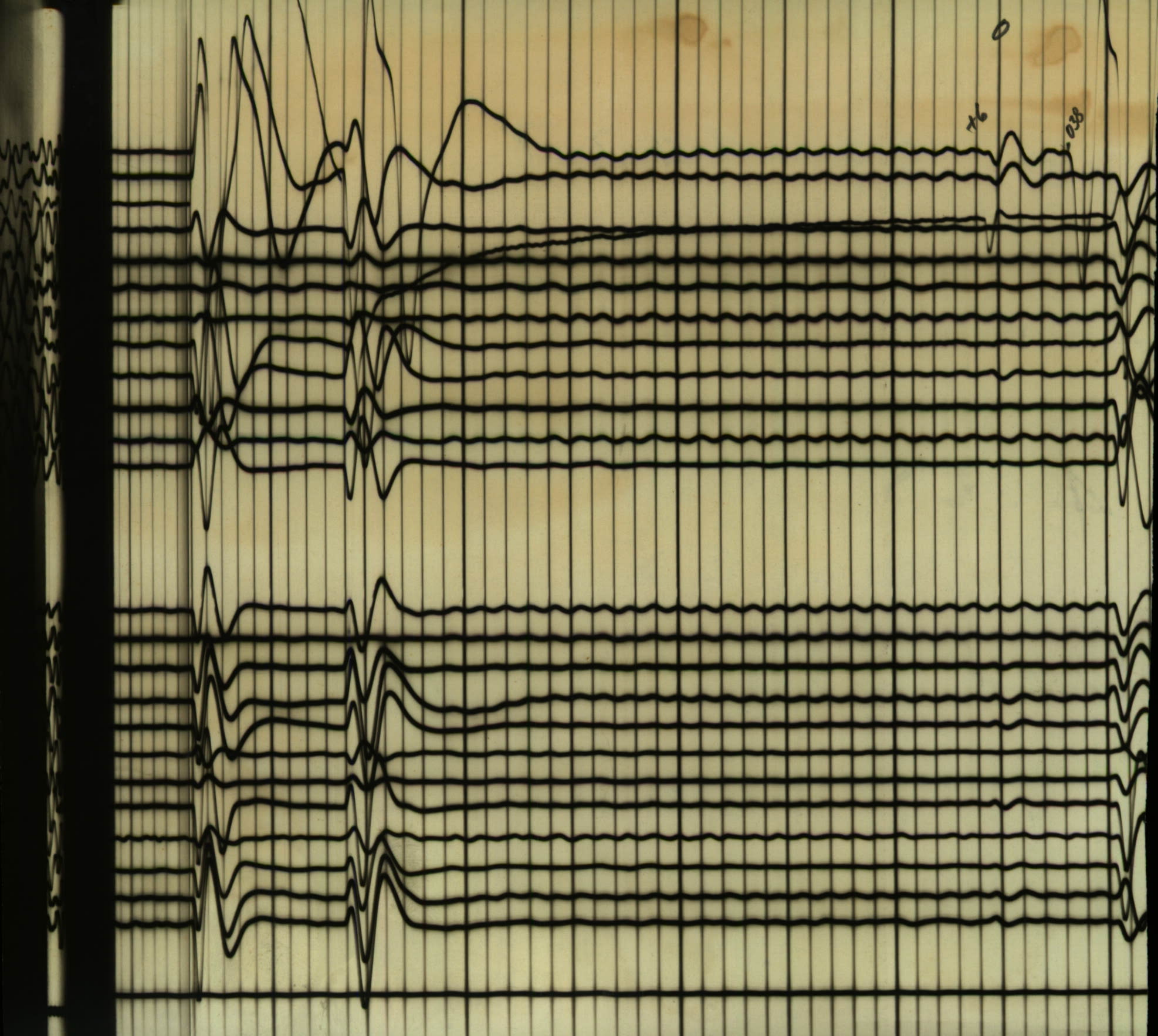
DATE 3RD OCT '71

TIE S.P. --- DIR ---

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TIE S.P. 4449 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4440

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5<sup>#</sup>HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53634

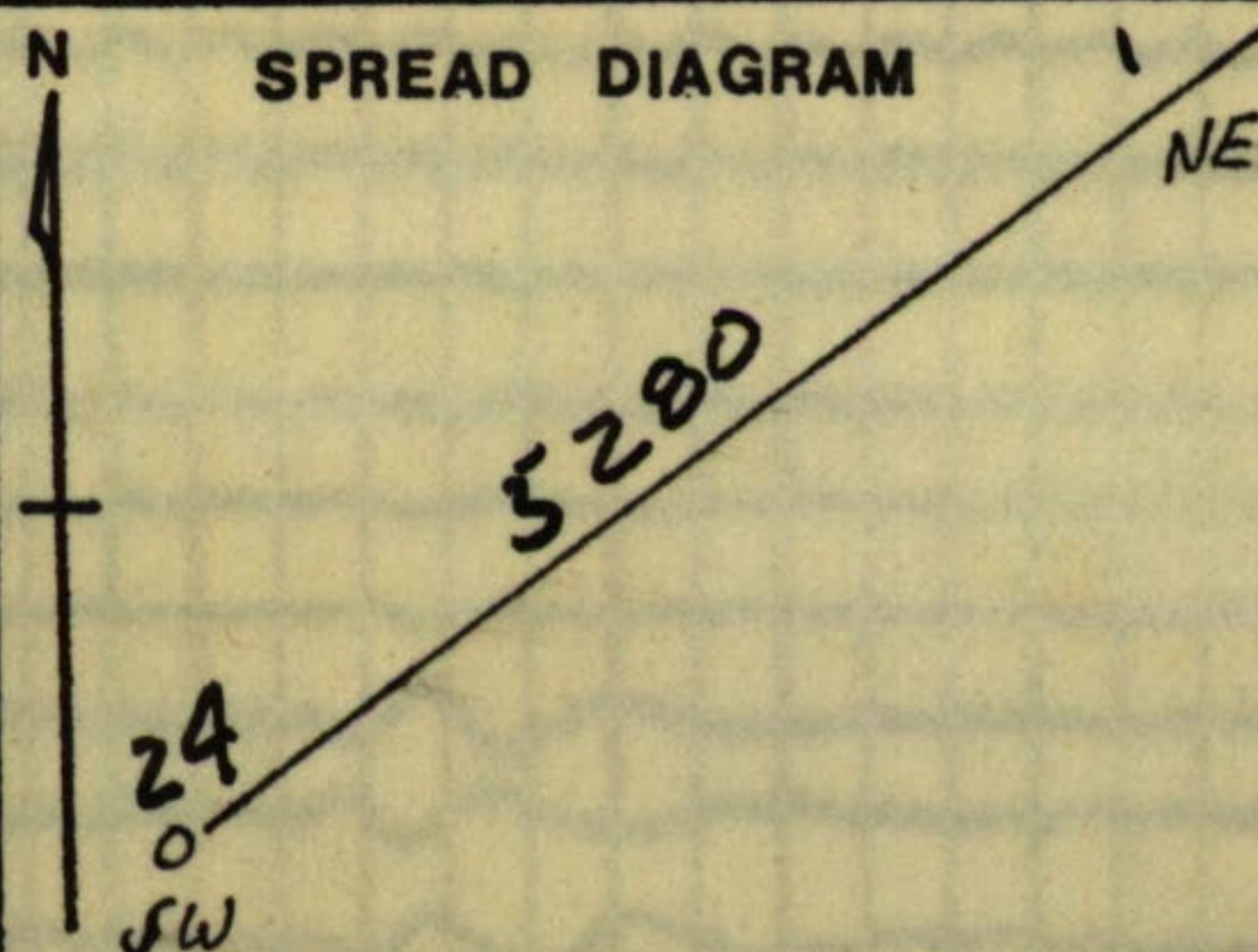
## RECORDING

INST TYPE GA-33FILTERS 1/20 - 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 - 1/65AGC SLOW

Vc. ....  
 Elev. 1111.4 Tsd. ....  
 Ds. .... Tuh. ....  
 Es. ....  
 Dtm. ....  
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SHOT BY:

**GES**

PTY LTD

DATE OCT 3<sup>rd</sup> 71

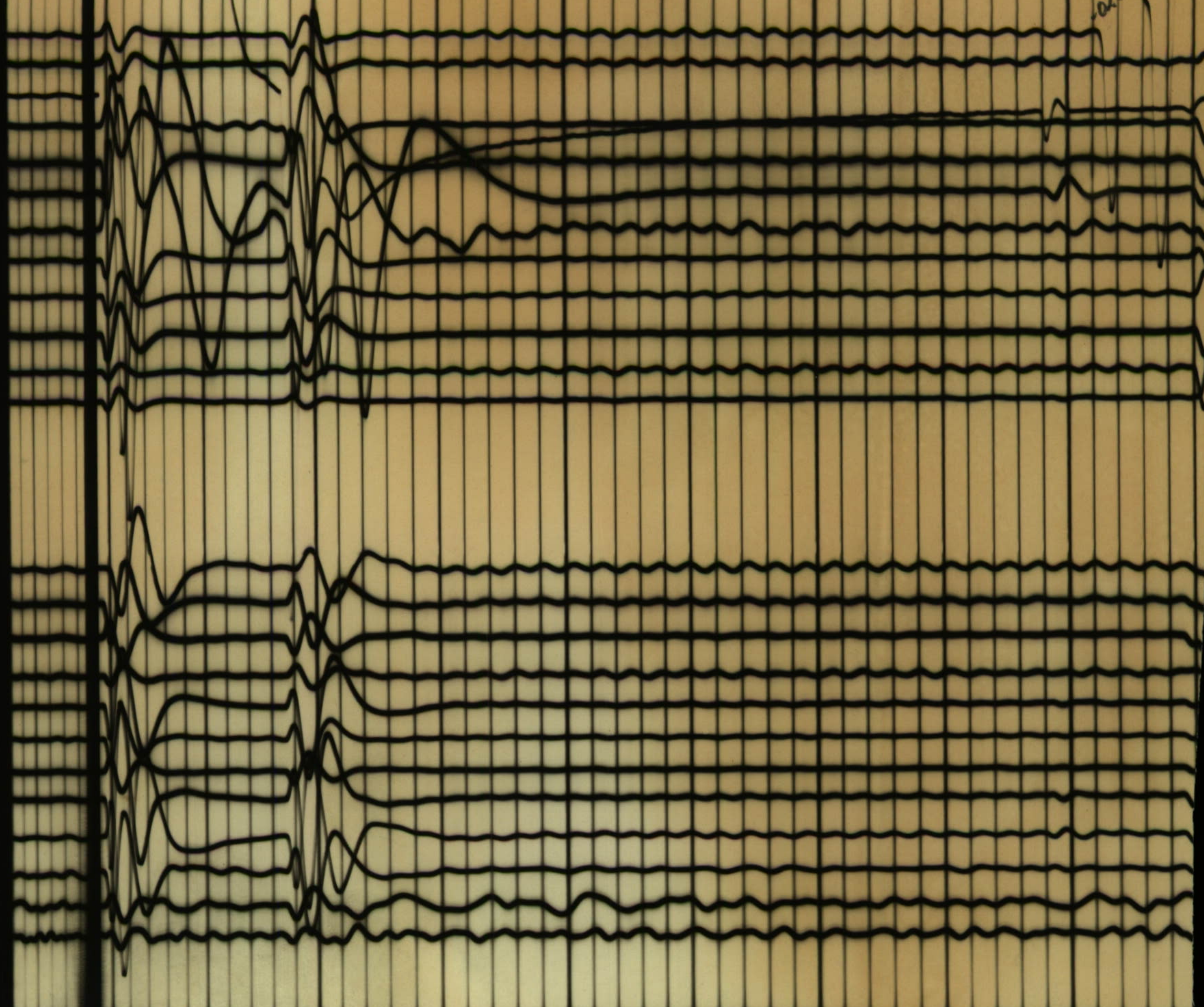
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24TIE S.P. A454 DIR SW



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023





HOLE LOG

CLIENT HARTOGEN

PROSPECT COOTHABYNIA STATE QLD

S.P. 4443 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6 X 5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53635

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

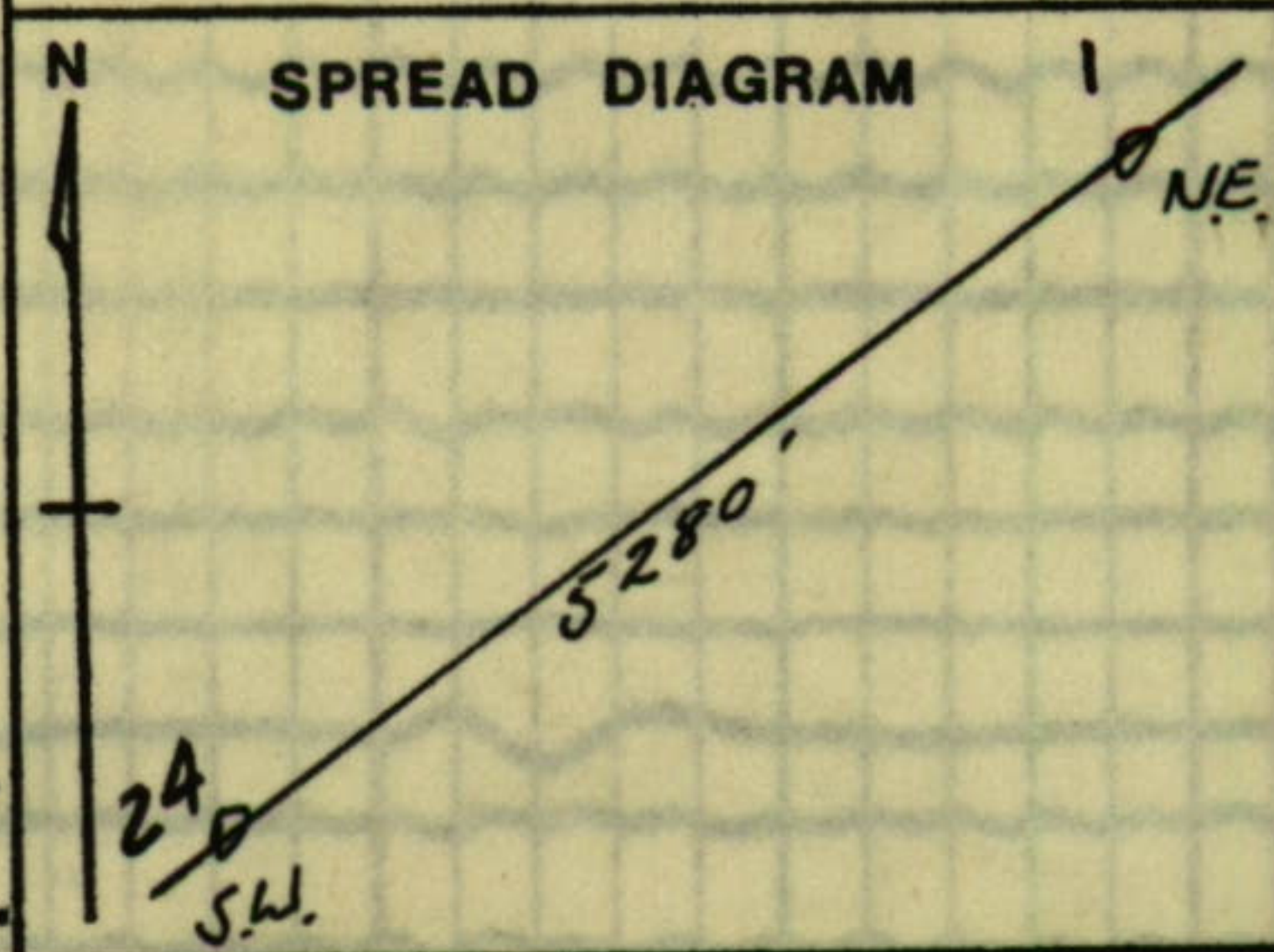
SPREAD TYPE 0'-5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. ....  
Elev. 1127.8 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES** PTY LTD

DATE 3RD OCT '71

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TIE S.P. --- DIR SW



CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4446

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8 X 5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53636

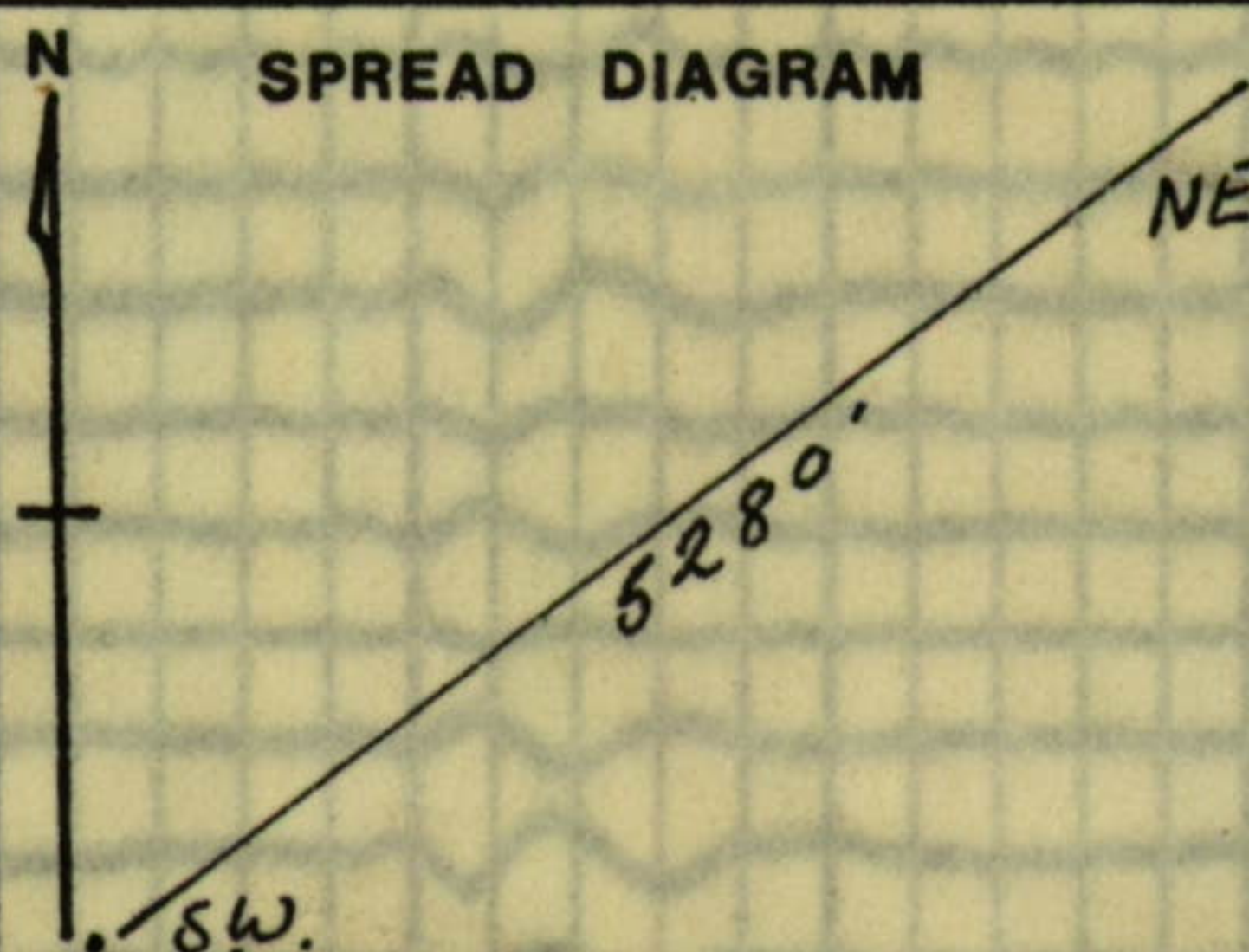
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc.....  
 Elev. 1138.7 Tsd.....  
 Ds..... Tuh.....  
 Es.....  
 Dtm.....  
 S-D.....



SHOT BY:

**GES PTY LTD**DATE 4<sup>TH</sup> OCT '71TIE S.P. --- DIR ---

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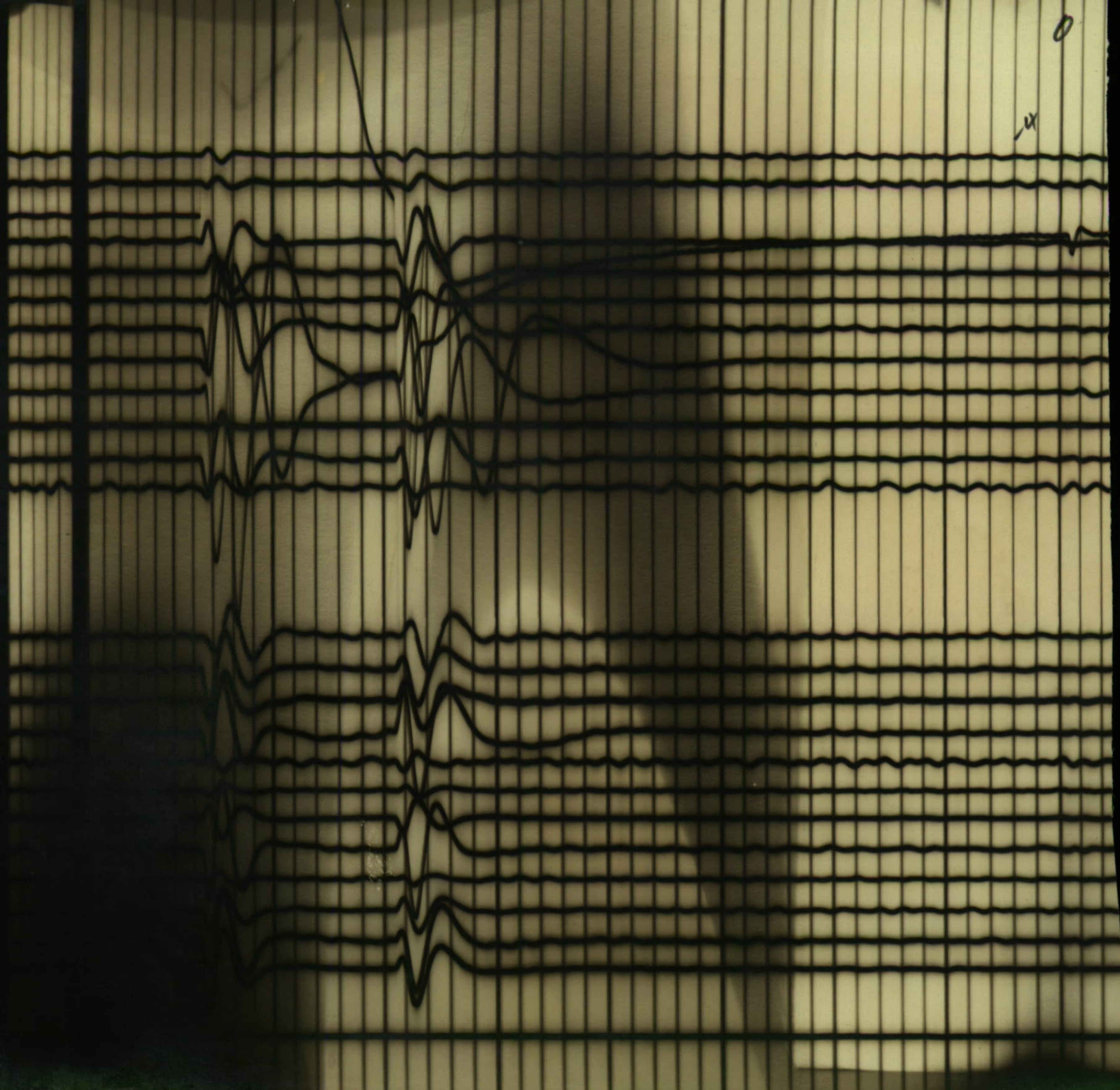
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TIE S.P. 44510 DIR SW



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CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4449

LINE

820SHOT No. B DEPTH OF SHOT 20' CHARGE SIZE 8x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53638

## RECORDING

INST TYPE GA-33

FILTERS

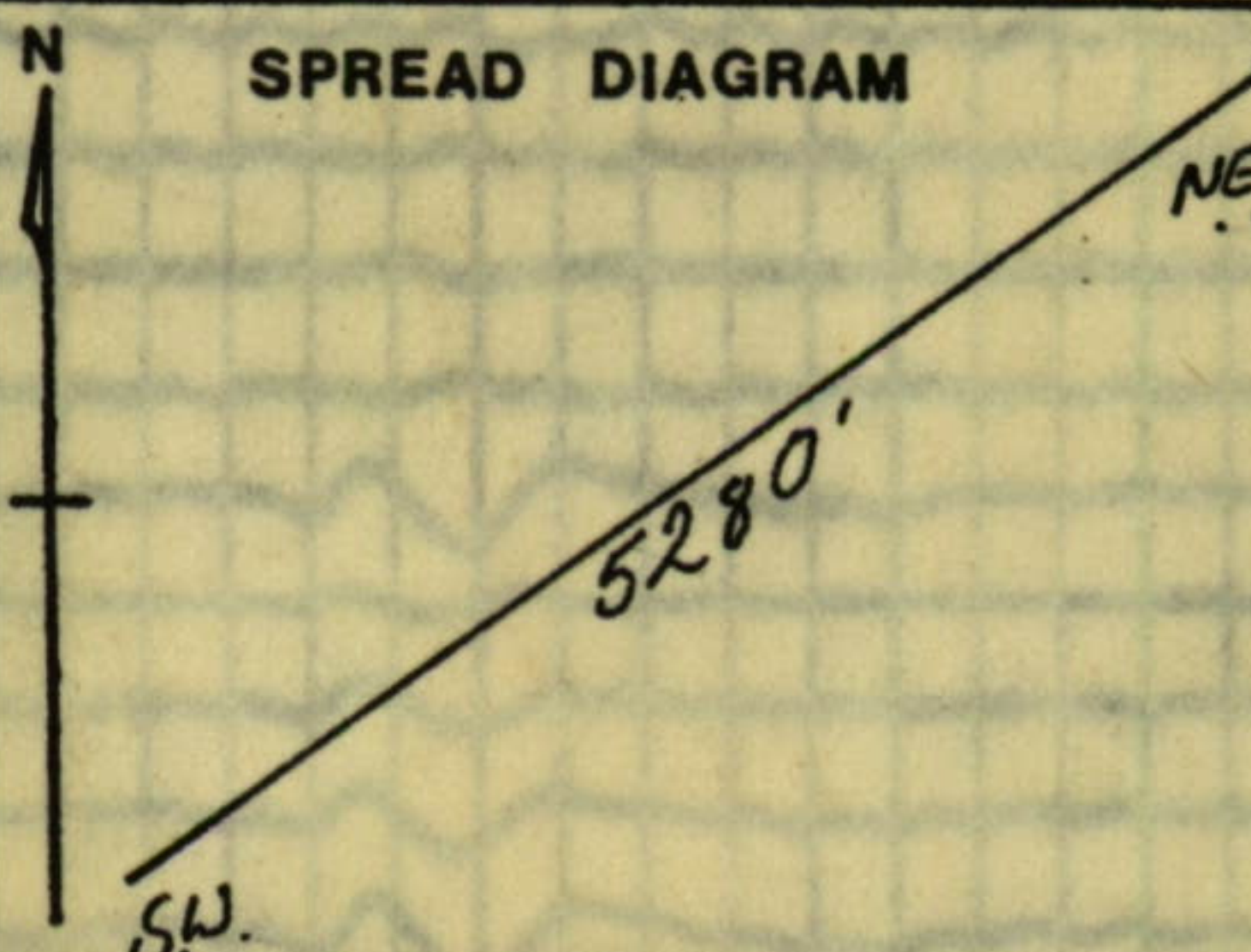
AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS

AGC SLOW

Vc. ....  
Elev. 1135.9 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D .....



SHOT BY:

**GES**

PTY LTD

DATE 4TH OCT '91

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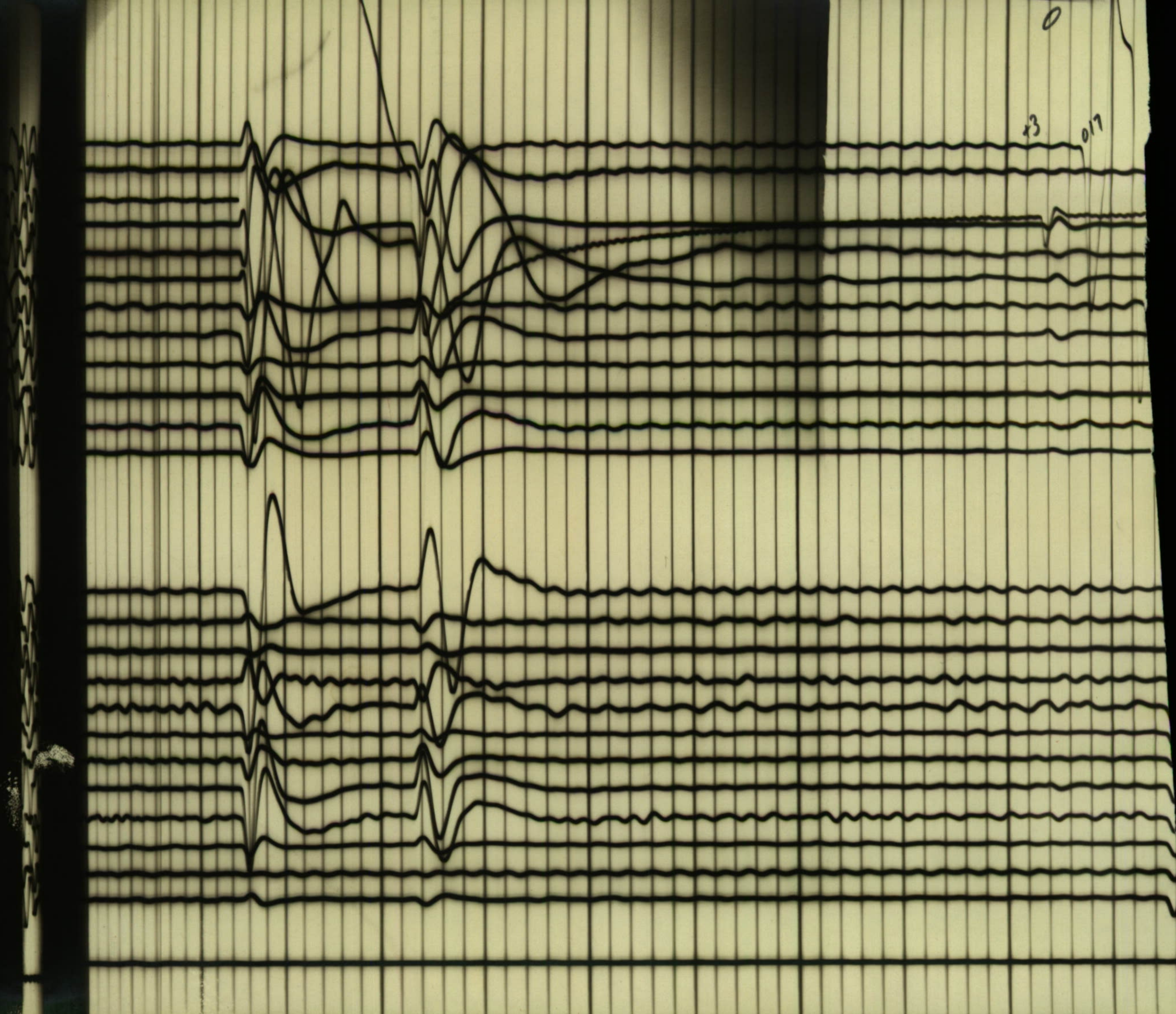
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HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLD

S.P.

4449

LINE

820SHOT No. A DEPTH OF SHOT 35' CHARGE SIZE 8X5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53637

## RECORDING

INST TYPE GA-33

FILTERS

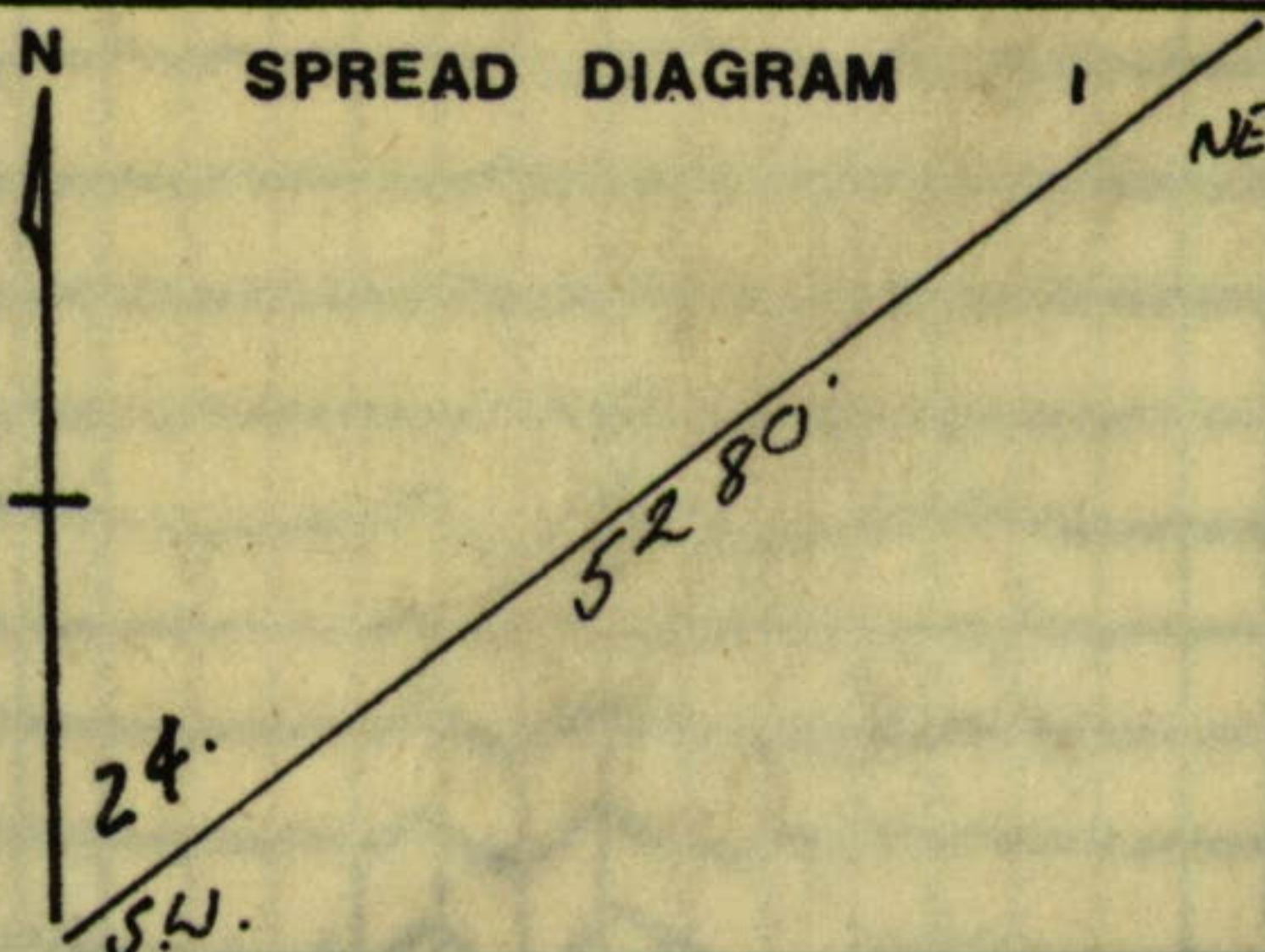
AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-6280'

## PLAYBACK

FILTERS

AGC SLOW

Vc. ....  
Elev. 1135.9 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D .....



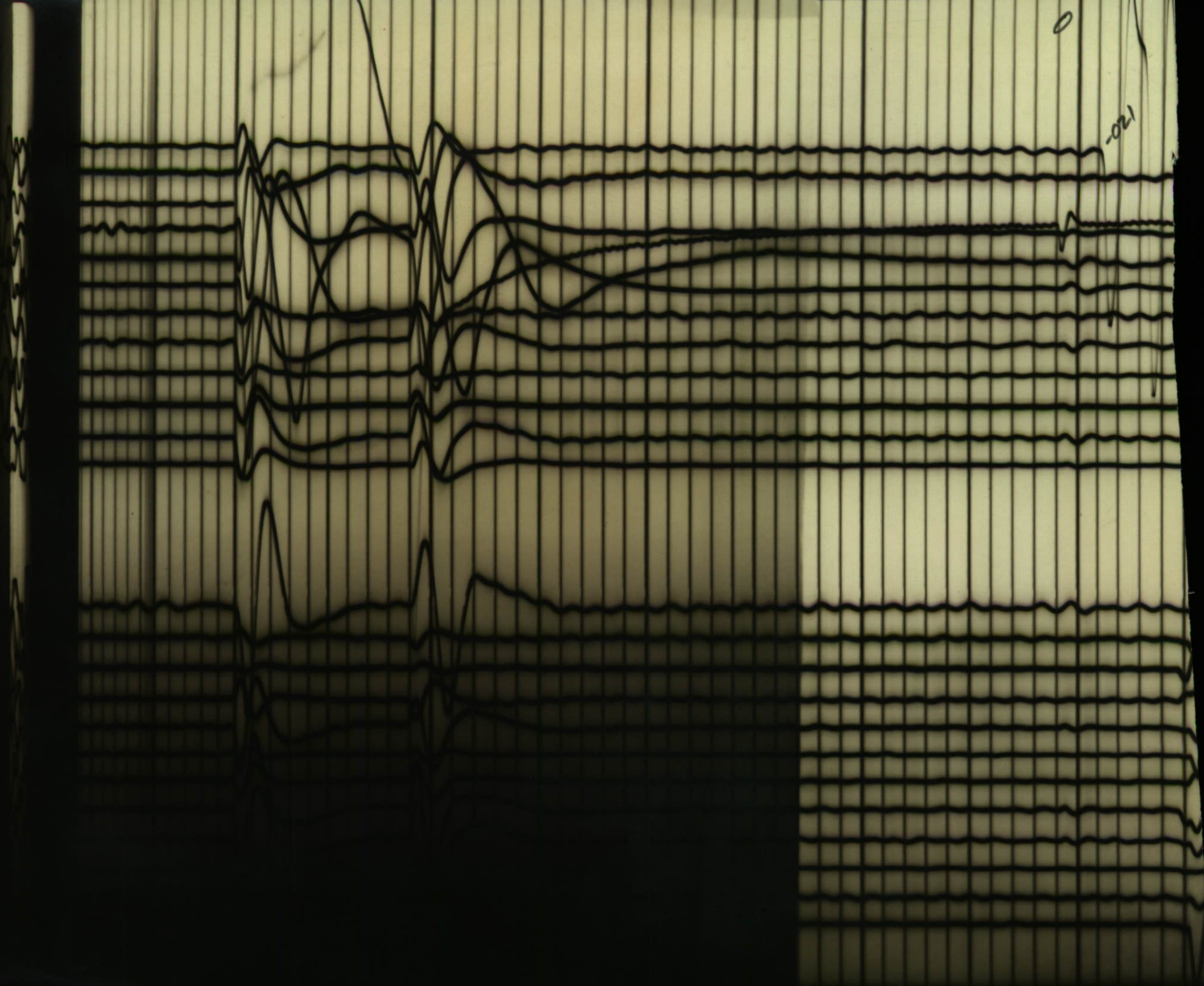
SHOT BY:

**GES**

PTY LTD

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24TIE S.P. 446' DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4452

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53639

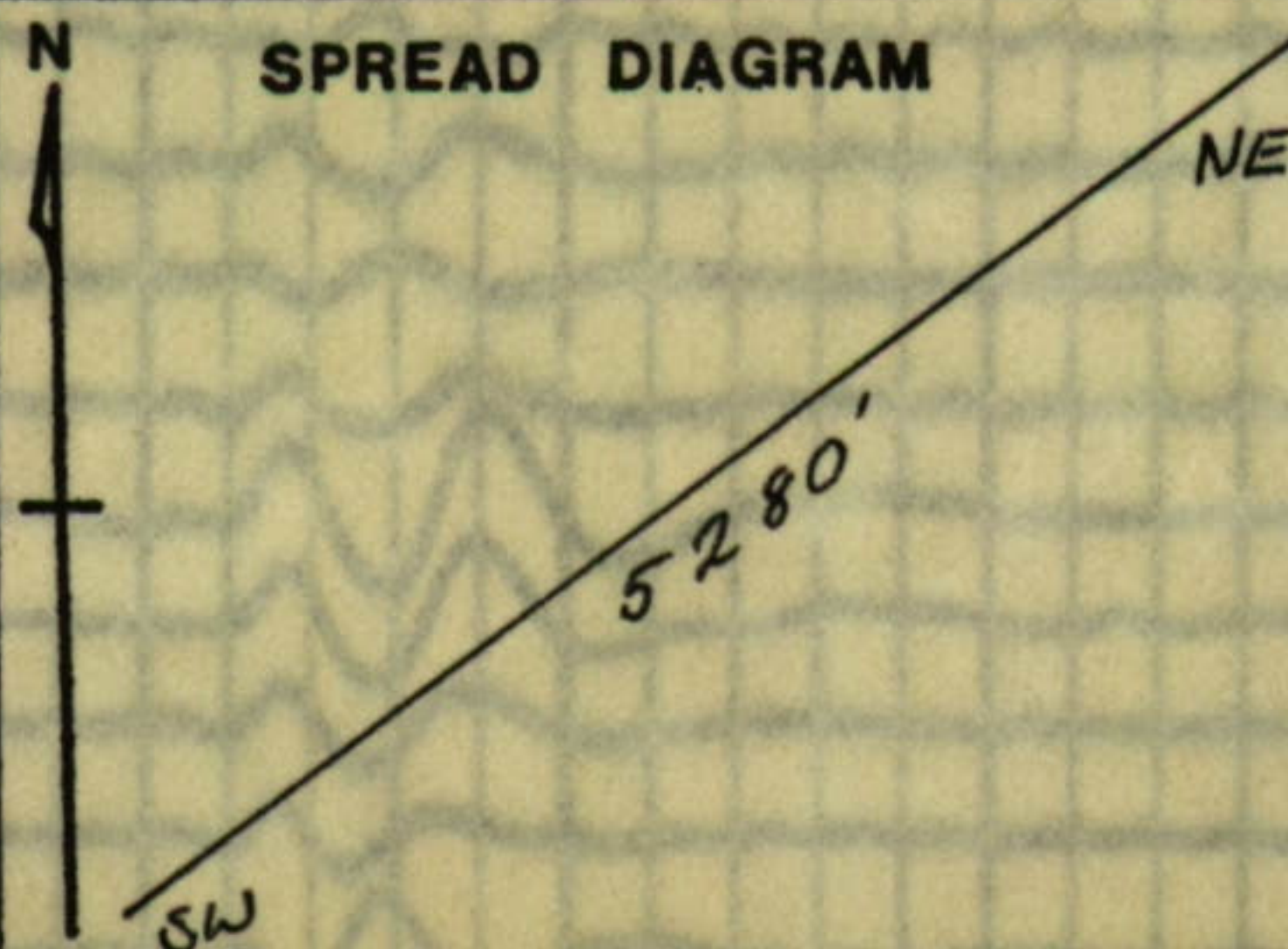
## RECORDING

INST TYPE GA-33FILTERS 1/20 - 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0' - 5280'

## PLAYBACK

FILTERS 1/20 - 1/65AGC SLOW

Vc. ....  
Elev. 1148.6 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D \_\_\_\_\_



SHOT BY:

**GES**

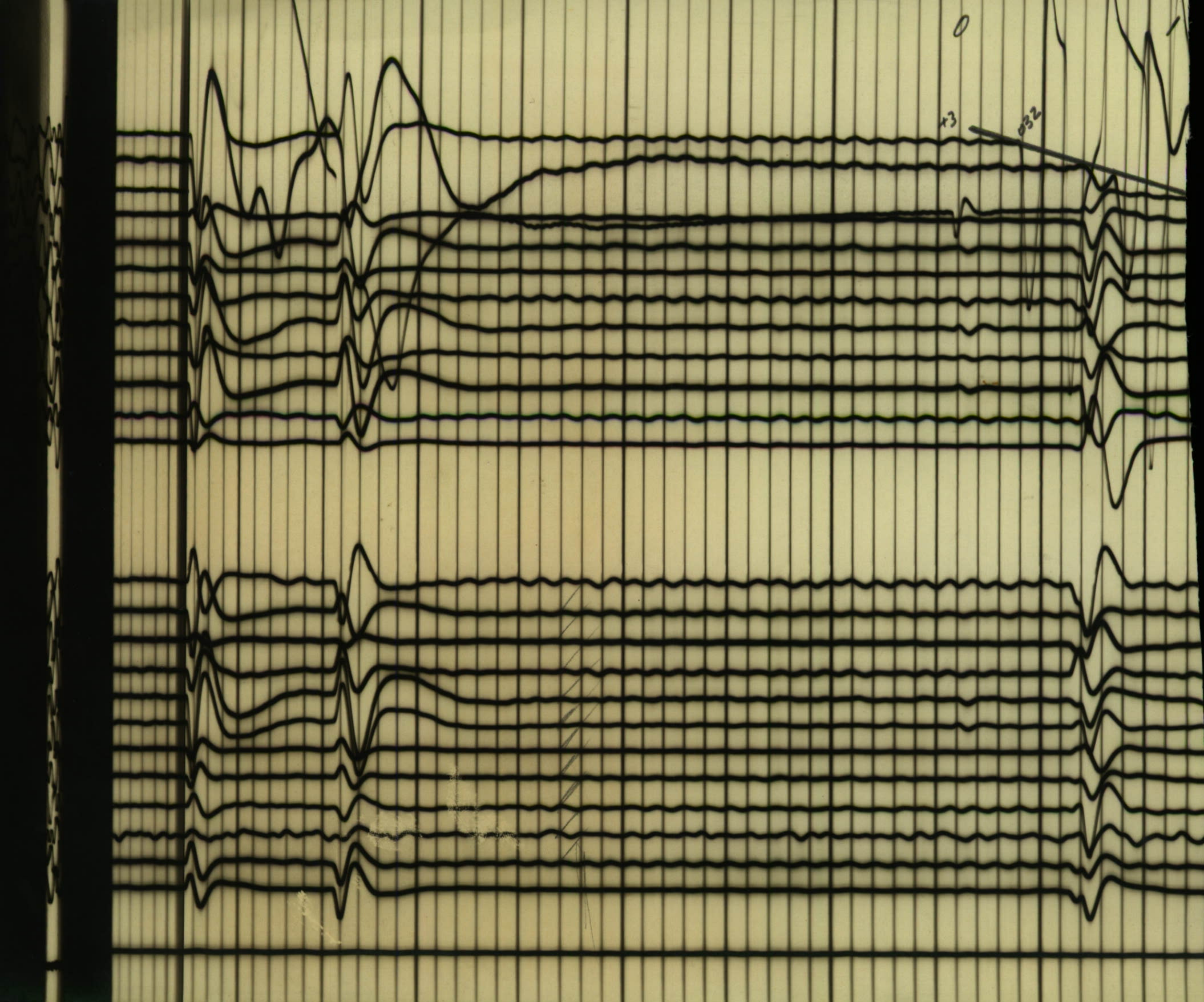
PTY LTD

DATE OCT 4<sup>TH</sup> '71

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HOLE LOG

CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4455

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53640

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

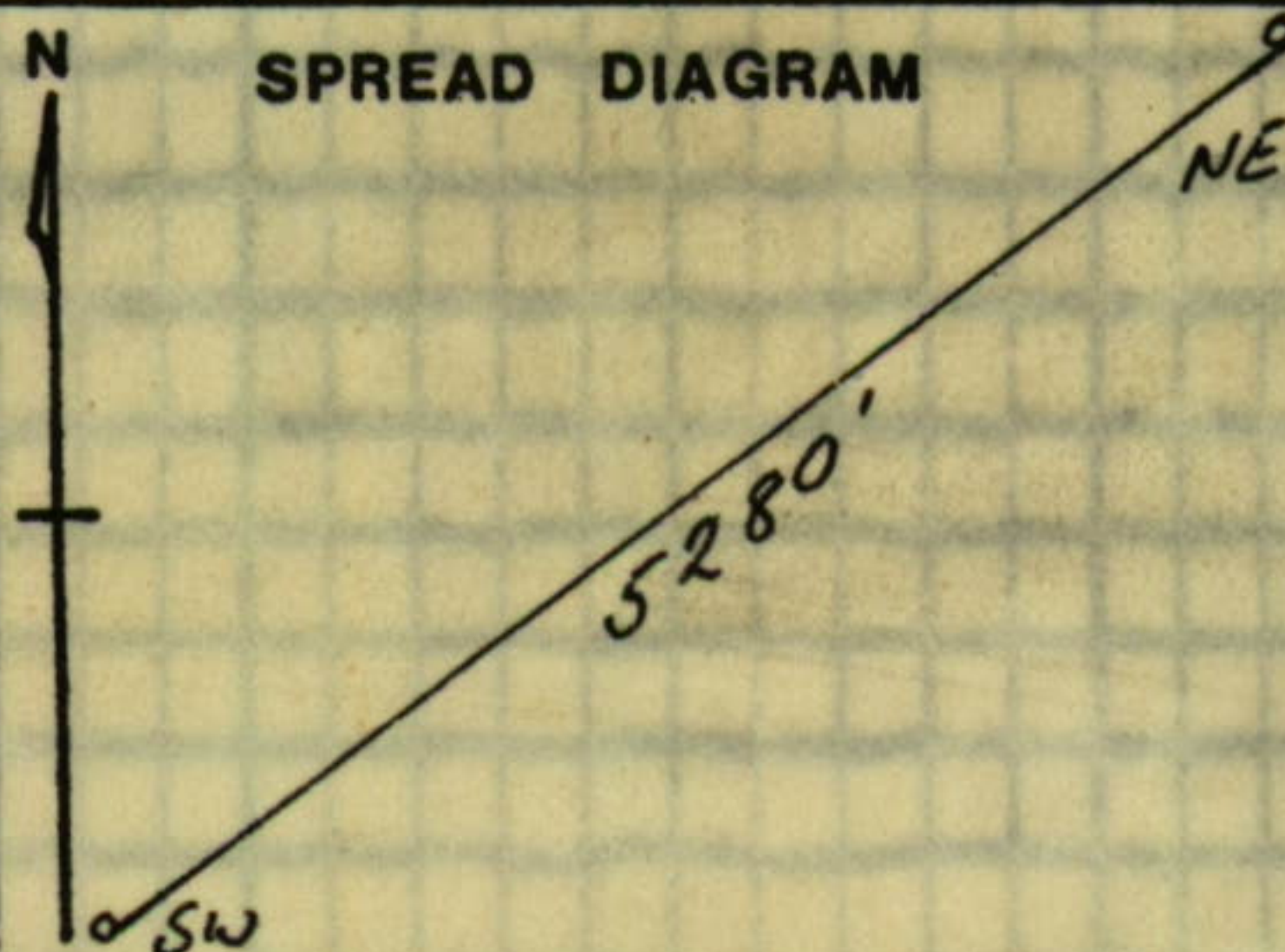
SPREAD TYPE 0-5280

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. ....  
Elev 1158.1 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES**

PTY LTD

DATE 4<sup>TH</sup> OCT. '71

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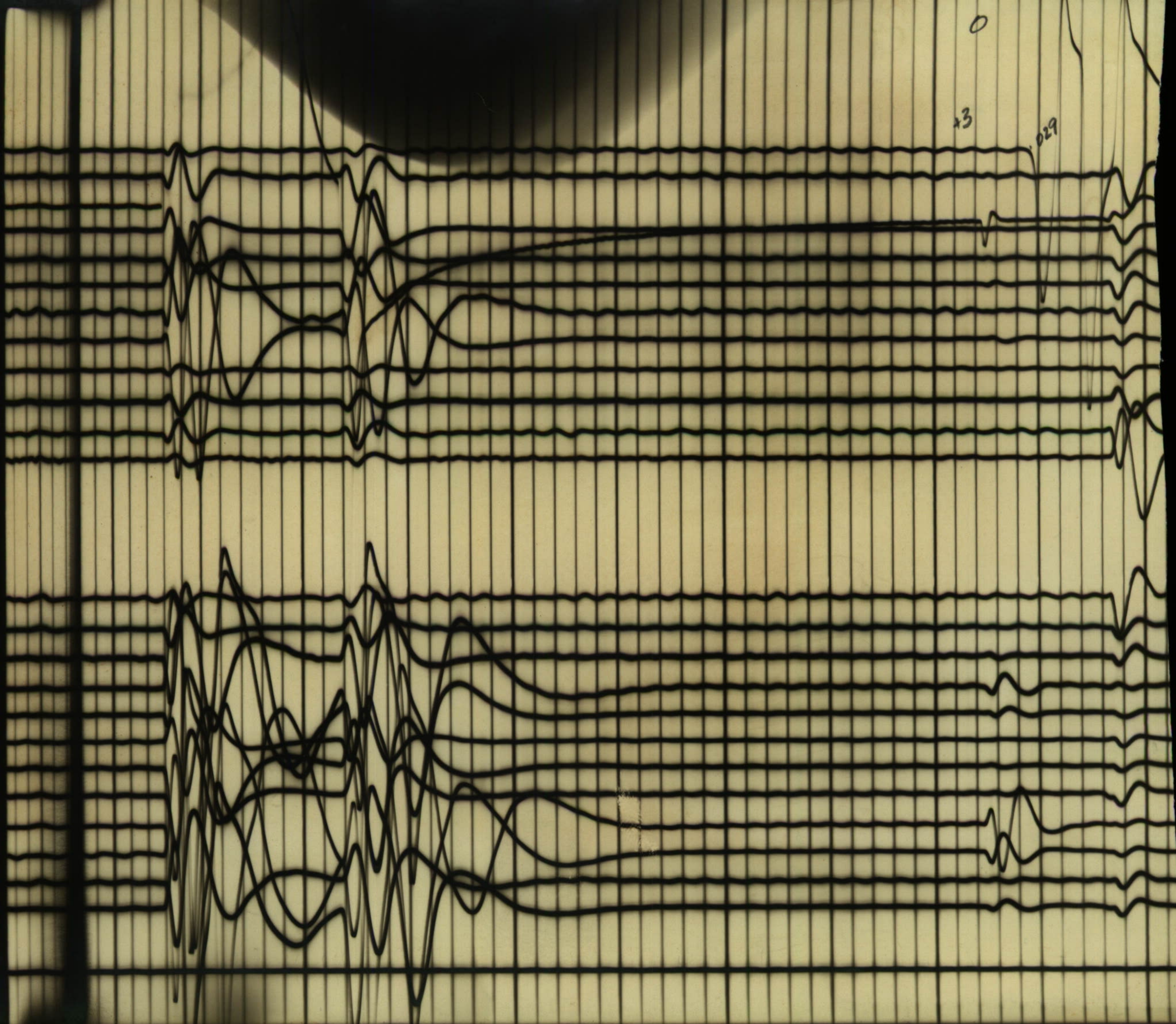
TIE S.P. 4467 DIR SW



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CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4458

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53641

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

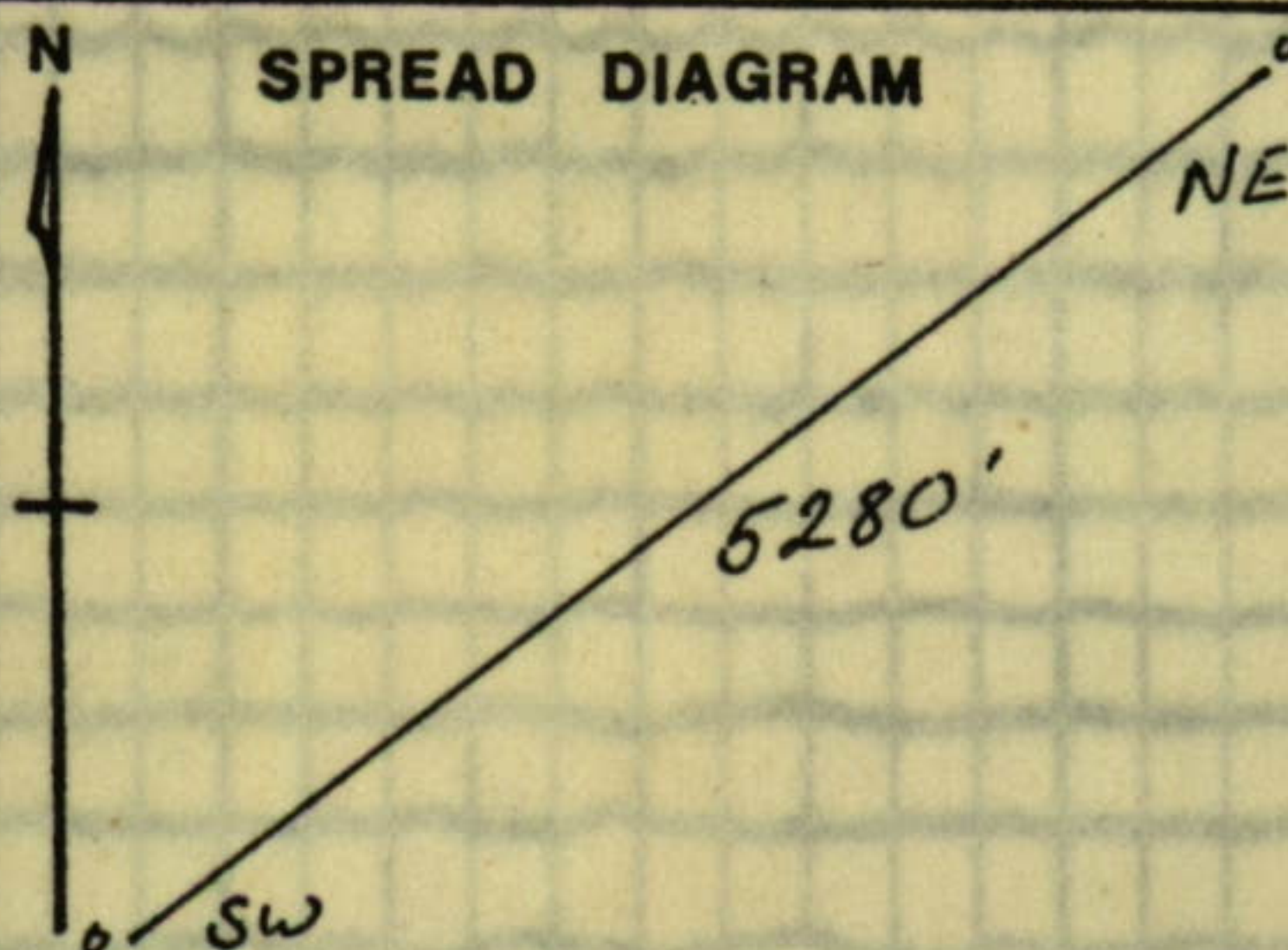
SPREAD TYPE 0-5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

V<sub>c</sub> .....  
Elev. 1164.6 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES**

PTY LTD

DATE OCT 4<sup>TH</sup> '71

TIE S.P. .... DIR. ....

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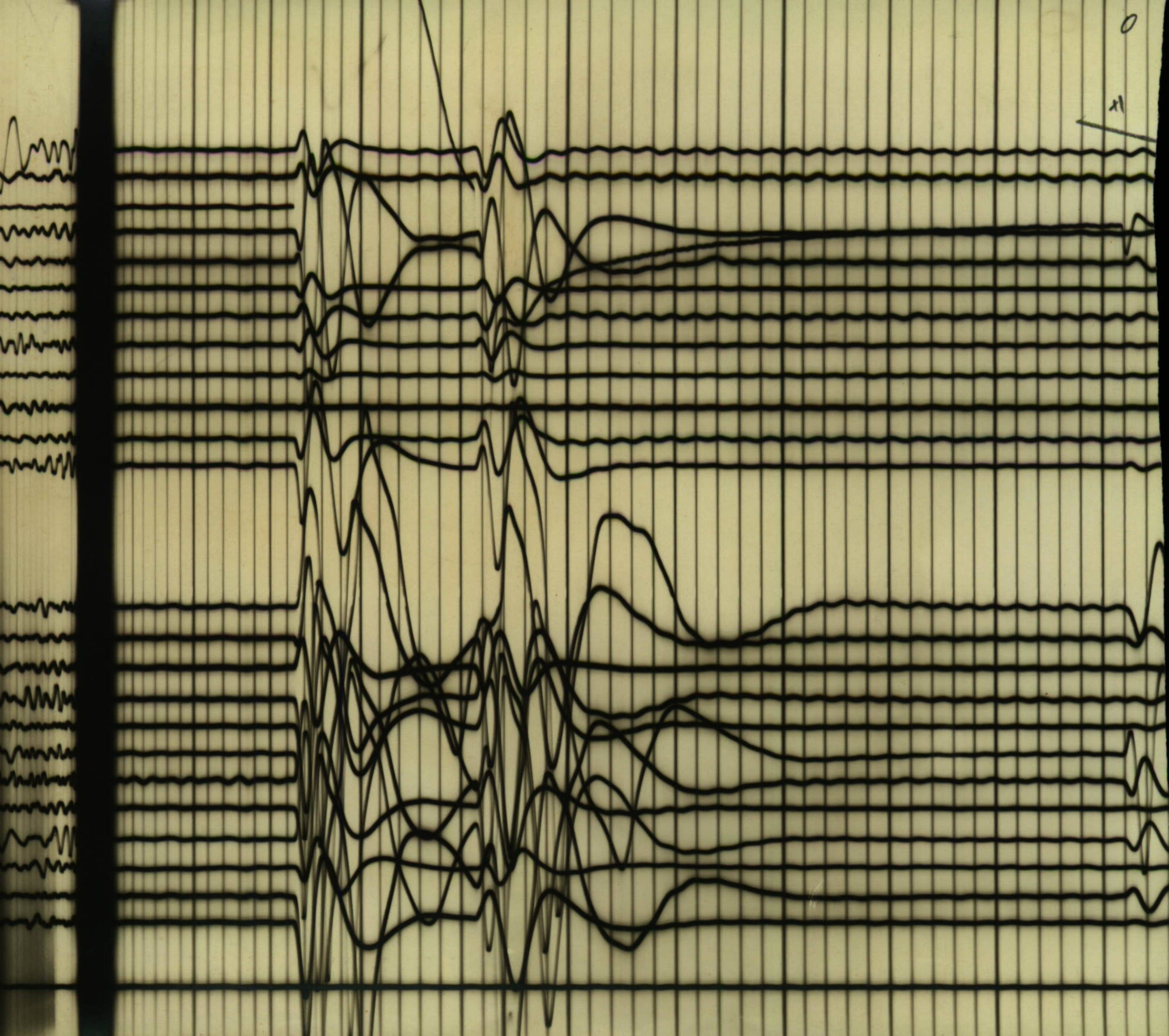
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TIE S.P. 4470 DIR SW







HOLE LOG

CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4461 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53642

RECORDING

INST TYPE GA 33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

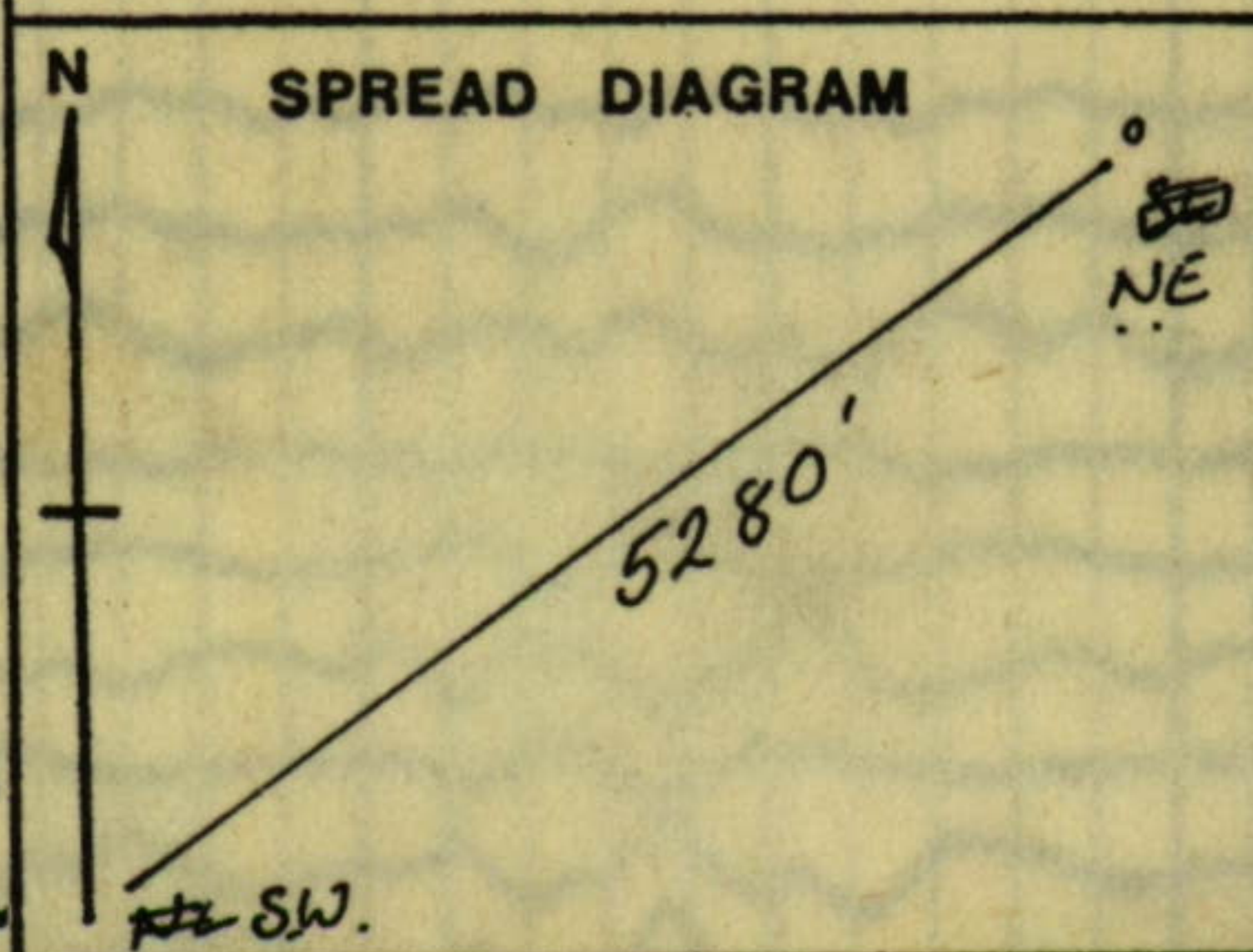
SPREAD TYPE 0' 5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc.....  
Elev. 1161.2 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES** PTY LTD

DATE OCT 4<sup>TH</sup> 71

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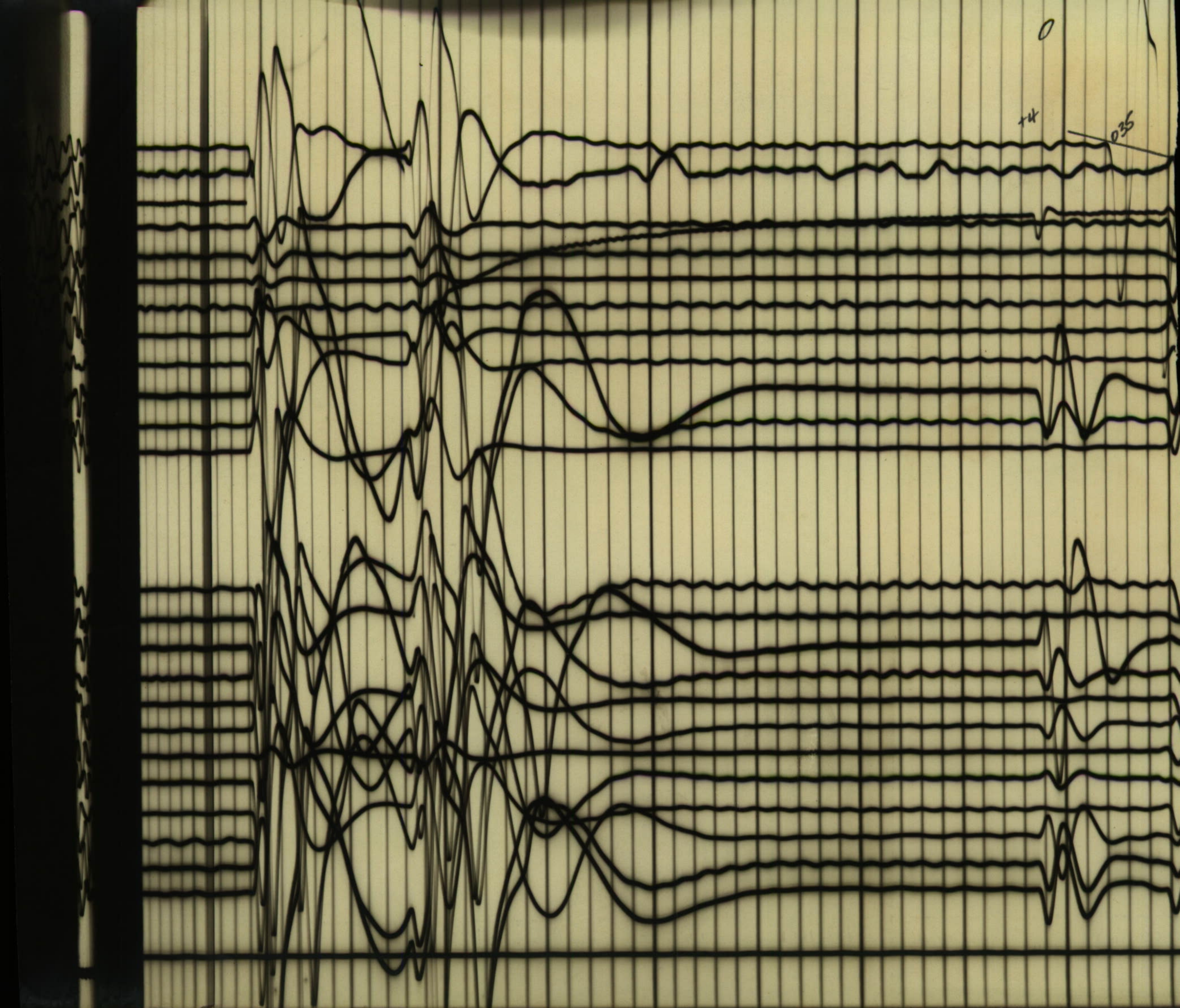
TIE S.P. 4473 DIR SW



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CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4464

LINE

820SHOT No A DEPTH OF SHOT 20' CHARGE SIZE 8x5#HOLE PATTERN IN LINE MON.        PBK. ☒ TAPE No. 53643

## RECORDING

INST TYPE

GA-33

FILTERS

1/20 1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220

SHOT POINT INT.

660'SPREAD TYPE 0-5280

## PLAYBACK

FILTERS

1/20 1/65

AGC

SLOW

Vc.....

Elev 1152.1

Tsd.....

Ds.....

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Dtm.....

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SPREAD DIAGRAM

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SHOT BY:

**GES**

PTY LTD

DATE

4<sup>TH</sup> OCT '71

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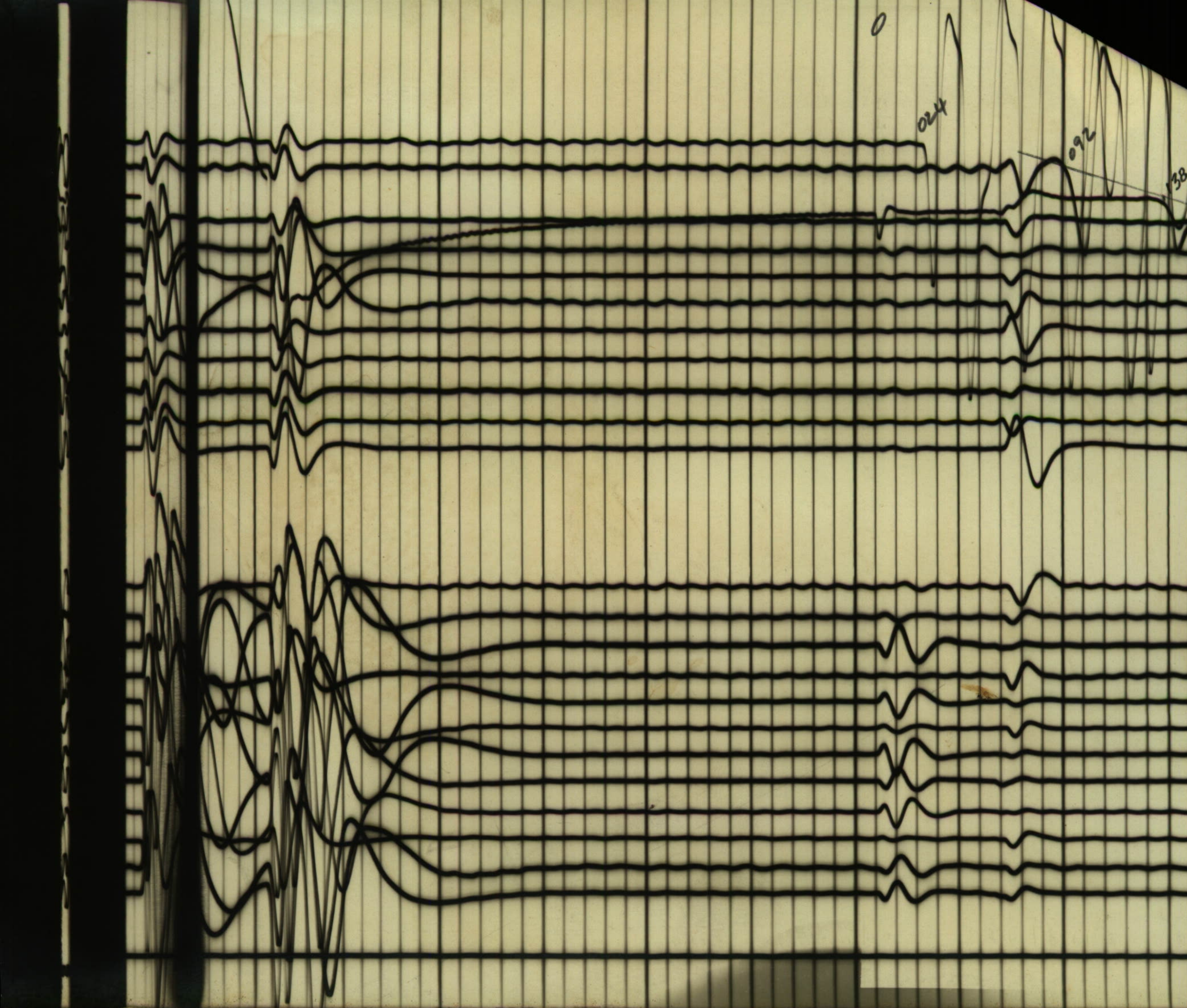
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TIE S.P. 4464DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4467

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8 x 5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53644

RECORDING

INST TYPE

GA-33

FILTERS

1/20 1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0' - 5280'

PLAYBACK

FILTERS

1/20 1/65

AGC

SLOW

Vc

Elev. 1139.3

Tsd

Ds

Tuh

Es

Dtm

S-D

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SPREAD DIAGRAM

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5280'

SW

SHOT BY:

**GES**

PTY LTD

DATE 4<sup>TH</sup> OCT '71

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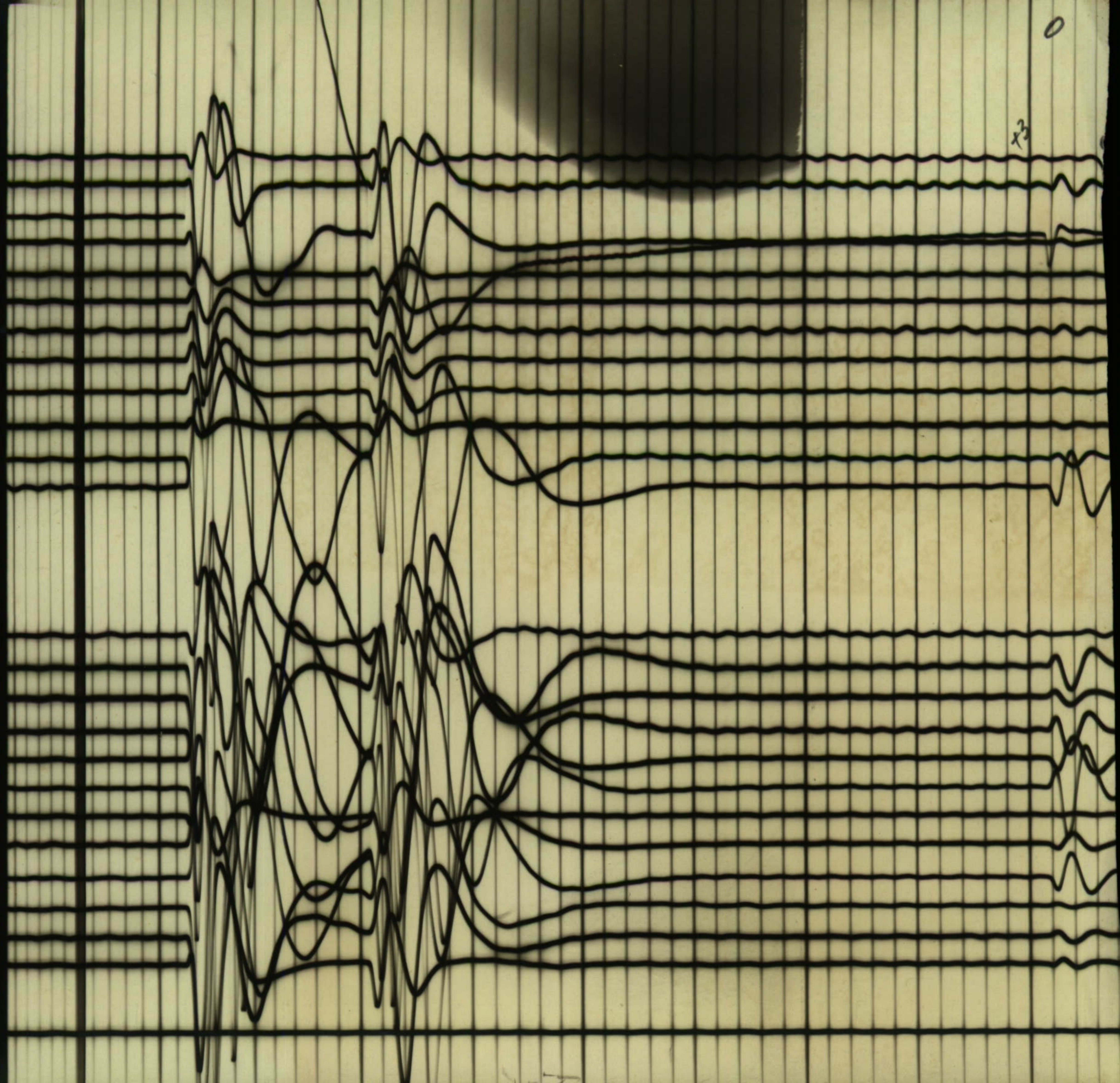
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TIE S.P. A<sup>19</sup> DIR SW



x<sup>2</sup>





CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4470

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#

HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53645

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

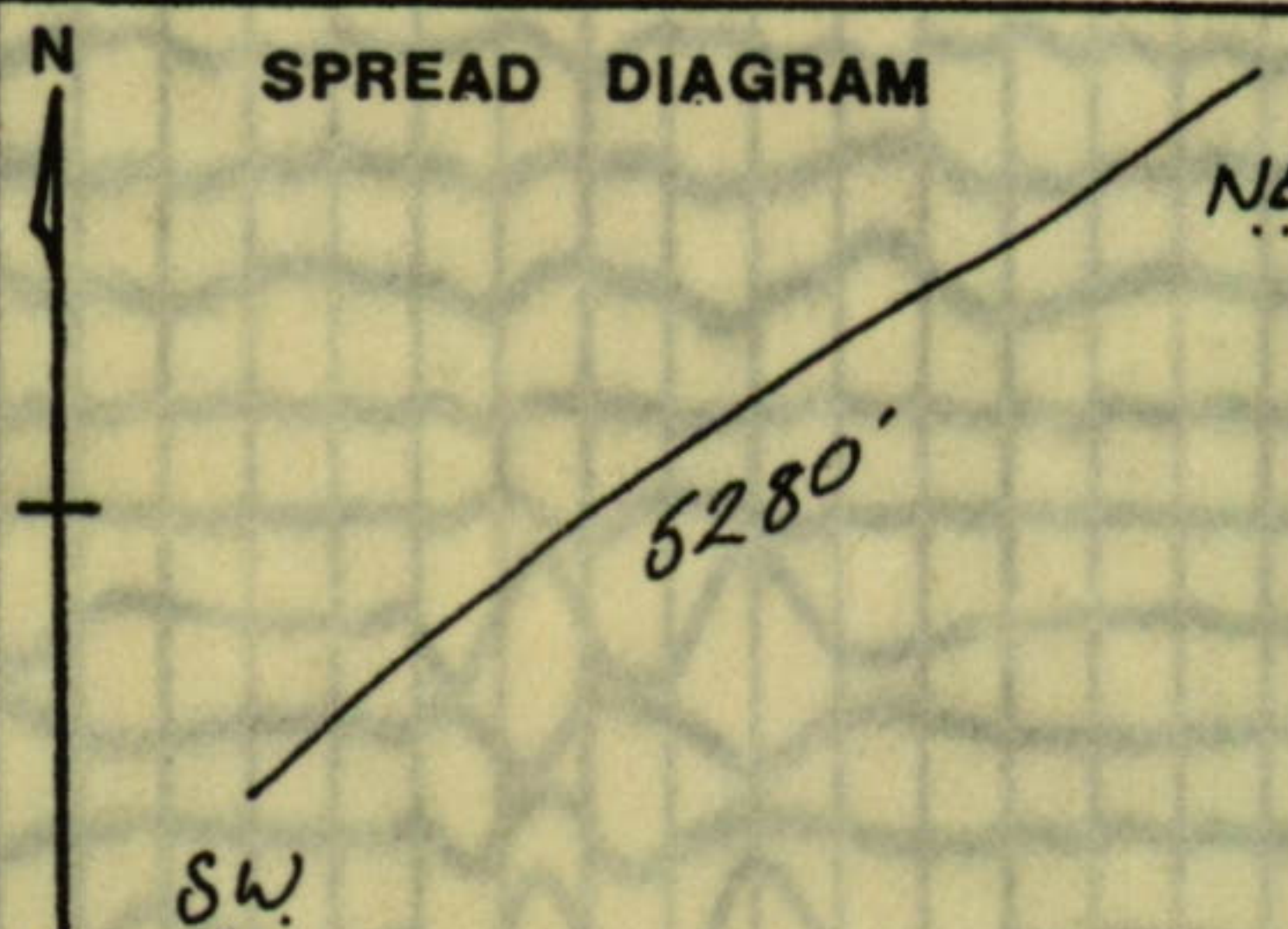
SPREAD TYPE 0-5280

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. ....  
Elev. 1131.5 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D \_\_\_\_\_



SHOT BY:

**GES** PTY LTD

DATE 4TH OCT '71

TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

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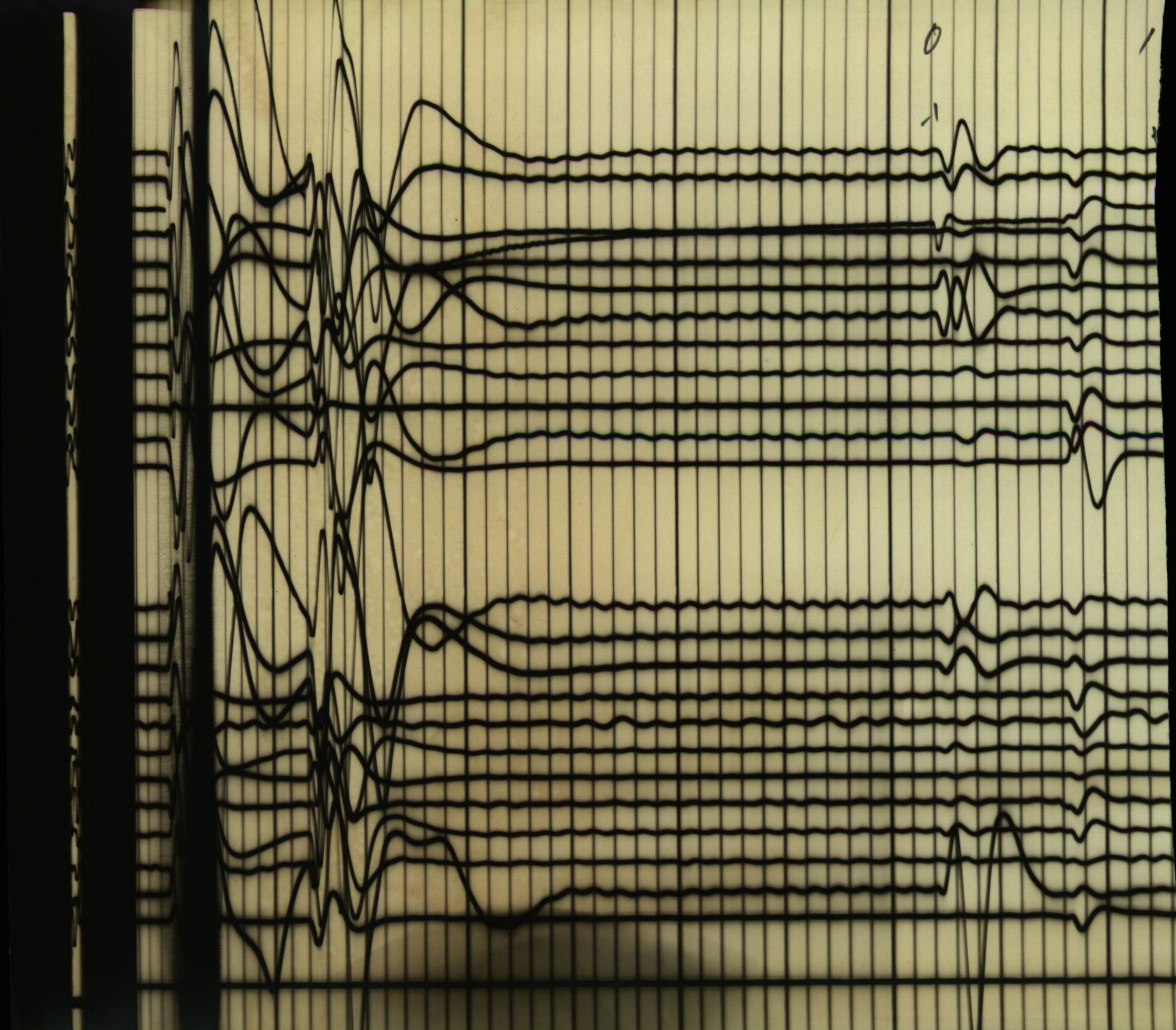
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TIE S.P. 4470 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4473

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53646

## RECORDING

INST TYPE G.A. -33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc.....

Elev.....

Tsd.....

Ds 1116.4

Tuh.....

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Dtm.....

S-D.....

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SPREAD DIAGRAM

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SHOT BY:

**GES**

PTY LTD

DATE 4<sup>TH</sup> OCT '71

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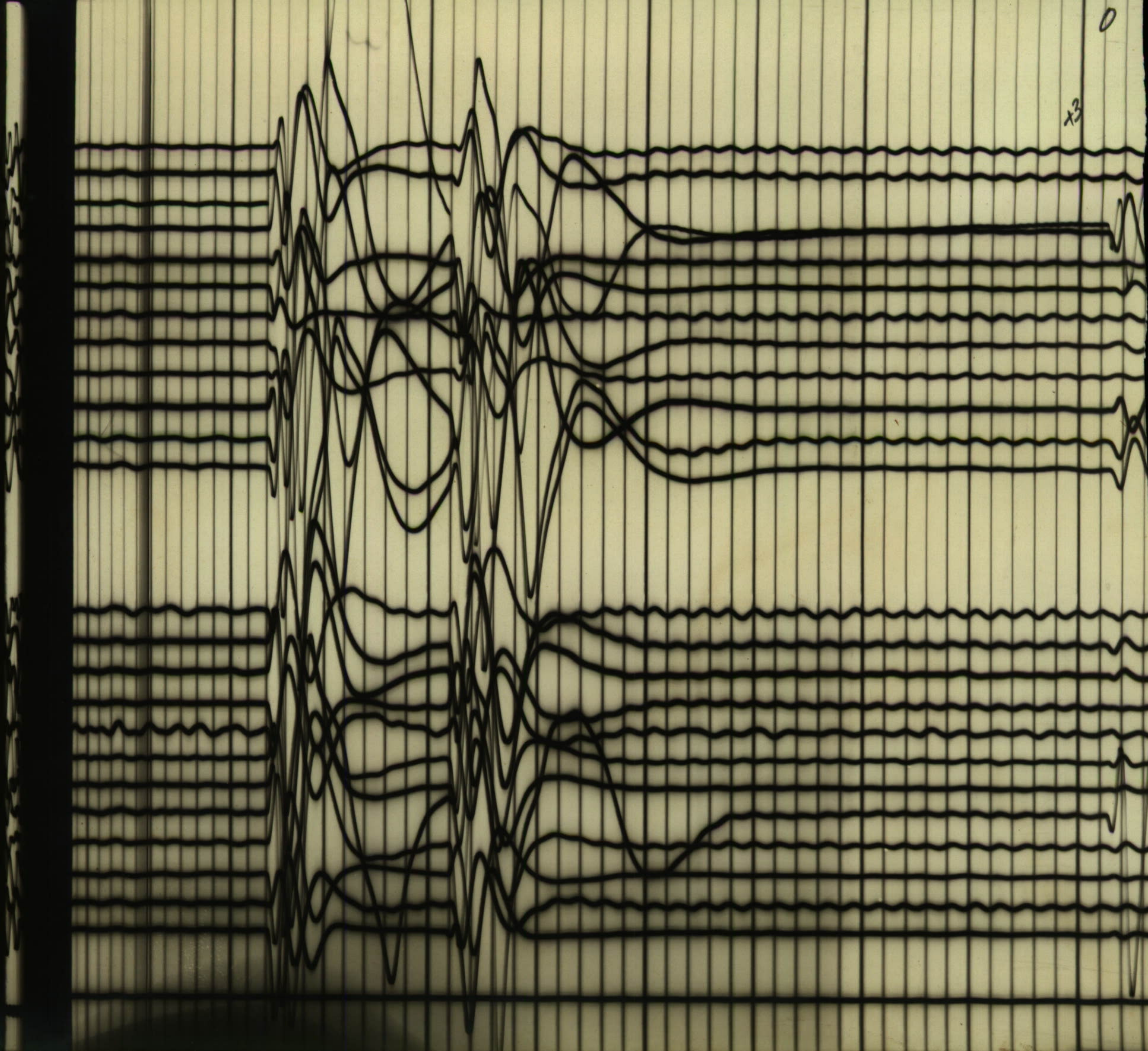
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TIE S.P. AA 85 DIR SW



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HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4476

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53647

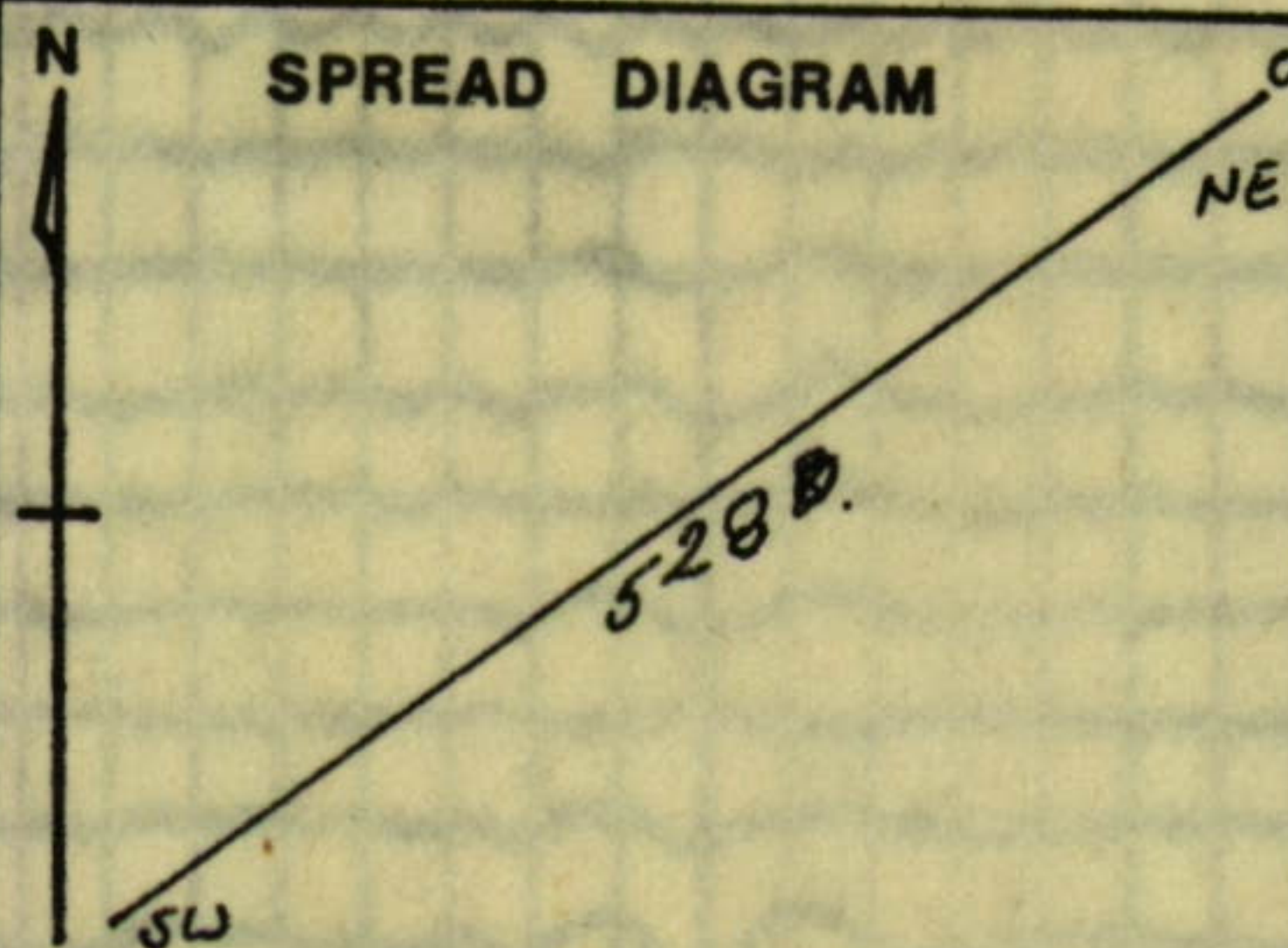
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660SPREAD TYPE 0'-5200'

## PLAYBACK

FILTERS 1/25 1/65AGC SLOW

Vc. ....  
Elev. 1105.5 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES**

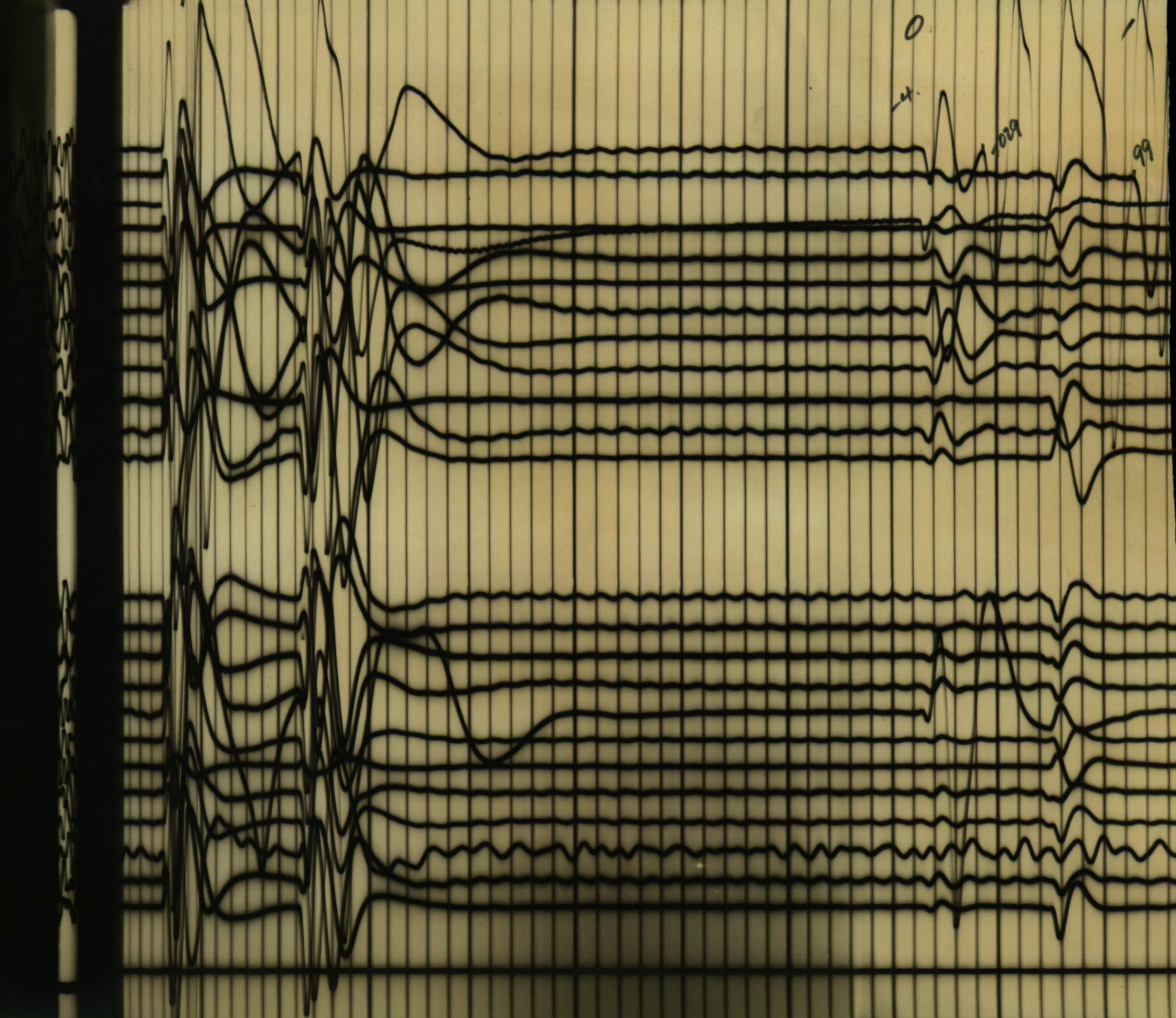
PTY LTD

DATE 4/OCT '71

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CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4479

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53648

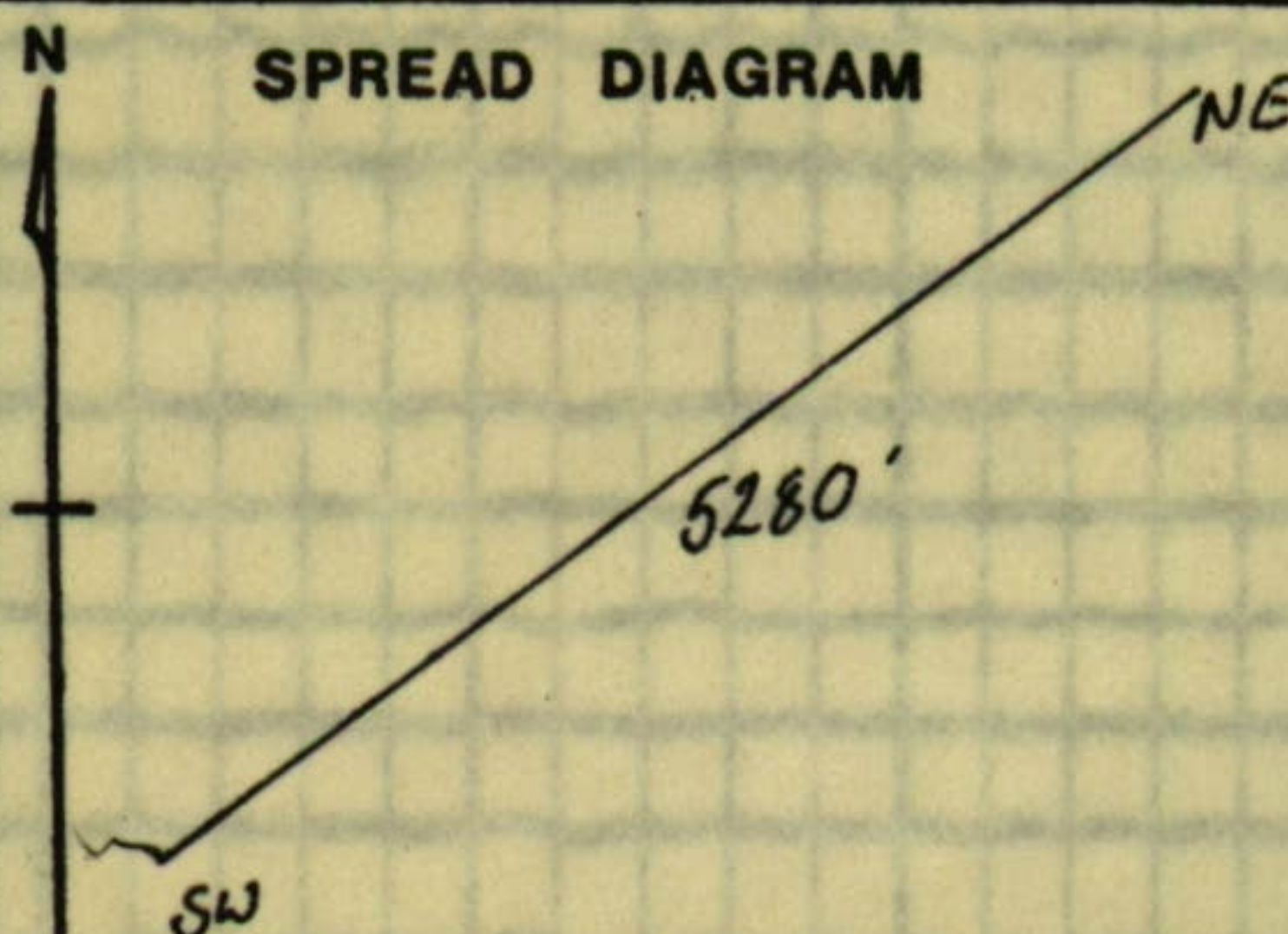
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....  
Elev. 1108.9 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D .....



SHOT BY:

**GES**

PTY LTD

DATE 4<sup>TH</sup> OCT '71

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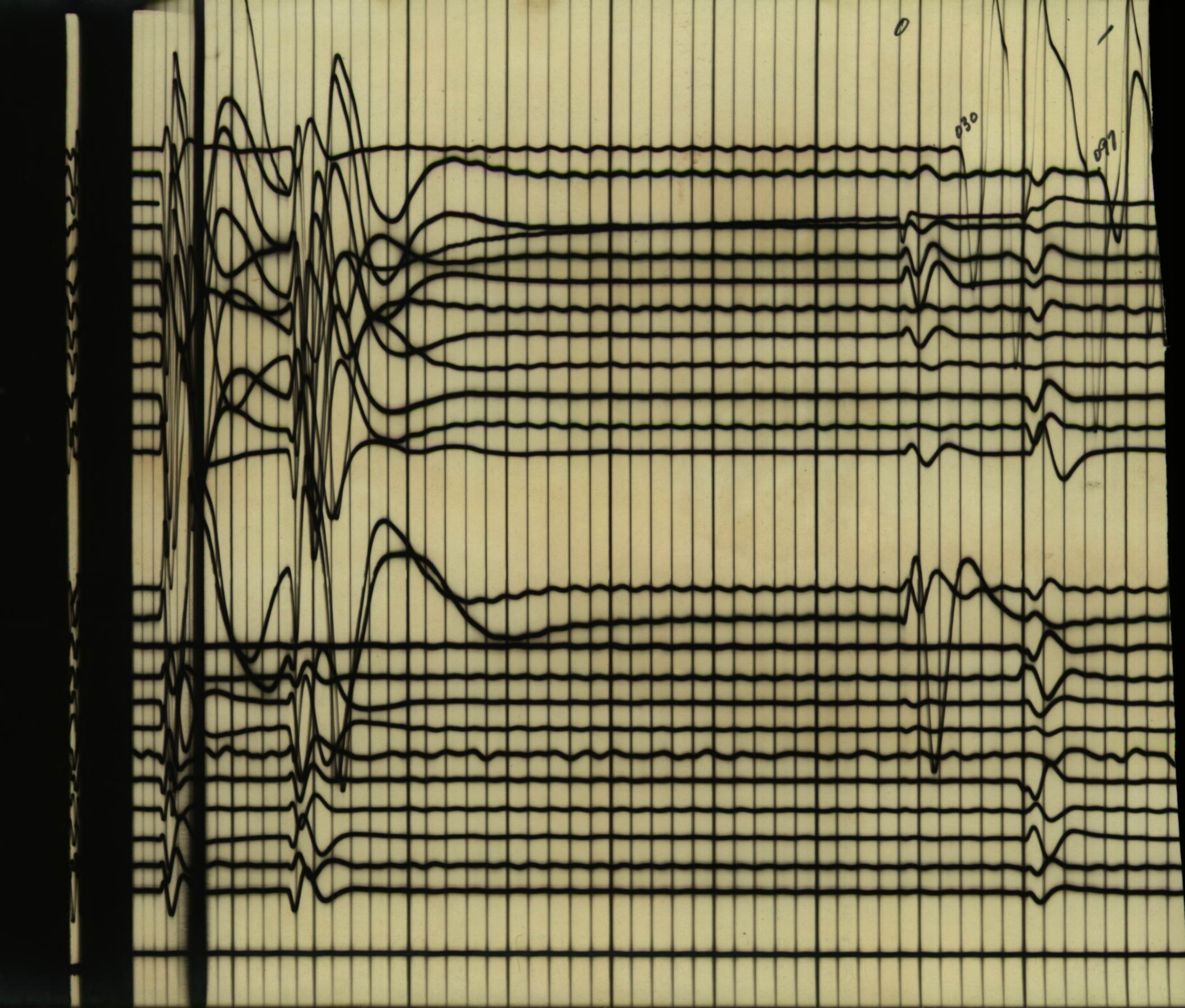
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TIE S.P. AA' DIR SW







HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4482

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53649

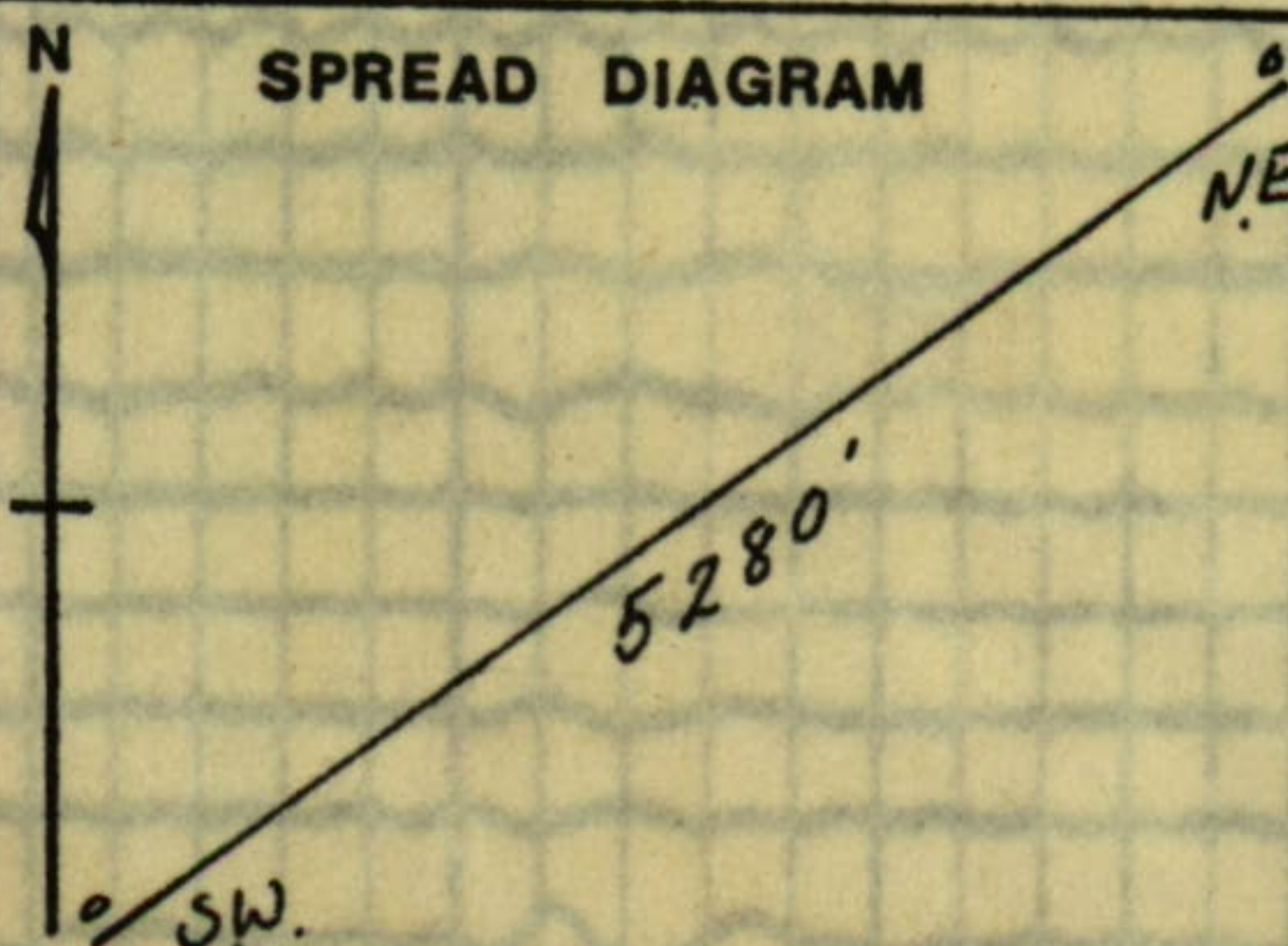
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 680'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

V<sub>c</sub> .....  
Elev. 1119.3 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



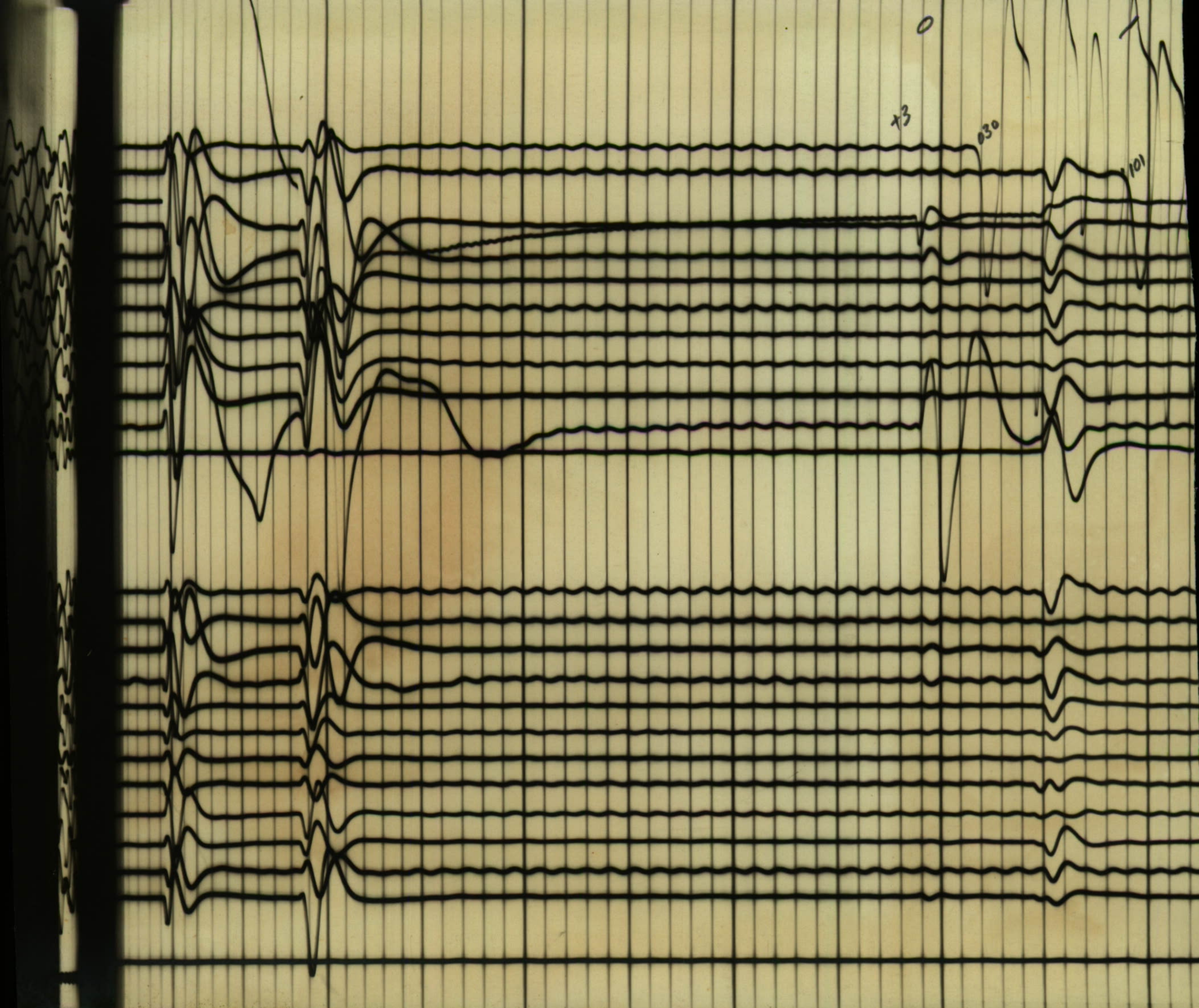
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**GES**

PTY LTD

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CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4485

LINE

820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 8x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53650

## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc.....  
Elev. 1139.8 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....

N  
SPREAD DIAGRAM

SHOT BY:

**GES**

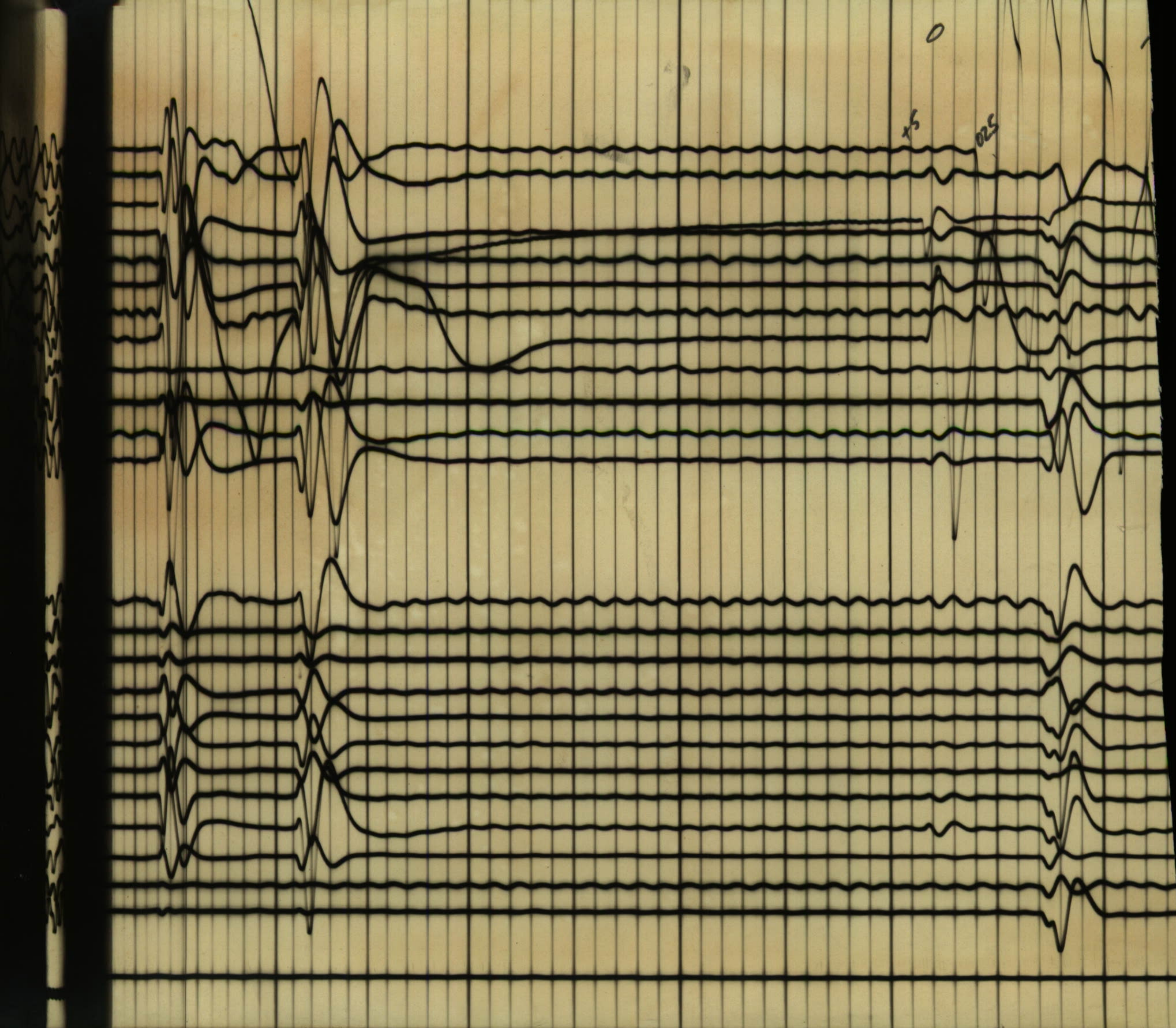
PTY LTD

DATE OCT 4<sup>TH</sup> '71

TIE S.P. .... DIR .....

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24TIE S.P. A91 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4488 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53651

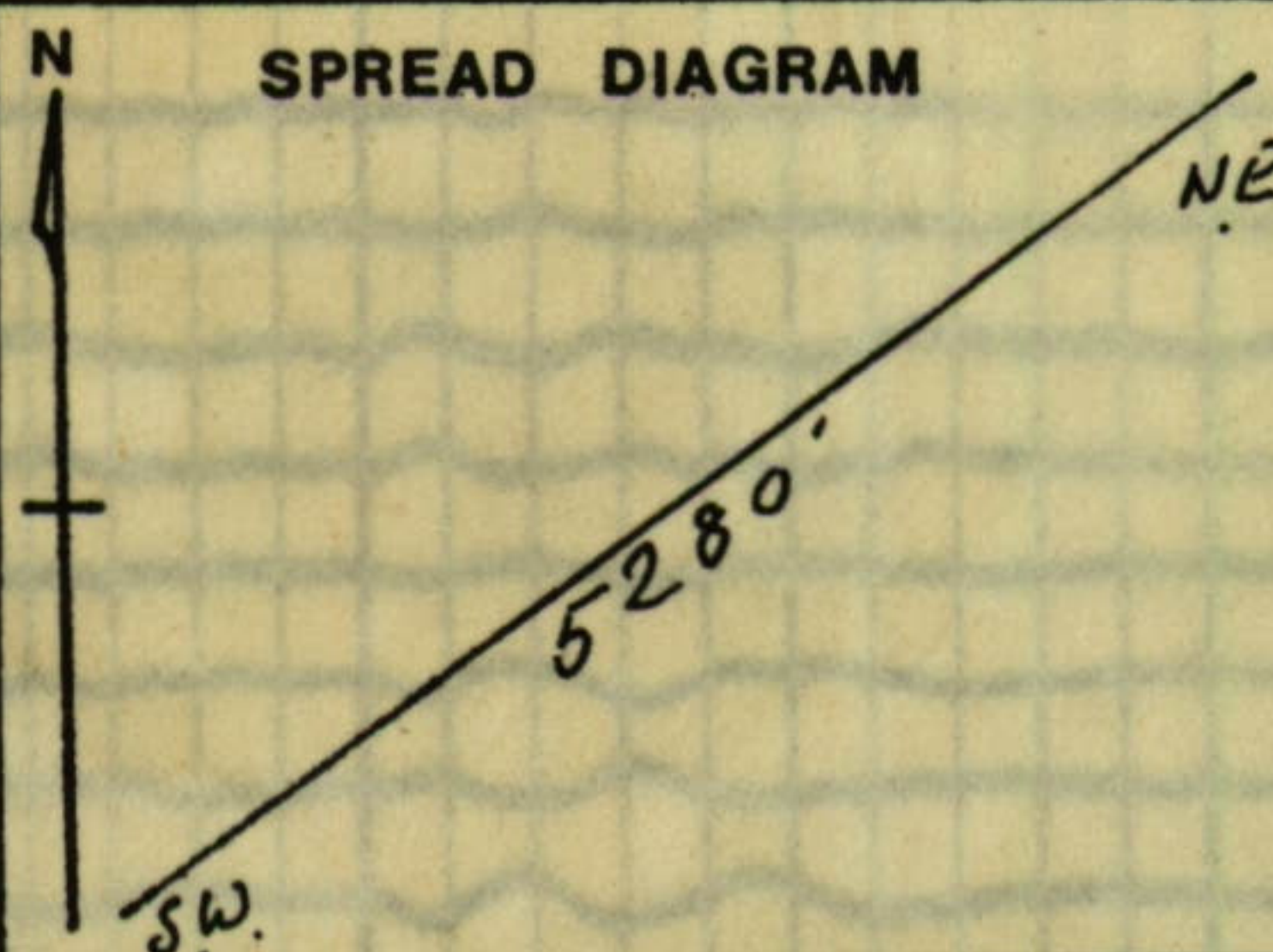
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5820

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....  
 Elev. 1170.0 Tsd. ....  
 Ds. .... Tuh. ....  
 Es. ....  
 Dtm. ....  
 S-D. ....



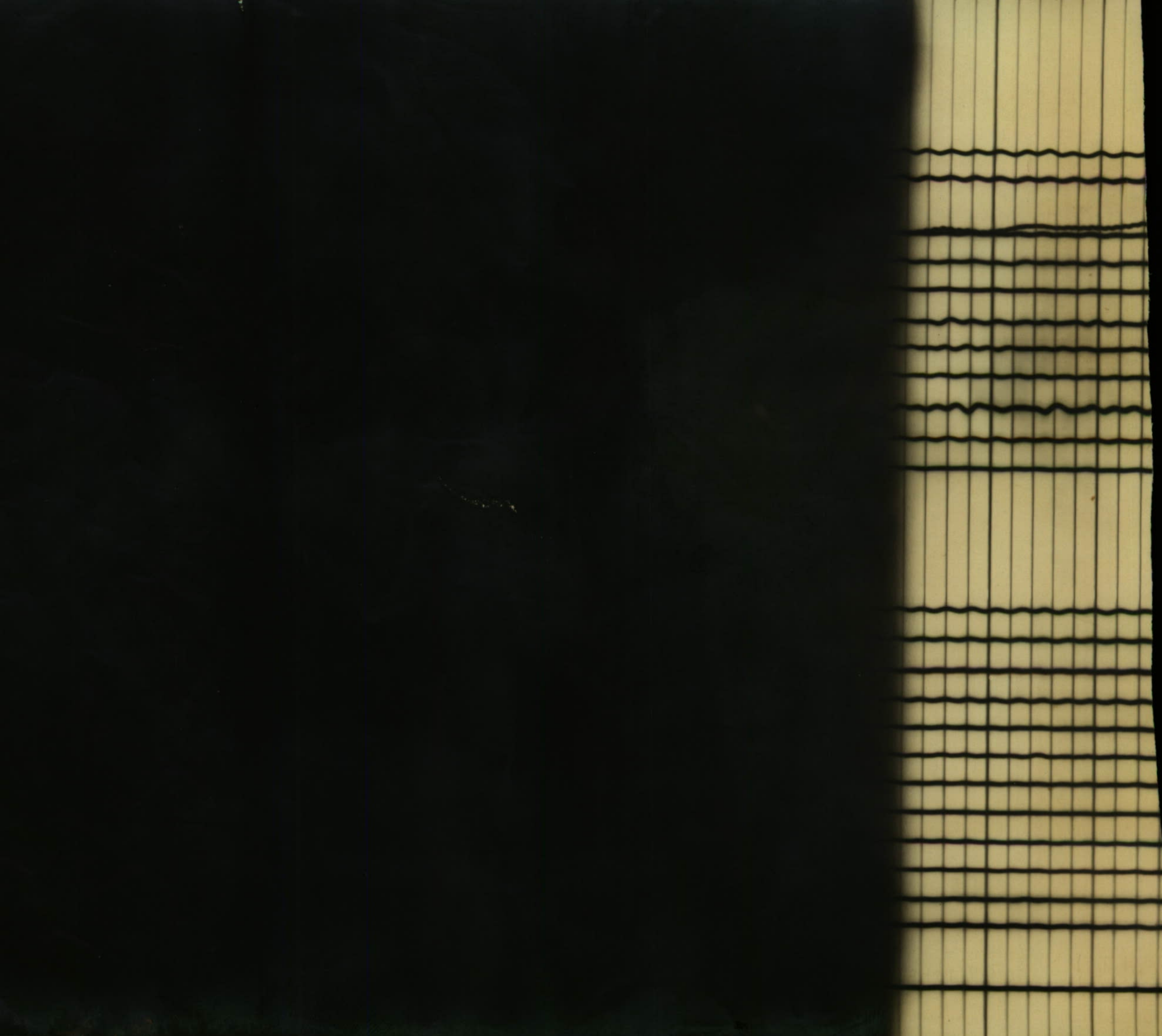
SHOT BY:

**GES PTY LTD**DATE 5<sup>TH</sup> OCT 71

TIE S.P. .... DIR. ....

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24TIE S.P. 500 DIR SW







HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4491 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53652

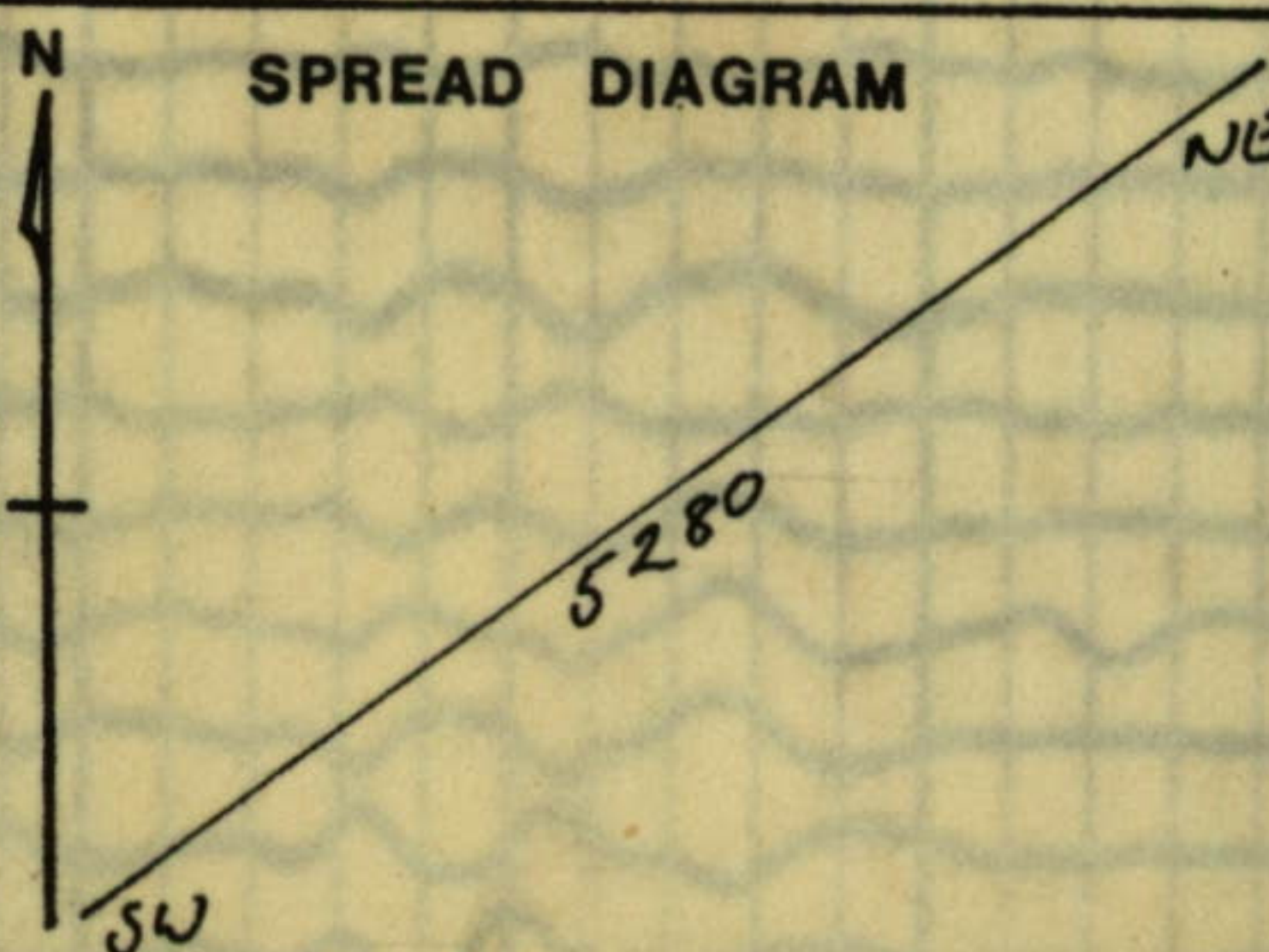
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

V<sub>c</sub> .....  
Elev. 1183.6 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



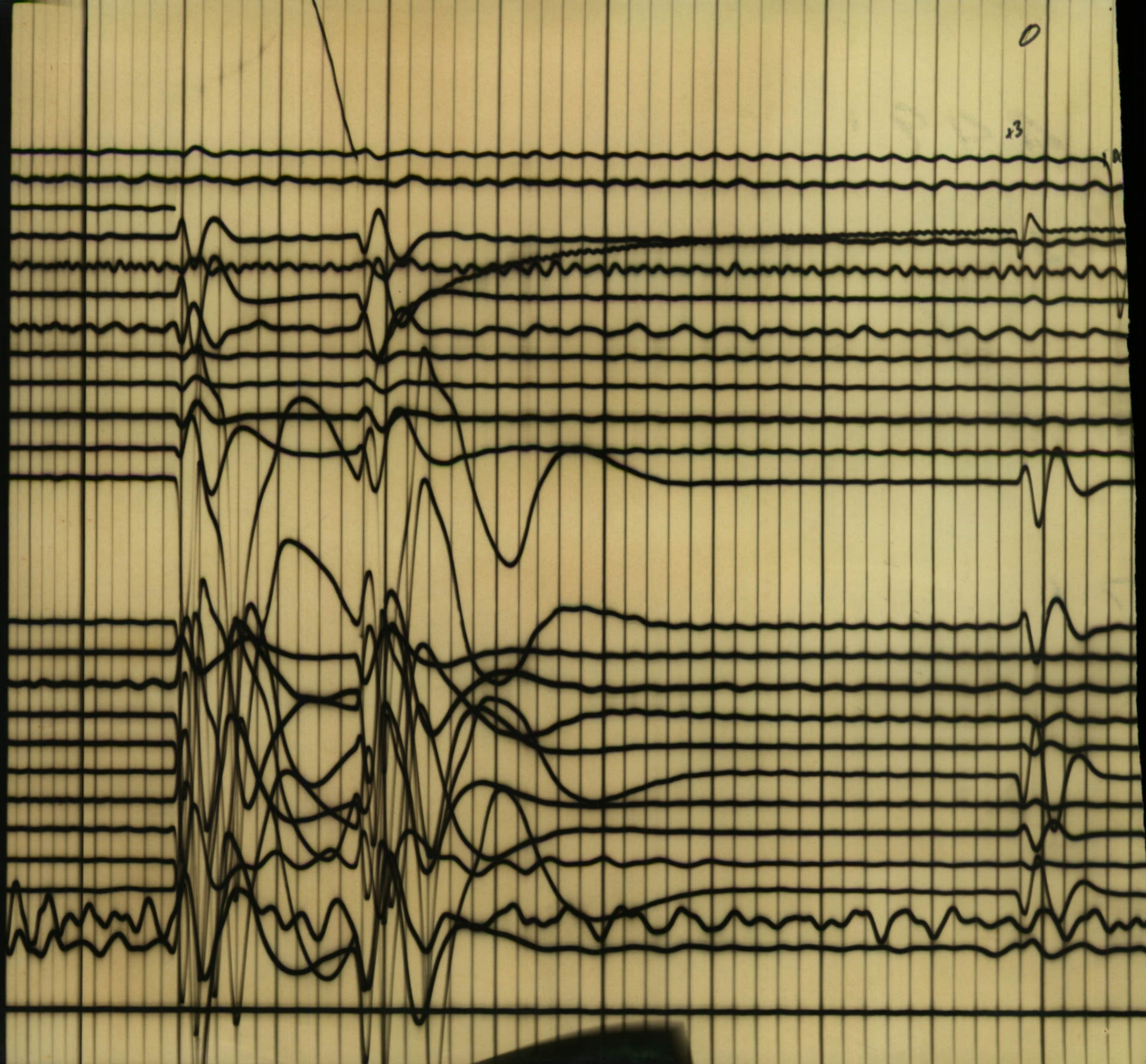
SHOT BY:

**GES PTY LTD**DATE 5<sup>TH</sup> OCT '71TIE S.P. 503 DIR SW1  
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24TIE S.P. 503 DIR SW



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23





CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4494 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53653

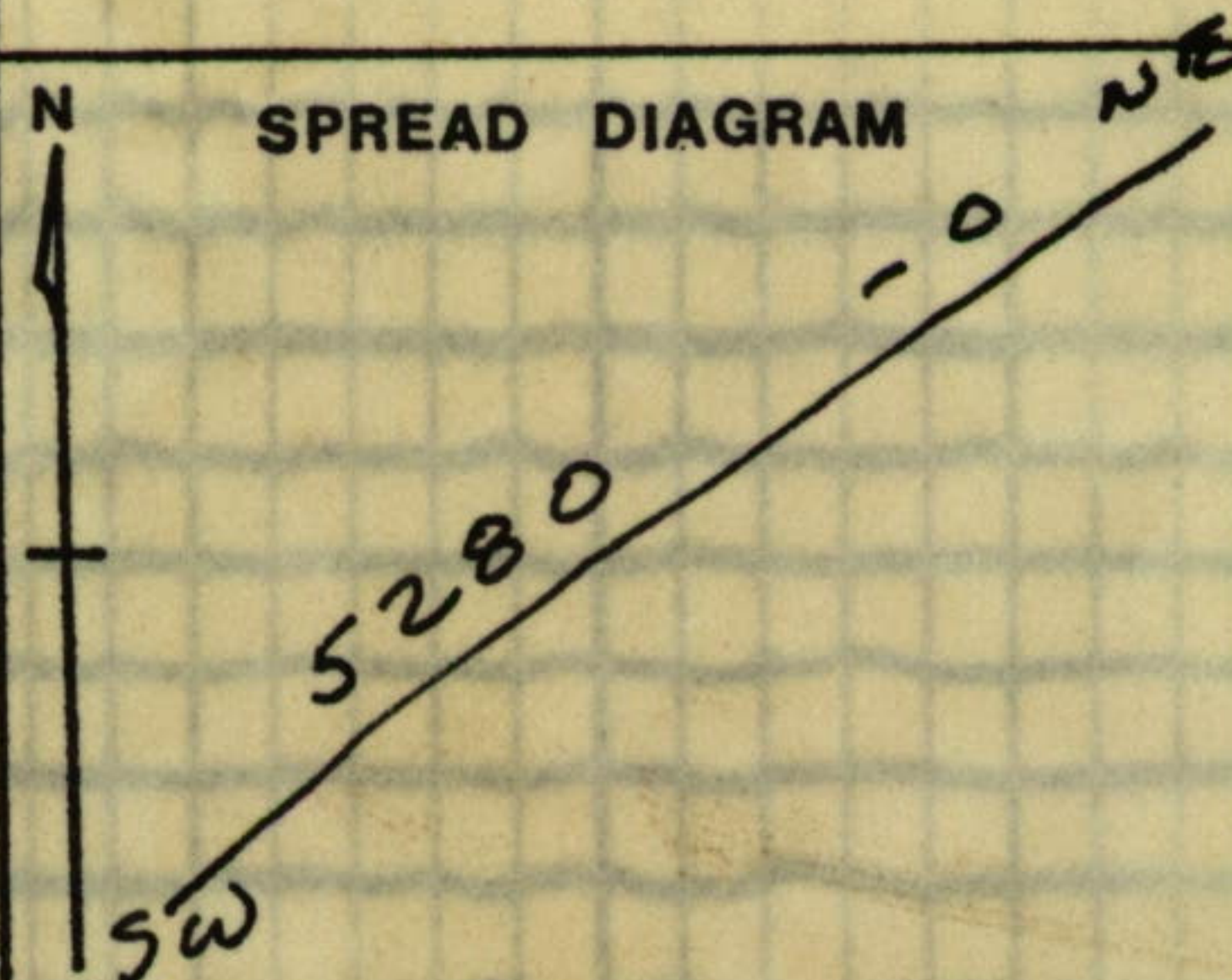
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220SHOT POINT INT. 660SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

V<sub>c</sub> .....  
Elev. 1146.7 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



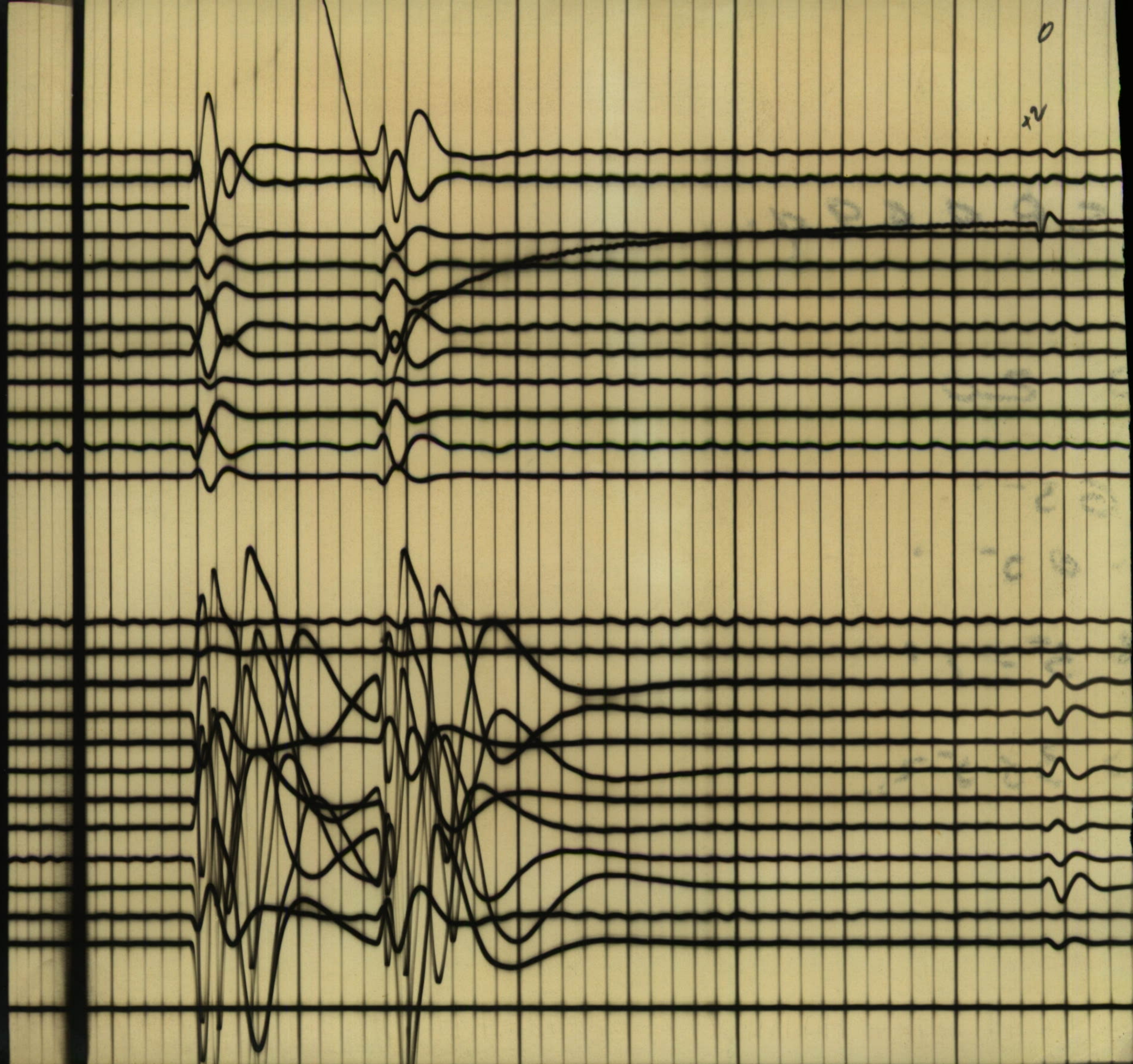
SHOT BY:

**GES** PTY LTDDATE 5<sup>TH</sup> OCT '91TIE S.P. 4506 DIR SW1  
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24TIE S.P. 4506 DIR SW



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x2





CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4497 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5<sup>#</sup>HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53654

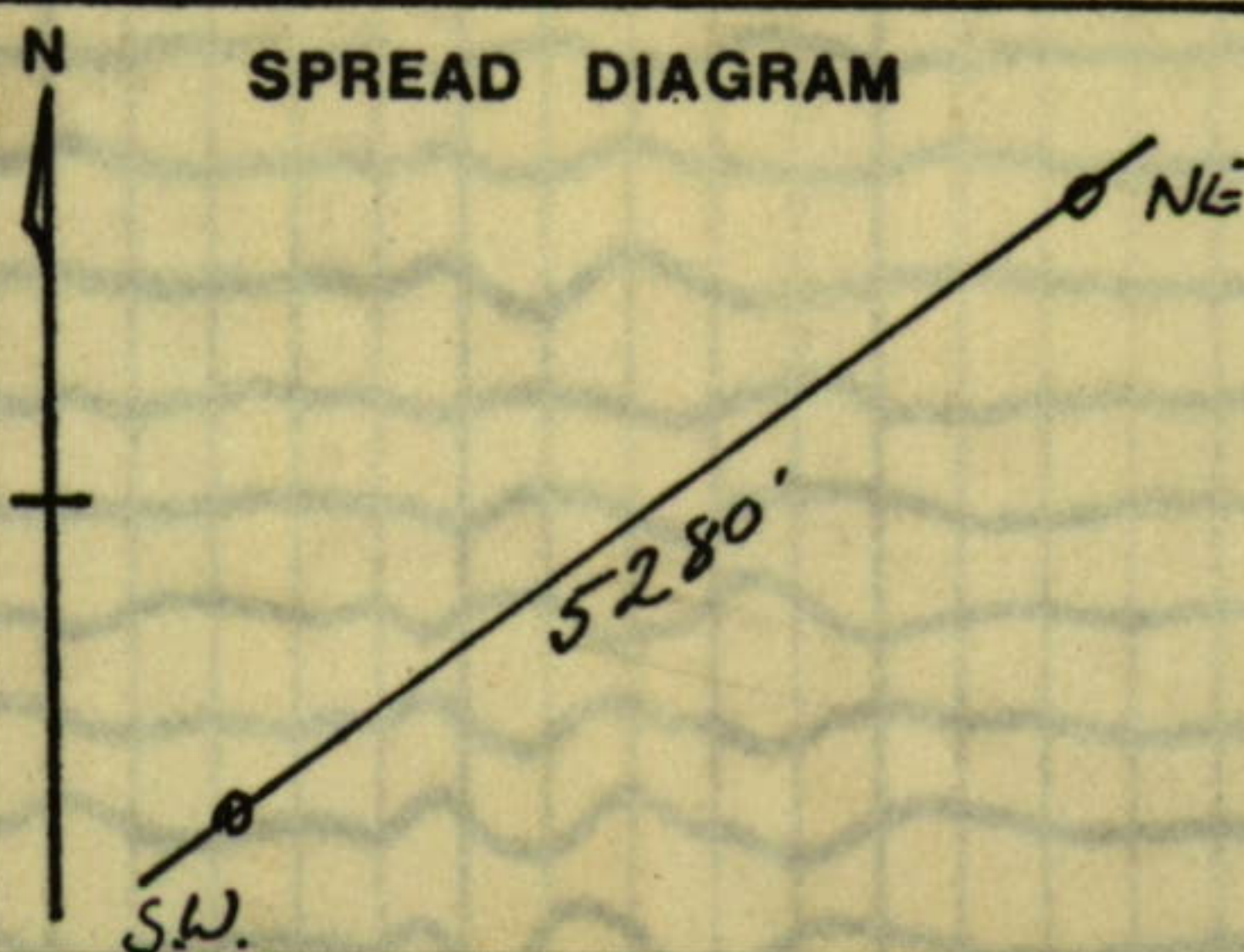
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'—5280

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

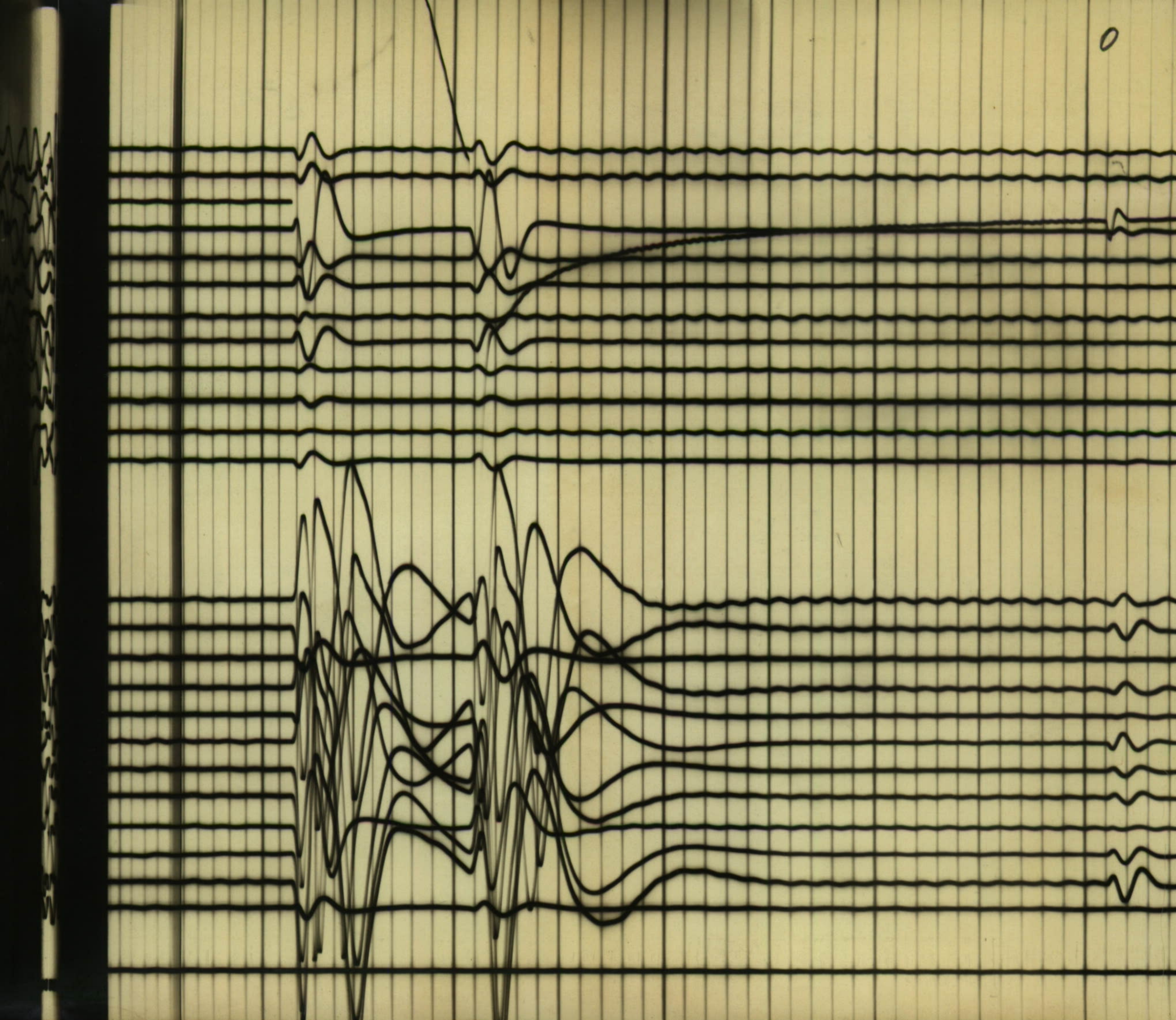
Vc. ....  
 Elev. 1148.0 Tsd. ....  
 Ds. .... Tuh. ....  
 Es. ....  
 Dtm. ....  
 S-D. ....



SHOT BY:

**GES PTY LTD**DATE OCT 5<sup>TH</sup> '71TIE S.P. 4509 DIR SWTIE S.P. 4509 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE           S.P. 4500 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 5 x 5 #HOLE PATTERN            MON            PBK. ☒ TAPE No. 53655

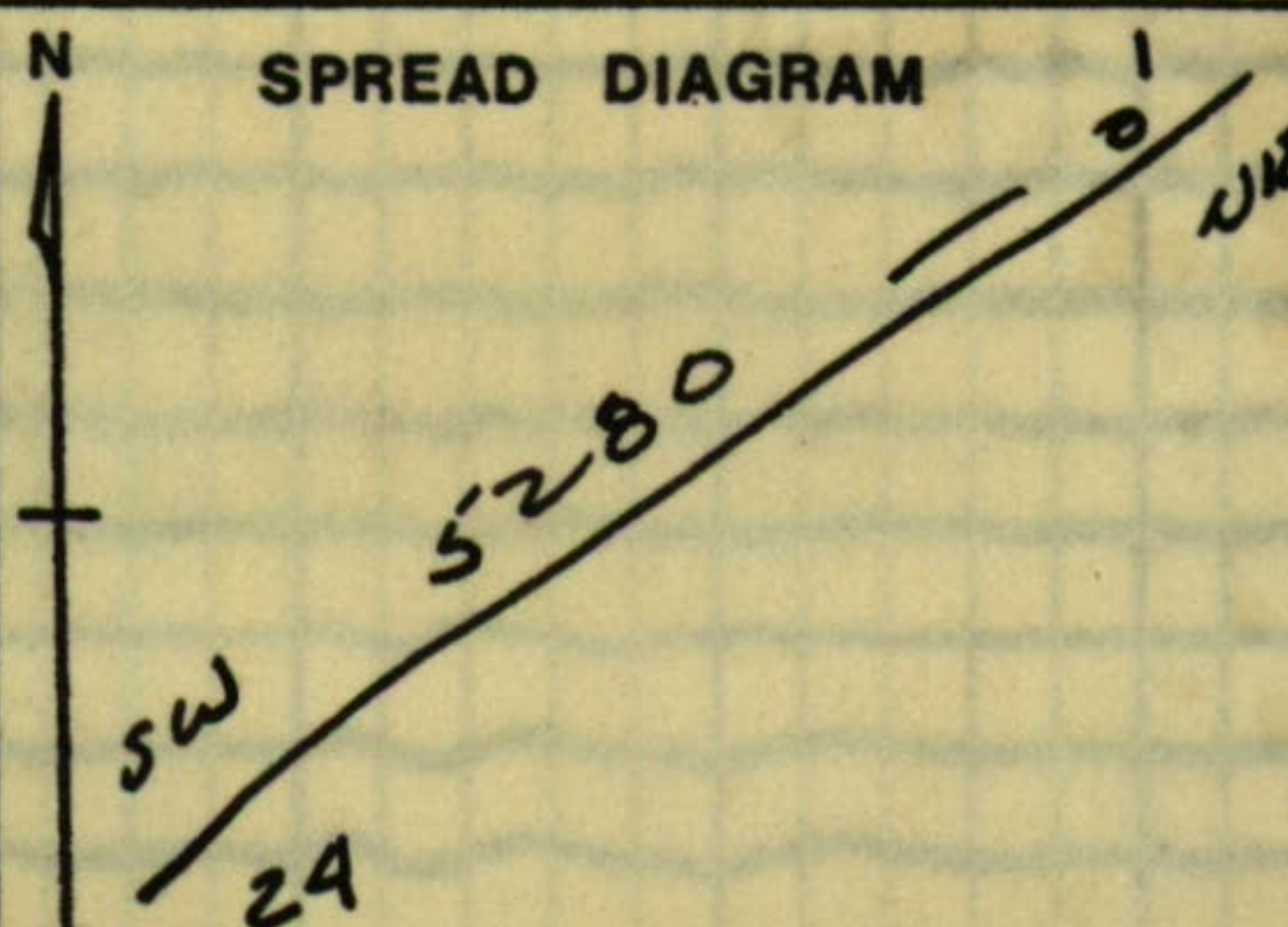
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0' - 5280

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc.....  
Elev. 1150.6 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



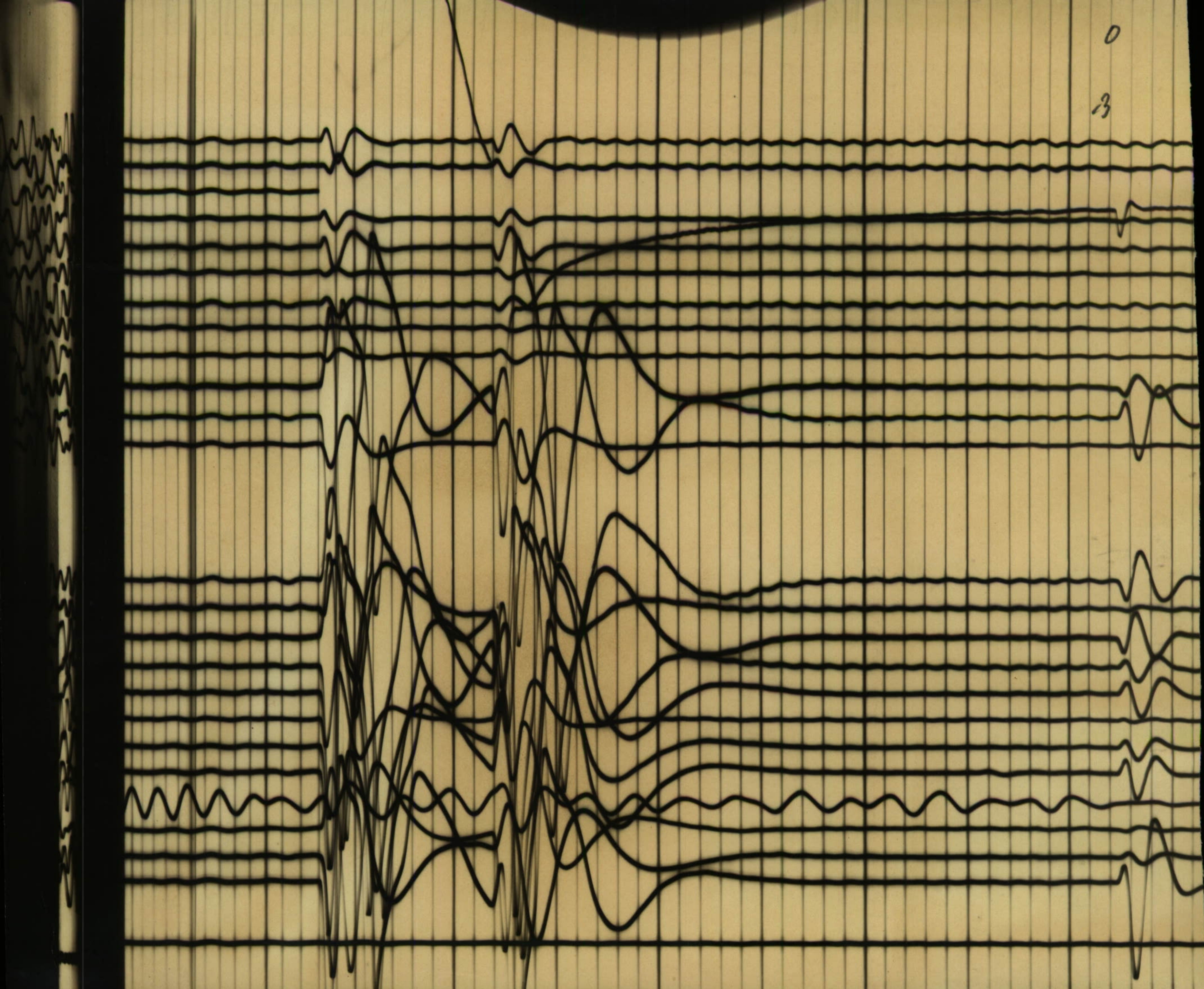
SHOT BY:

**GES** PTY LTDDATE 5<sup>th</sup> Oct '71TIE S.P.            DIR           1  
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24TIE S.P. 4512 DIR SW



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HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4503 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 5x5#HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53656

## RECORDING

INST TYPE GA 33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 4'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....

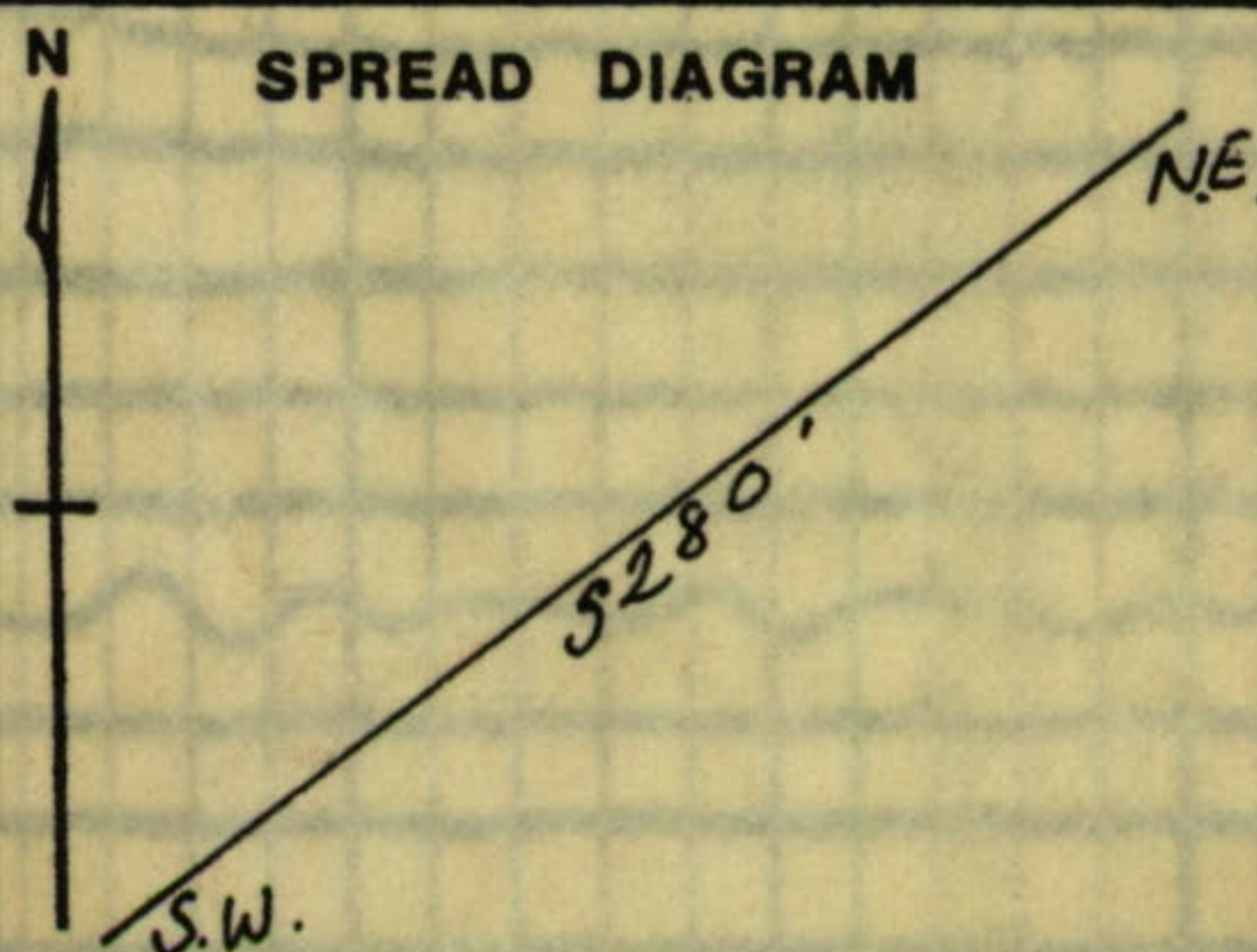
Elev. .... Tsd. ....

Ds. .... Tuh. ....

Es. ....

Dtm. ....

S-D \_\_\_\_\_



SHOT BY:

**GES** PTY LTDDATE 5<sup>TH</sup> OCT '71

TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

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TIE S.P. 4518 DIR. S



HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIASTATE QLD

S.P.

4506

LINE

820SHOT No. A DEPTH OF SHOT 20 CHARGE SIZE 6x5HOLE PATTERN IN LINE MON.      PBK. ✓ TAPE No. 53657

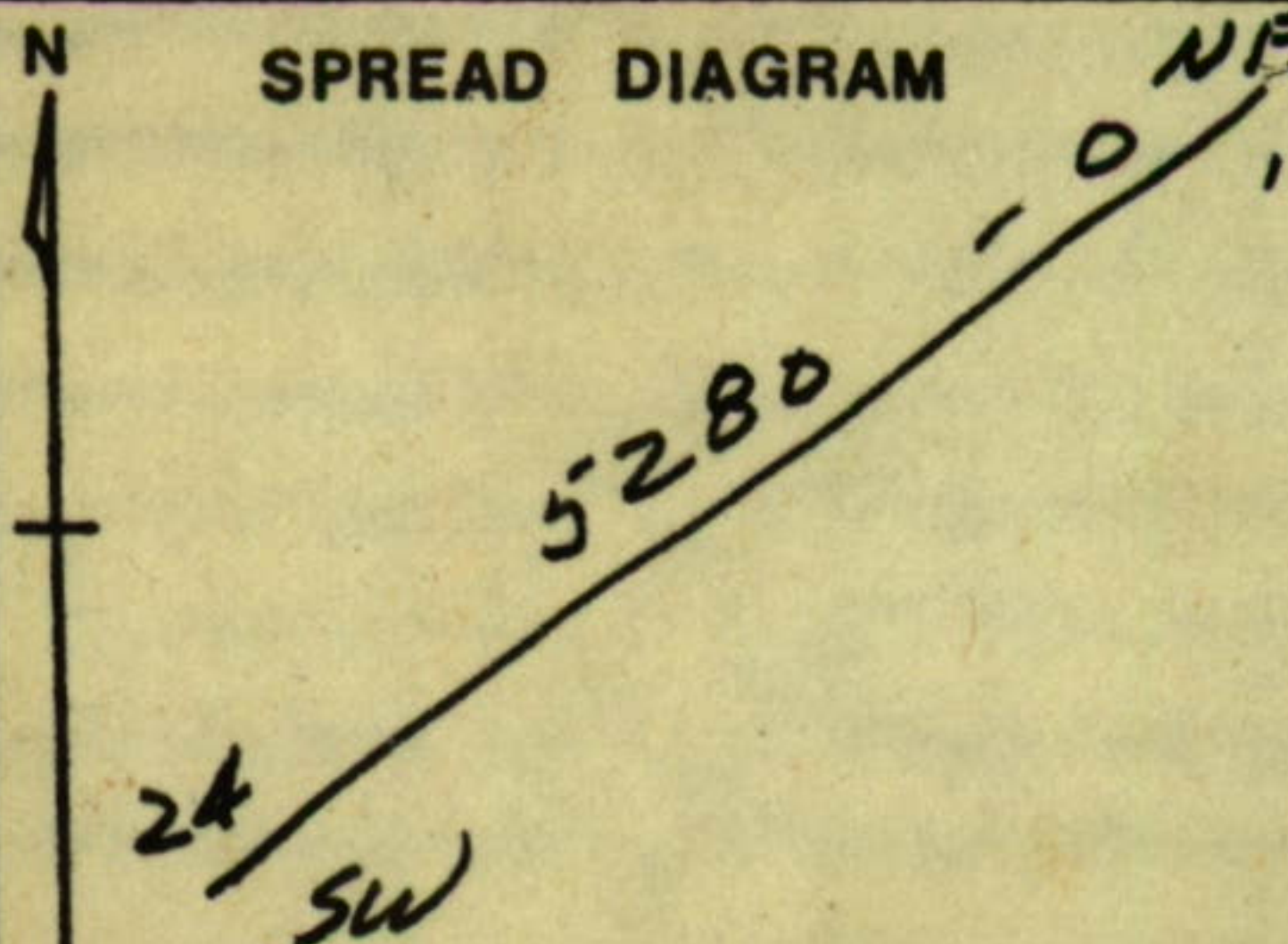
## RECORDING

INST TYPE GA 33sFILTERS 1/20 - 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220SHOT POINT INT. 660SPREAD TYPE 0-5280

## PLAYBACK

FILTERS 1/20 - 1/65AGC SLOW

Vc. ....  
Elev. 1179.3 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES**

PTY LTD

DATE

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TIE S.P. 4518 DIR SW



CLIENT

HARTOGEN

PROSPECT

COOTABYNIA

STATE

QLD

S.P.

4509

LINE

820

SHOT No.

A

DEPTH OF SHOT

20'

CHARGE SIZE

6 X 5 #

HOLE PATTERN

IN LINE

MON.

PBK.

✓

TAPE No.

53658

## RECORDING

INST TYPE

GA-33

FILTERS

1/20 1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0' - 5280

## PLAYBACK

FILTERS

1/20 1/65

AGC

SLOW

V<sub>c</sub>  
Elev. 1164.7  
Ds  
Es  
Dtm  
S-D

Tsd

Tuh

N

## SPREAD DIAGRAM

NE

5280'

SW

SHOT BY:

GES

PTY LTD

DATE 5<sup>TH</sup> OCT '71

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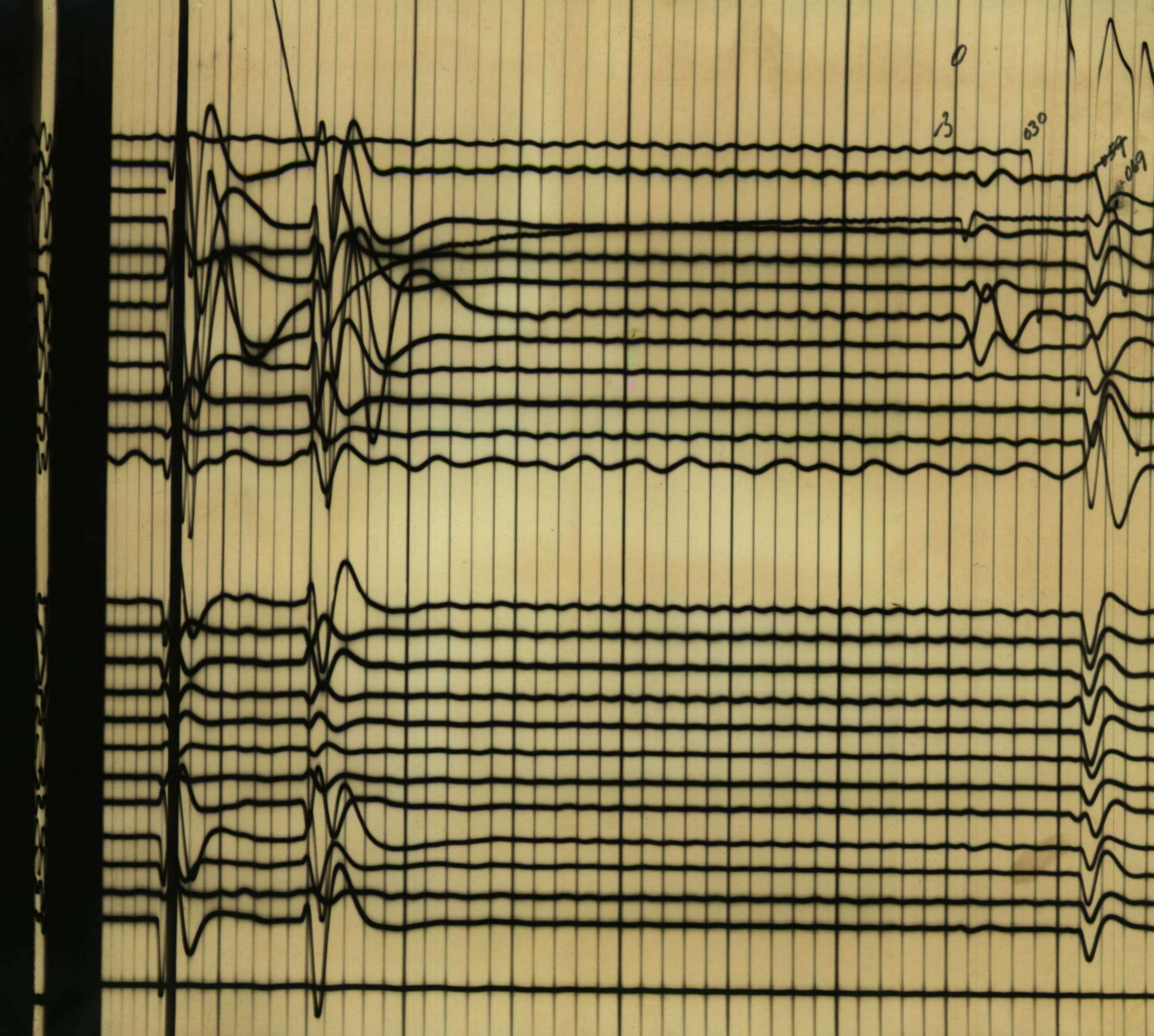
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TIE S.P. DIR







CLIENT HARTOGEN

PROSPECT COOTABYNIA

STATE QLD

S.P.

4506

LINE

820

SHOT No A DEPTH OF SHOT 20 CHARGE SIZE 6x5

HOLE PATTERN IN Line MON.      PBK. ✓ TAPE No 53657

RECORDING

INST TYPE GA 33s

FILTERS 1/20 - 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220

SHOT POINT INT. 660

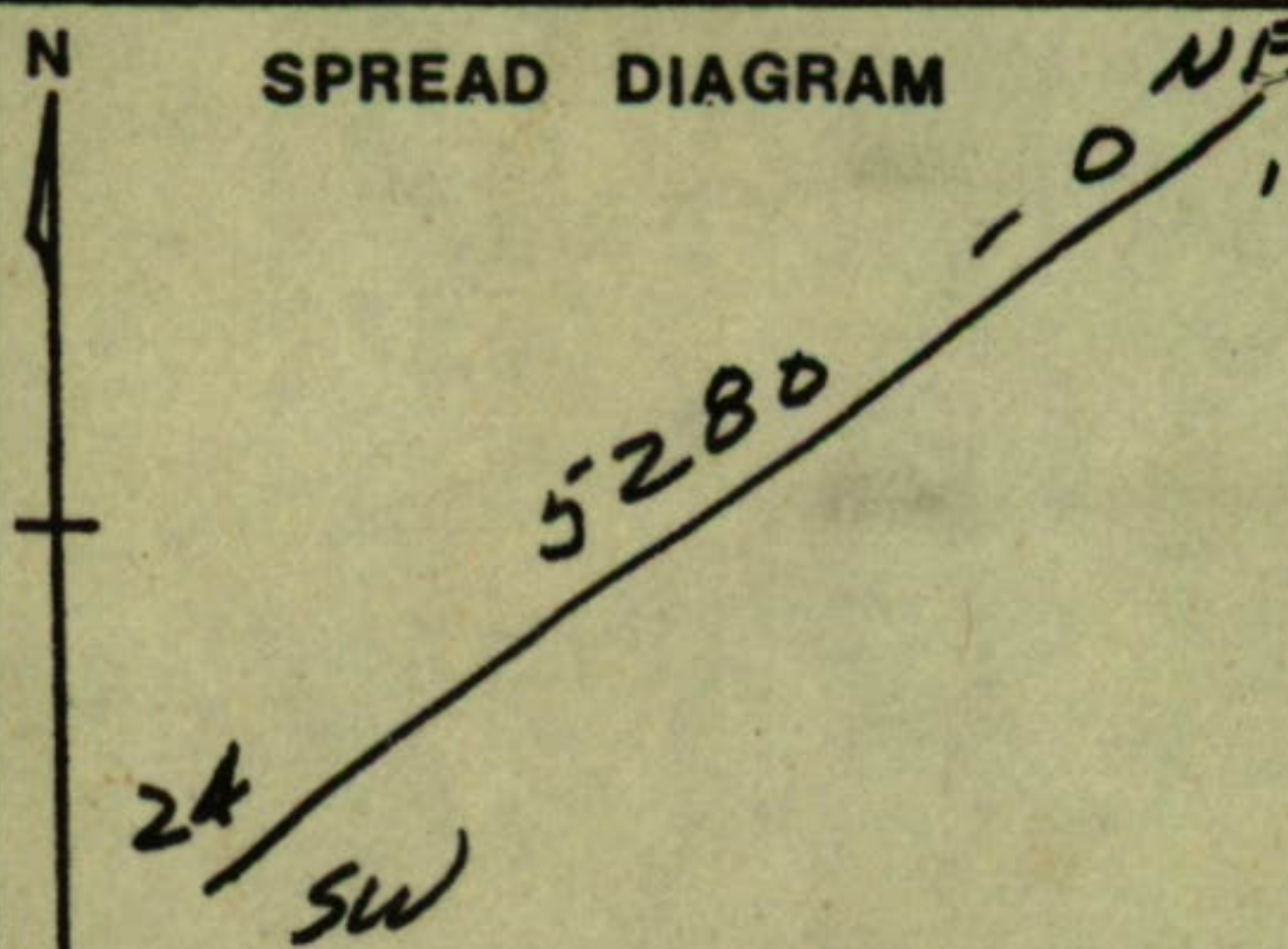
SPREAD TYPE 0-5280

PLAYBACK

FILTERS 1/20 - 1/65

AGC SLOW

Vc. ....  
Elev 1179.3 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES**

PTY LTD

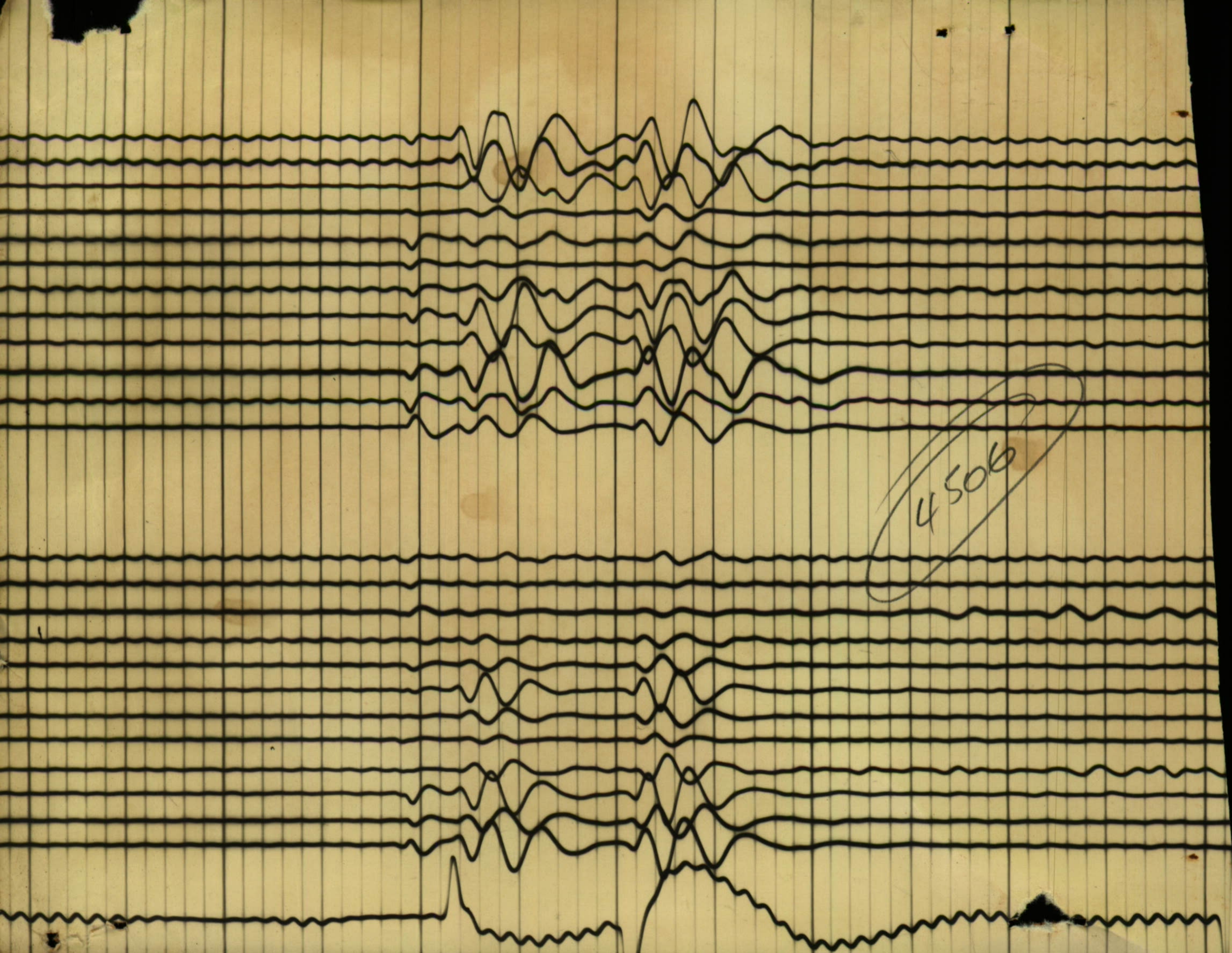
DATE

TIE S.P.      DIR     

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TIE S.P. 4518 DIR SW





4506

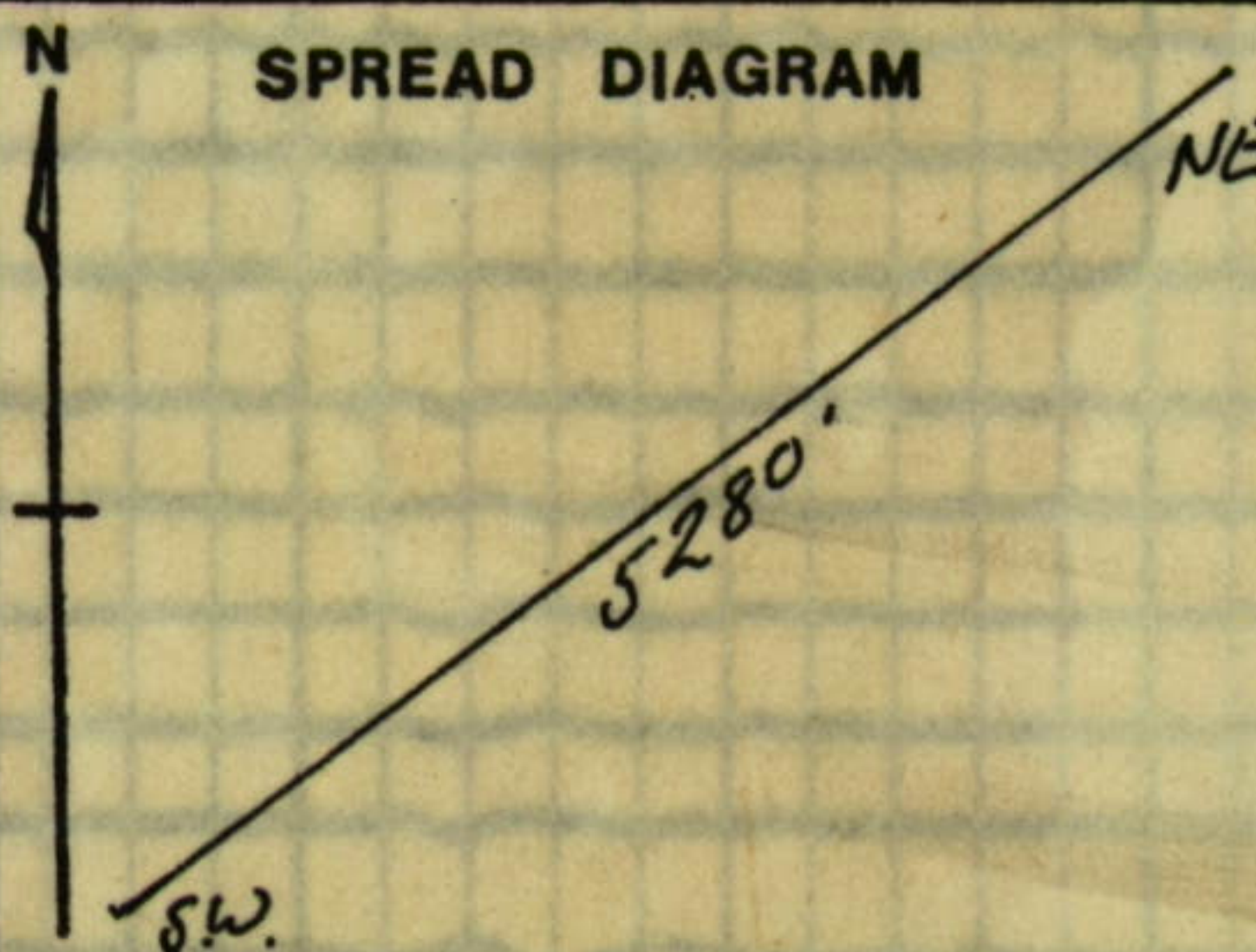


CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4512 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6 X 10#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53659RECORDING GA-33INST TYPE 1/20 1/65FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc 3  
 Elev. 1153.3 Tsd .....  
 Ds ..... Tuh .....  
 Es .....  
 Dtm .....  
 S-D .....



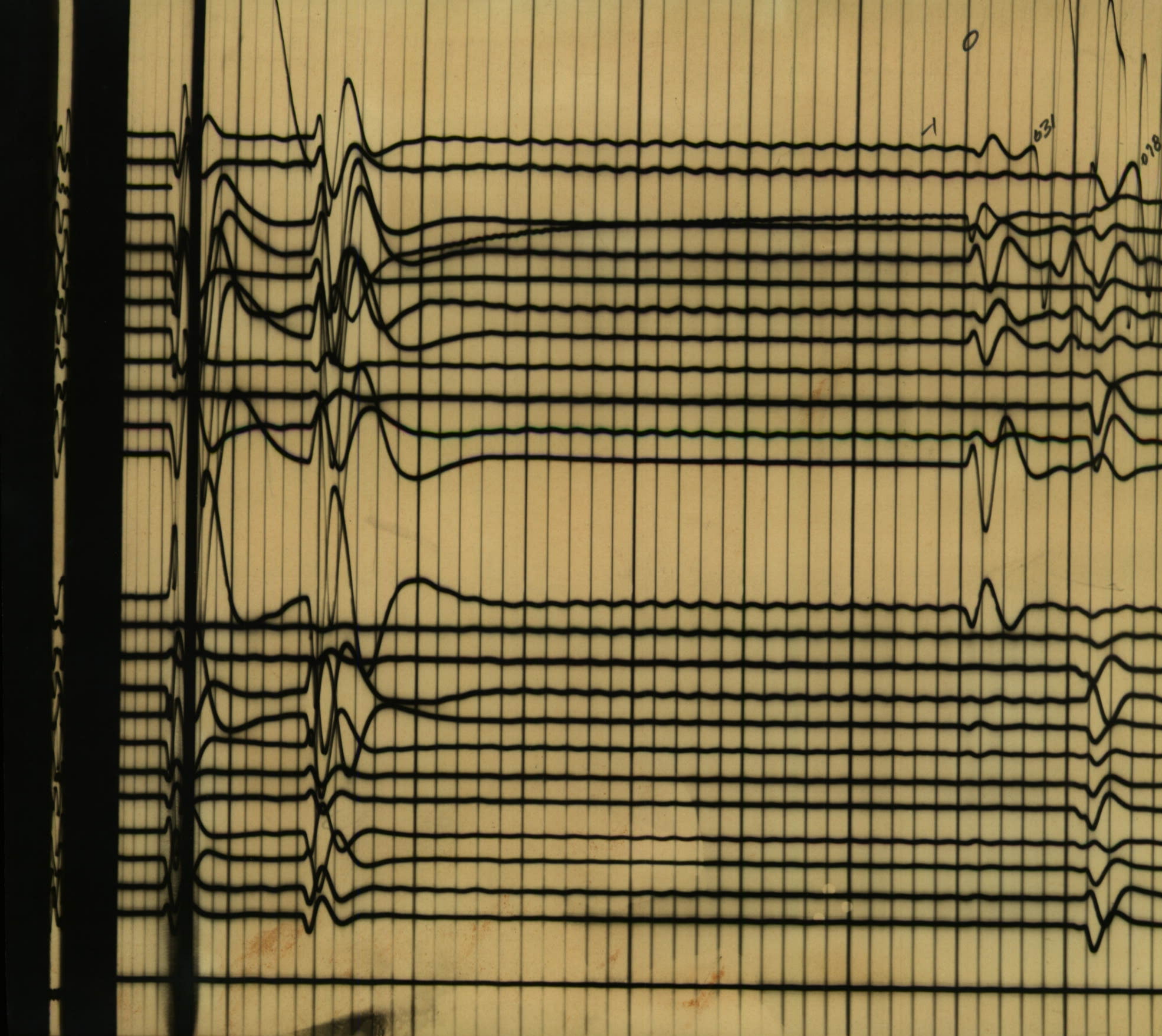
SHOT BY:

**GES** PTY LTDDATE 5<sup>TH</sup> OCT '71

TIE S.P. .... DIR .....

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24TIE S.P. 4512 DIR SW







CLIENT

HARTOGEN

PROSPECT

COOTABYNIA

STATE

S.P.

4515

LINE

820

SHOT No. A

DEPTH OF SHOT

20'

CHARGE SIZE

5X5#

HOLE PATTERN

IN LINE

MON.

PBK. ✓

TAPE No.

53660

## RECORDING

INST TYPE

GA-33

FILTERS

1/20 1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0'-5280'

## PLAYBACK

FILTERS

1/20 1/65

AGC

SLOW

Vc.....

Elev. 1128.9

Tsd.....

Ds.....

Tuh.....

Es.....

Dtm.....

S-D

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SPREAD DIAGRAM

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5280'

SW

SHOT BY:

GES

PTY LTD

DATE

5<sup>th</sup> OCT 71

TIE S.P.

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TIE S.P.

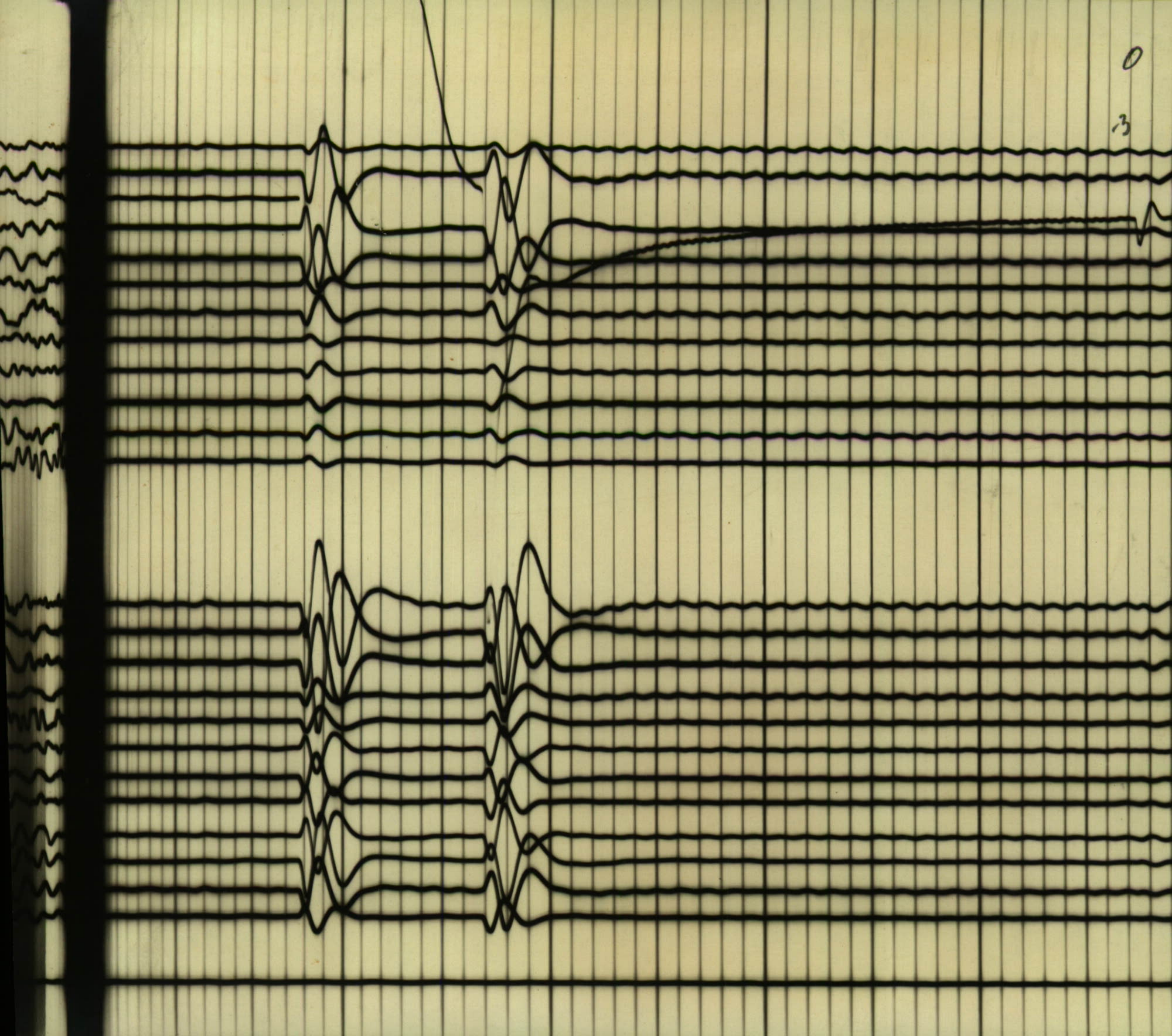
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CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLD

S.P.

4518

LINE

820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6 X 5<sup>#</sup>HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53561

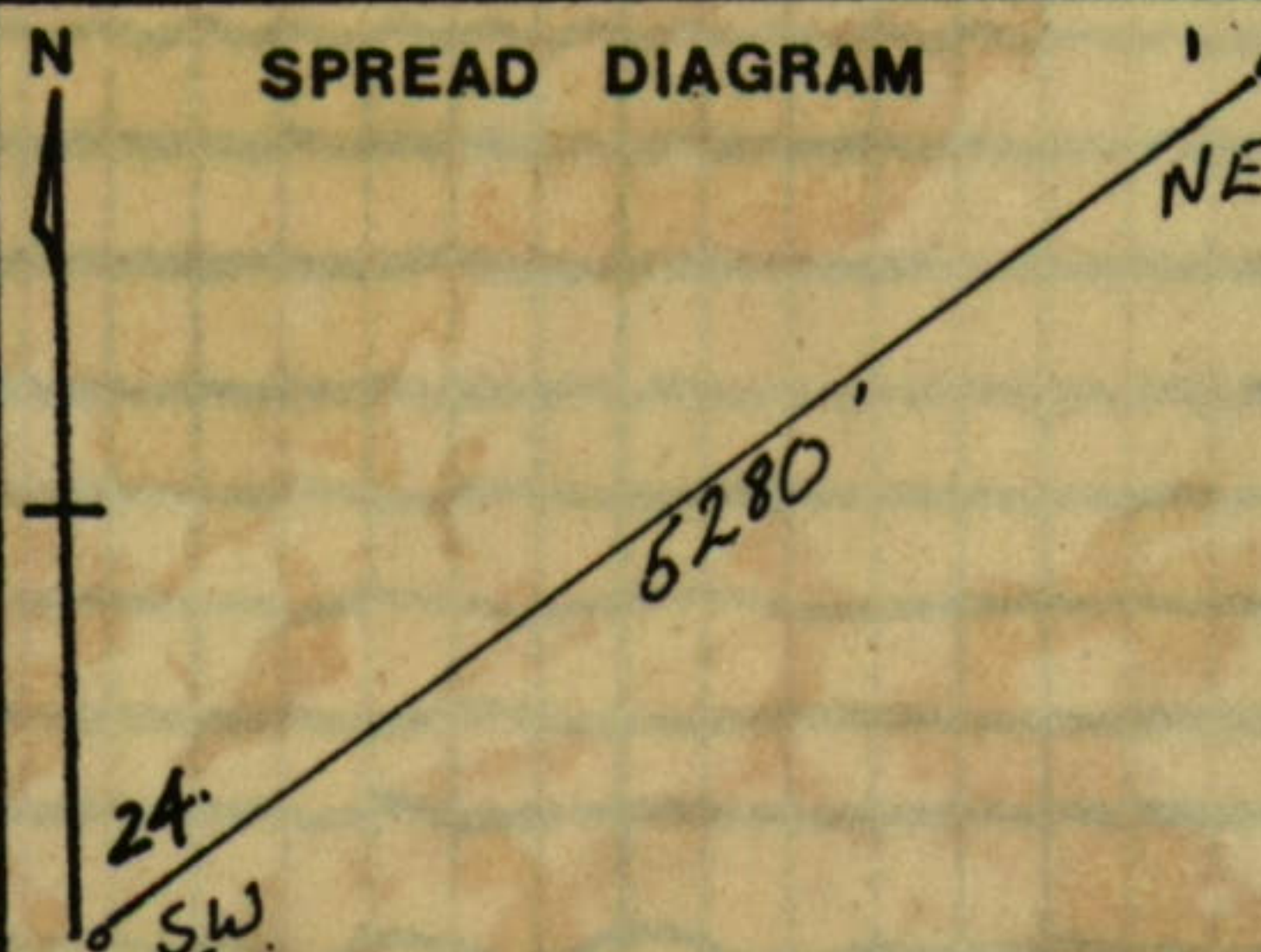
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. ....  
 Elev. 1122.9 Tsd. ....  
 Ds. .... Tuh. ....  
 Es. ....  
 Dtm. ....  
 S-D. ....



SHOT BY:

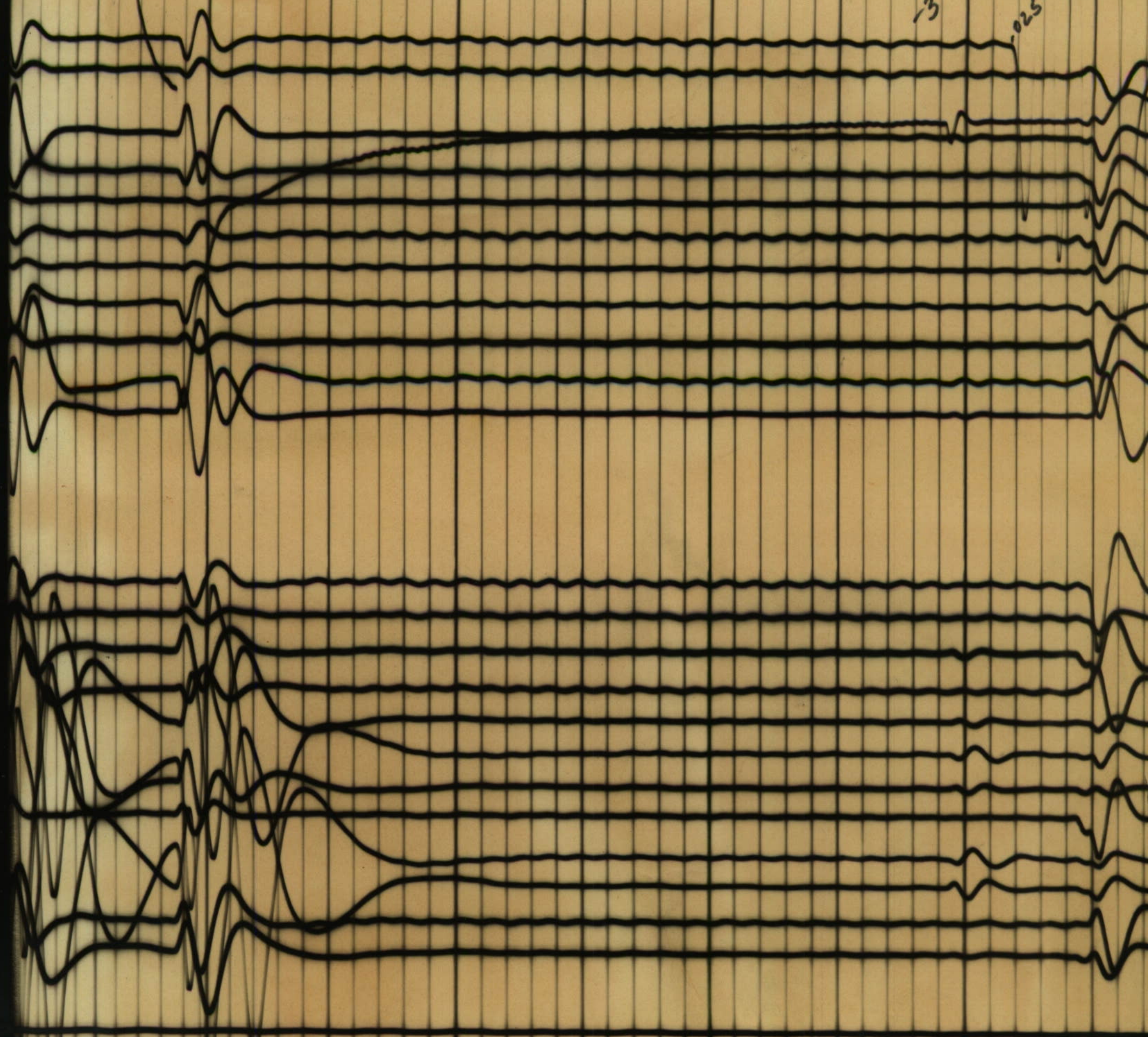
**GES** PTY LTDDATE 5<sup>TH</sup> OCT '71TIE S.P. --- DIR ---1  
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24TIE S.P. A539 DIR SW



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HOLE LOG

CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4521 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53662

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/60

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

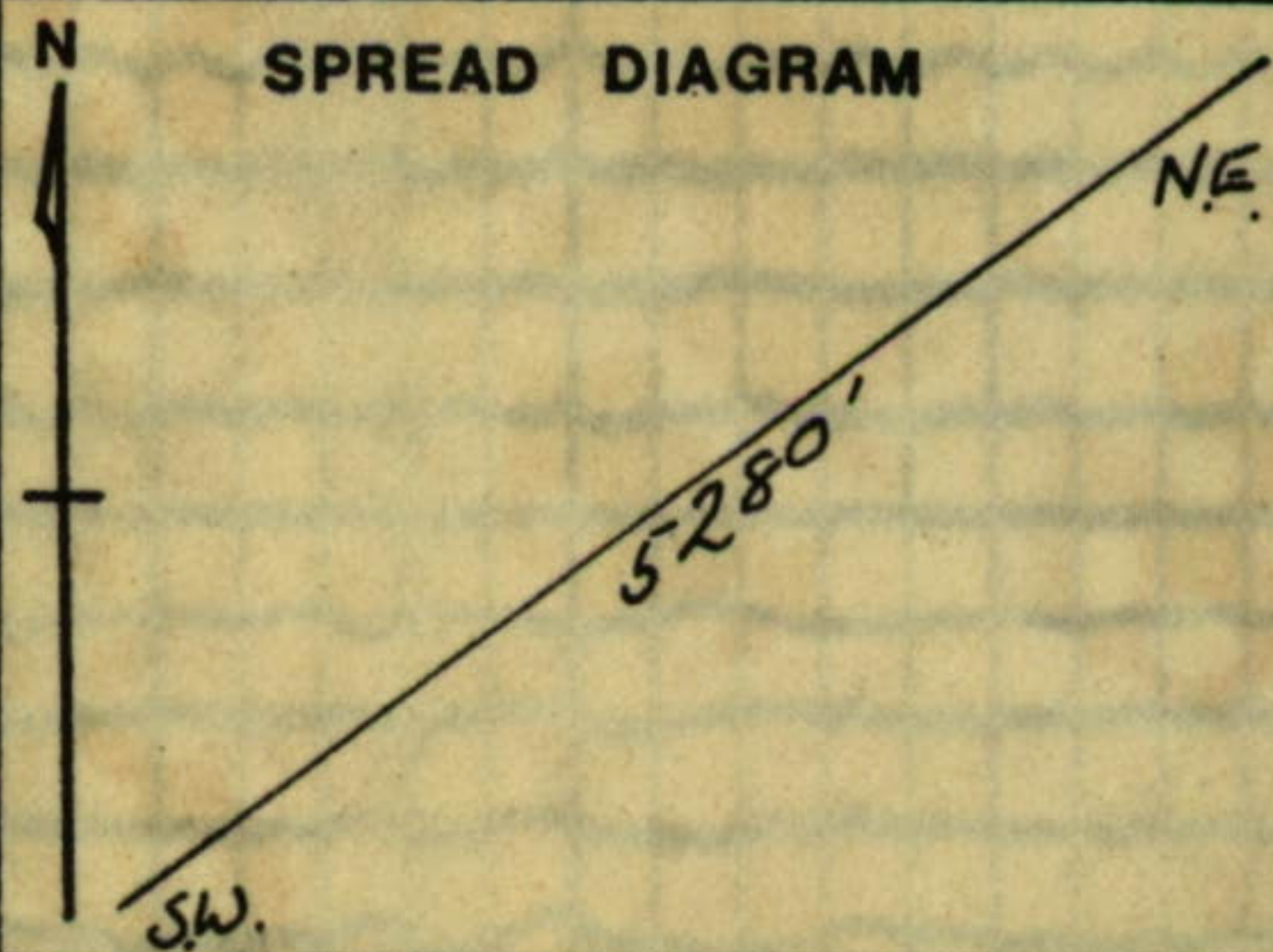
SPREAD TYPE 0'-5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

V<sub>c</sub> .....  
Elev. 1116.0 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES** PTY LTD

DATE 5/OCT. '71

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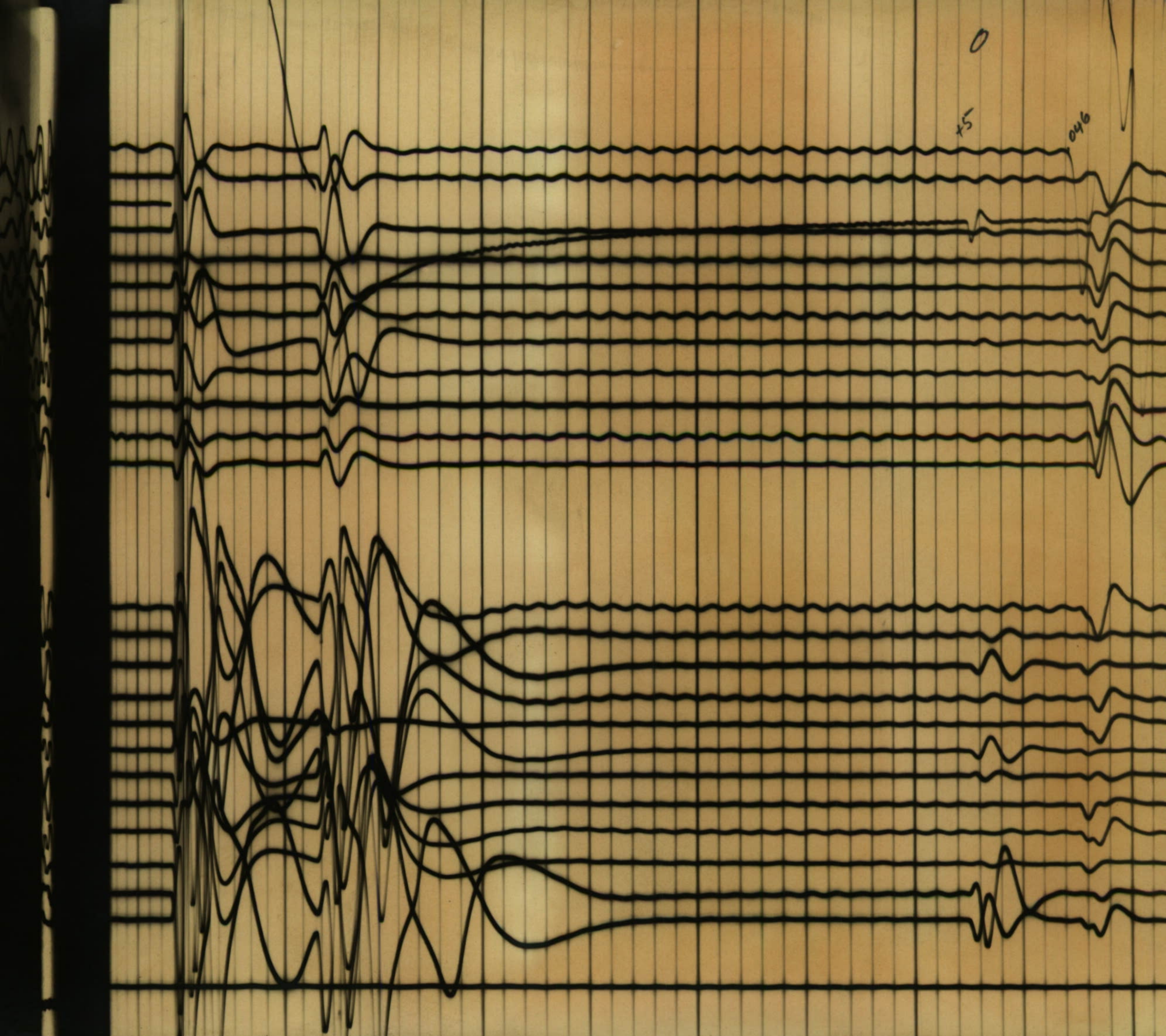
TIE S.P. A530 DIR SW



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x5

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CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4524 LINE 820

SHOT No A DEPTH OF SHOT 20 CHARGE SIZE 6x5 #

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No 53663

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

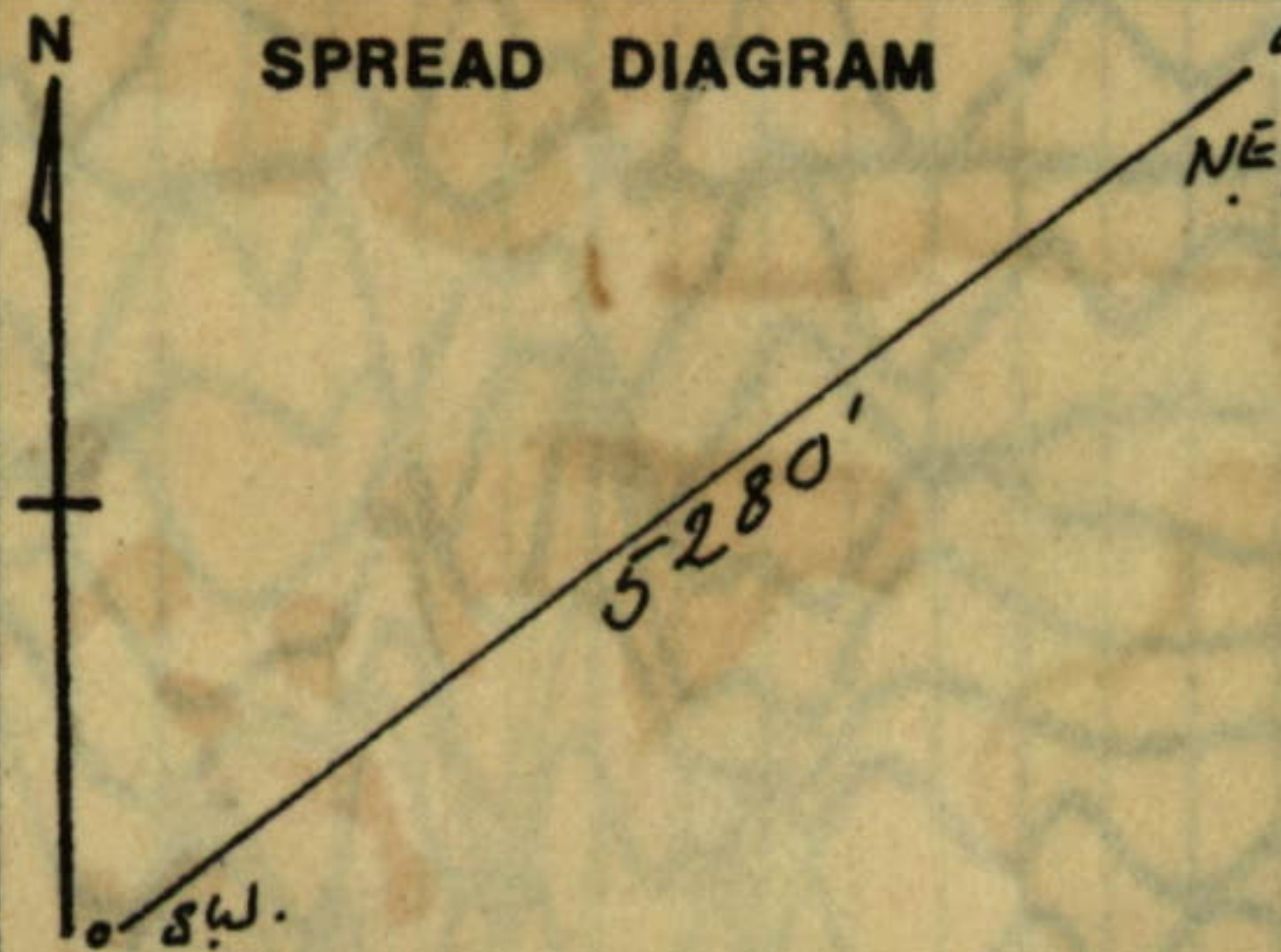
SPREAD TYPE 0' - 5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. ....  
Elev 1099.9 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES** PTY LTD

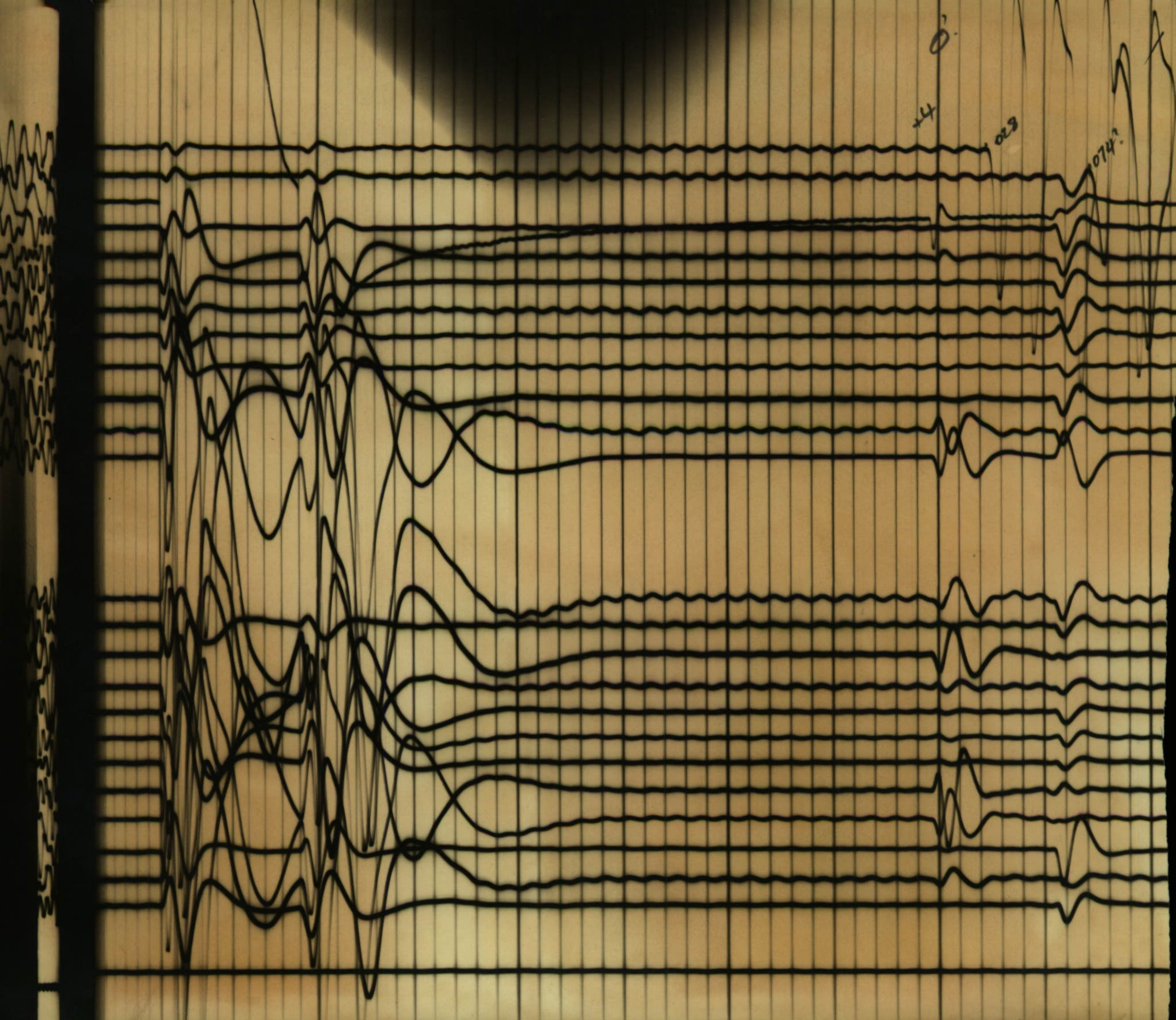
DATE 5<sup>TH</sup> OCT '71

TIE S.P. --- DIR ---

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TIE S.P. --- DIR ---







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLD

S.P.

4527

LINE

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x10#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53664

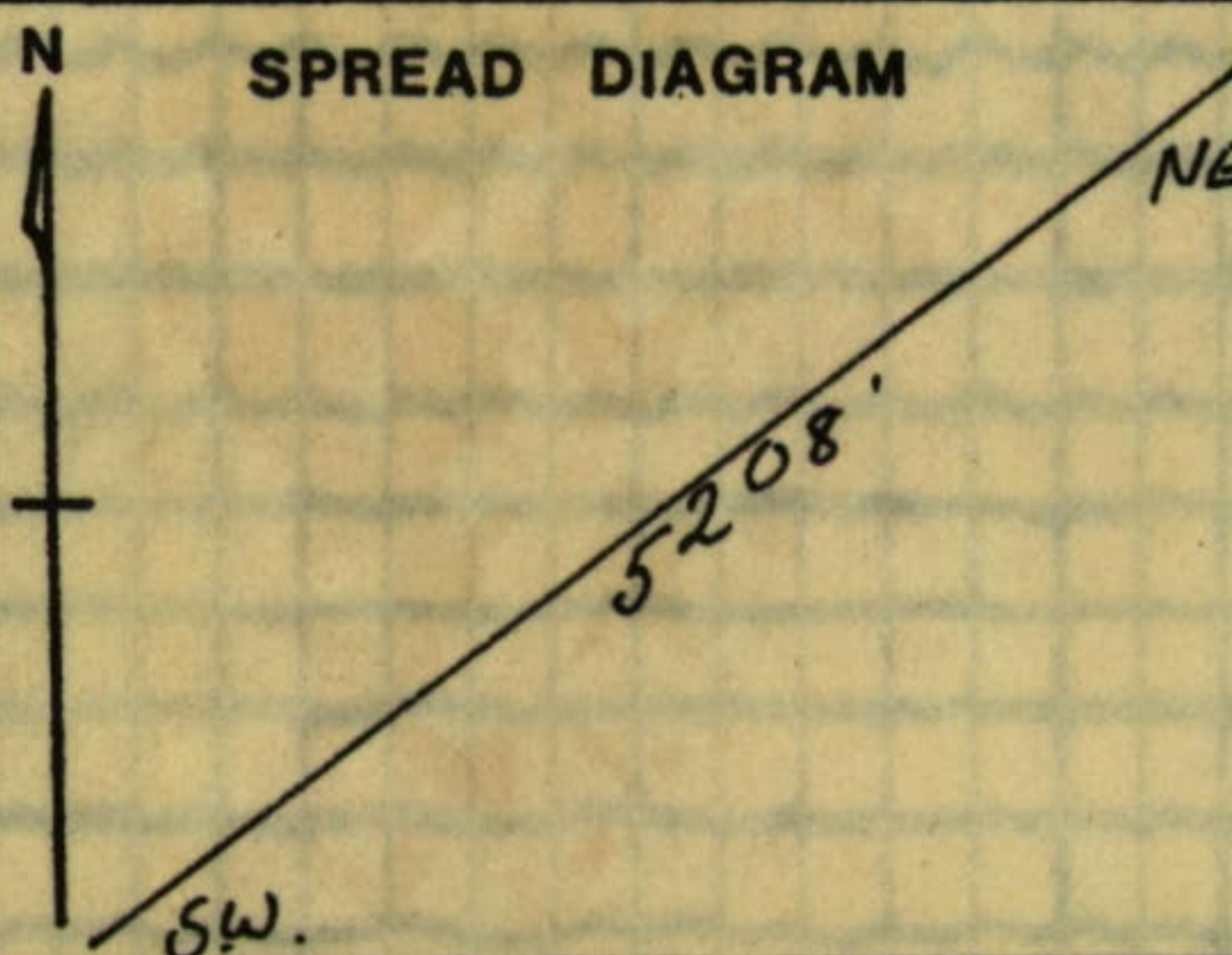
## RECORDING

INST TYPE GA-66 33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

V<sub>c</sub>  
Elev. 1085.6 Tsd .....  
Ds ..... Tuh .....  
Es .....  
Dtm .....  
S-D .....



SHOT BY:

**GES**

PTY LTD

DATE 5<sup>TH</sup> OCT '71

TIE S.P. .... DIR .....

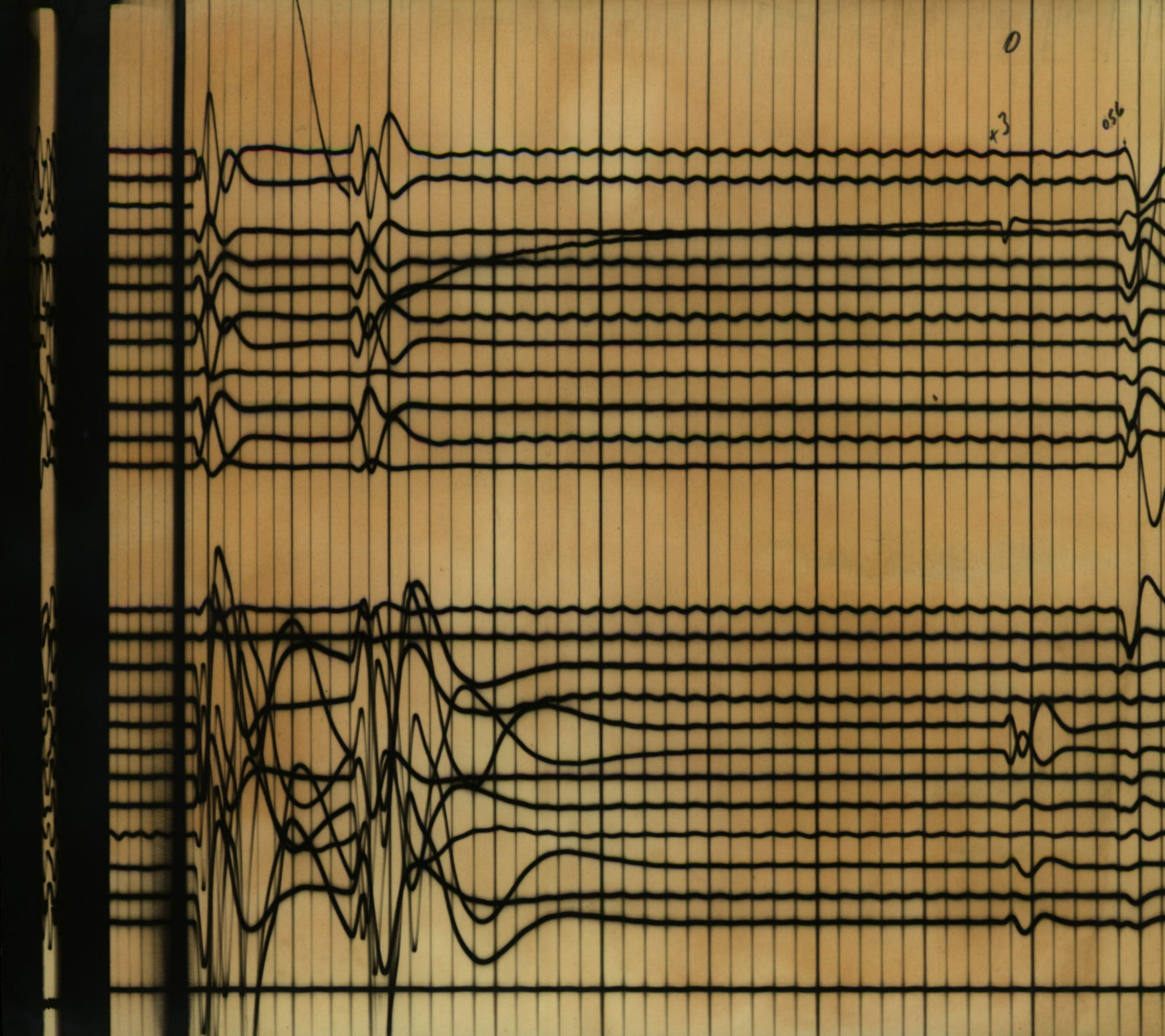
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24TIE S.P. 4539 DIR SW



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056





CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4530 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 5 X 8<sup>10</sup>#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53665

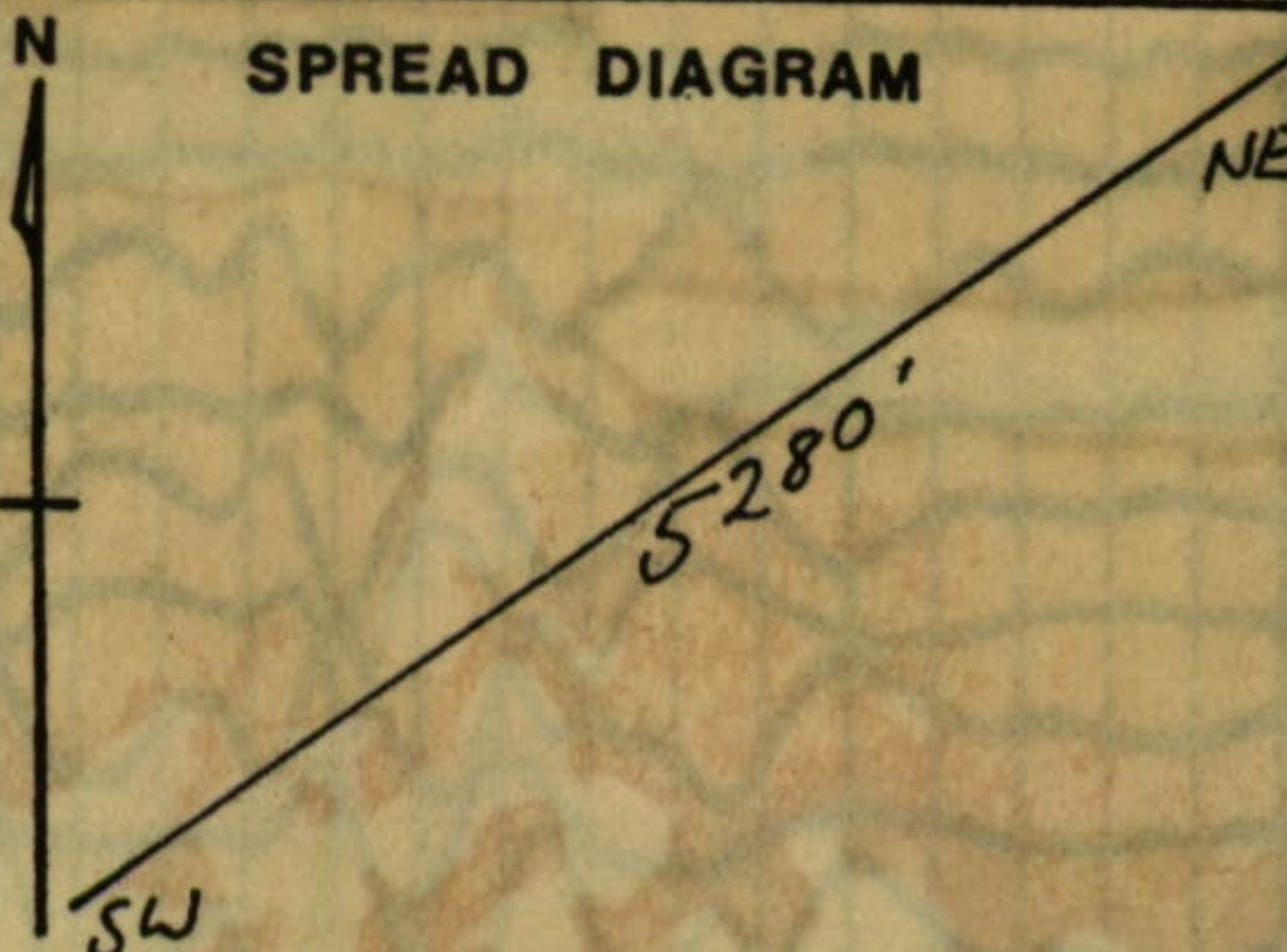
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc.....  
Elev 1078.9 Tsd.....  
Ds..... Tuh.....  
Es.....  
Dtm.....  
S-D.....



SHOT BY:

**GES** PTY LTDDATE 5<sup>th</sup> OCT '71TIE S.P. 4530 DIR SW

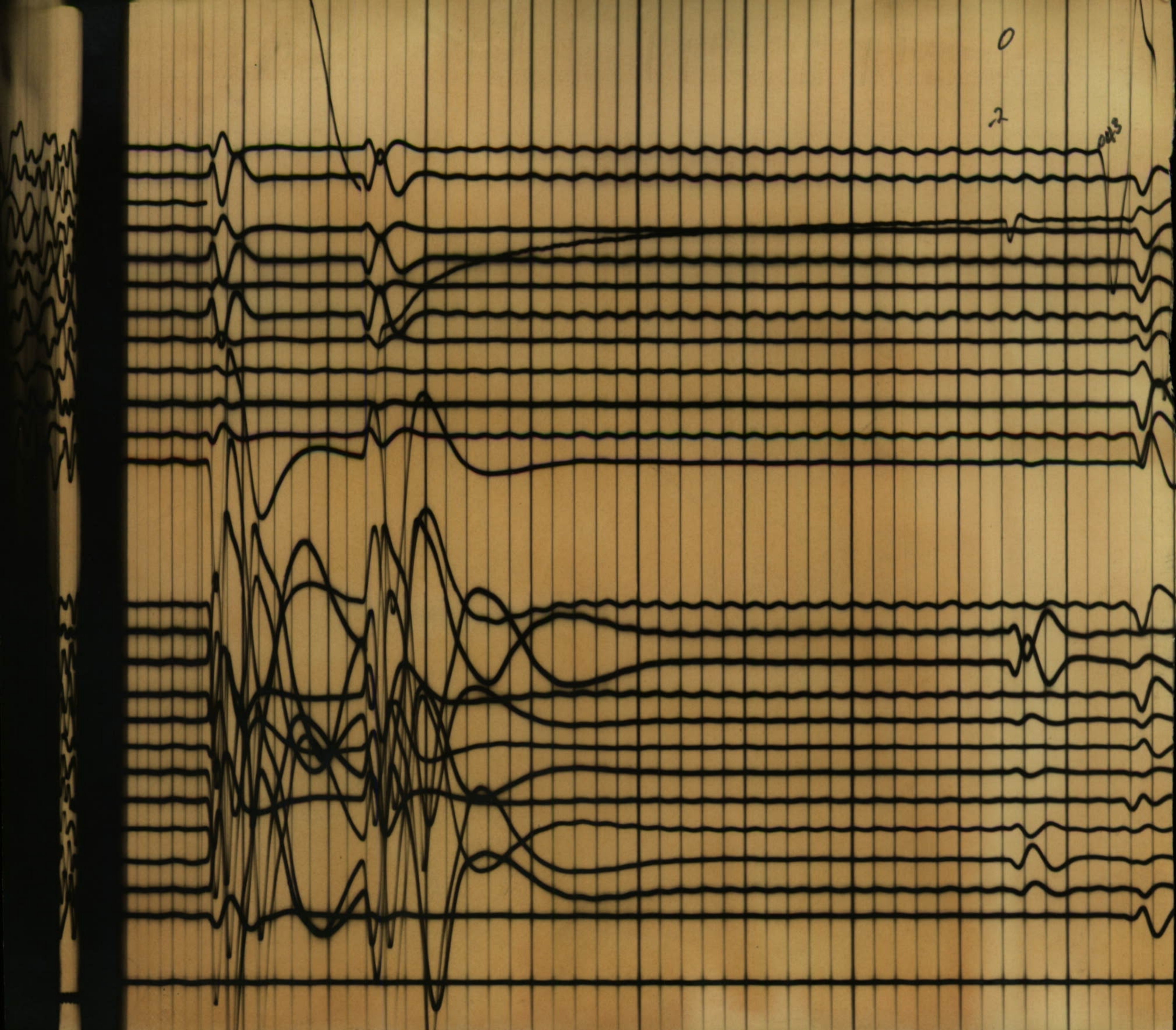
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TIE S.P. <u>4530</u> DIR <u>SW</u>		



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CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE Q40

S.P. 4533 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5 #

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53666

### RECORDING

INST TYPE G.A.-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

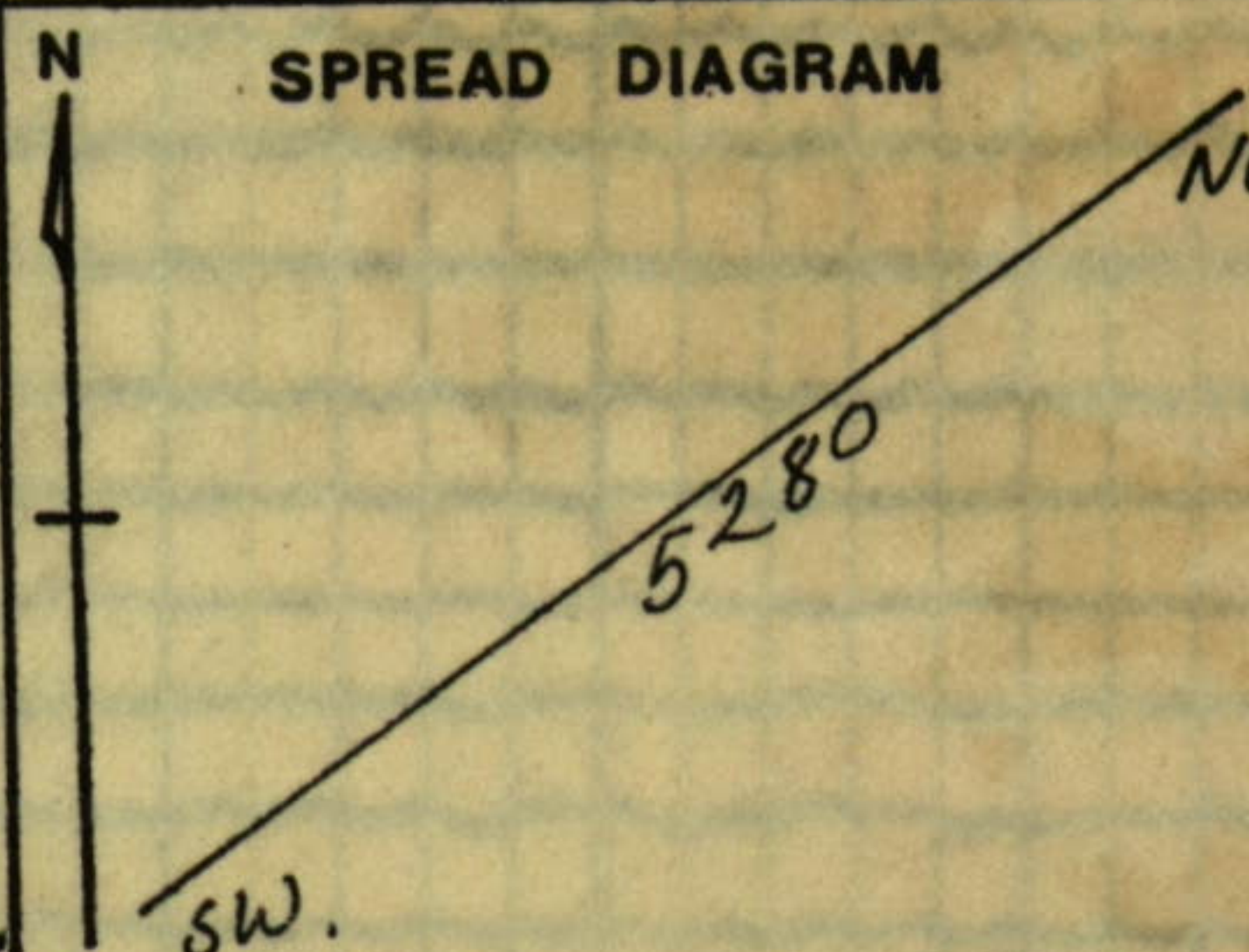
SPREAD TYPE 0'-5280'

### PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. ....  
Elev 1078.4 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D .....



SHOT BY:

**GES** PTY LTD

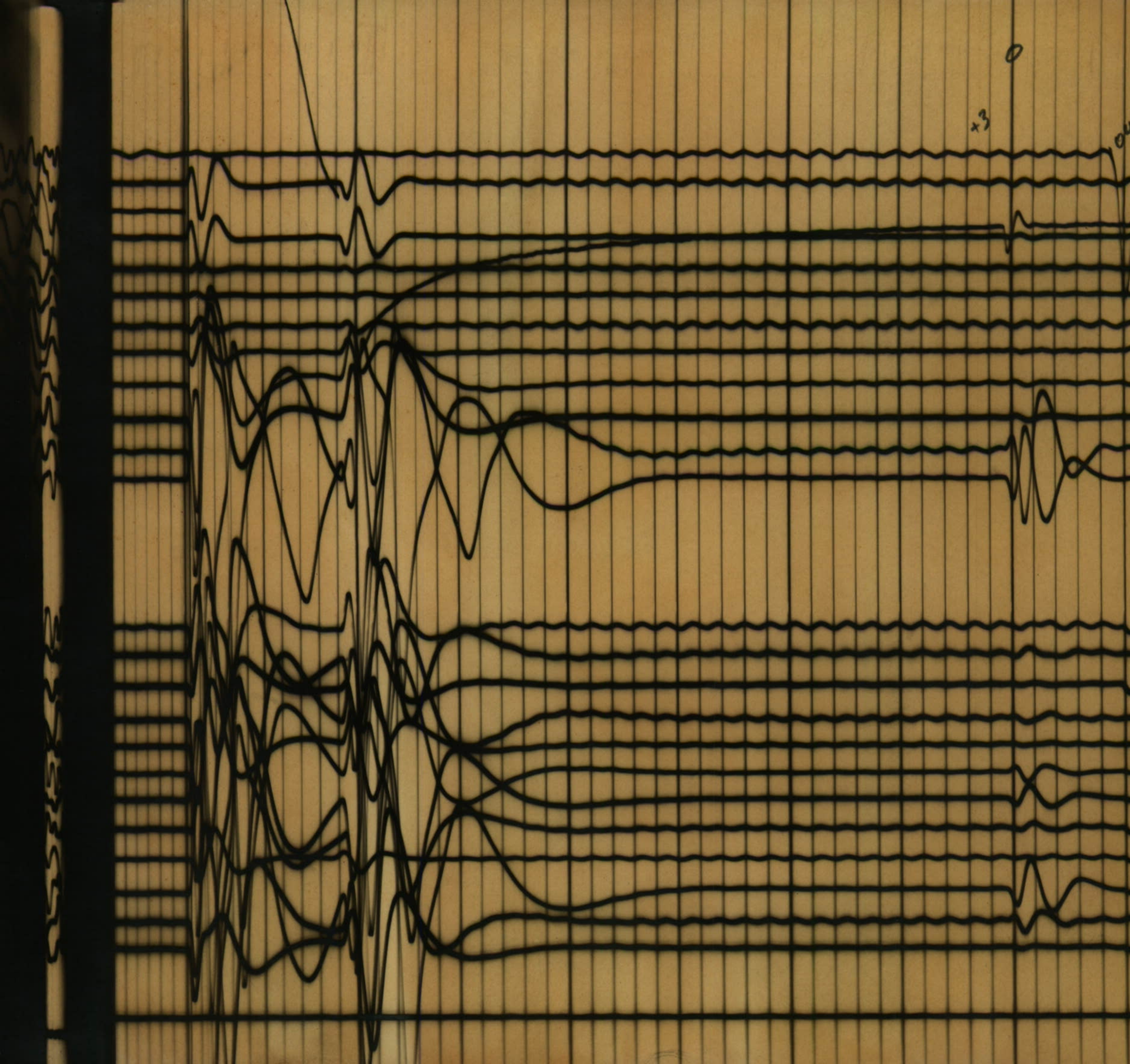
DATE 5<sup>TH</sup> OCT '71

TIE S.P. --- DIR ---

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TIE S.P. 4545 DIR SW







CLIENT

HARTOGEN

PROSPECT

COOTABYNIA

STATE QLD

S.P.

4536

LINE

820

SHOT No.

A

DEPTH OF SHOT

20'

CHARGE SIZE

6x5#

HOLE PATTERN

IN LINE

MON.

PBK.

✓

TAPE No.

53667

## RECORDING

INST TYPE

GA-33

FILTERS

1/20

1/65

AGC

SLOW

GEO/TRACE

12

TRACE INT.

220'

SHOT POINT INT.

660'

SPREAD TYPE

0'-5280'

## PLAYBACK

FILTERS

1/20

1/65

AGC

SLOW

Elev. <sup>V<sub>c</sub></sup> 1089.0

Tsd

Ds

Tuh

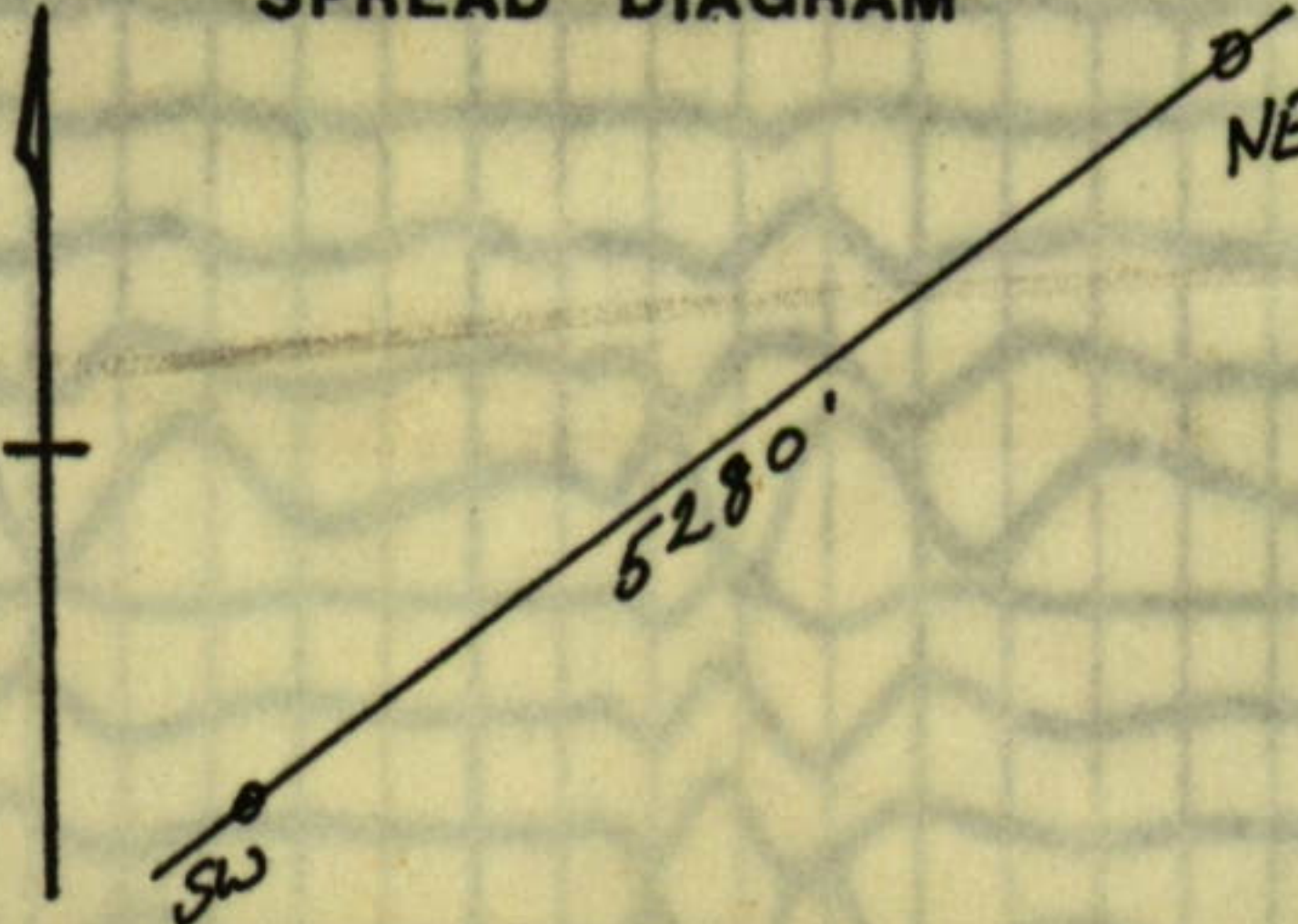
Es

Dtm

S-D

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## SPREAD DIAGRAM



SHOT BY:

GES

PTY LTD

DATE 6<sup>TH</sup> OCT '71

TIE S.P. DIR

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TIE S.P. DIR

503



Time Break  
Not on

48



CLIENT HARTOGEN

PROSPECT COOTARYNIA STATE QLD

S.P. 4539 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#

HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53668

### RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

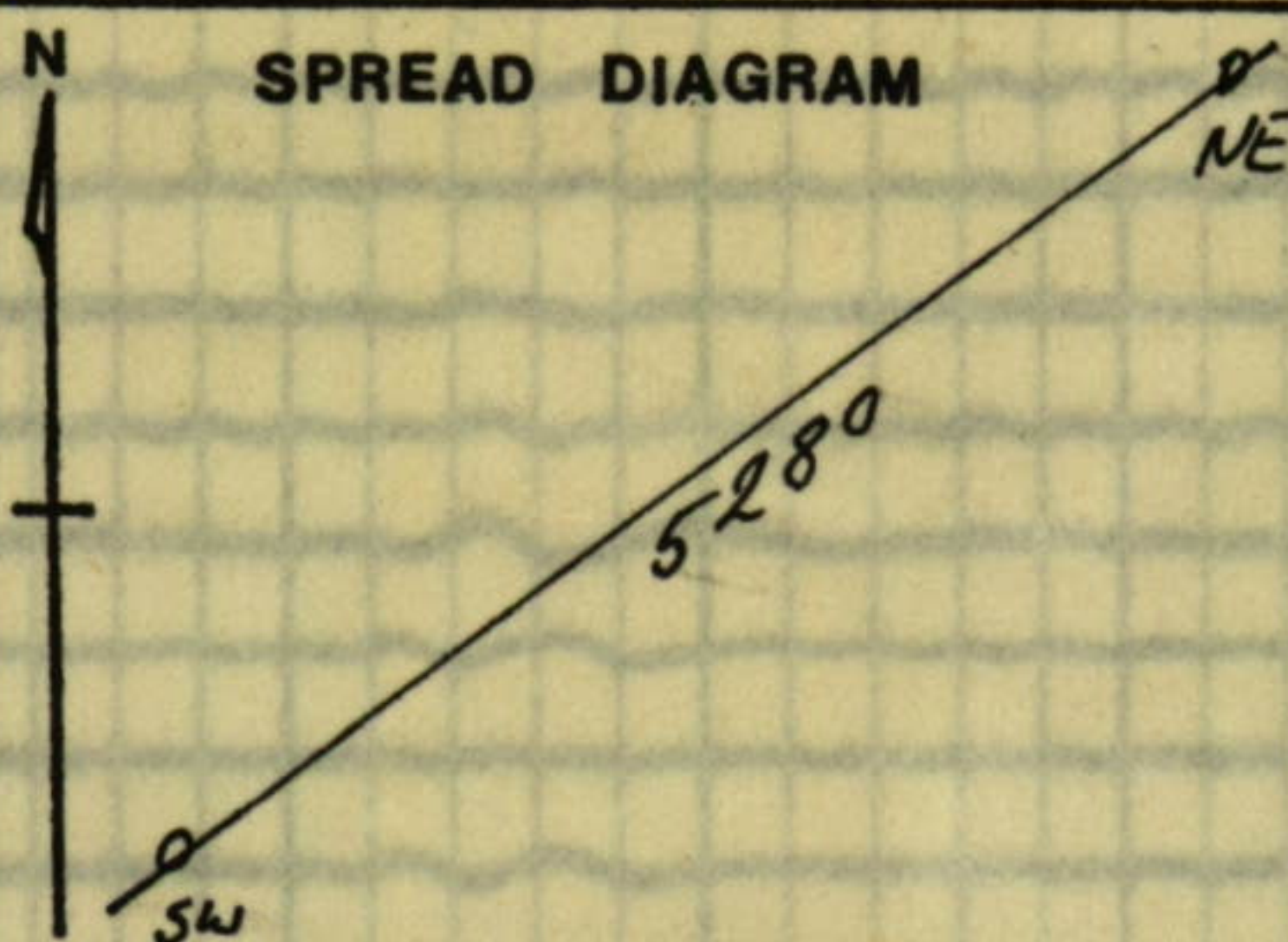
SPREAD TYPE 0'-5280'

### PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. 7000/s  
Elev. 1091.9 Tsd. ....  
Ds. .... Tuh. ....  
Es. ....  
Dtm. ....  
S-D. ....



SHOT BY:

**GES** PTY LTD

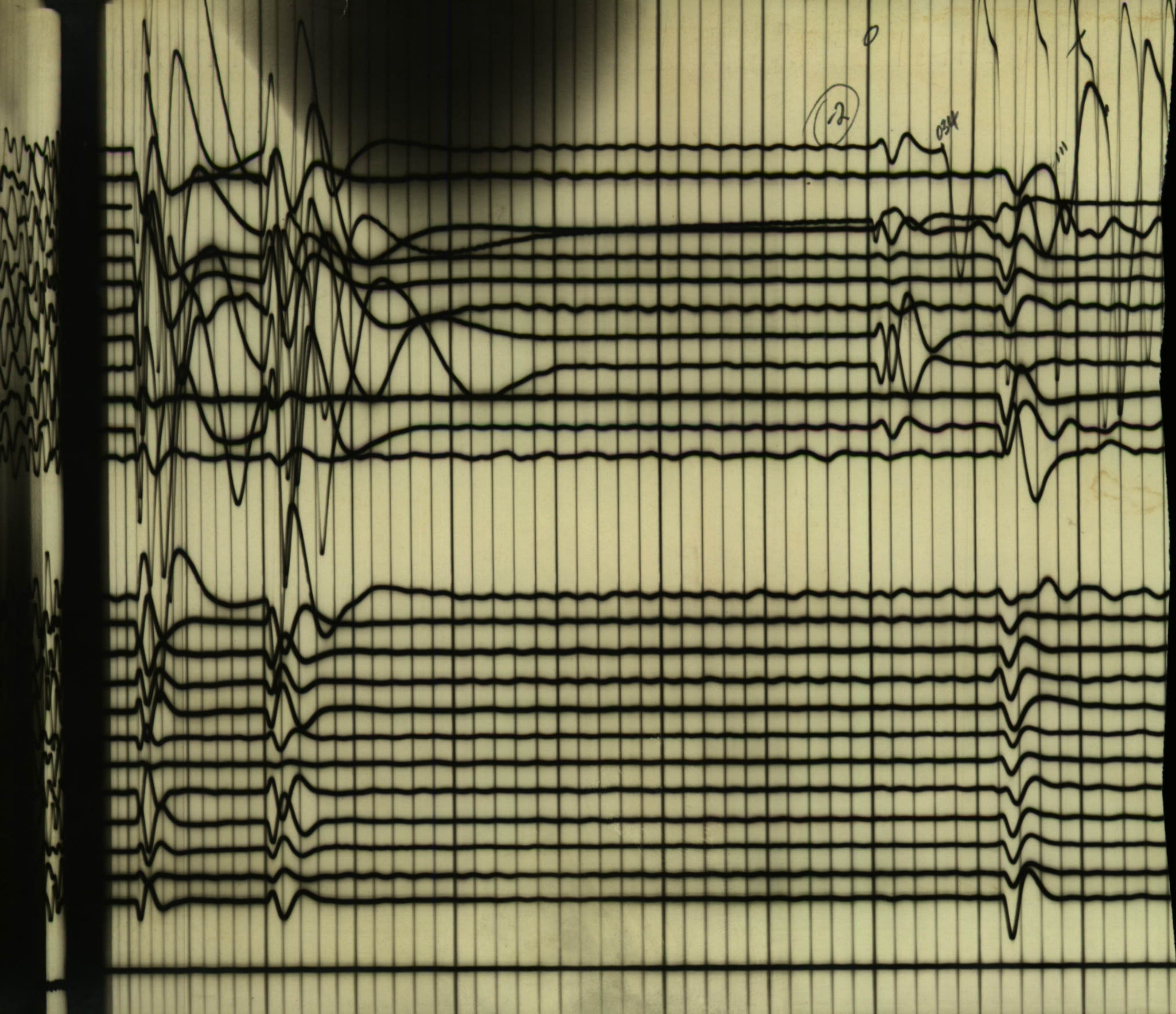
DATE 6<sup>TH</sup> OCT '71

TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

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TIE S.P. 4539 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4542 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53669

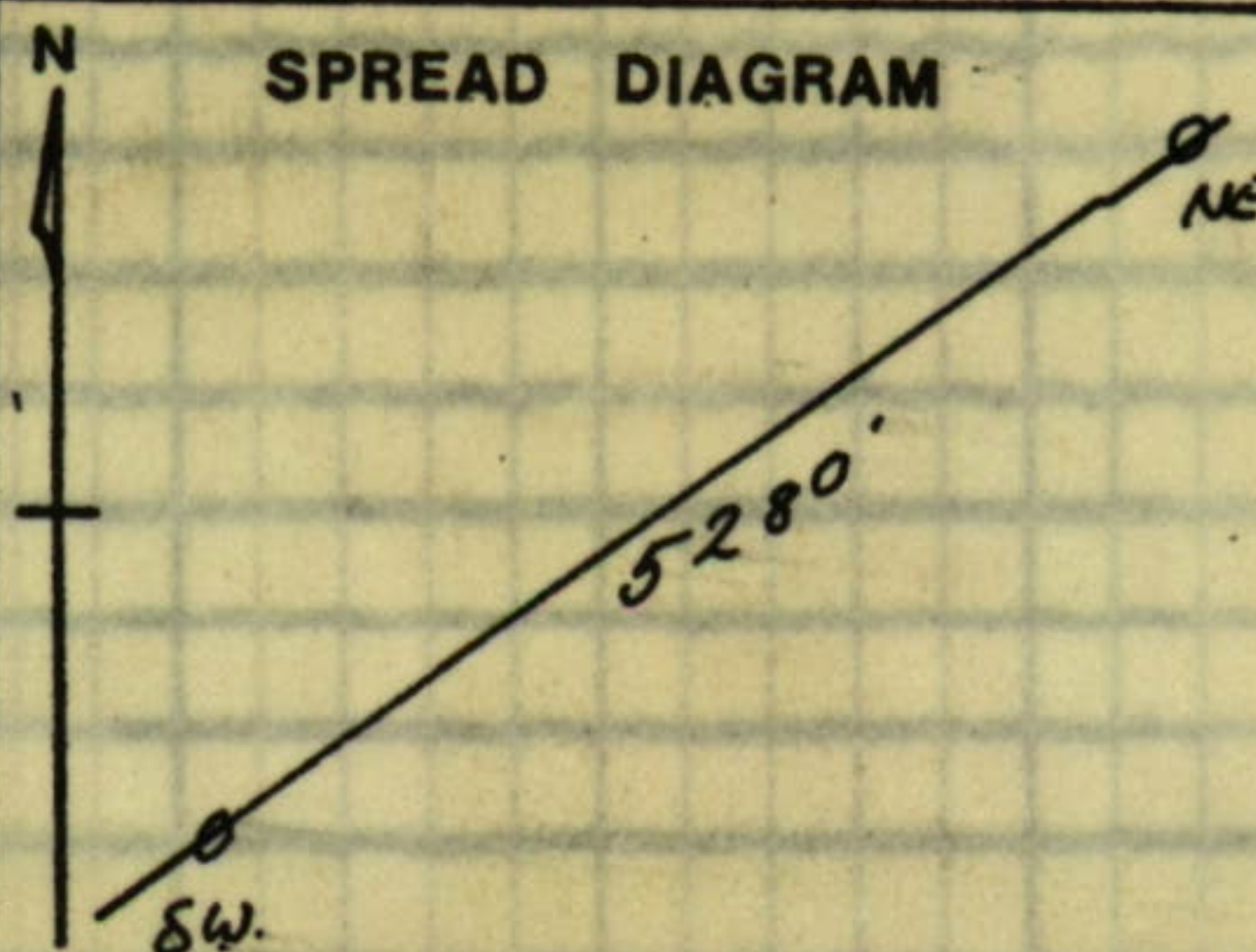
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

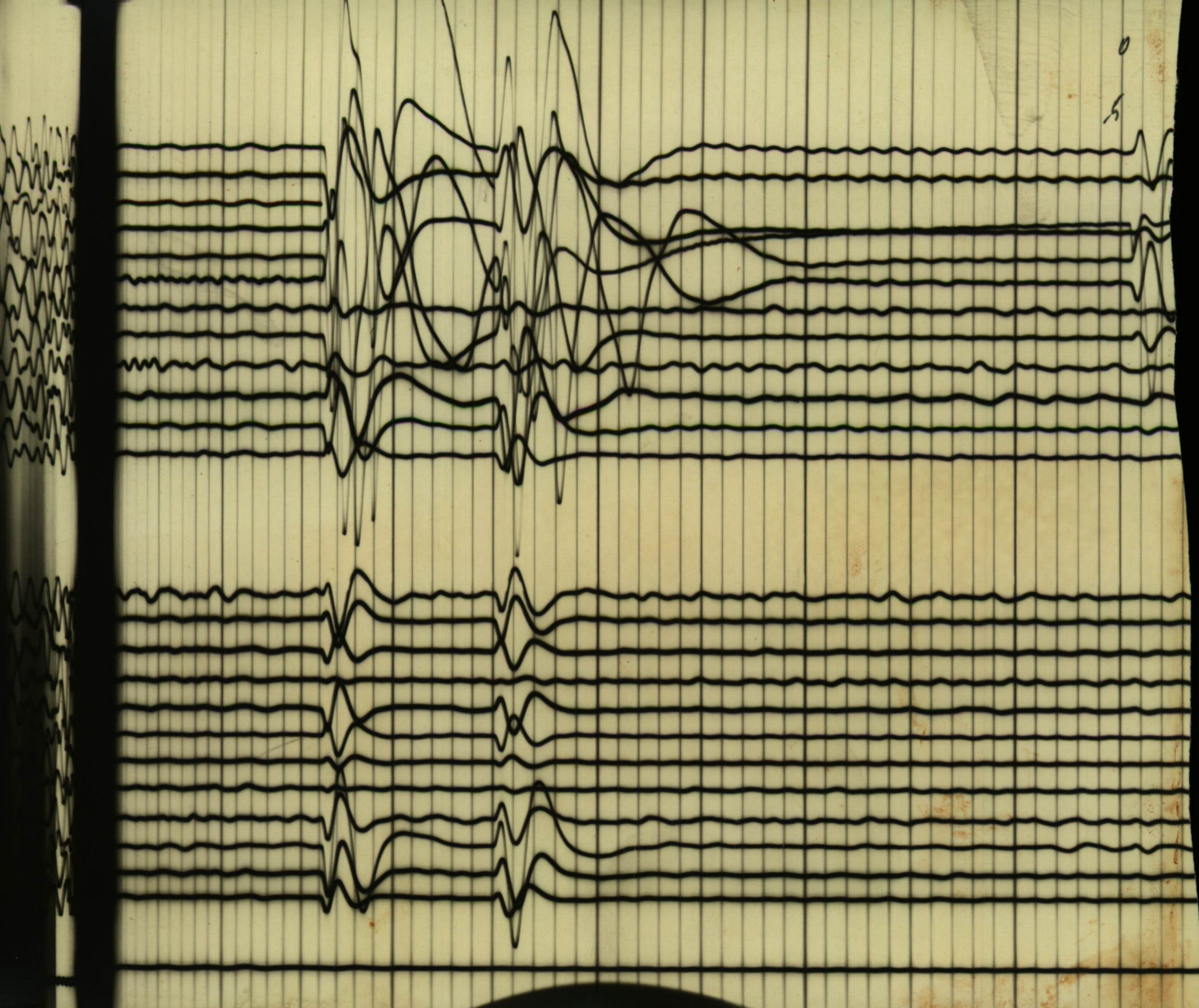
Vc. 7000 1/30c  
 Elev. 1091.8 Tsd. ....  
 Ds. 20 Tuh. ....  
 Es. 1072  
 Dtm. 600  
 S-D 472



SHOT BY:

**GES** PTY LTDDATE 6<sup>TH</sup> OCT '71TIE S.P. 4542 DIR SW1  
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24TIE S.P. 4542 DIR SW







HOLE LOG

CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLD.S.P. 4545 LINE 820.SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 5x10.HOLE PATTERN IN LINE. MON.     PBK. X TAPE No. 53670.

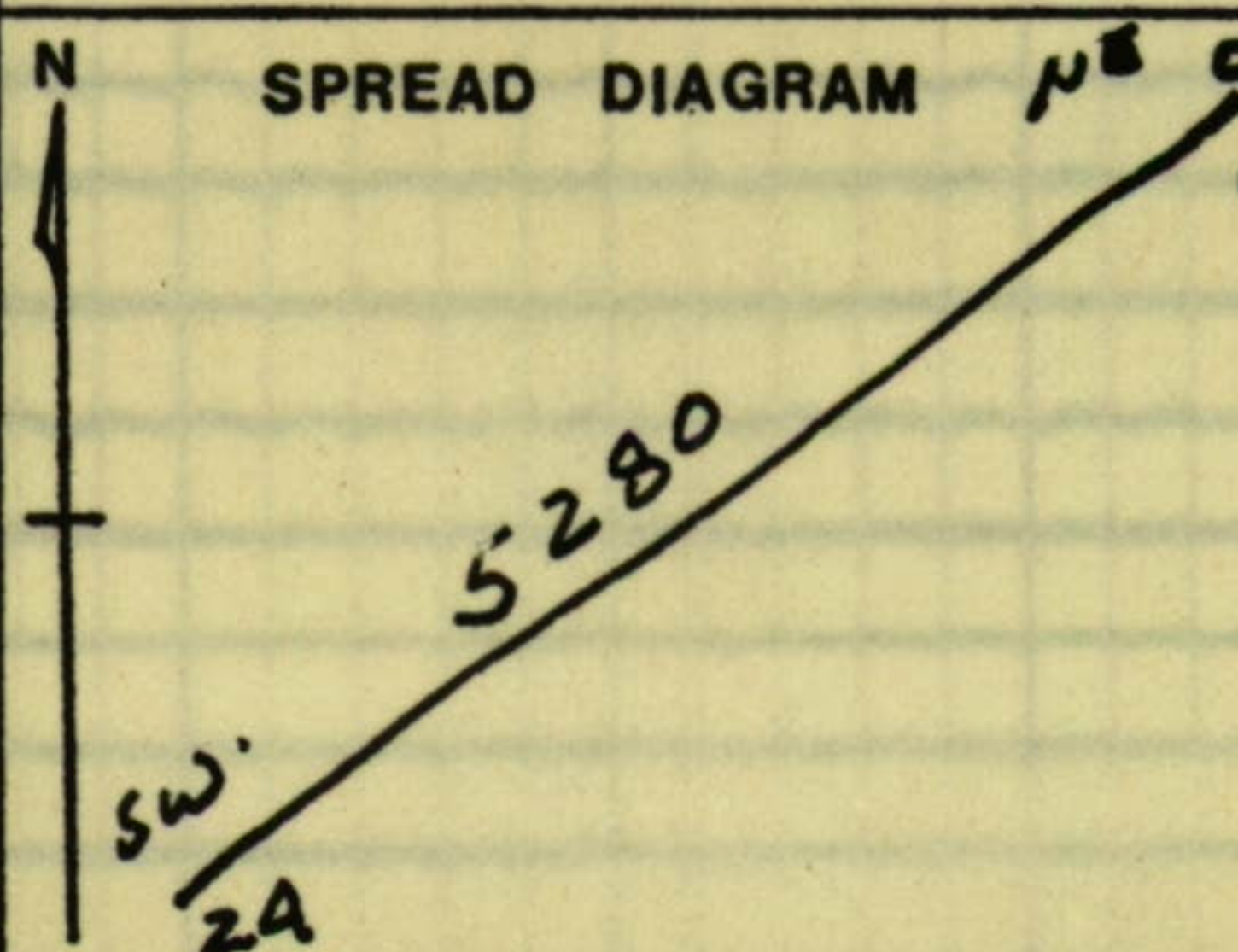
## RECORDING

INST TYPE GA-33FILTERS 1/20 - 1/65AGC SLOW.GEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 - 1/65AGC SLOW.

Vc. 7000/sec.  
 Elev. 1085 Tsd. ....  
 Ds. 20 Tuh. ....  
 Es. 1065  
 Dtm. 600  
 S-D 465



SHOT BY:

**GES** PTY LTDDATE                     TIE S.P.     DIR    1  
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24TIE S.P. 4557 DIR

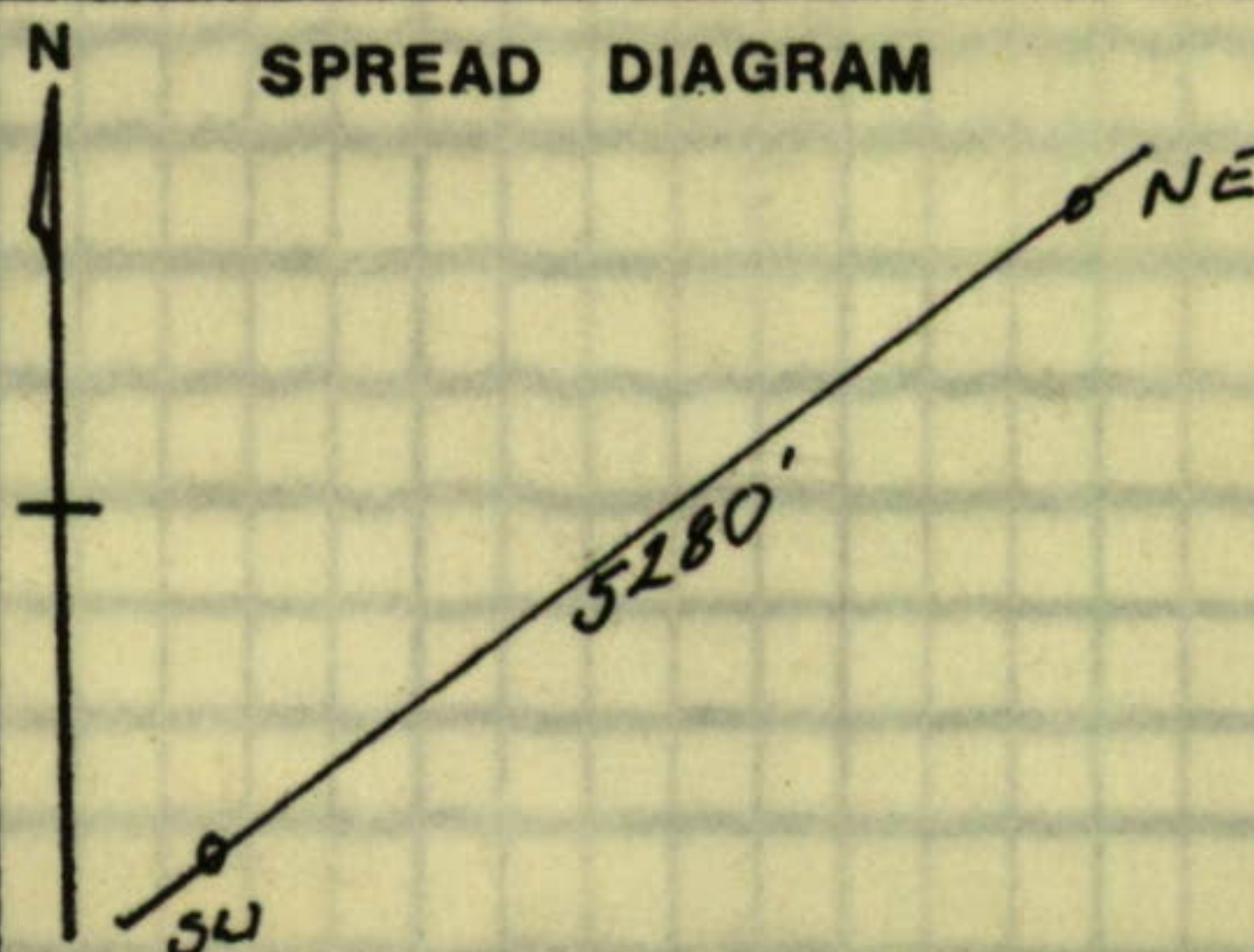


CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4548 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6 X 10#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53671

## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0' - 5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOWVc. 7000/sec.Elev. 1085 Tsd. ....Ds. 20 Tuh. ....Es. 1065Dtm. 600S-D 465

SHOT BY:

**GES** PTY LTDDATE 6<sup>TH</sup> OCT '71TIE S.P. 4560 DIR SW

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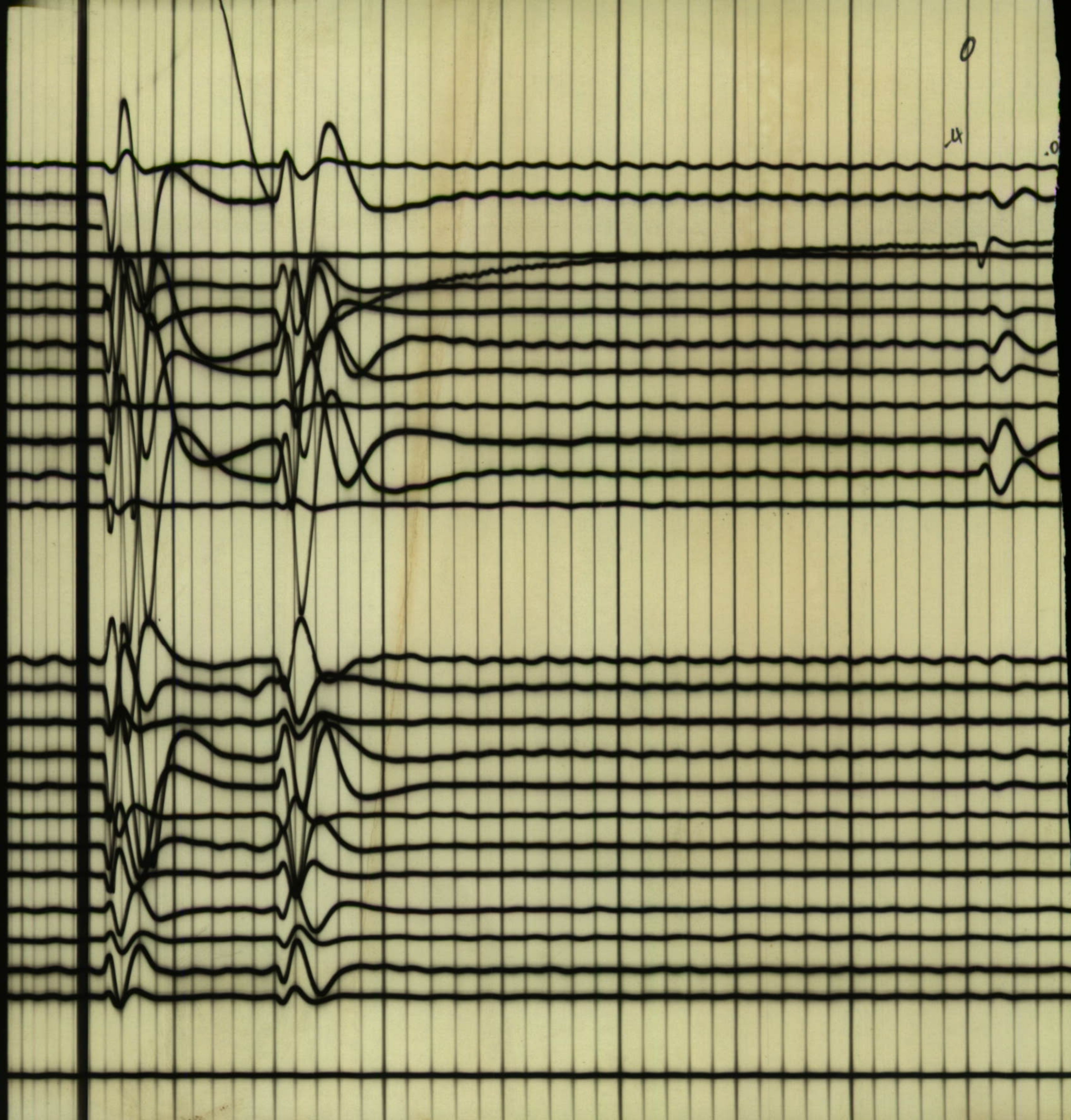
TIE S.P. 4560 DIR SW



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CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4554 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X10#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53672

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

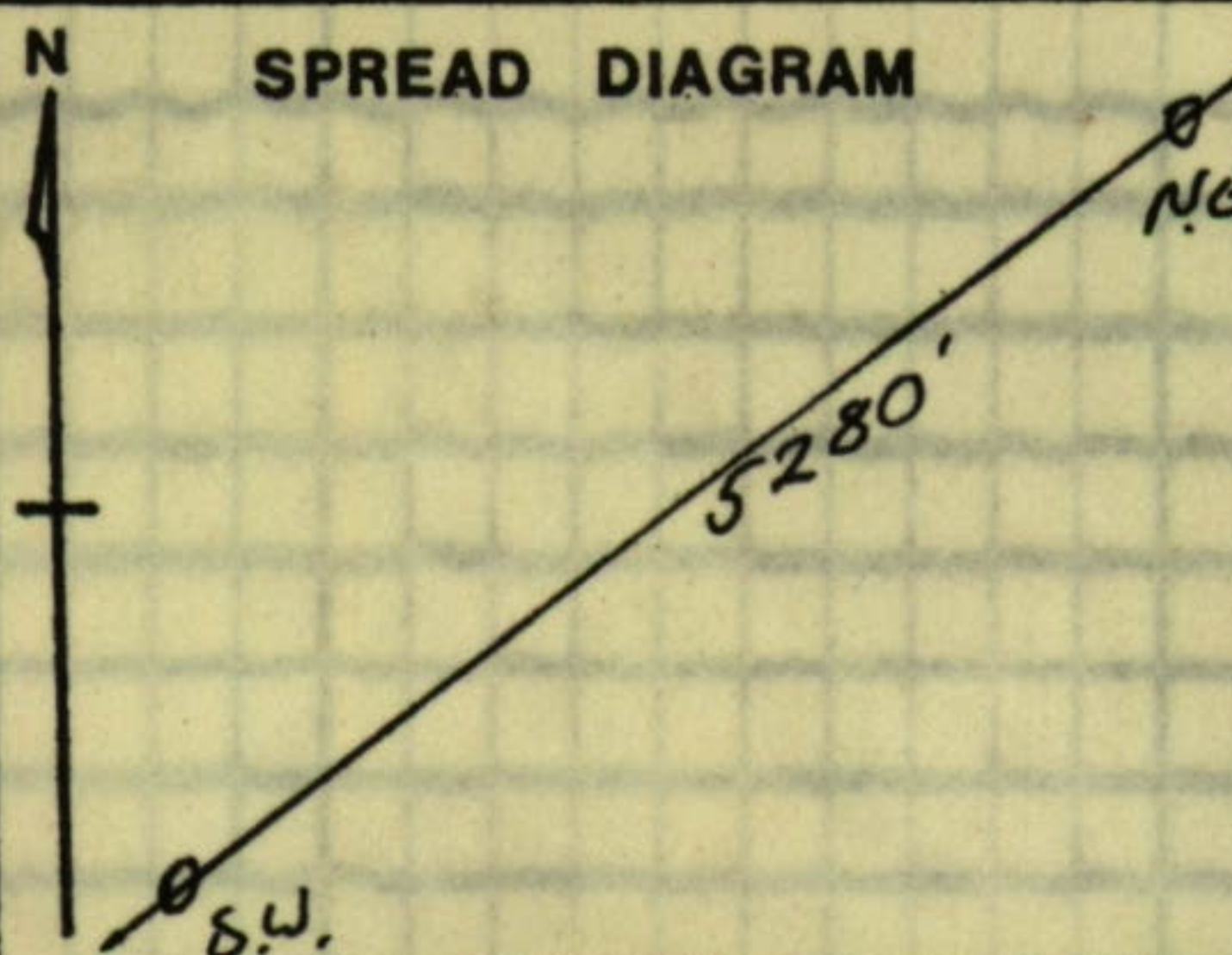
SPREAD TYPE 0 - 5280'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. 7000/sec.  
Elev. 1085 Tsd .....  
Ds 20 Tuh .....  
Es 1065  
Dtm 600  
S-D 465



SHOT BY:

**GES** PTY LTD

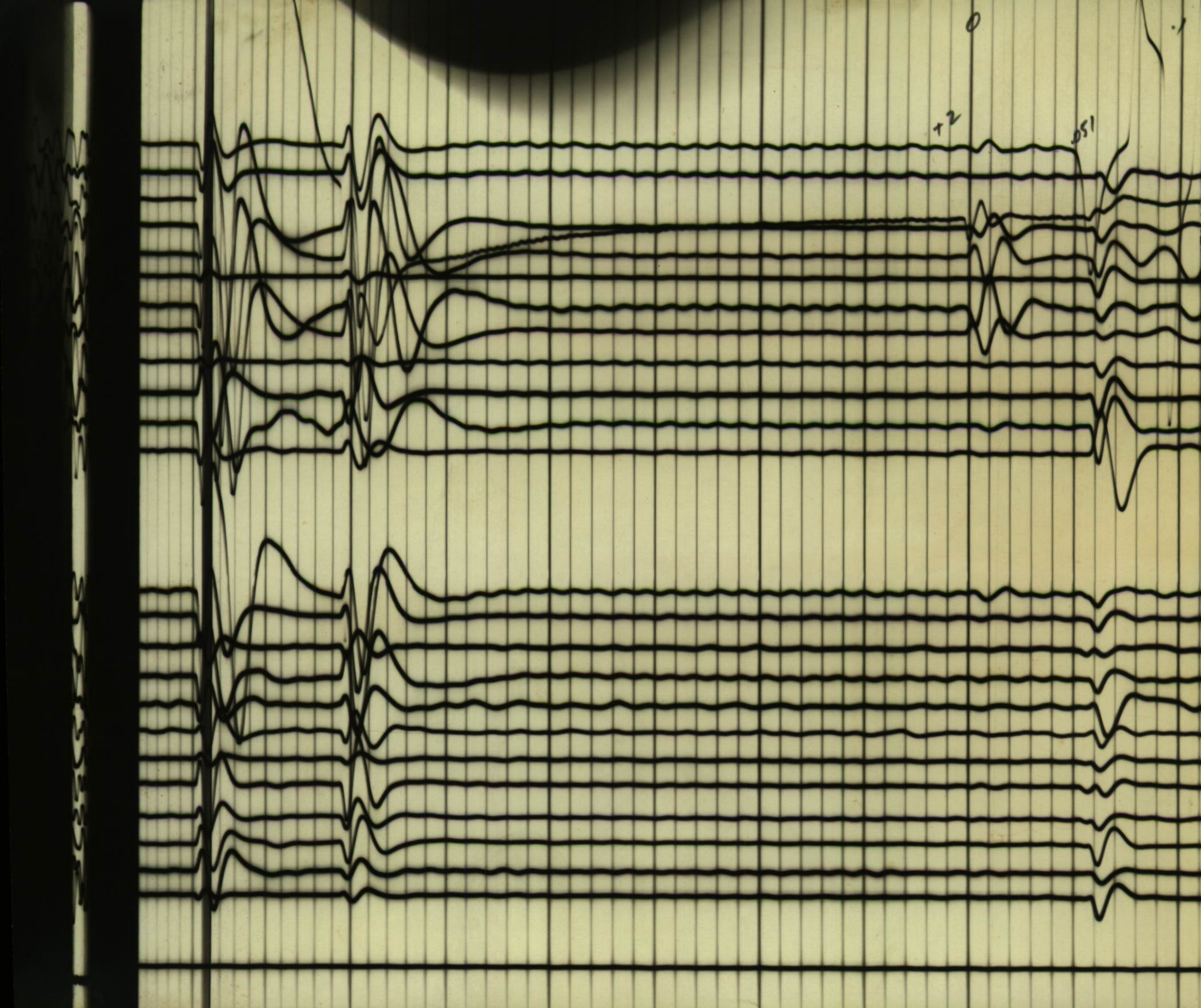
DATE 6<sup>TH</sup> OCT '71

TIE S.P. 4563 DIR SW

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TIE S.P. 4563 DIR SW







CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4554 LINE 820

SHOT No. A DEPTH OF SHOT 20 CHARGE SIZE 6 X 10#

HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53673

### RECORDING

INST TYPE G.A.-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 5060' 660'

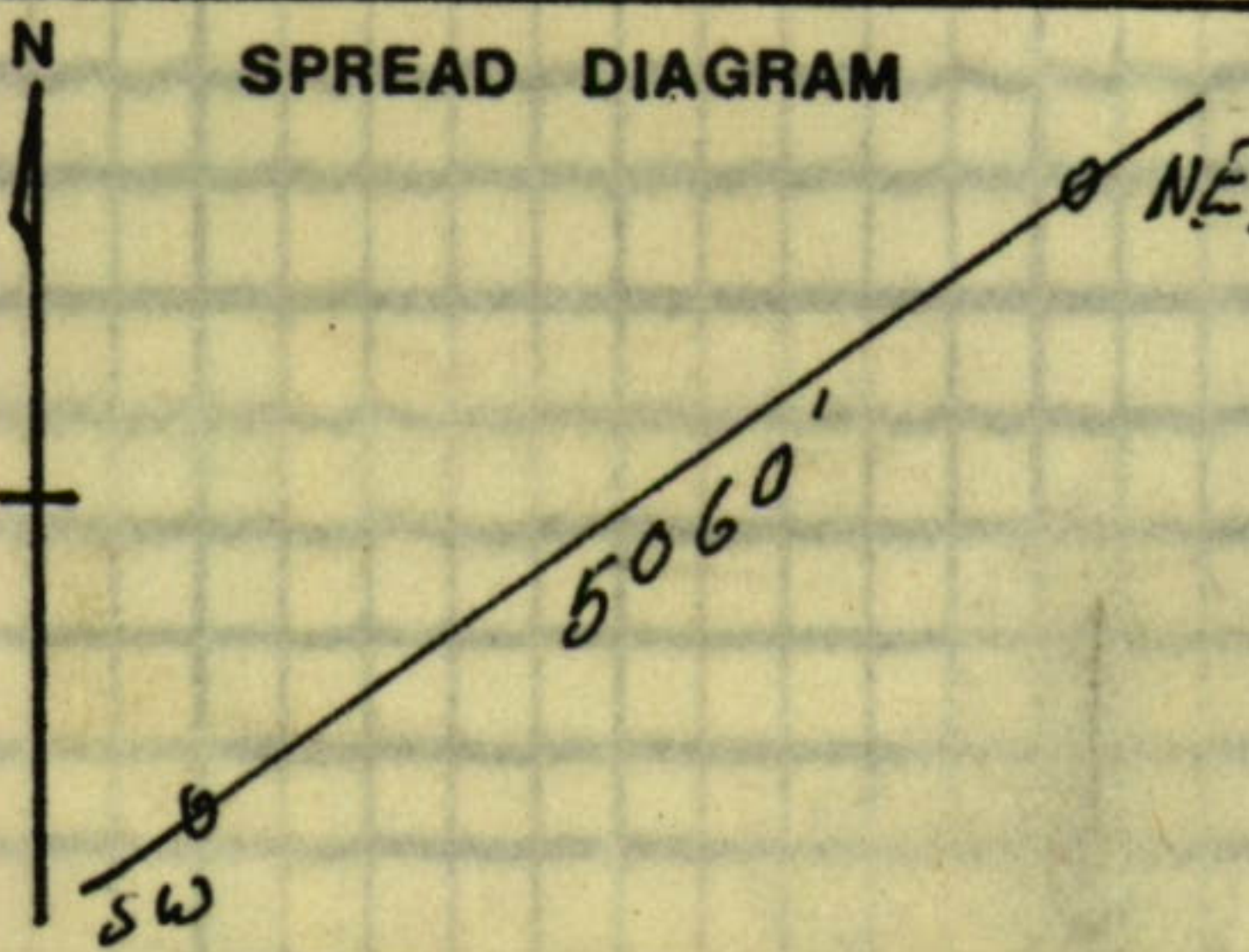
SPREAD TYPE 0-5060'

### PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. 7000/sec.  
Elev. 1098 Tsd. ....  
Ds. 20 Tuh. ....  
Es. 1078  
Dtm. 600  
S-D 478



SHOT BY:

**GES** PTY LTD

DATE 6TH OCT '71

TIE S.P. 4566 DIR SW

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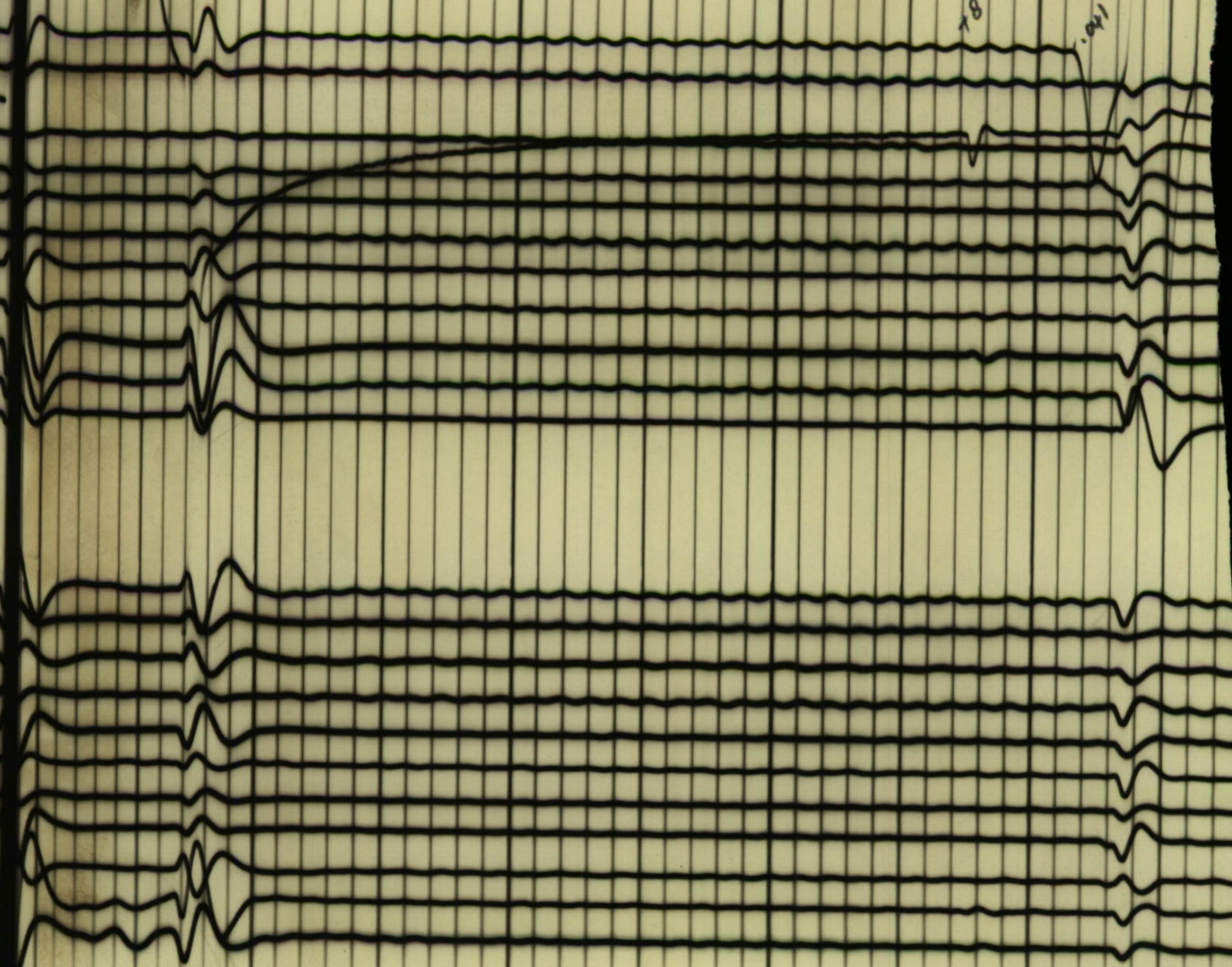
TIE S.P. 4566 DIR SW



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CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 455% LINE 820SHOT No. A' DEPTH OF SHOT 20' CHARGE SIZE 6 X 10#HOLE PATTERN IN LINE MON.        PBK. ☒ TAPE No. 53674

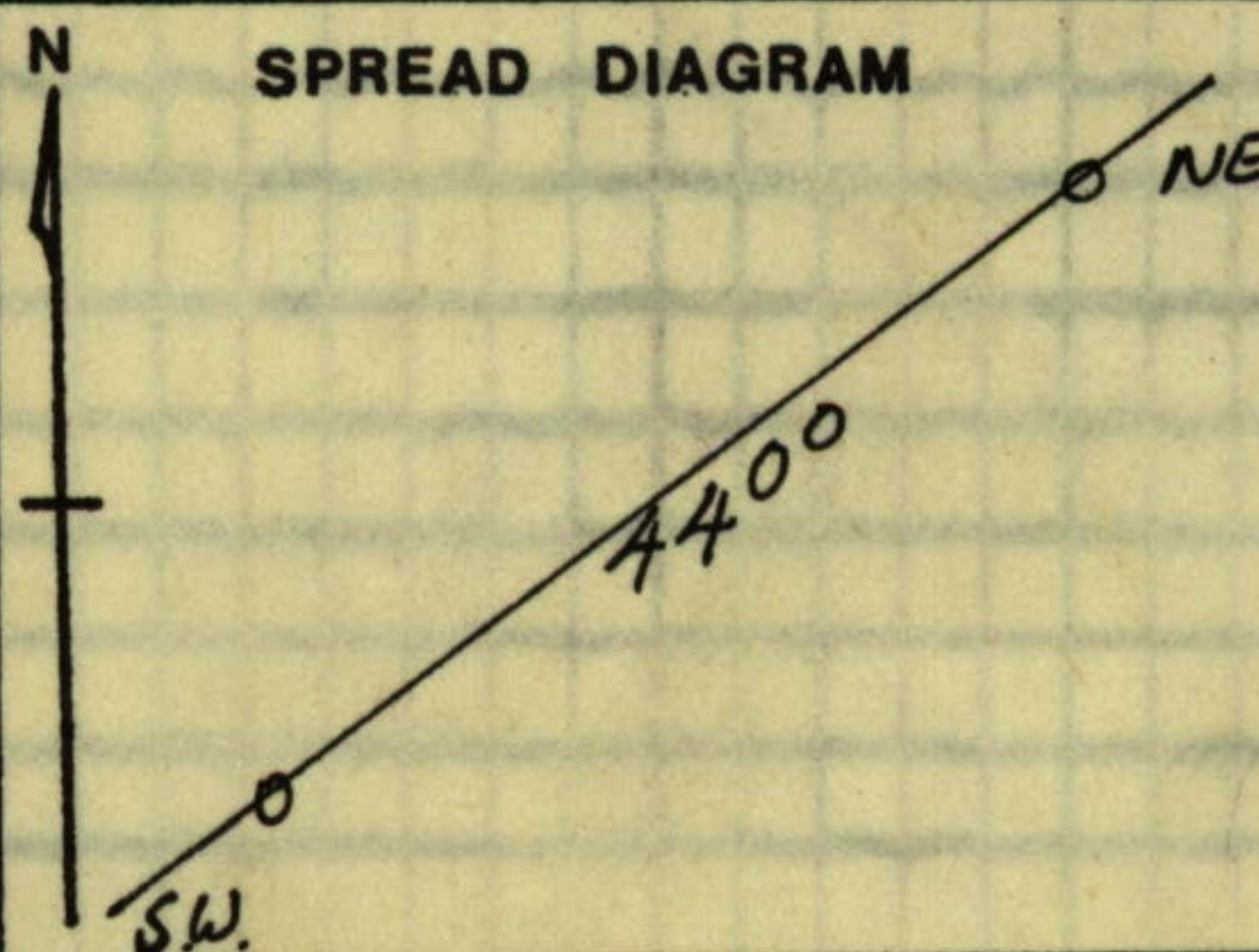
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0' — 4400

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

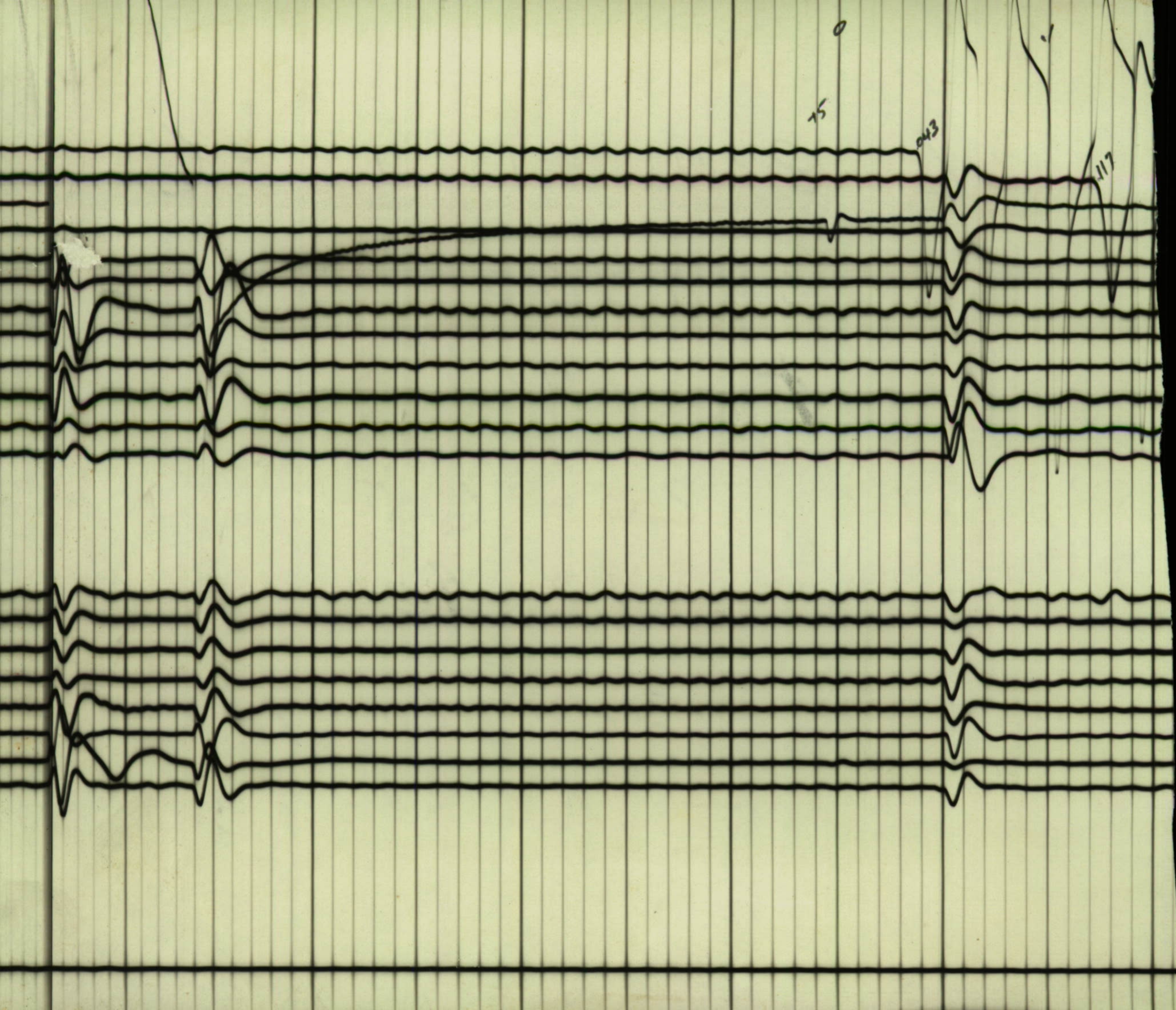
Vc. 7000'/sec.  
Elev. 1099 Tsd.         
Ds. 20 Tuh.         
Es. 1079  
Dtm. 600  
S-D 479



SHOT BY:

**GES** PTY LTDDATE 6<sup>TH</sup> OCT '71TIE S.P.        DIR       1  
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24TIE S.P. 455% DIR SW







HOLE LOG

CLIENT HARTOGEN

PROSPECT COOTABYNIA STATE QLD

S.P. 4560 LINE 820

SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#

HOLE PATTERN IN LINE MON.        PBK. ✓ TAPE No. 53675

RECORDING

INST TYPE GA-33

FILTERS 1/20 1/65

AGC SLOW

GEO/TRACE 12

TRACE INT. 220'

SHOT POINT INT. 660'

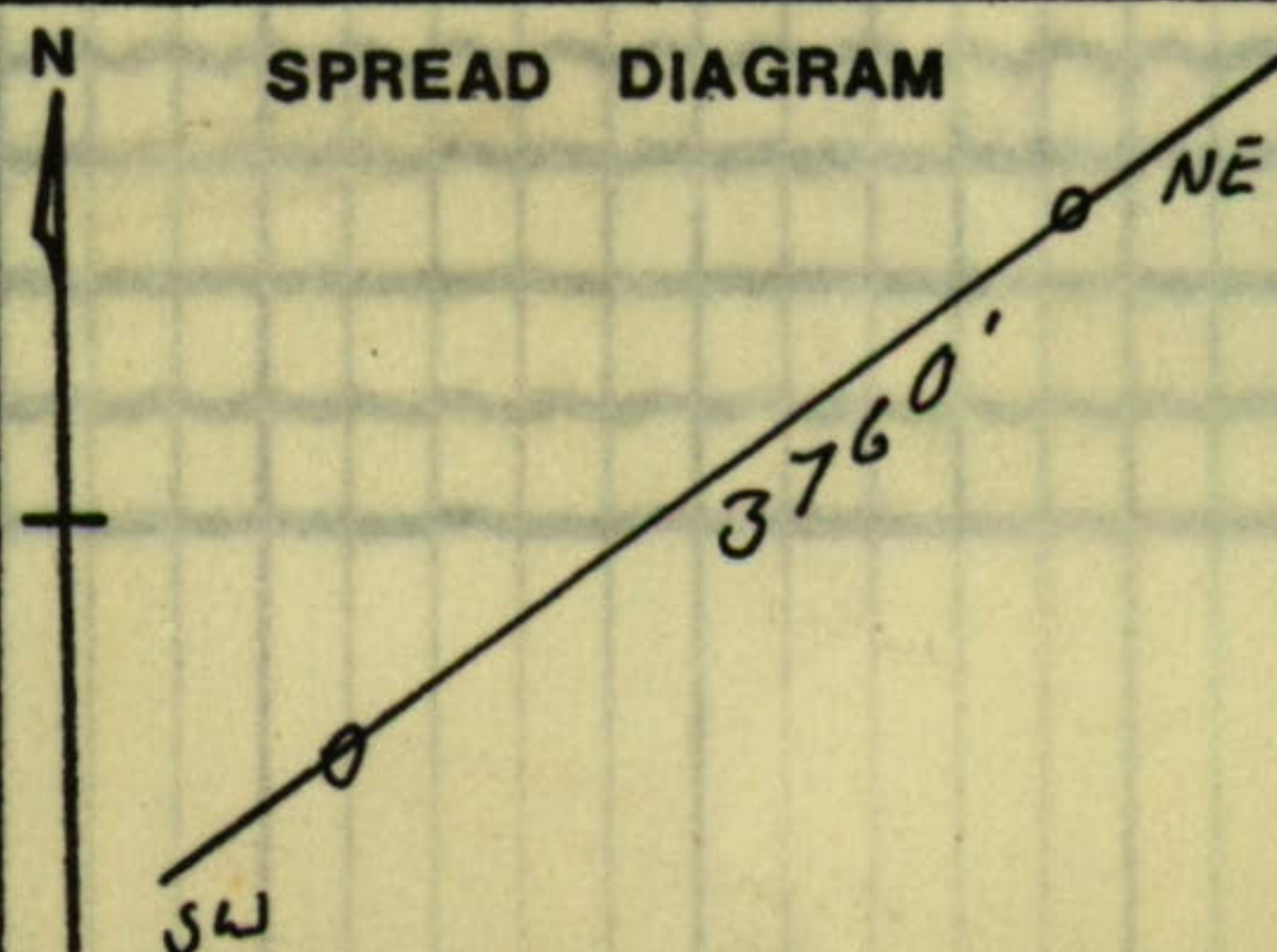
SPREAD TYPE 0-3760'

PLAYBACK

FILTERS 1/20 1/65

AGC SLOW

Vc. 7000'/sec.  
Elev. 1104 Tsd.         
Ds 20 Tuh.         
Es 1084  
Dtm. 600  
S-D 484



SHOT BY:

**GES** PTY LTD

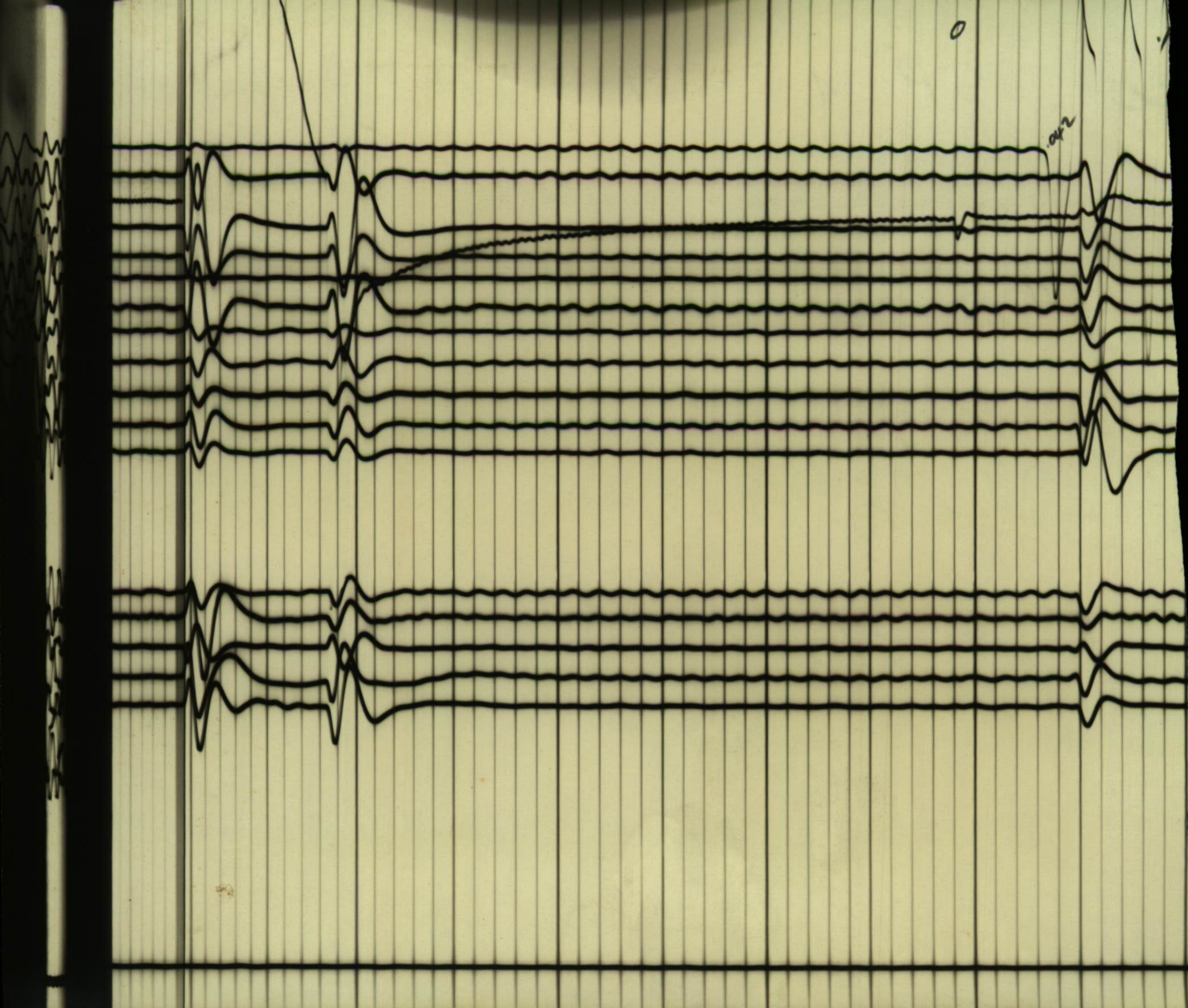
DATE 6<sup>TH</sup> OCT '71

TIE S.P.        DIR       

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TIE S.P. 4578 DIR SW





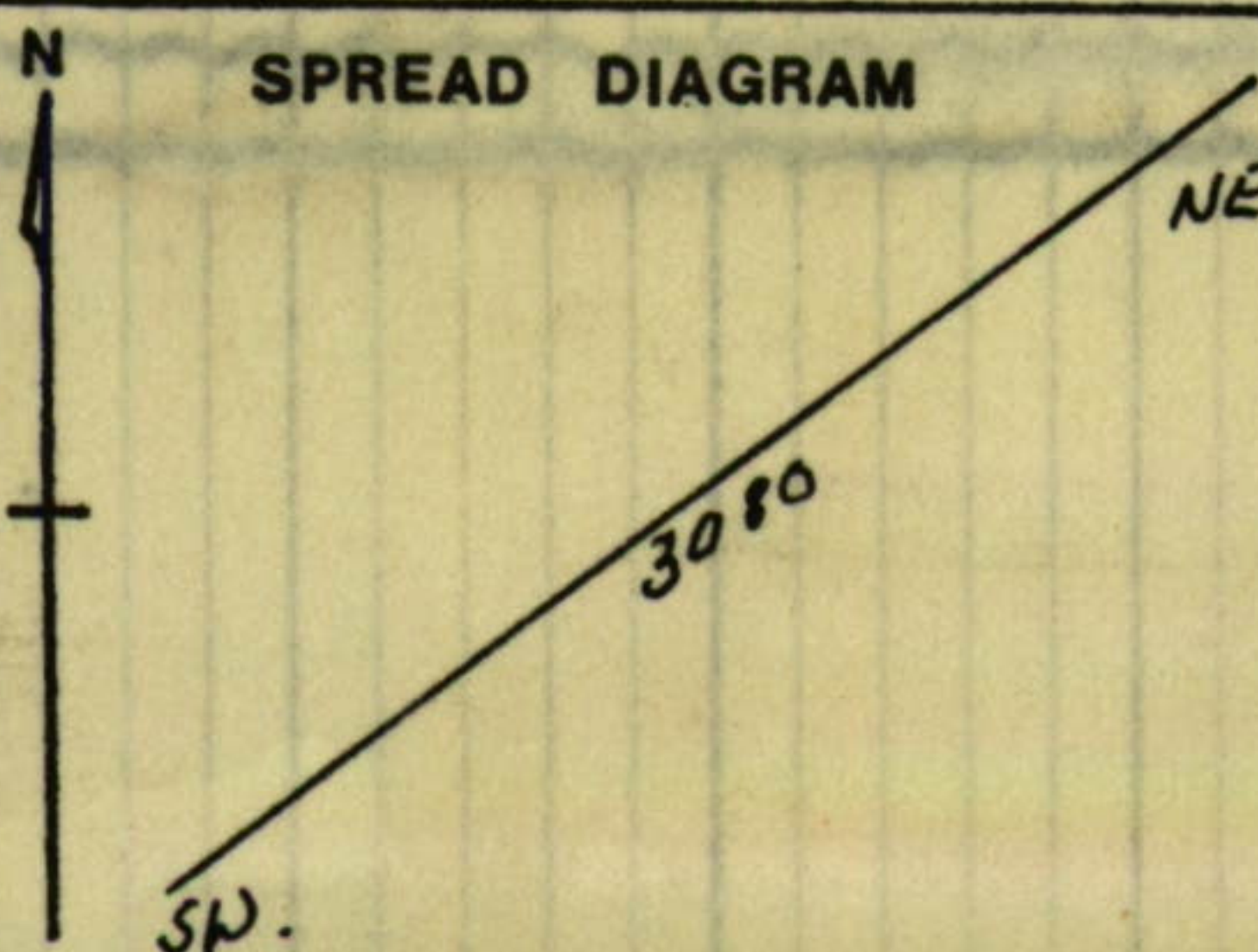


CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4563 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6X5#HOLE PATTERN \_\_\_\_\_ MON. \_\_\_\_\_ PBK. ☒ TAPE No. 53676

## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-3080'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOWVc. 2000/sec.Elev. 1129 Tsd. ....Ds 20 Tuh. ....Es 1089Dtm. 600S-D 489

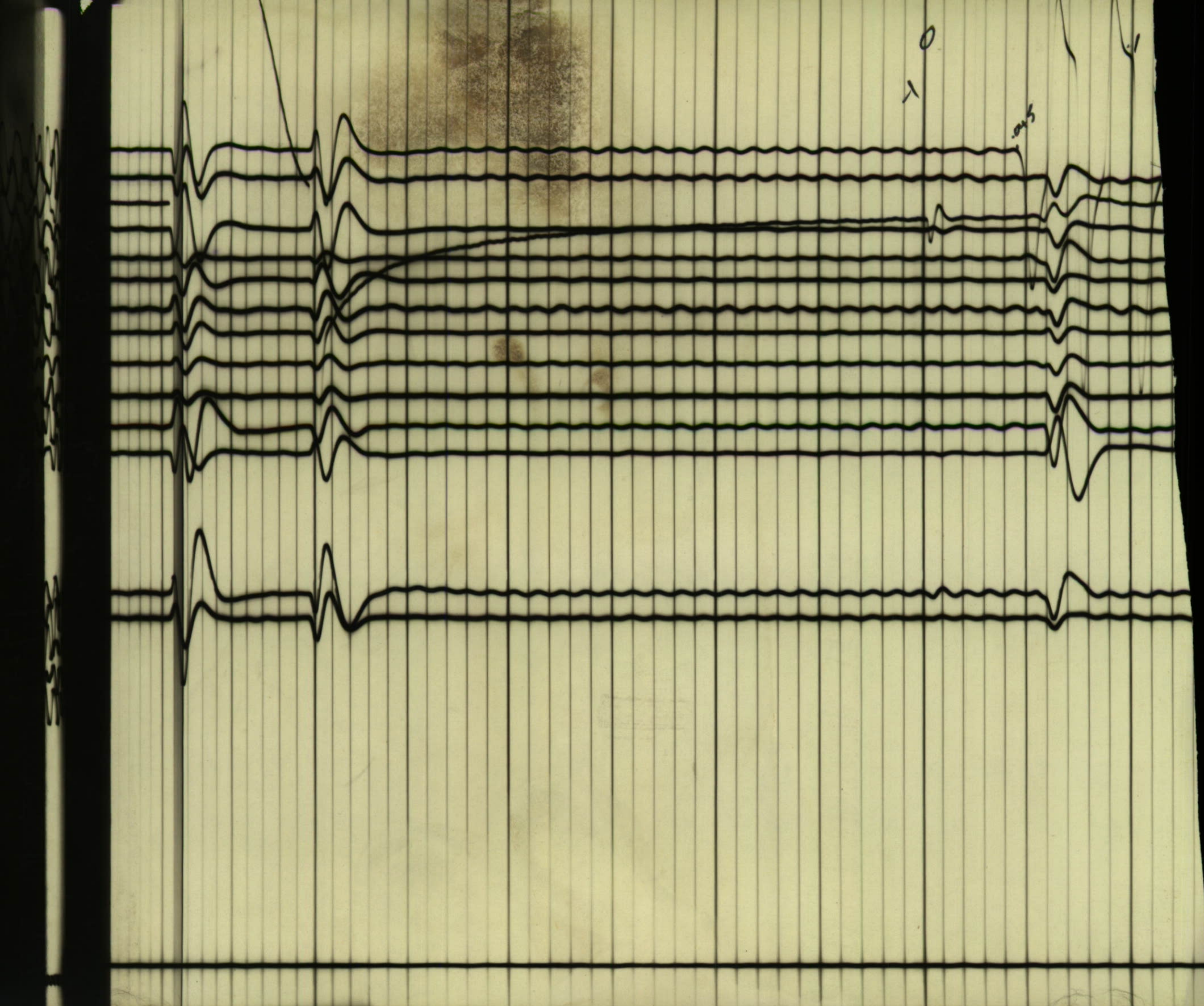
SHOT BY:

**GES** PTY LTDDATE 6<sup>TH</sup> OCT '71

TIE S.P. \_\_\_\_\_ DIR. \_\_\_\_\_

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24TIE S.P. 4579 DIR SW







CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4566 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6 X 5 #HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53677

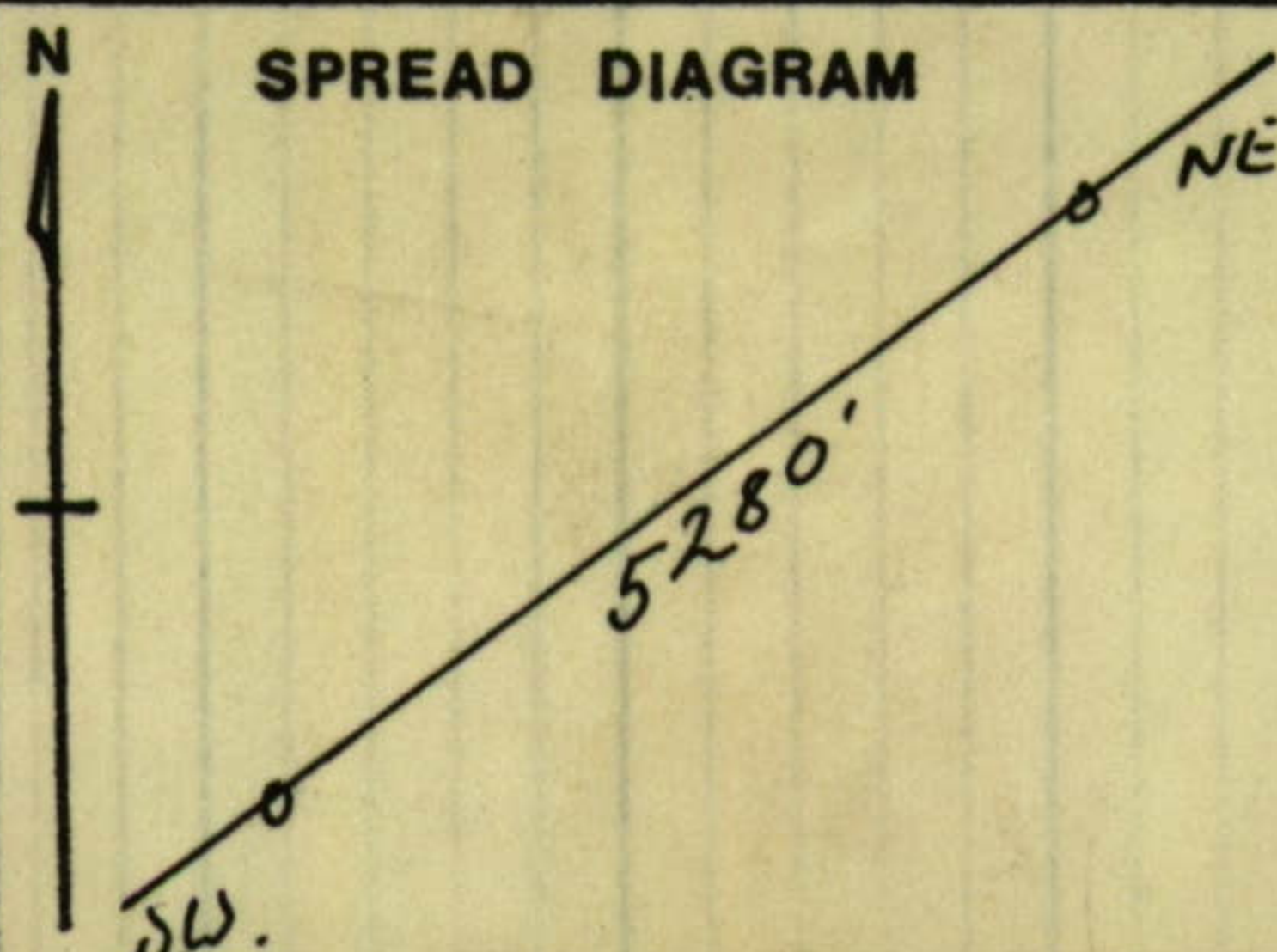
## RECORDING

INST TYPE G.A.-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0'-5280'

## PLAYBACK

FILTERS 1/20 1/65AGC SLOW

Vc. 7000/sec.  
Elev. 1126 Tsd .....  
Ds 20 Tuh .....  
Es 1106  
Dtm. 600  
S-D 506



SHOT BY:

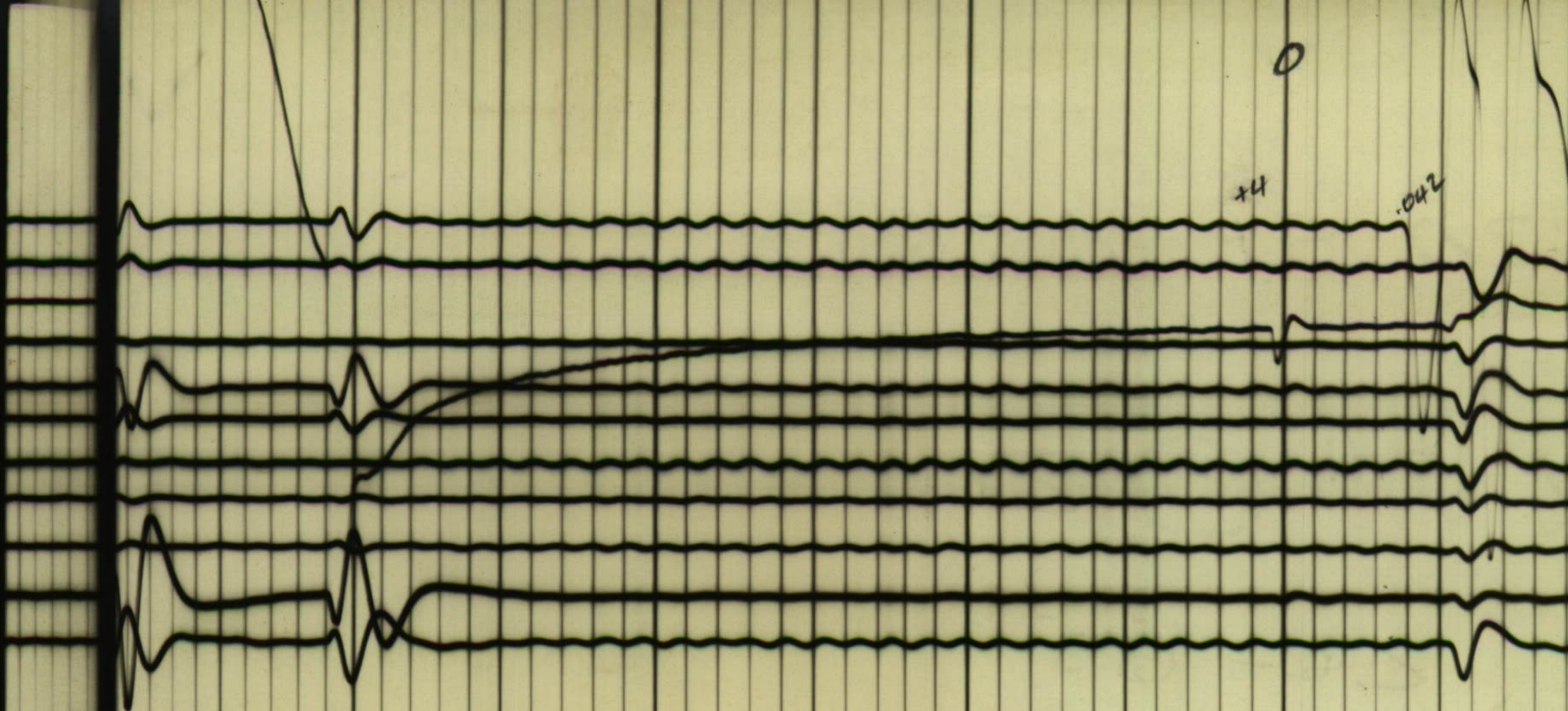
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CLIENT HARTOGENPROSPECT COOTABYNIA STATE QLDS.P. 4568 LINE 820SHOT No. A DEPTH OF SHOT 20' CHARGE SIZE 6x5#HOLE PATTERN IN LINE MON. ✓ PBK. ✓ TAPE No. 53678

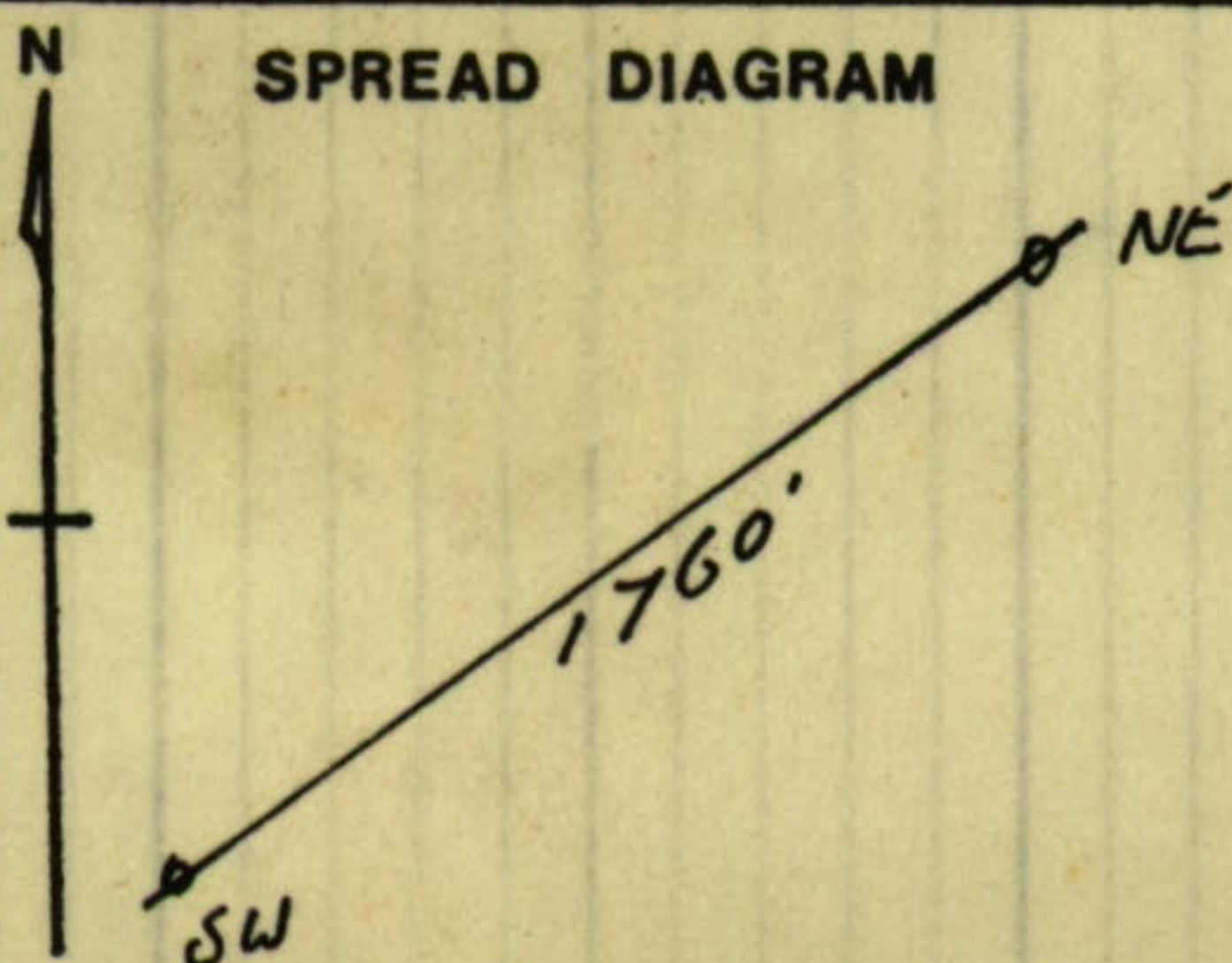
## RECORDING

INST TYPE GA-33FILTERS 1/20 1/65AGC SLOWGEO/TRACE 12TRACE INT. 220'SHOT POINT INT. 660'SPREAD TYPE 0-1760'

## PLAYBACK

FILTERS 1/20 1/66AGC SLOW

Vc. 7000' / sec.  
Elev. 1132 Tsd. ....  
Ds 20 Tuh. ....  
Es 1112  
Dtm. 600  
S-D 512



SHOT BY:

**GES** PTY LTDDATE 6TH OCT '71

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TIE S.P. \_ \_ \_ DIR \_ \_ \_



