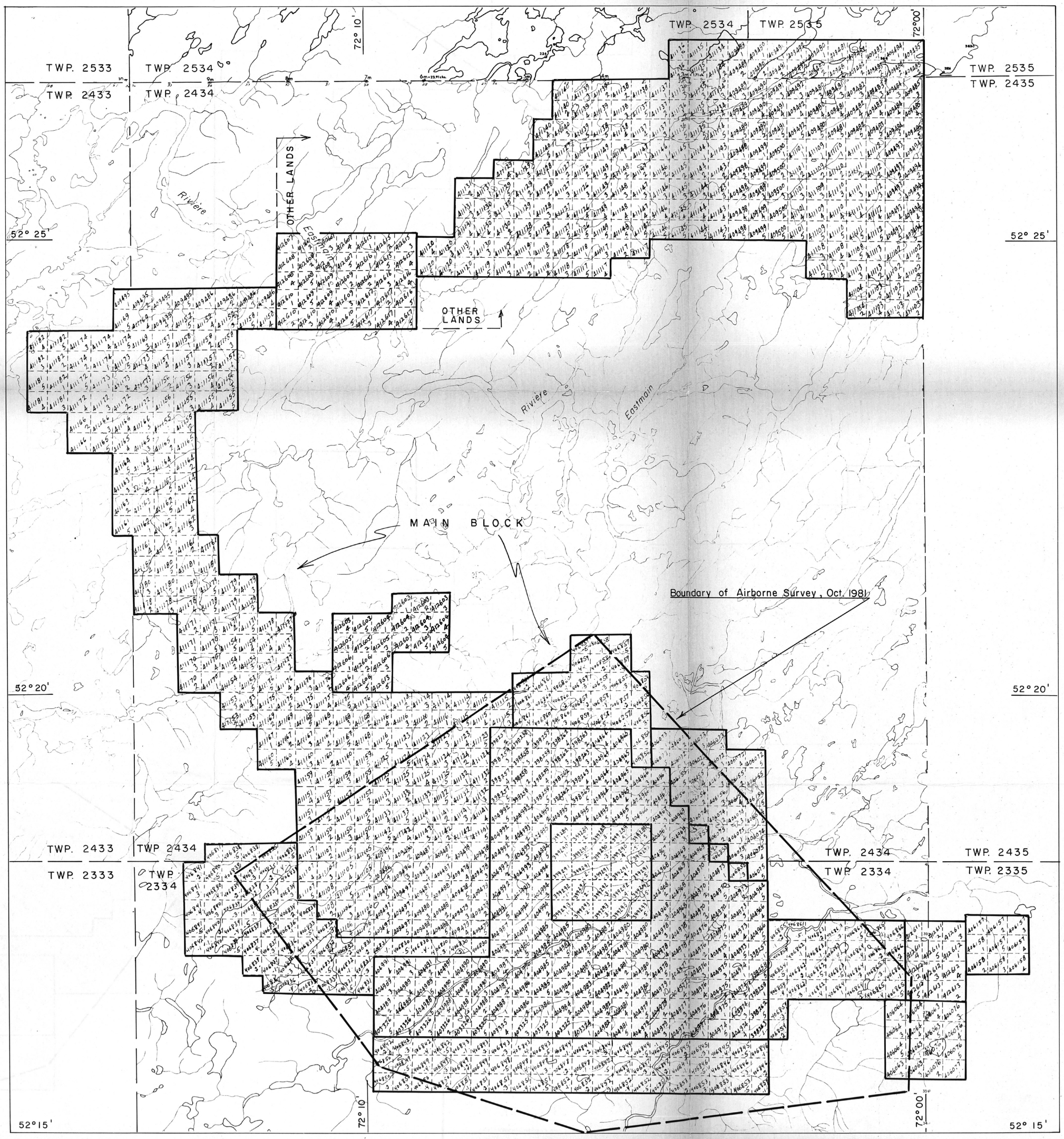


staked Jan. 1981 (399289-1 et al) 25 cls.

staked Sept. 1981 (398257-2 et al) 186 cls.

staked Jan. 1982 (406830-1 et al) 183 cls.

staked June 1982 (406063-1 et al) 16 cls.

staked July 1982 (406072-1 et al) 30 cls.

staked Aug. 1982 (406157-1 et al) 520 cls.

staked Nov. 1982 (412603-1 et al) 68 cls.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation

DATE 1 NOV. 1983

No G.M 40283

PLACER DEVELOPMENT LIMITED

V 116 EASTMAIN PROPERTY

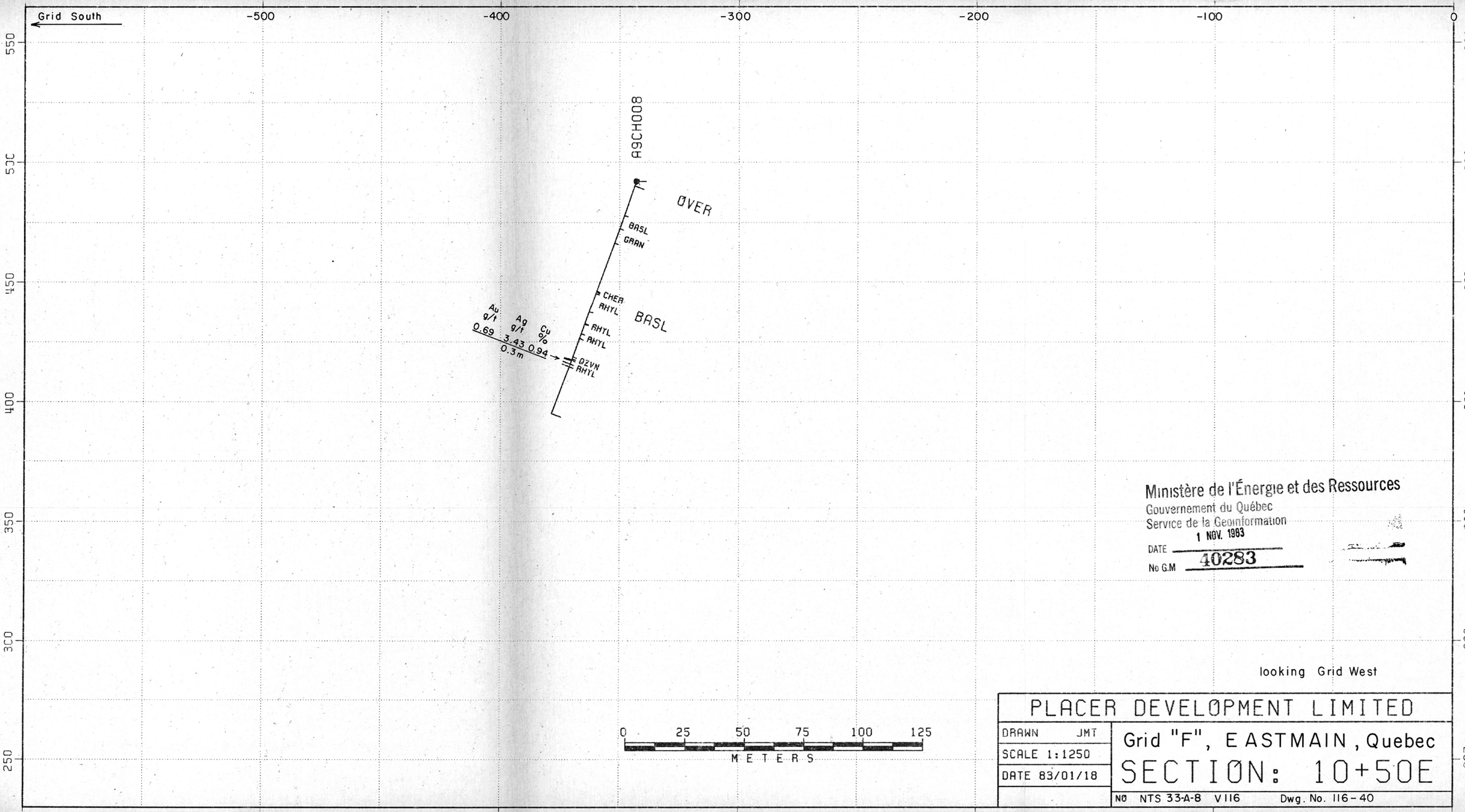
QUEBEC

SCALE : 1:50,000

NTS 33-A-8 & 23-D-5 October, 1982

Revised Jan. 1983

Dwg. No. 116-67

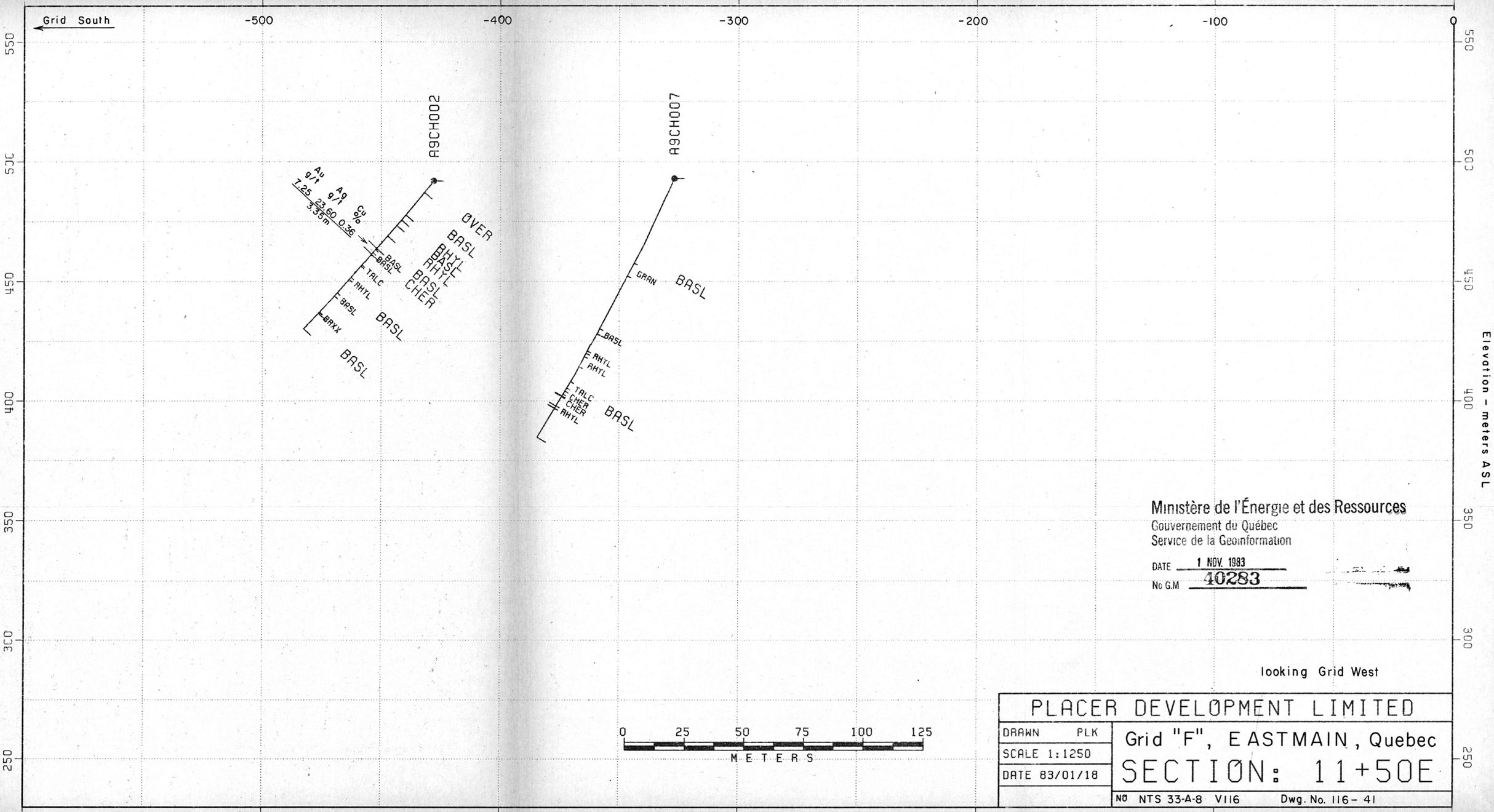


Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

PLACER DEVELOPMENT LIMITED

DRAWN JMT	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 10+50E
DATE 83/01/18	NØ NTS 33-A-8 V116 Dwg. No. 116-40

3.175+1 EASTMAIN TEST PLOT 1050



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation

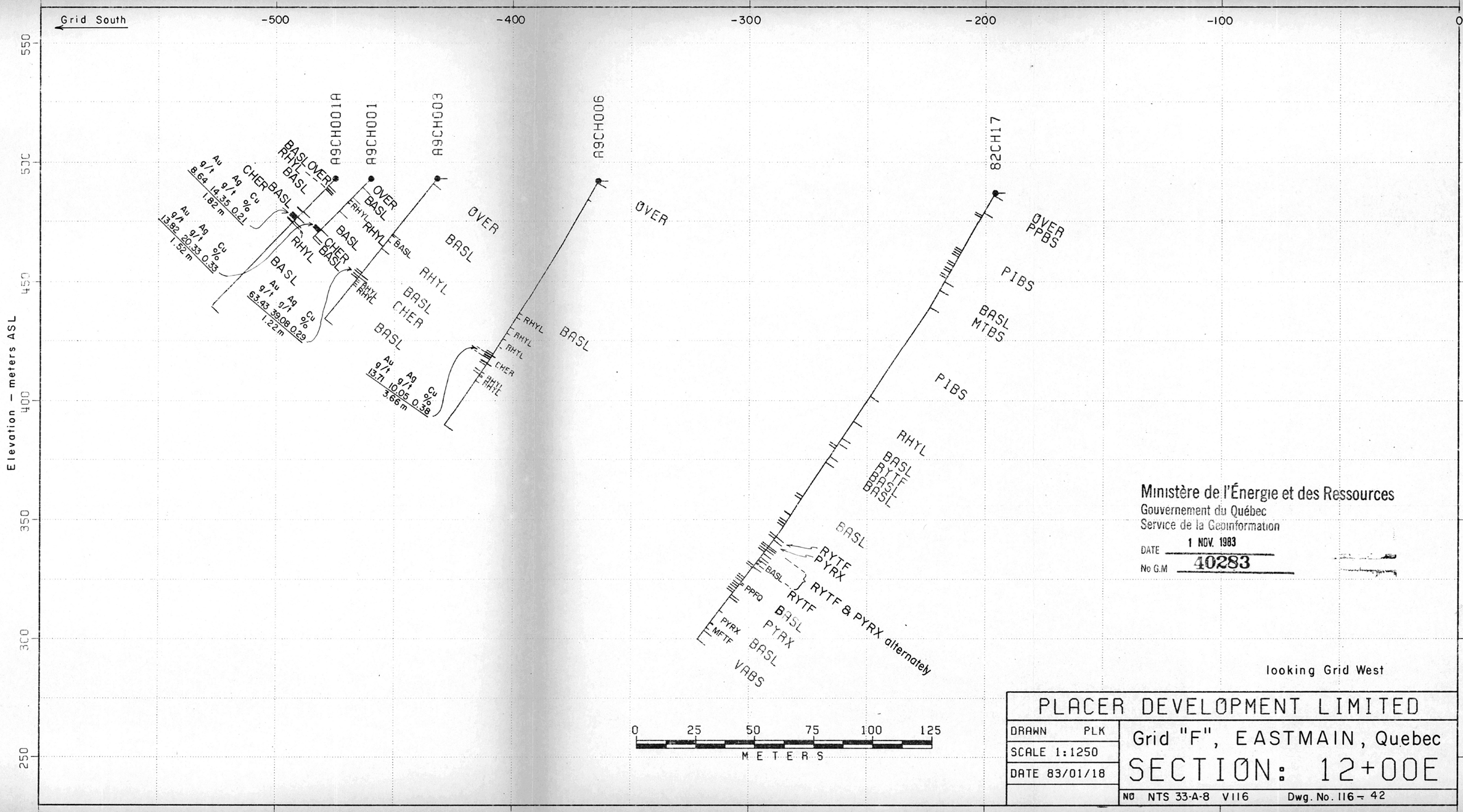
DATE 1 NOV. 1983
No G.M 40283

looking Grid West

PLACER DEVELOPMENT LIMITED

DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 11+50E
DATE 83/01/18	NO NTS 33-A-8 V116 Dwg. No. 116-41

3.175+1

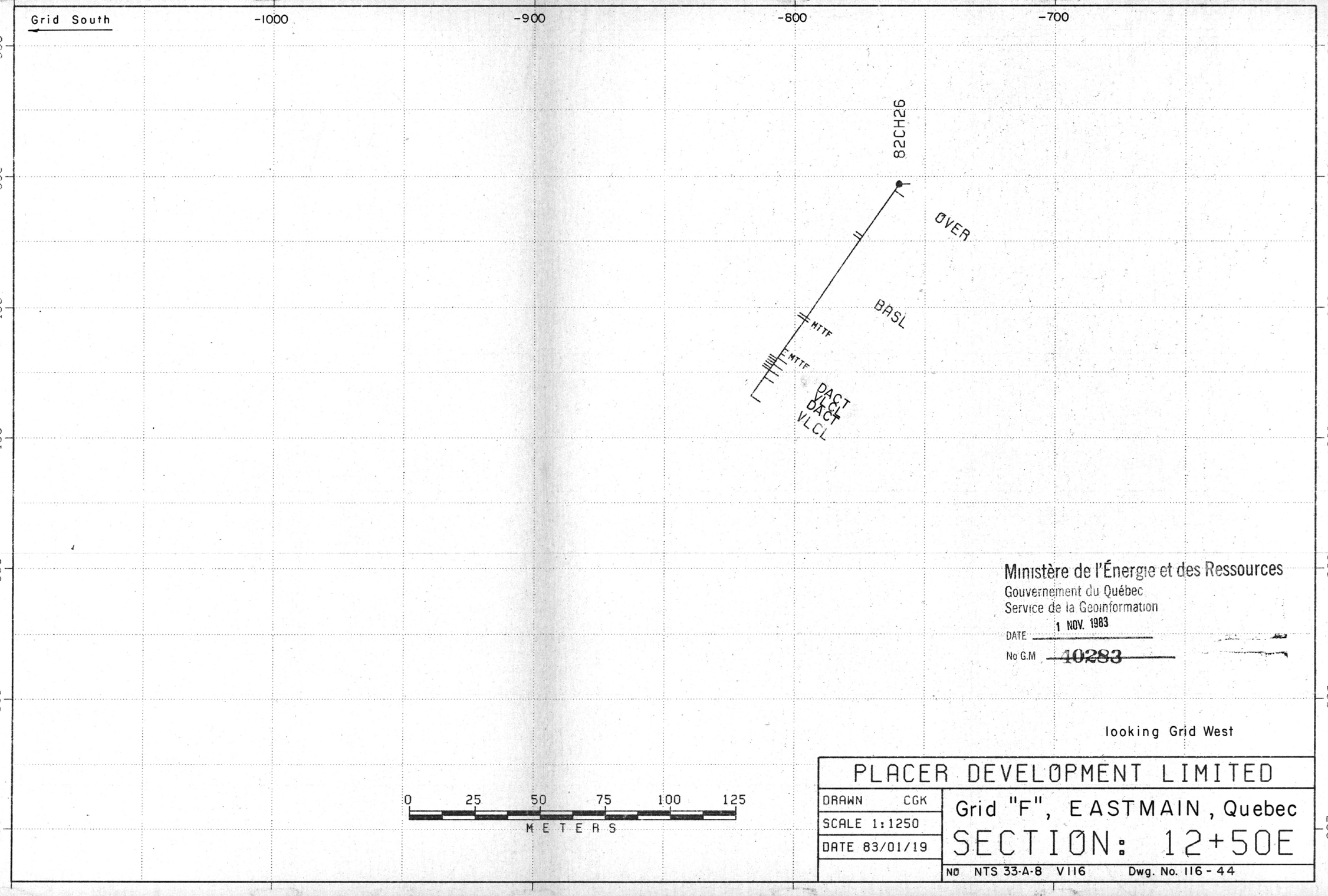


Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation

DATE 1 NOV. 1983
No G.M 40283

PLACER DEVELOPMENT LIMITED	
DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 12+00E
DATE 83/01/18	NO NTS 33-A-8 V116 Dwg. No. 116-42

3.175+1



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

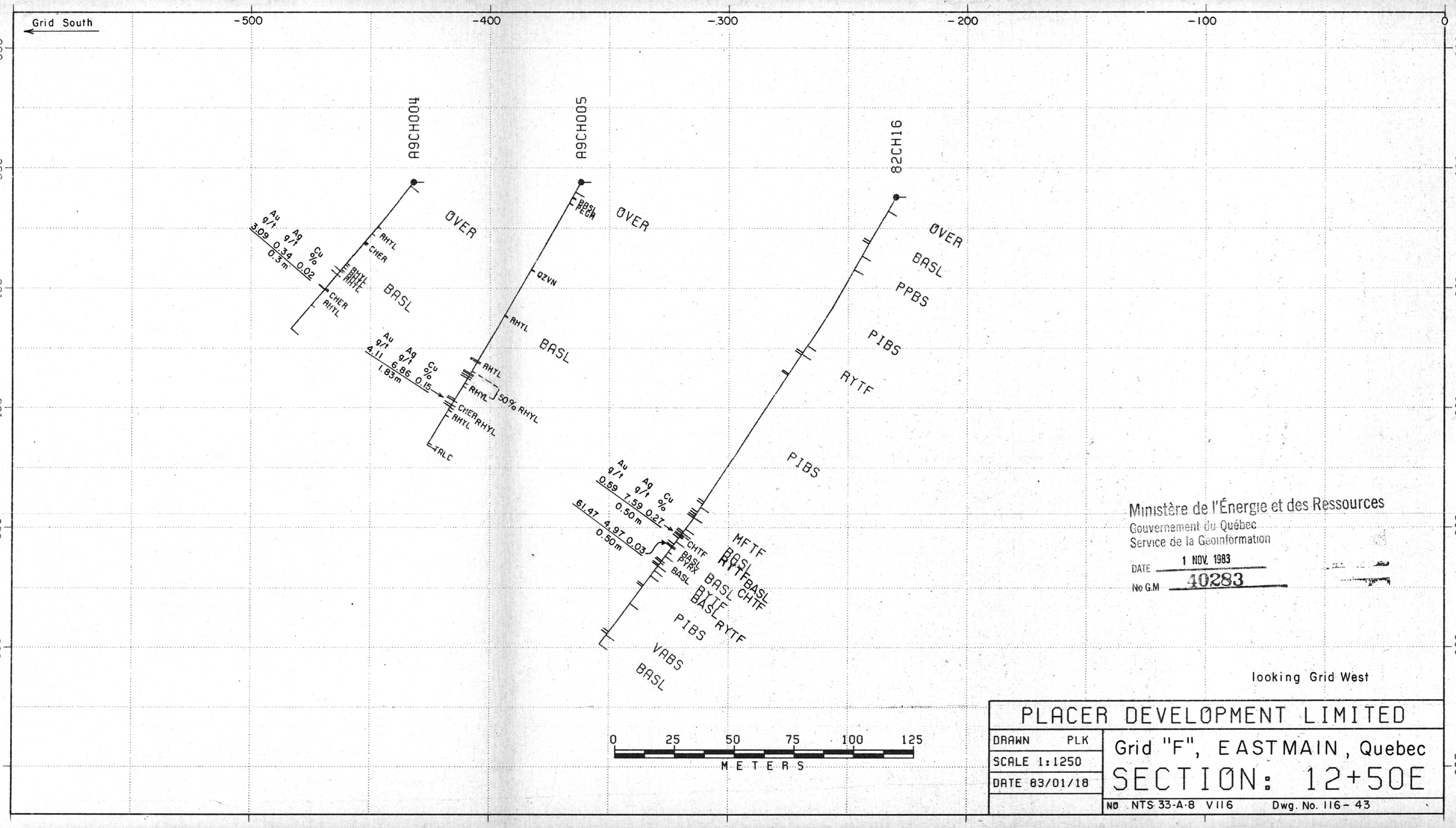
looking Grid West

PLACER DEVELOPMENT LIMITED

DRAWN CGK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 12+50E
DATE 83/01/19	NØ NTS 33-A-8 V116 Dwg. No. 116 - 44

V.116 EASTMAIN SECTION 12-50E: FACING WEST.

3.175+1

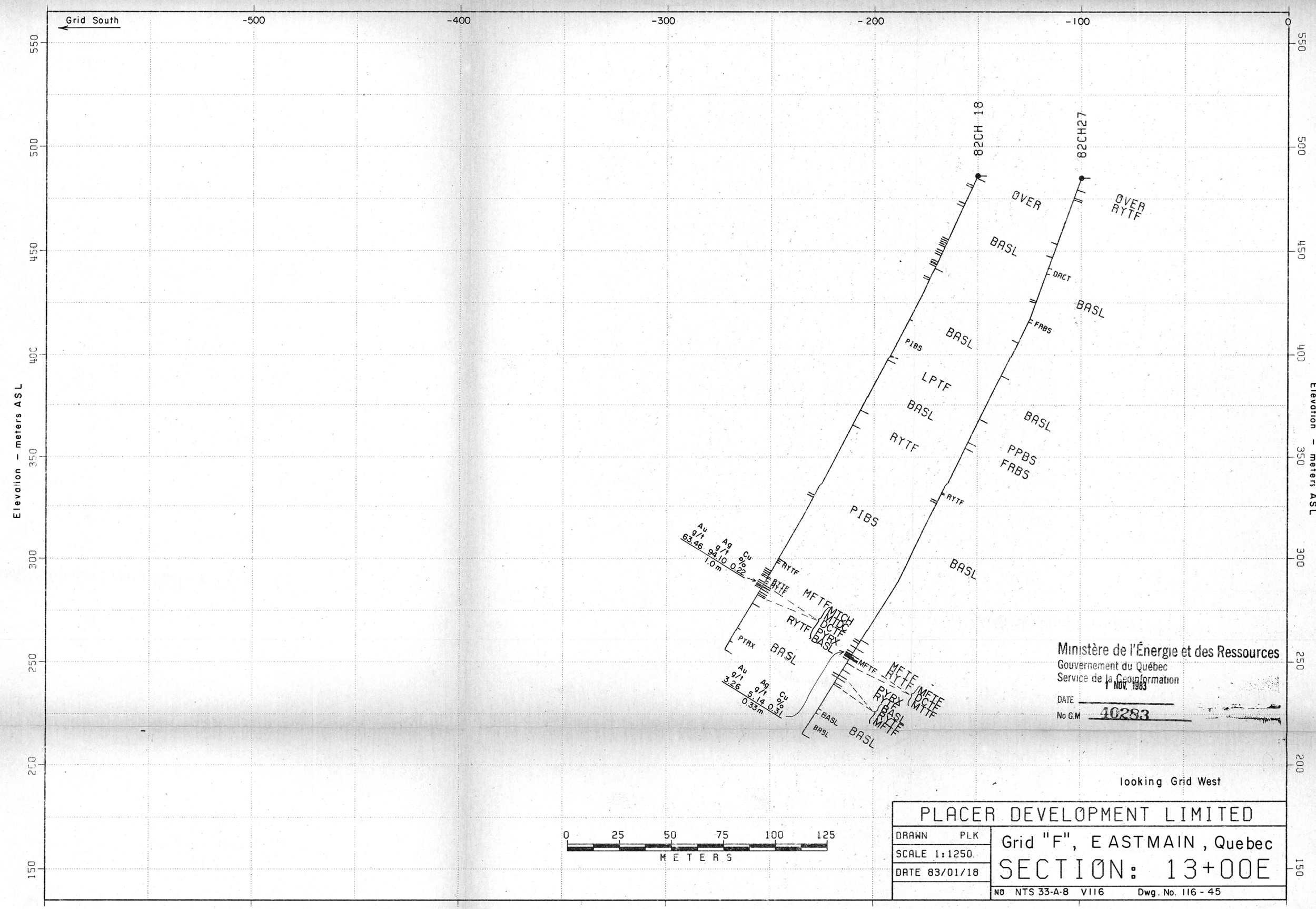


Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

looking Grid West

PLACER DEVELOPMENT LIMITED	
DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 12+50E
DATE 83/01/18	NØ NTS 33-A-8 V116 Dwg. No. 116-43

3.1.75+1



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

PLACER DEVELOPMENT LIMITED	
DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 13+00E
DATE 83/01/18	
	NO NTS 33-A-8 V116 Dwg. No. 116 - 45

Grid South

-500 -400 -300 -200 -100 0

Elevation - meters ASL

550 500 450 400 350 300 250 200 150 100

82 CH23
82 CH20

OVER
OVER
DACT
PIBS BASL
DCTF
PPBS
BASL
PYRX
RYTF
BASL
DIOR
PPBS
PIBS
RYTF
BASL
BASL
DIOR
PYRX
BASL
MTTF
MTTF BASL
Au g/t 1.85
Ag g/t 8.07
0.24m
BASL
RYTF
CHTF (.24m)
MFTF
DCTF
ALTF
BASL
MFTF (.5m)
PYRX
DCTF
DCTF
DCTF
BASL
PYRX
RYTF
BASL
PYRX
PYRX
BASL
VABS
BASL
PYRX
VABS
BASL
RYTF
BASL

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

looking Grid West

0 25 50 75 100 125
METERS

PLACER DEVELOPMENT LIMITED

DRAWN PLK
SCALE 1:1250
DATE 83/01/18

Grid "F", EASTMAIN, Quebec
SECTION: 14+00E

NO NTS 33-A-8 V116 Dwg. No. 116-46

Grid South

-500 -400 -300 -200 -100 0

Elevation - meters ASL

550 500 450 400 350 300 250 200 150

82CH21

ØVER
BASL
DIØR
RYTF
RYTF
BASL
ALBS
CXTF
FRBS
BASL
GRDR
CXTF
RYTF
ALBS
BASL
CXTF
DACT
BASL
BASL
PPBS
BASL
DACT
BASL
PPBS
MFTF BASL
CHTF BASL
BASL
RYTF
RYTF
PYRX
RYTF
PYRX
RYTF
RYTF
PYRX
RYTF
RYTF
PYRX
BASL
VABS

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 4 NOV. 1983
No G.M 40283

looking Grid West

0 25 50 75 100 125
METERS

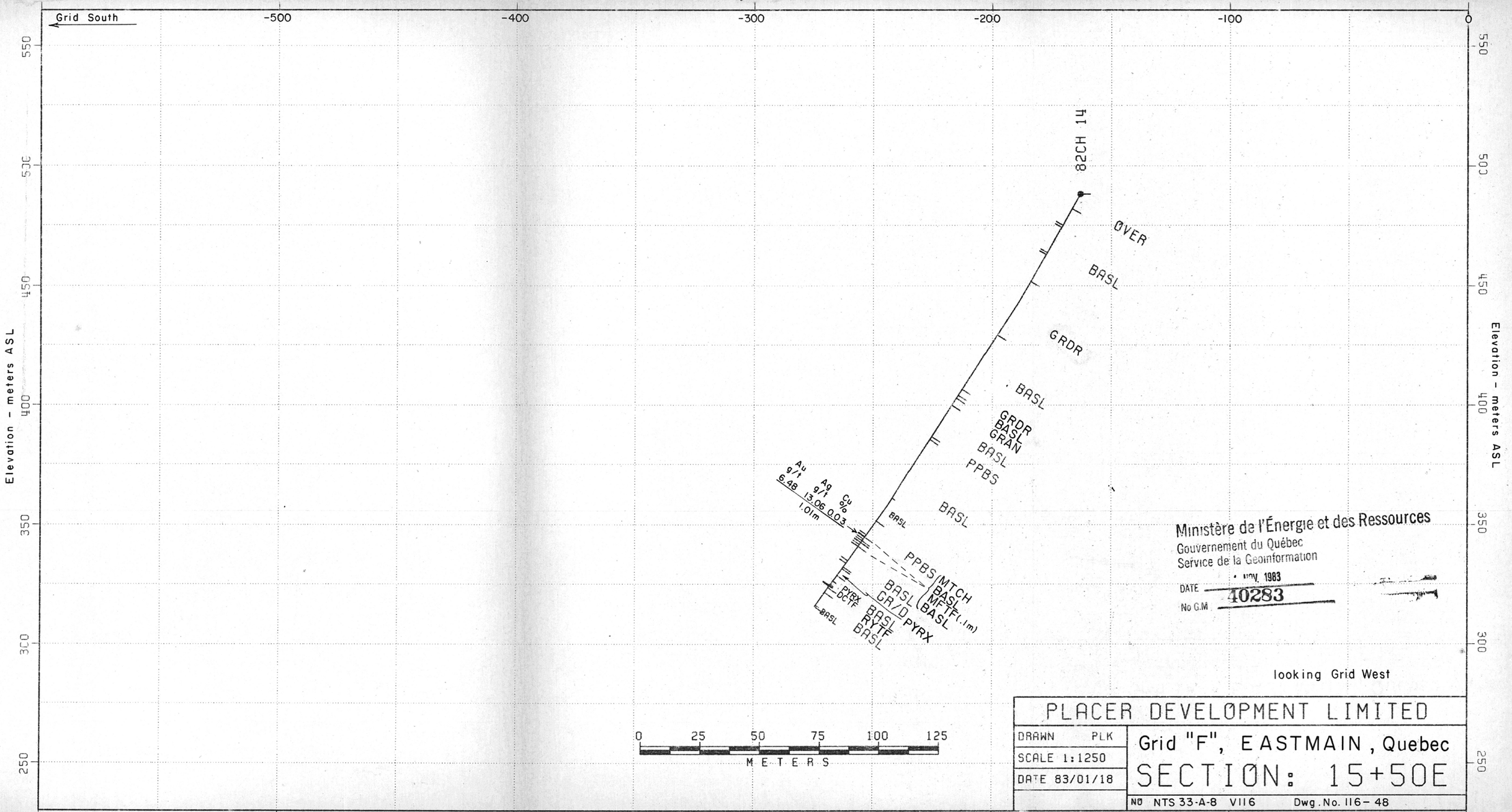
PLACER DEVELOPMENT LIMITED

DRAWN PLK
SCALE 1:1250
DATE 83/01/18

Grid "F", EASTMAIN, Quebec

SECTION: 15+00E

NØ NTS 33-A-8 VII6 Dwg. No. 116-47



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE NOV. 1983
No G.M. 40283

PLACER DEVELOPMENT LIMITED

DRAWN PLK
SCALE 1:1250
DATE 83/01/18

Grid "F", EASTMAIN, Quebec

SECTION: 15+50E

NO NTS 33-A-8 V116 Dwg. No. 116-48

3.175+1

Grid South

-500 -400 -300 -200 -100 0

Elevation – meters ASL

550 500 450 400 350 300 250 200 150

82CH19

PPBS
ØVER
BASL
QZVN
GRDR
BASL
DCTF
RYTF
BASL
PYRX
PYRX
BASL (30% DCTF)
PYRX
RHYL
BASL
VABS

82CH 22

ØVER
BASL
PIBS
GRDR
GRDR
BASL
GRDR
PIBS
GRDR
BASL
Au g/t 0.55 0.25m
Ag g/t 8.78
BASL
MTTF
RYTF
MFTF
BASL
PYRX
BASL

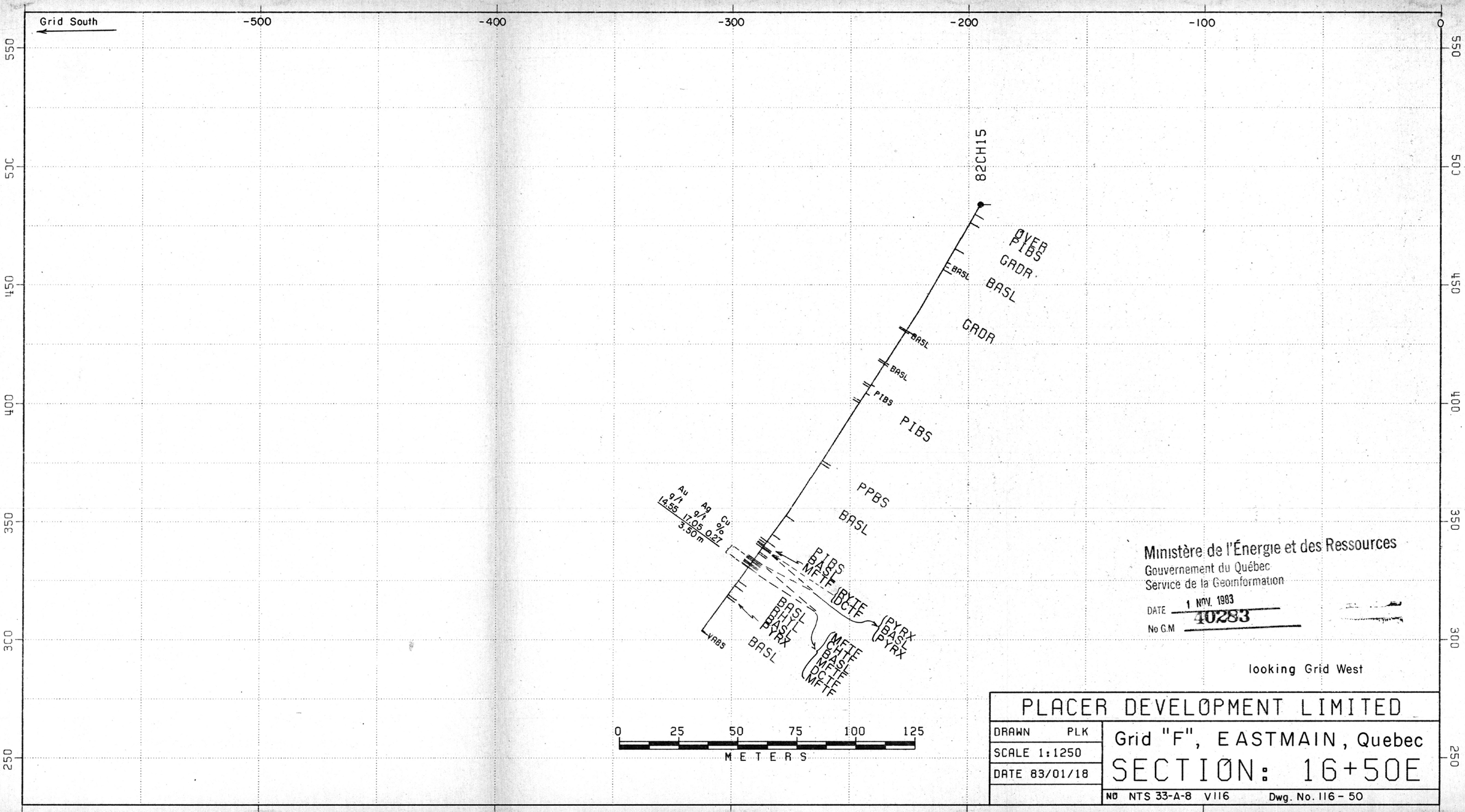
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

looking Grid West

0 25 50 75 100 125
METERS

PLACER DEVELOPMENT LIMITED

DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 16+00E
DATE 83/01/18	NØ NTS 33-A-8 VII6 Dwg. No. 116-49



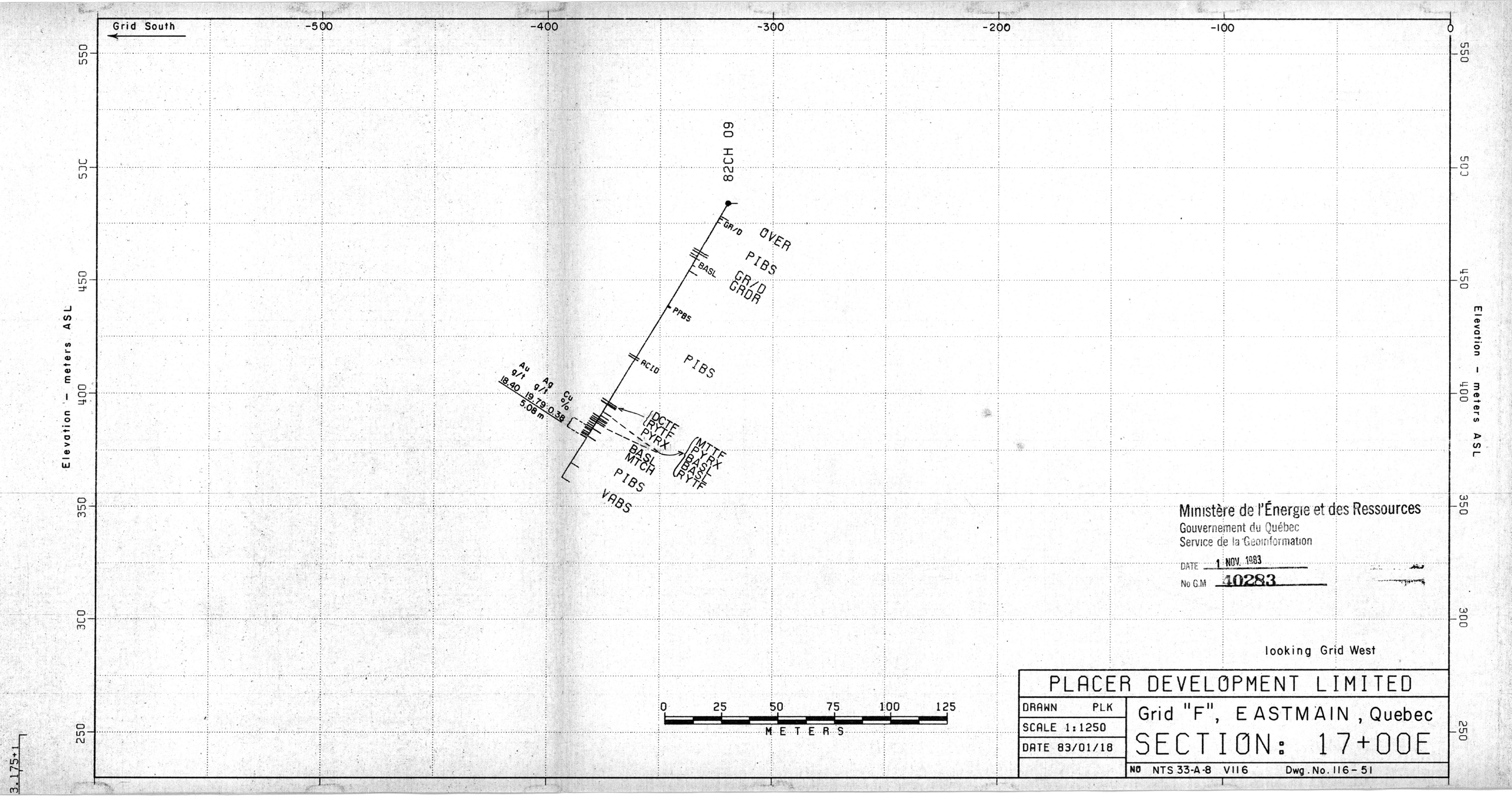
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

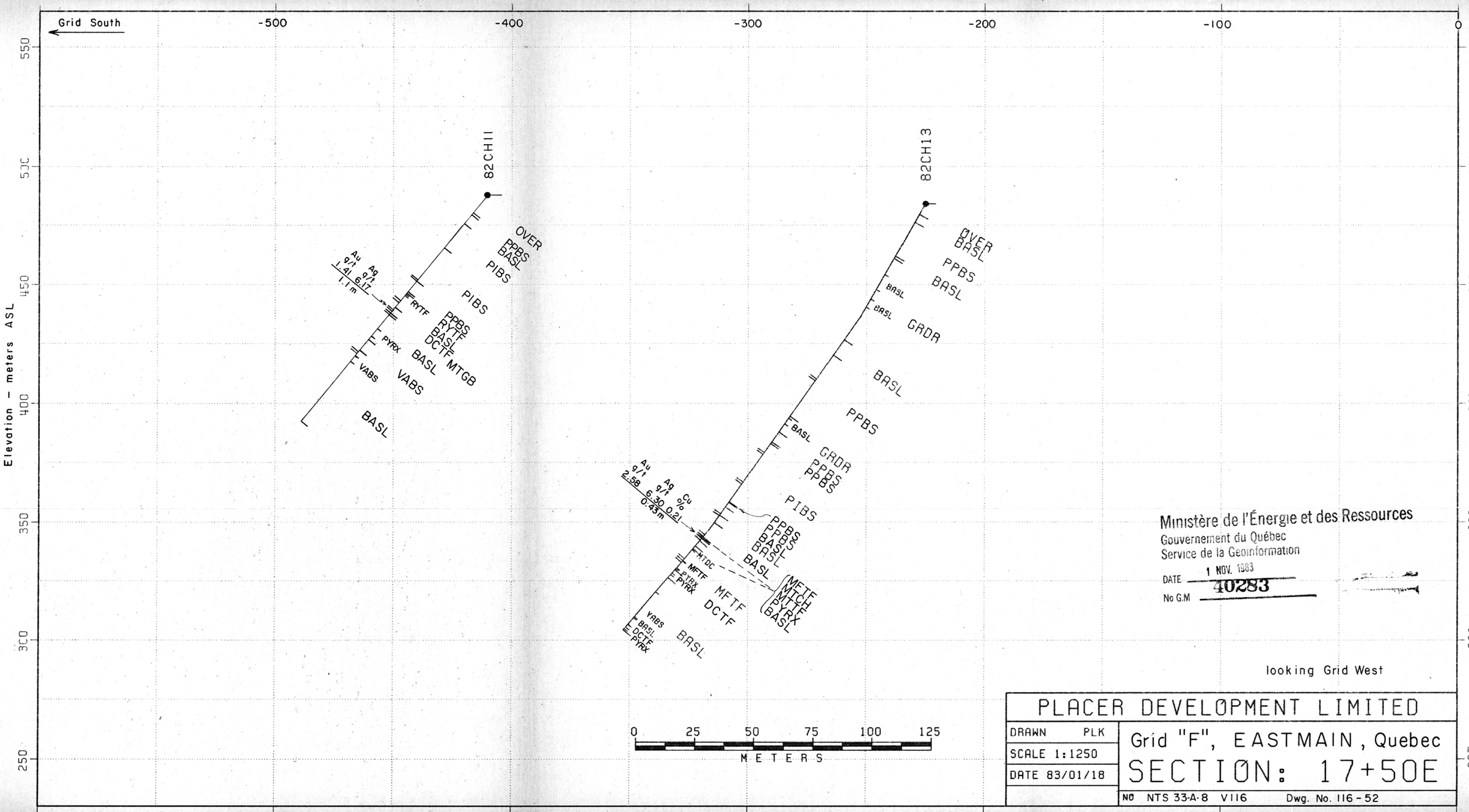
looking Grid West

PLACER DEVELOPMENT LIMITED

DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 16+50E
DATE 83/01/18	NO NTS 33-A-8 V116 Dwg. No. 116-50

3.175+1


Grid South
-500
-400
-300
-200
-100
0
550
500
450
400
350
300
250
Elevation - meters ASL
82CH 09
GR/D
OVER
PIBS
BASL
GR/D
GRDR
PPBS
PIBS
PC1D
Au g/t
Ag g/t
Cu %
18.40
19.79
0.38
5.08 m
DCTF
LRYTF
PYRX
BASL
MTCH
PIBS
VABS
MTTF
PYRX
BASL
BASL
LRYTF
0
25
50
75
100
125
METERS
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283
looking Grid West
PLACER DEVELOPMENT LIMITED
DRAWN PLK
SCALE 1:1250
DATE 83/01/18
Grid "F", EASTMAIN, Quebec
SECTION: 17+00E
NO NTS 33-A-8 V116 Dwg. No. 116-51
3.175+1



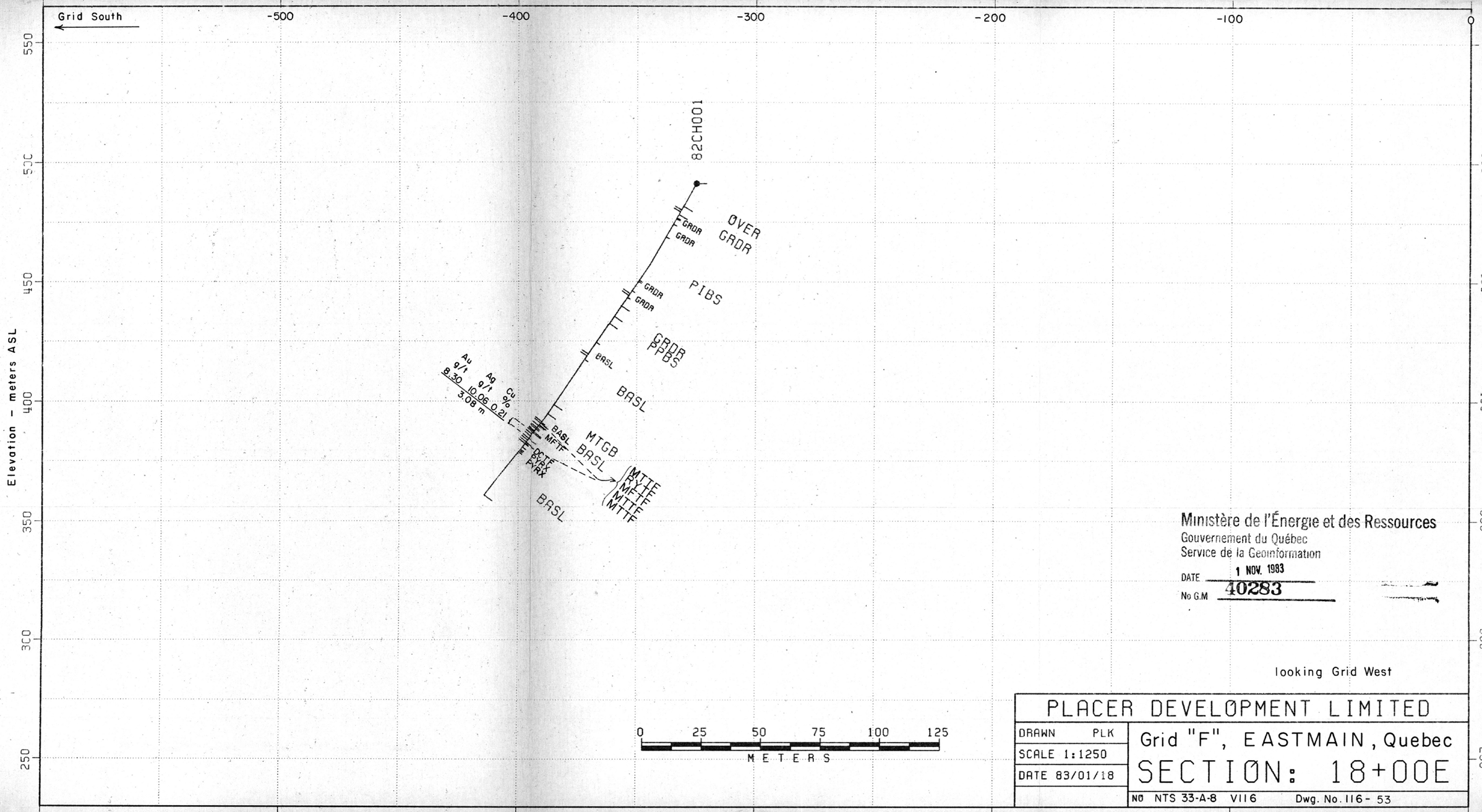
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

looking Grid West

PLACER DEVELOPMENT LIMITED

DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 17+50E
DATE 83/01/18	NO NTS 33-A-8 V116 Dwg. No. 116-52

3.175+1



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation

DATE 1 NOV. 1983

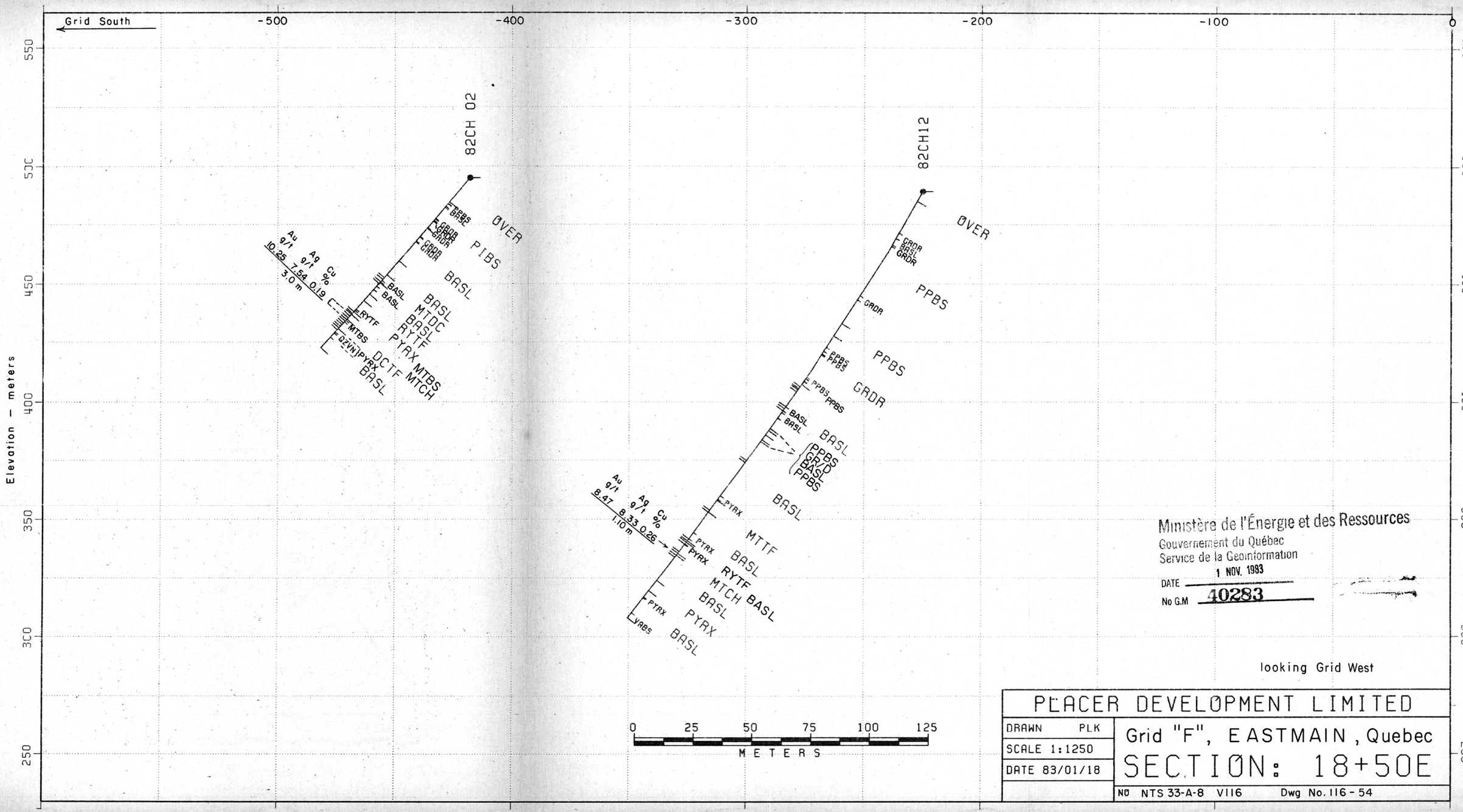
No G.M 40283

looking Grid West

PLACER DEVELOPMENT LIMITED

DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 18+00E
DATE 83/01/18	NO NTS 33-A-8 VII6 Dwg. No. 116-53

3.175±1

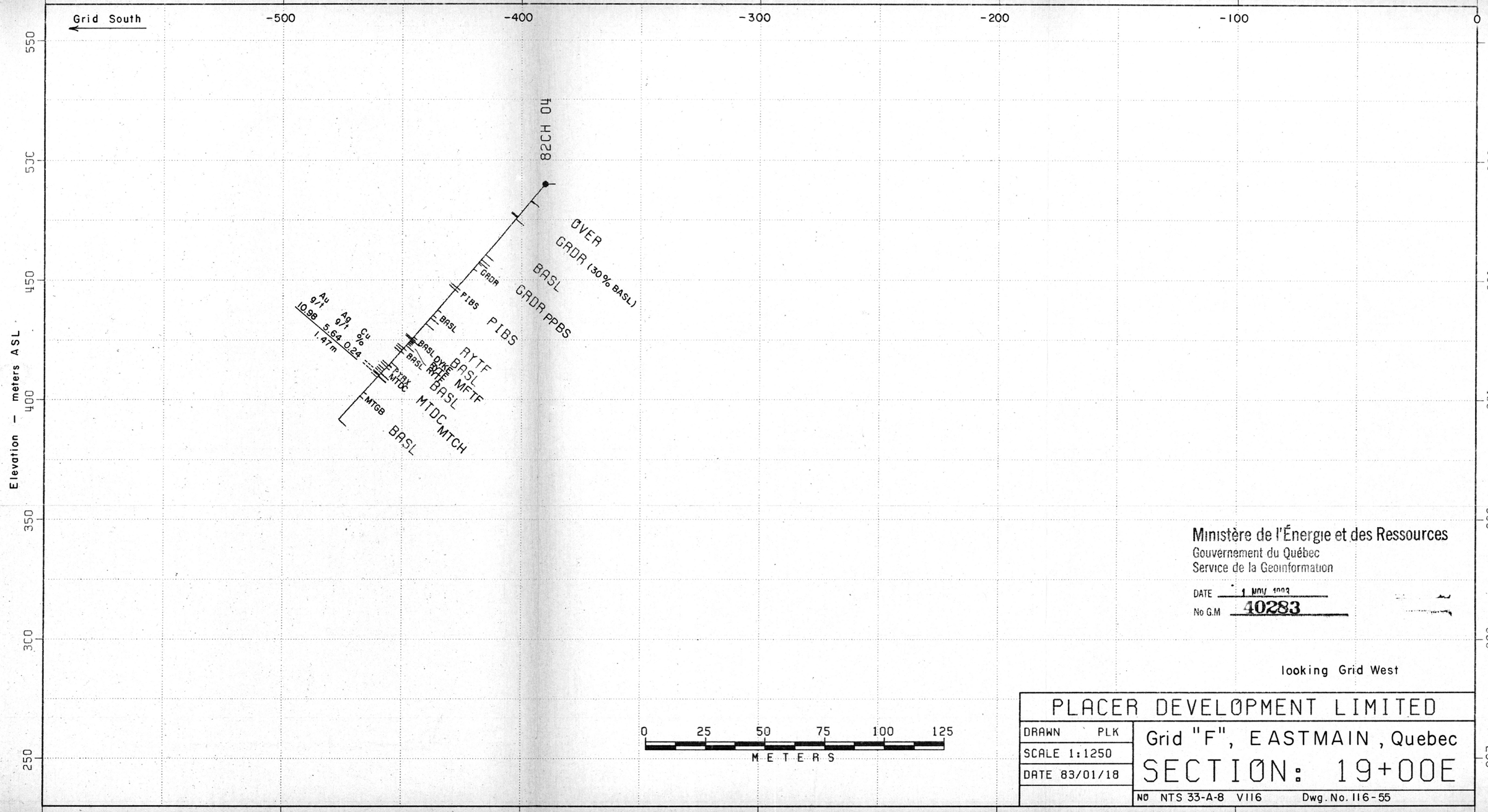


Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

PLACER DEVELOPMENT LIMITED

DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 18+50E
DATE 83/01/18	NØ NTS 33-A-8 V116 Dwg No. 116-54

3.175+1

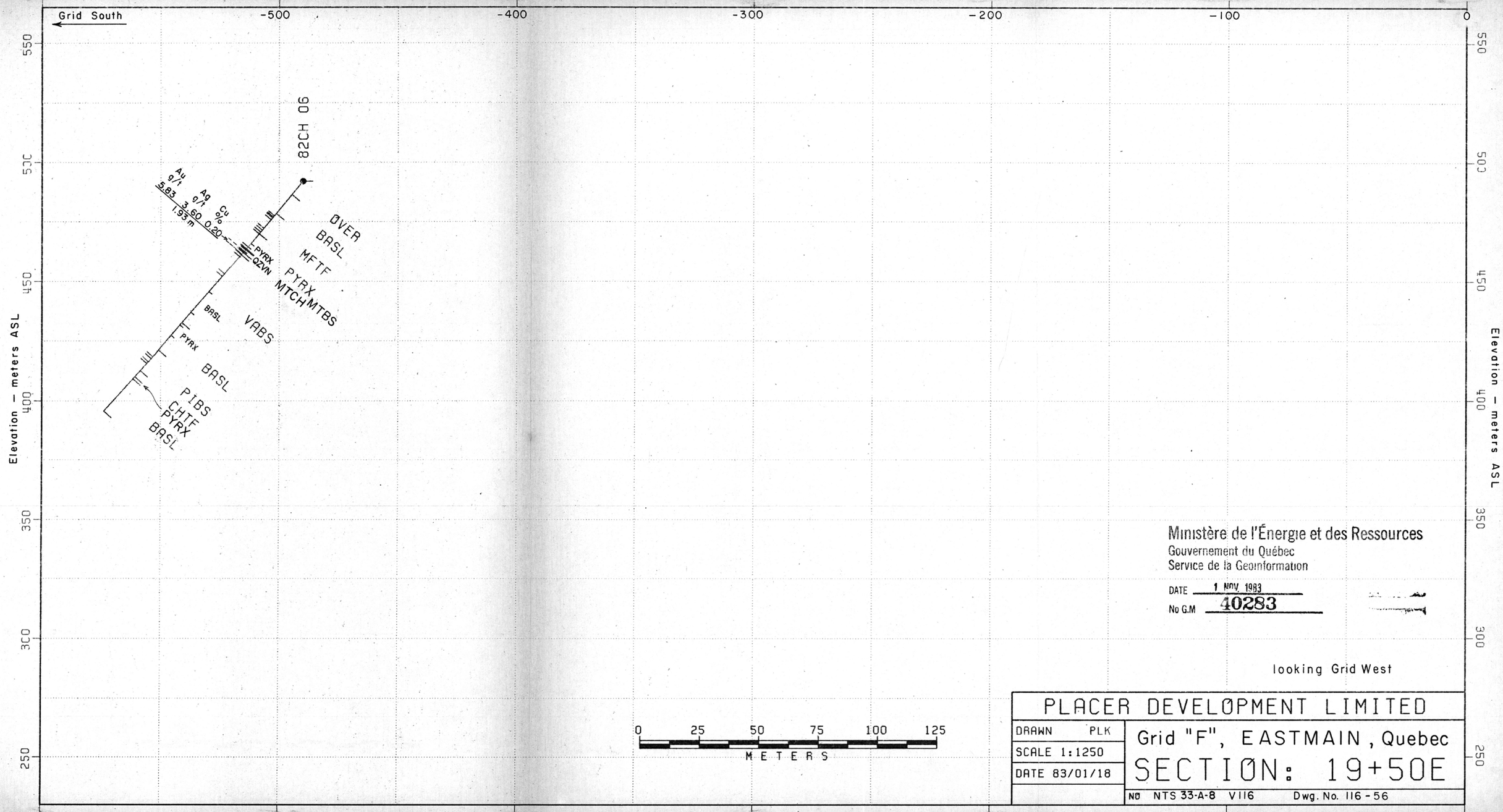


Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation

DATE 1 NOV 1983
No G.M 40283

PLACER DEVELOPMENT LIMITED	
DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 19+00E
DATE 83/01/18	NO NTS 33-A-8 V116 Dwg. No. 116-55

3.175+1

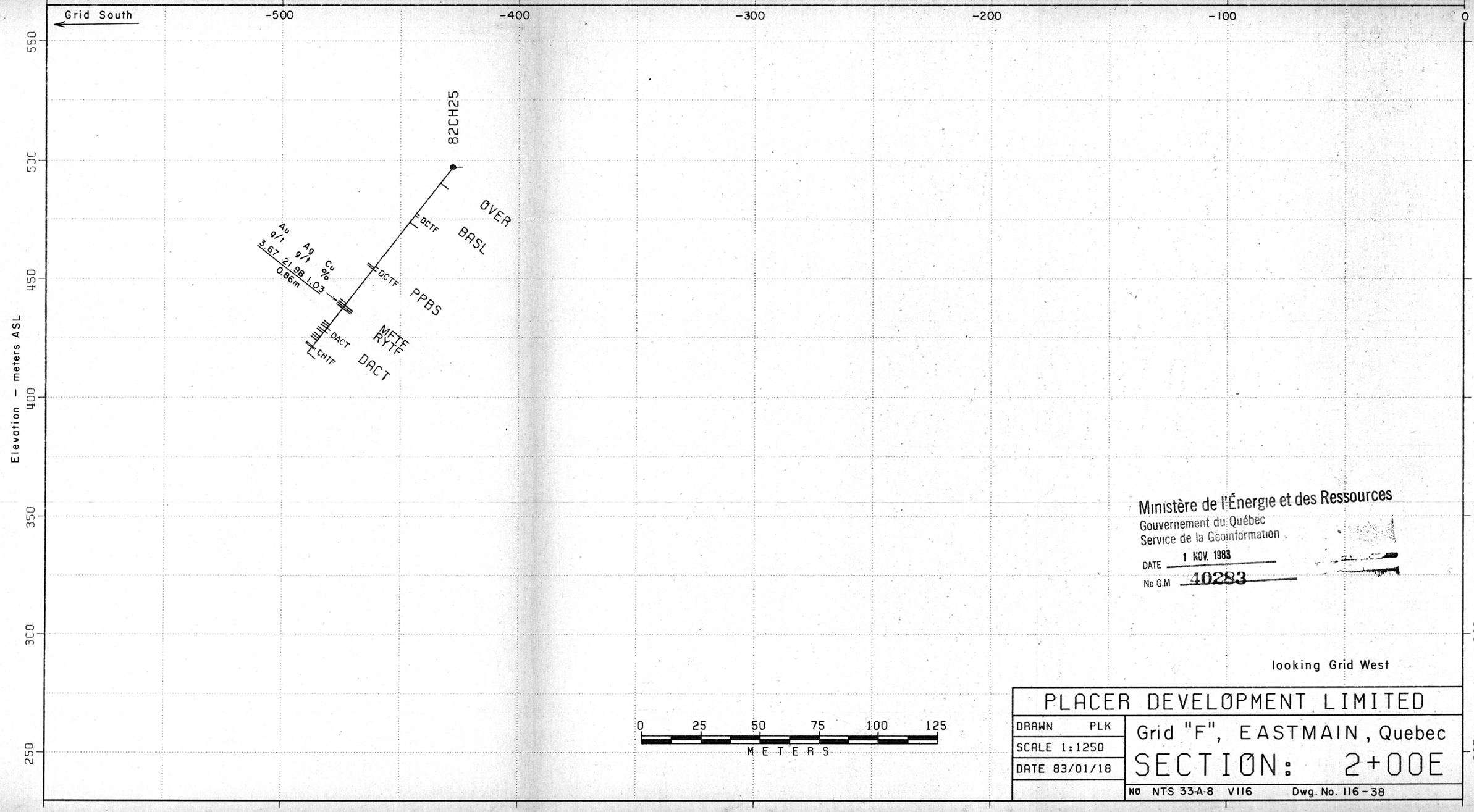


Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation

DATE 1 NOV. 1983
No G.M 40283

PLACER DEVELOPMENT LIMITED	
DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 19+50E
DATE 83/01/18	NO NTS 33-A-8 V116 Dwg. No. 116-56

3.175+1



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

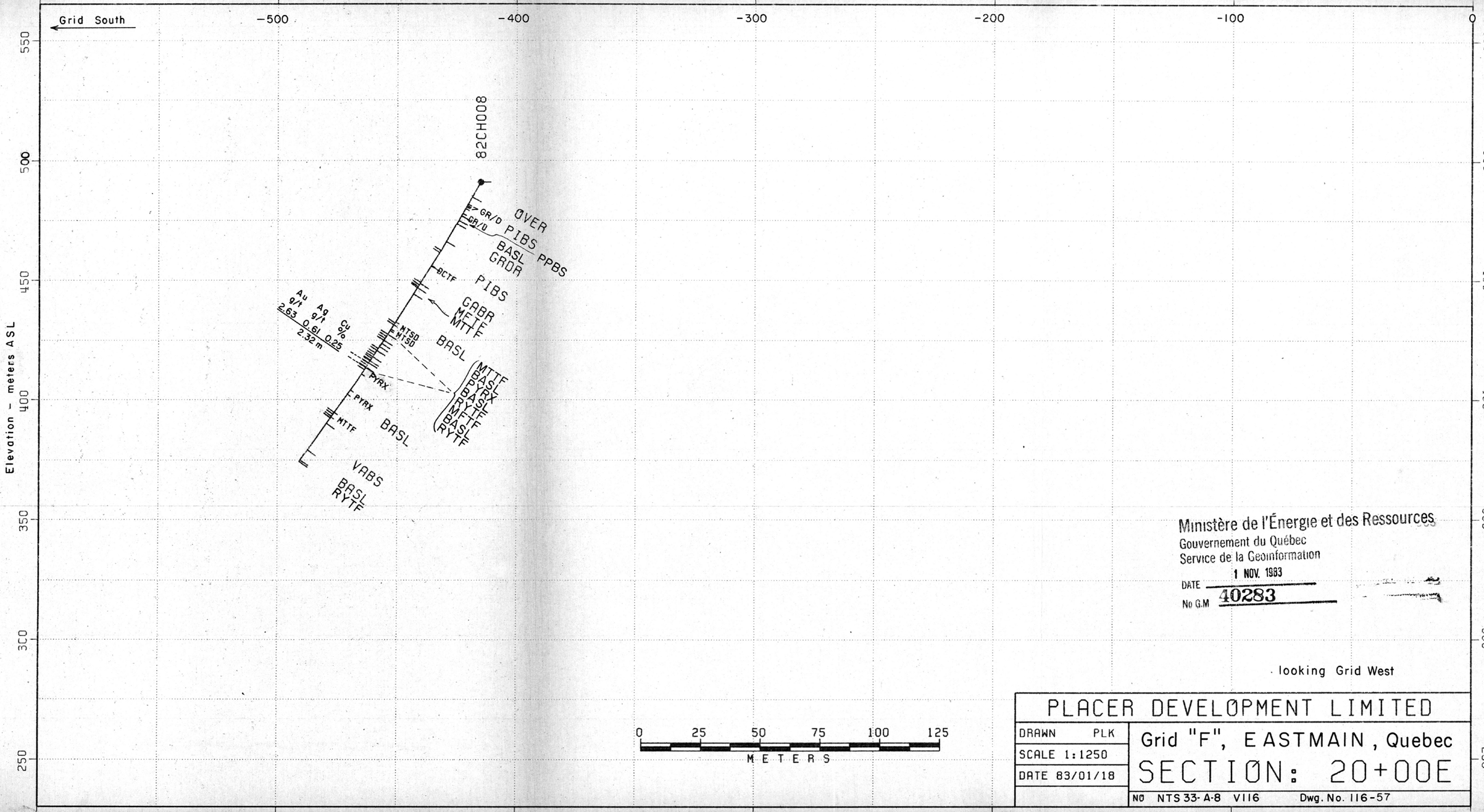
looking Grid West

0 25 50 75 100 125
METERS

PLACER DEVELOPMENT LIMITED

DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 2+00E
DATE 83/01/18	NØ NTS 33-A-8 V116 Dwg. No. 116-38

3.175+1

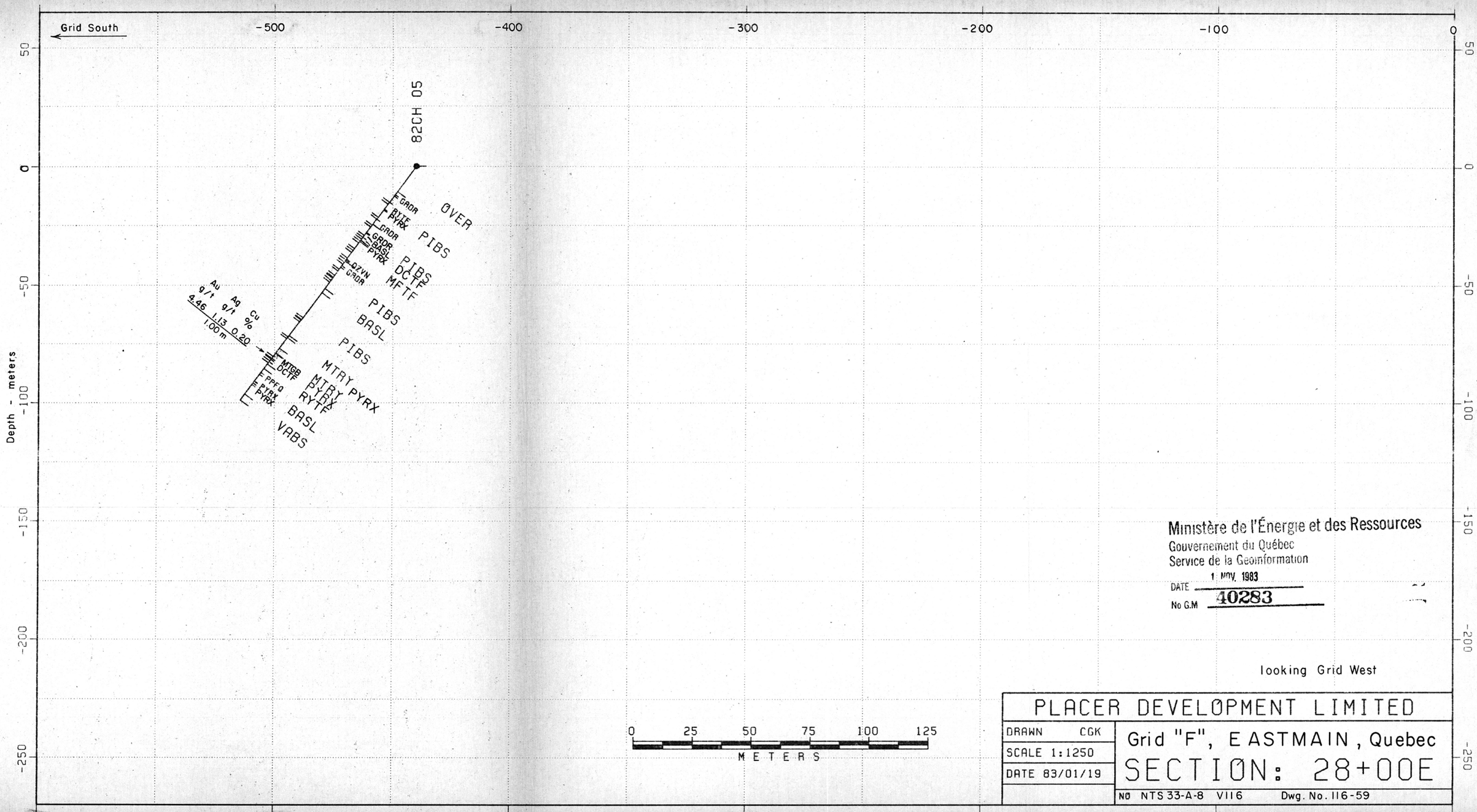


Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

looking Grid West

PLACER DEVELOPMENT LIMITED	
DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 20+00E
DATE 83/01/18	
	NØ NTS 33-A-8 V116 Dwg. No. 116-57

3.175+1



looking Grid West

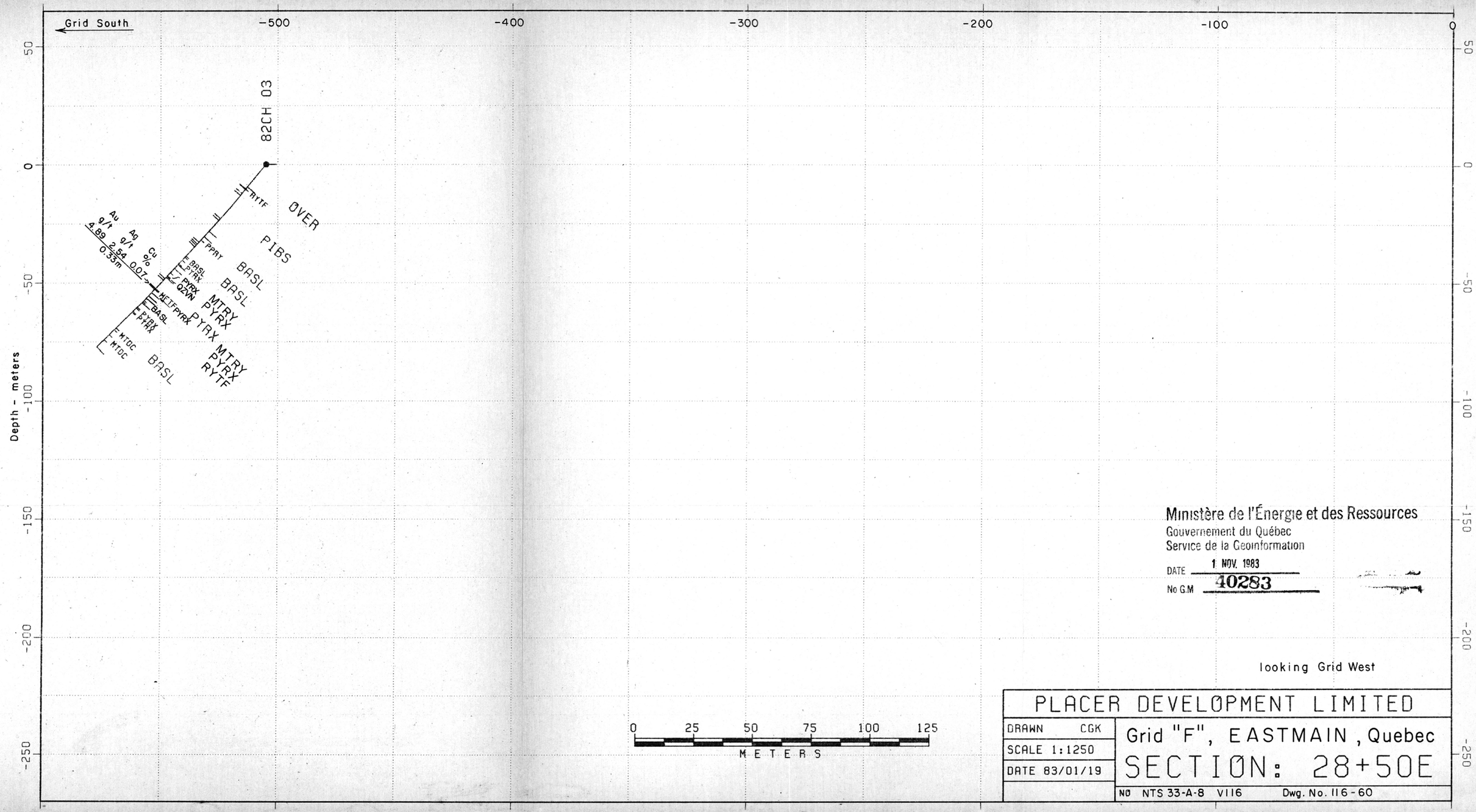
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

PLACER DEVELOPMENT LIMITED

DRAWN CGK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 28+00E
DATE 83/01/19	NØ NTS 33-A-8 V116 Dwg. No. 116-59

V.116 EASTMAIN C+D ZONE ON F-GRID: 28+00E, FACING WEST.

3.175+1



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation

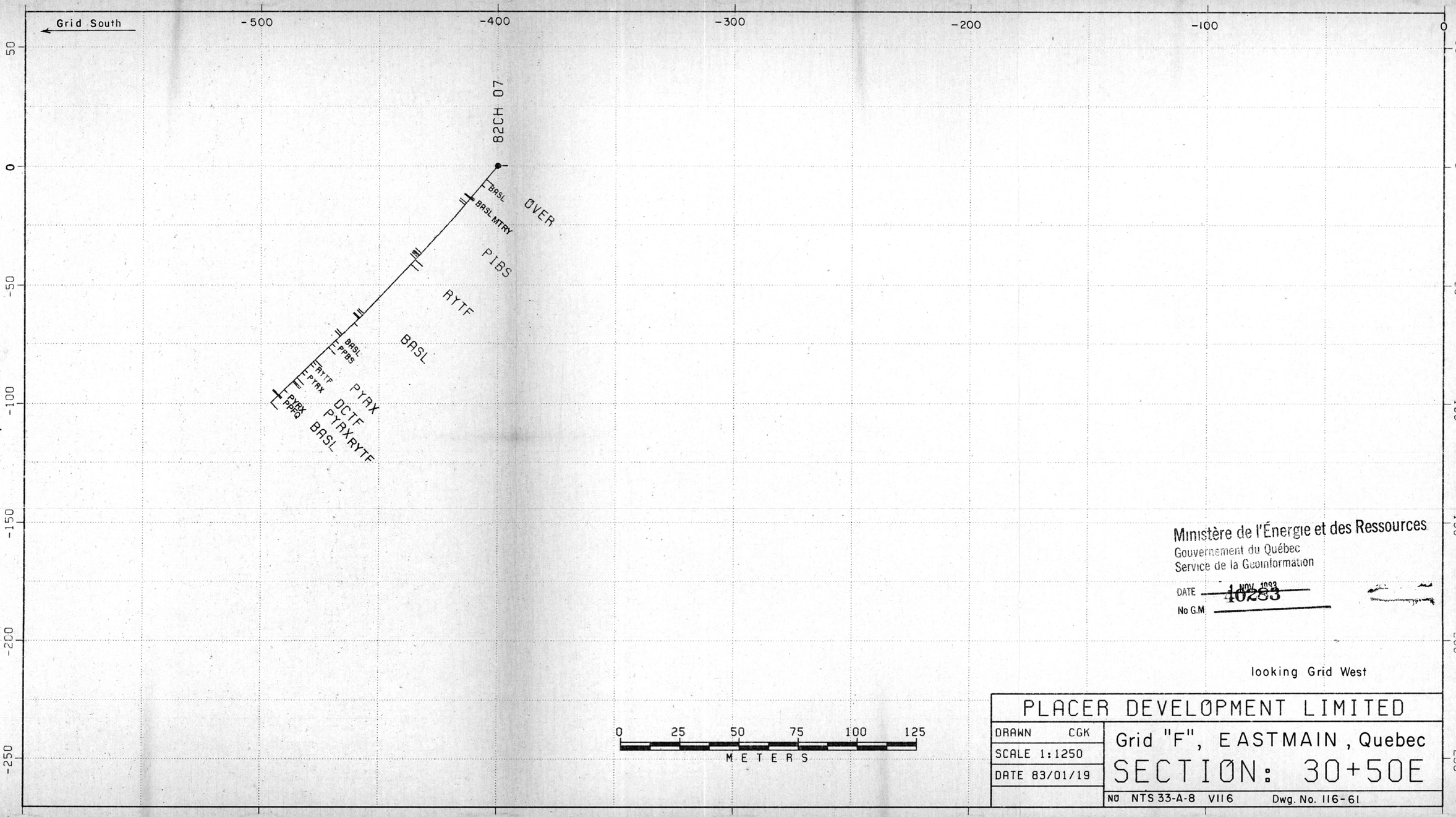
DATE 1 NOV. 1983

No G.M 40283

PLACER DEVELOPMENT LIMITED	
DRAWN CGK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 28+50E
DATE 83/01/19	NØ NTS 33-A-8 V116 Dwg. No. 116-60

V.116 EASTMAIN C+D ZONE SECTION ON F-GRID: 28+50E, FACING WEST.

3.175+1



looking Grid West

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV 1993
No G.M. 40283

PLACER DEVELOPMENT LIMITED	
DRAWN CGK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 30+50E
DATE 83/01/19	NO NTS 33-A-8 VII6 Dwg. No. 116-61

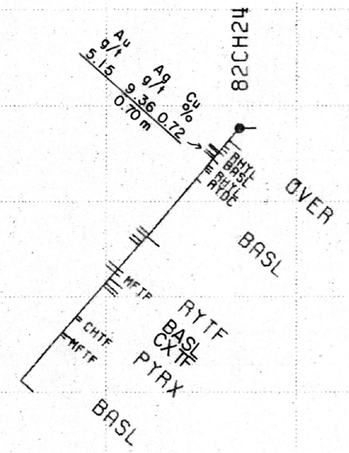
3.175+1 V.116 EAST MAIN C+D ZONE ON F-GRID: 30+50E, FACING WEST.

Grid South

-500 -400 -300 -200 -100 0

550 500 450 400 350 300 250

Elevation - meters ASL



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

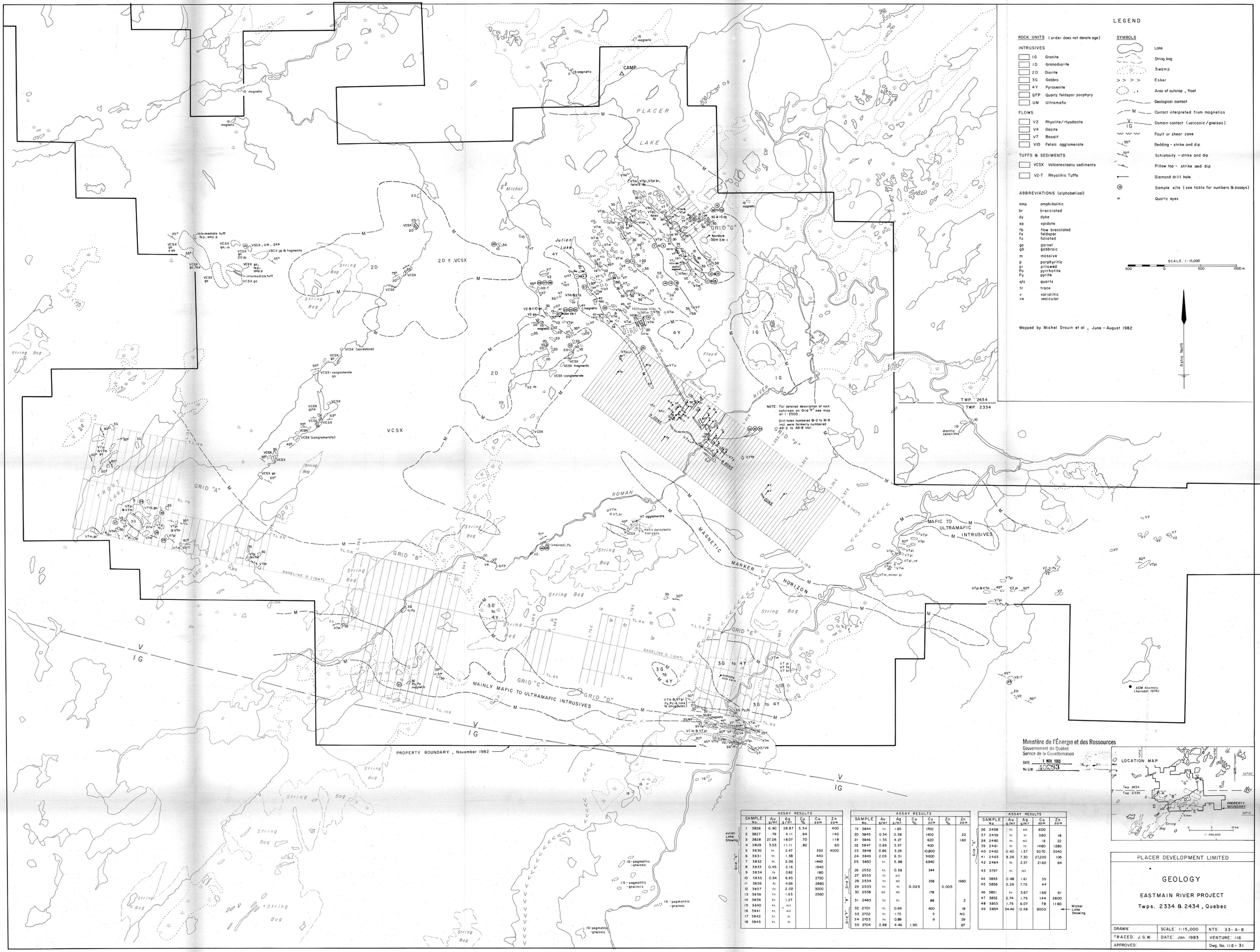
looking Grid West

0 25 50 75 100 125
METERS

PLACER DEVELOPMENT LIMITED

DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 4+50E
DATE 83/01/18	NO NTS 33-A-8 V116 Dwg. No. 116-39

3.1175+1



LEGEND

ROCK UNITS (order does not denote age)

INTRUSIVES

- IG Granite
- ID Granodiorite
- 2D Diorite
- 3G Gabbro
- 4Y Pyroxenite
- QFP Quartz feldspar porphyry
- UM Ultramafic

FLOWS

- V2 Rhyolite/rhyodacite
- V4 Dacite
- V7 Basalt
- V10 Felsic agglomerate

TUFFS & SEDIMENTS

- VCSX Volcanoclastic sediments
- V2-T Rhyolitic Tuffs

ABBREVIATIONS (alphabetical)

amp	amphibolitic
br	brecciated
dy	dyke
ep	epidote
fb	flow brecciated
fs	feldspar
fo	foliated
ga	garnet
gb	gabbroic
m	massive
p	porphyritic
pl	pillowed
Po	pyrrhotite
Py	pyrite
qtz	quartz
tr	trace
v	variolitic
ve	vesicular

SYMBOLS

- Lake
- String bog
- Swamp
- Esker
- Area of outcrop , float
- Geological contact
- Contact interpreted from magnetics
- Domain contact (volcanic/gneissic)
- Fault or shear zone
- 55° Bedding – strike and dip
- 70° Schistosity – strike and dip
- Pillow top – strike and dip
- Diamond drill hole
- Sample site (see table for numbers & assays)
- Quartz eyes

SCALE: 1:15,000
500 0 500 1000 m

Mapped by Michel Drouin et al , June – August 1982

NOTE: For detailed description of rock outcrops on Grid "F" see map at 1:2500
Drill holes numbered BI-2 to BI-8 incl. were formerly numbered A9-2 to A9-8 incl.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Gouinformation
DATE 1 NOV. 1983
No G.M. 40293

LOCATION MAP
Twp. 2434
Twp. 2334
PROPERTY BOUNDARY
Esker
String Bog
0 5 10 km
1 : 250,000

ASSAY RESULTS

SAMPLE No.	Au g/mt	Ag g/mt	Cu %	Cu ppm	Zn ppm	
1	3826	6.90	28.87	3.34		400	Julian Lake Showing
2	3827	.79	4.11	.64		140	
3	3828	27.26	18.07	.70		118	
4	3829	3.53	11.11	.82		60	
5	3830	tr.	2.47		392	4000	
6	3831	tr.	1.58		440		
7	3832	tr.	2.06		1440		
8	3833	0.45	2.16		1940		
9	3834	tr.	0.62		180		
10	3835	0.34	6.93		2720		
11	3836	tr.	4.69		2880		
12	3837	tr.	2.02		3000		
13	3838	tr.	1.63		2560		
14	3839	tr.	1.27				
15	3840	tr.	nil				
16	3841	tr.	nil				
17	3842	tr.	tr.				
18	3843	tr.	tr.				

ASSAY RESULTS

SAMPLE No.	Au g/mt	Ag g/mt	Cu %	Cu ppm	Zn %	Zn ppm	
19	3844	tr.	1.65		1700		
20	3845	0.34	0.38		1400	22	
21	3846	1.33	4.27		620	160	
22	3847	0.69	3.57		400		
23	3848	0.86	3.29		10,800		
24	3849	2.09	6.51		9600		
25	3850	tr.	5.88		6840		
26	2532	tr.	0.38		344		Grid "A"
27	2533	tr.	nil				
28	2534	tr.	nil		358	1960	
29	2535	tr.	tr.	0.025		0.005	Grid "B"
30	2536	nil	nil		178		
31	2465	tr.	tr.		88	2	Grid "F"
32	2701	tr.	0.69		400	18	
33	2702	tr.	1.75		3	ND	
34	2703	tr.	0.89		9	29	
35	2704	2.88	4.46	1.90		67	

ASSAY RESULTS

SAMPLE No.	Au g/mt	Ag g/mt	Cu %	Cu ppm	Zn ppm	
36	2458	tr.	nil	600		Grid "G"
37	2459	tr.	tr.	380	18	
38	2460	tr.	nil	18	22	
39	2461	tr.	tr.	1480	1280	
40	2462	0.40	1.37	5070	3540	
41	2463	8.26	7.30	27,200	106	
42	2464	tr.	2.37	2160	64	
43	3797	tr.	nil			
44	3855	0.48	1.61	35		
45	3856	2.26	7.75	44		
46	3851	tr.	3.67	166	61	
47	3852	2.74	1.75	144	2600	
48	3853	1.75	6.07	78	1180	
49	3854	34.46	12.48	8000		Michel Lake Showing

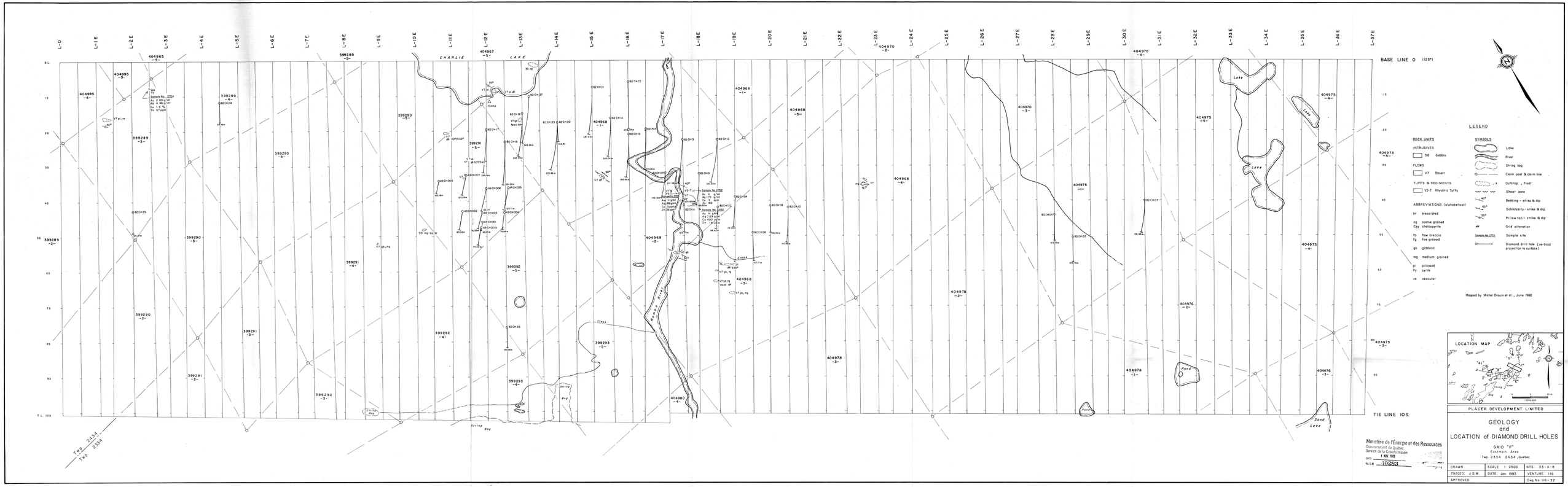
PLACER DEVELOPMENT LIMITED

GEOLOGY

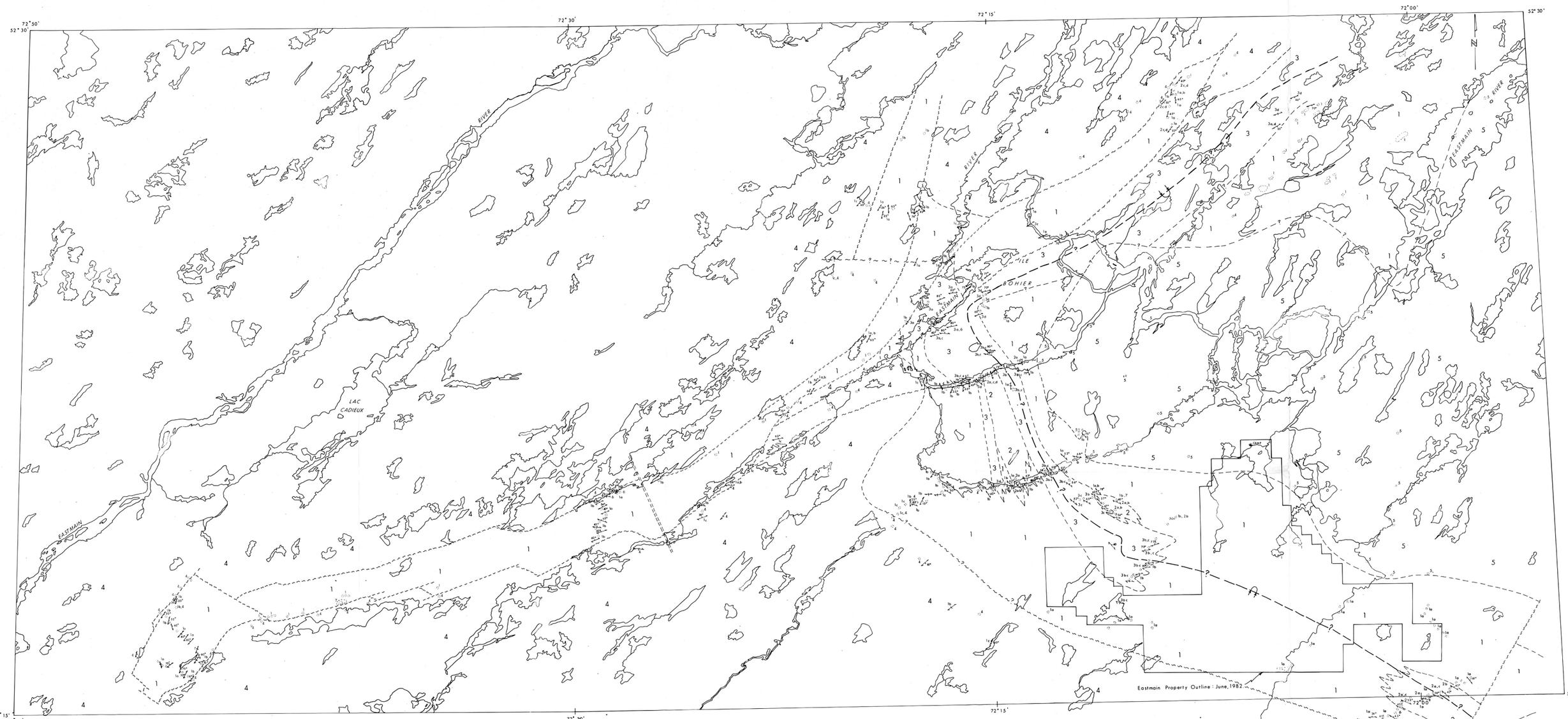
EASTMAIN RIVER PROJECT

Twps. 2334 & 2434, Quebec

DRAWN:	SCALE: 1:15,000	NTS: 33-A-8
TRACED: J.G.W.	DATE: Jan. 1983	VENTURE: 116
APPROVED:		Dwg. No. 116-31



CHARLIE LAKE
BASE LINE 0 (125°)
TIE LINE 10S
Twp. 2434
Twp. 2334
LEGEND
ROCK UNITS
INTRUSIVES
3G Gabbro
FLOWS
V7 Basalt
TUFFS & SEDIMENTS
V2-T Rhyolitic Tuffs
ABBREVIATIONS (alphabetical)
br brecciated
cg coarse grained
Cpy chalcopyrite
fb flow breccia
fg fine grained
gb gabbroic
mg medium grained
pi pillowed
Py pyrite
ve vesicular
SYMBOLS
Lake
River
String bog
Claim post & claim line
Outcrop , float
Shear zone
Bedding - strike & dip
Schistosity - strike & dip
Pillow top - strike & dip
Grid alteration
Sample site
Diamond drill hole (vertical projection to surface)
Mapped by Michel Drouin et al , June 1982
LOCATION MAP
PLACER DEVELOPMENT LIMITED
GEOLOGY
and
LOCATION of DIAMOND DRILL HOLES
GRID "F"
Eastmain Area
Twp. 2334 2434, Quebec
DRAWN:
SCALE 1:2500
NTS: 33-A-8
TRACED: J.G.W.
DATE: Jan. 1983
VENTURE: 116
APPROVED:
Dwg. No. 116-32
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Coordonnation
DATE 1 NOV 1983
No. C.M. 10283



Eastmain Geological Reconnaissance

Legend

Proterozoic (?)

+ Ultramafic rocks : (Serpentinized & Carbonitized)

Archean

6 Gabbroic Rock (includes diabase & coarse basalt)

5 Granitic Rocks (Central Intrusion)

4 Granite gneiss & granite pegmatite (includes xenoliths of mafic schist)

3 Metasedimentary Rocks
- a - conglomerate
- b - coarse arenaceous *
- c - fine arenaceous *
- d - argillaceous

2 Metavolcanic Rocks : Acid - intermediate
- a - undifferentiated flows & pyroclastics
- b - rhyolite flows
- c - felsic tuffs
- d - chert bands & sulphide iron formations.

1 Metavolcanic Rocks : Mafic
- a - massive and/or pillowed basalt
- b - sheared and/or schistose basalt
- c - schistose metabasalt with 30-40% granitic material

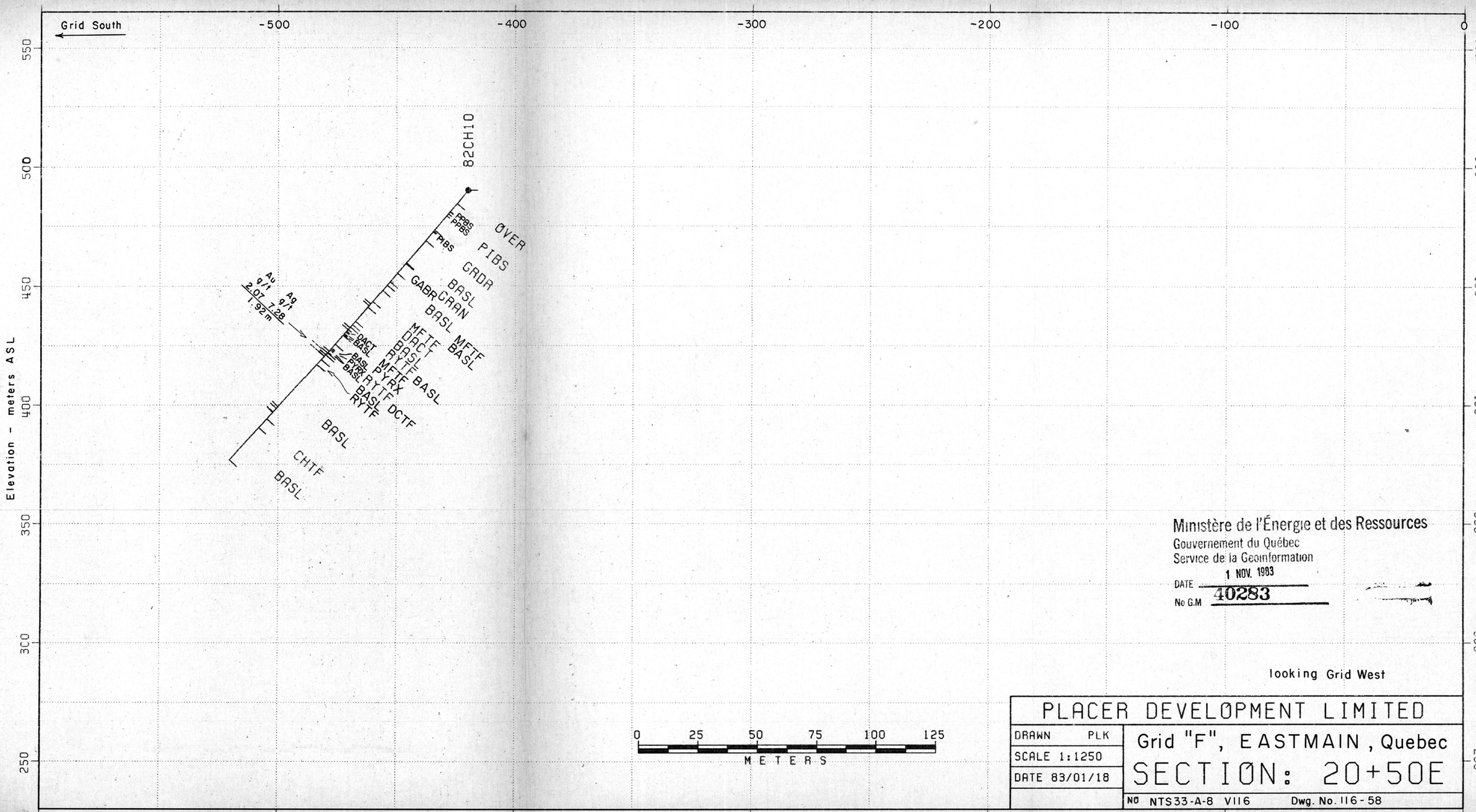
* - May include elements of Unit 2

- Geological contact : inferred
- Fault : inferred
- Synformal fold axis : inferred
- Foliation : direction & dip

PROTEROZOIC SEDIMENT

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Gestion minière
DATE 40283

DRAWN : RHP, M&G	SCALE : 1:50 000	PLACER DEVELOPMENT LIMITED	Regional Geology
DRAFTING : A. K.	DATE : AUG, 1982	EASTMAIN, QUEBEC	
APPROVED :	REVISED :		FILE REF - No. : NTS 33-A-8 V116 Dwg. No. 116-68



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service de la Géoinformation
DATE 1 NOV. 1983
No G.M 40283

looking Grid West

0 25 50 75 100 125
METERS

PLACER DEVELOPMENT LIMITED	
DRAWN PLK	Grid "F", EASTMAIN, Quebec
SCALE 1:1250	SECTION: 20+50E
DATE 83/01/18	
	NO NTS33-A-8 V116 Dwg. No. 116-58

3.175+1