

LYSANDER GOLD CORPORATION

SOIL, TALUS FINES AND SEEPAGE GEOCHEMISTRY OF THE
JAJAY PROJECT
NTS 94N 13/14
GERMANSEN LANDING AREA, BRITISH COLUMBIA

by

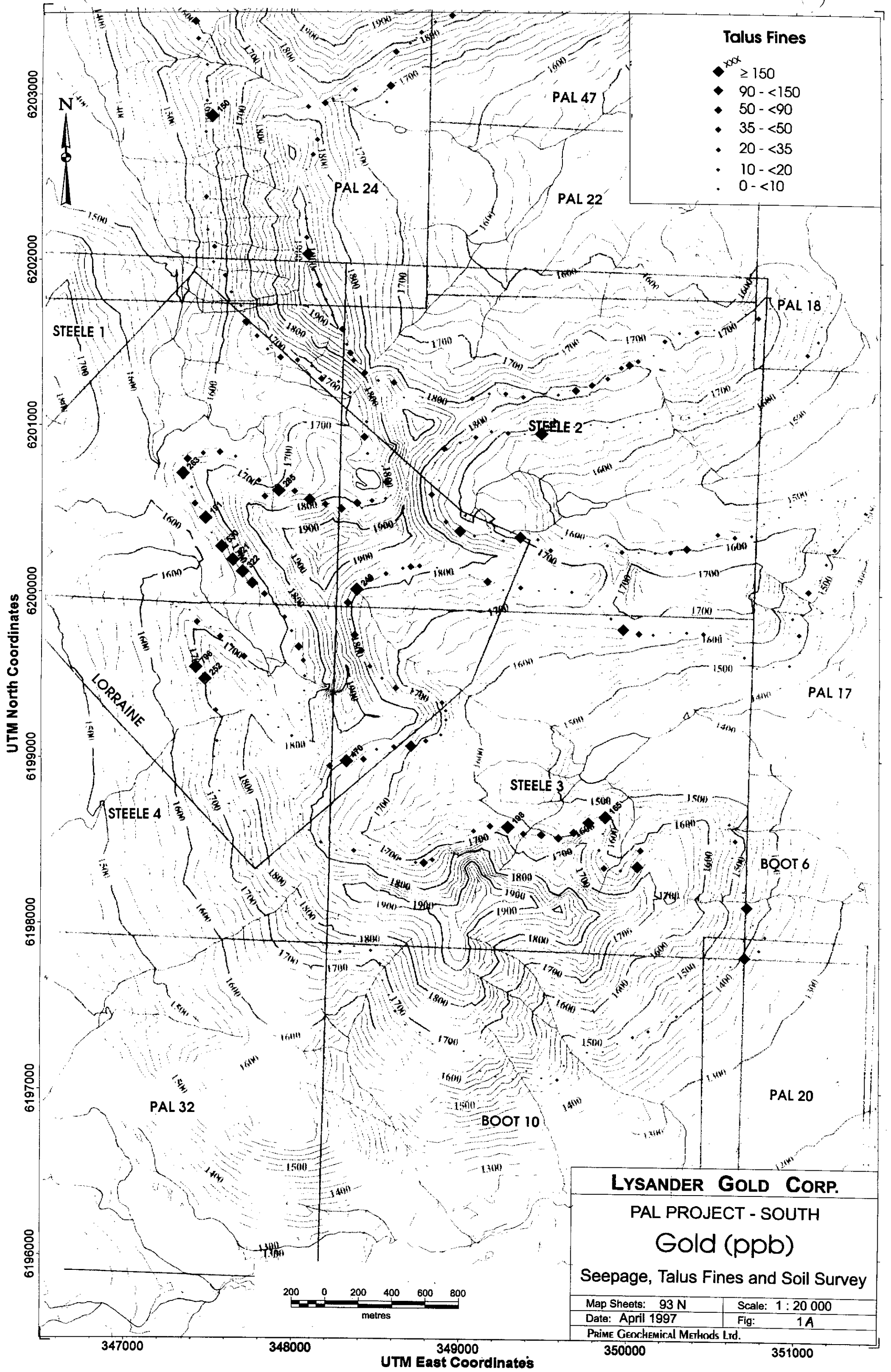
John Gravel, M.Sc., P.Geo.
Prime Geochemical Methods Ltd.

July, 1997

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,088

25088
PART 2 of 2



Talus Fines

- ◆ xxx ≥ 150
- ◆ 90 - <150
- ◆ 50 - <90
- ◆ 35 - <50
- 20 - <35
- 10 - <20
- 0 - <10

UTM North Coordinates

6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

347000

348000

349000

350000

351000

UTM East Coordinates

LYSANDER GOLD CORP.

PAL PROJECT - SOUTH

Gold (ppb)

Seepage, Talus Fines and Soil Survey

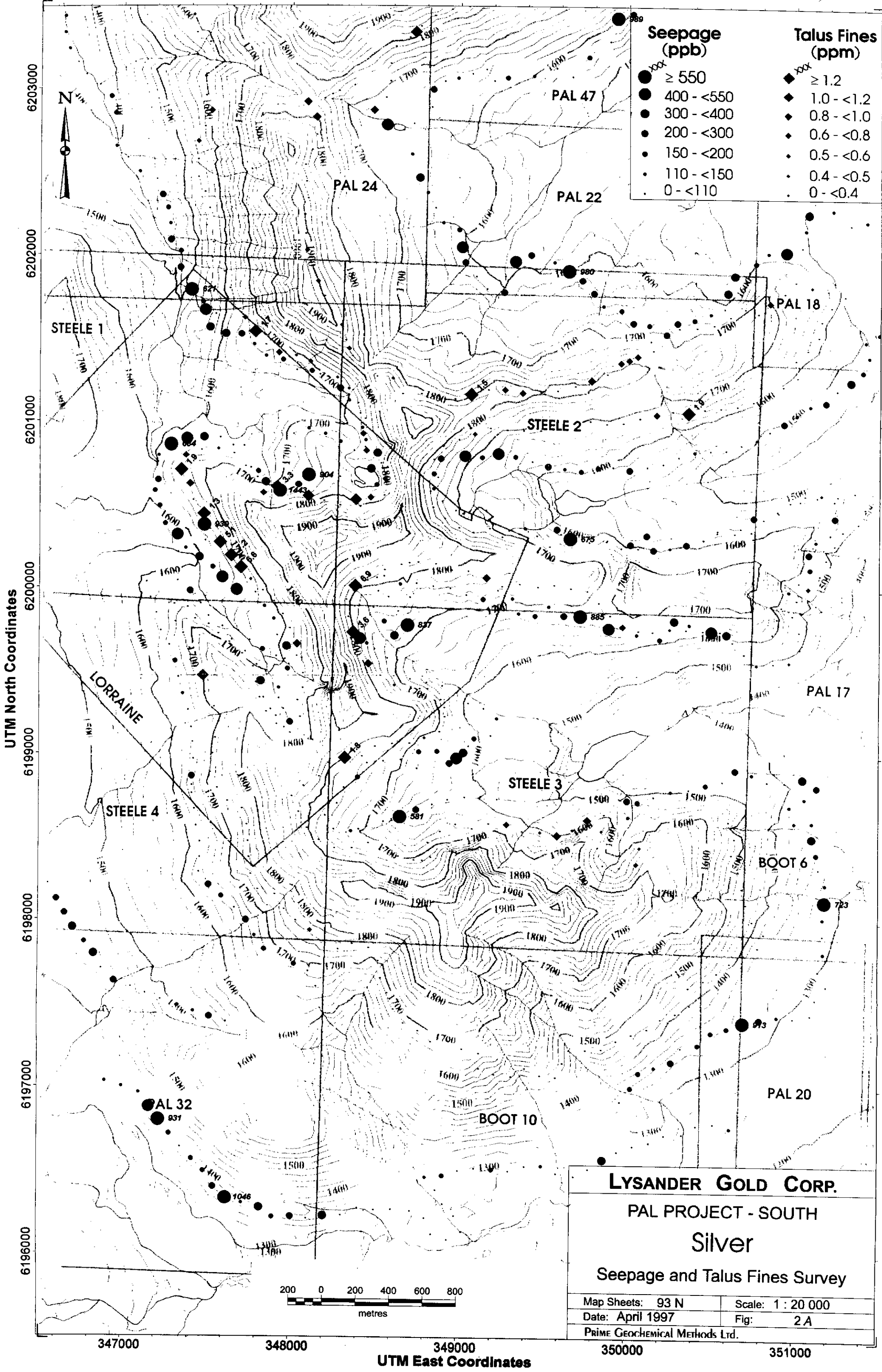
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 1A

PRIME GEOCHEMICAL METHODS LTD.



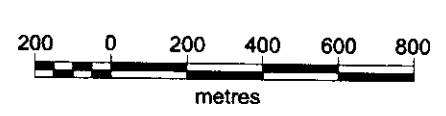
Seepage (ppb)	Talus Fines (ppm)
● ^{xxx} ≥ 550	◆ ^{xxx} ≥ 1.2
● 400 - <450	◆ 1.0 - <1.2
● 300 - <400	◆ 0.8 - <1.0
● 200 - <300	◆ 0.6 - <0.8
● 150 - <200	◆ 0.5 - <0.6
● 110 - <150	◆ 0.4 - <0.5
● 0 - <110	◆ 0 - <0.4

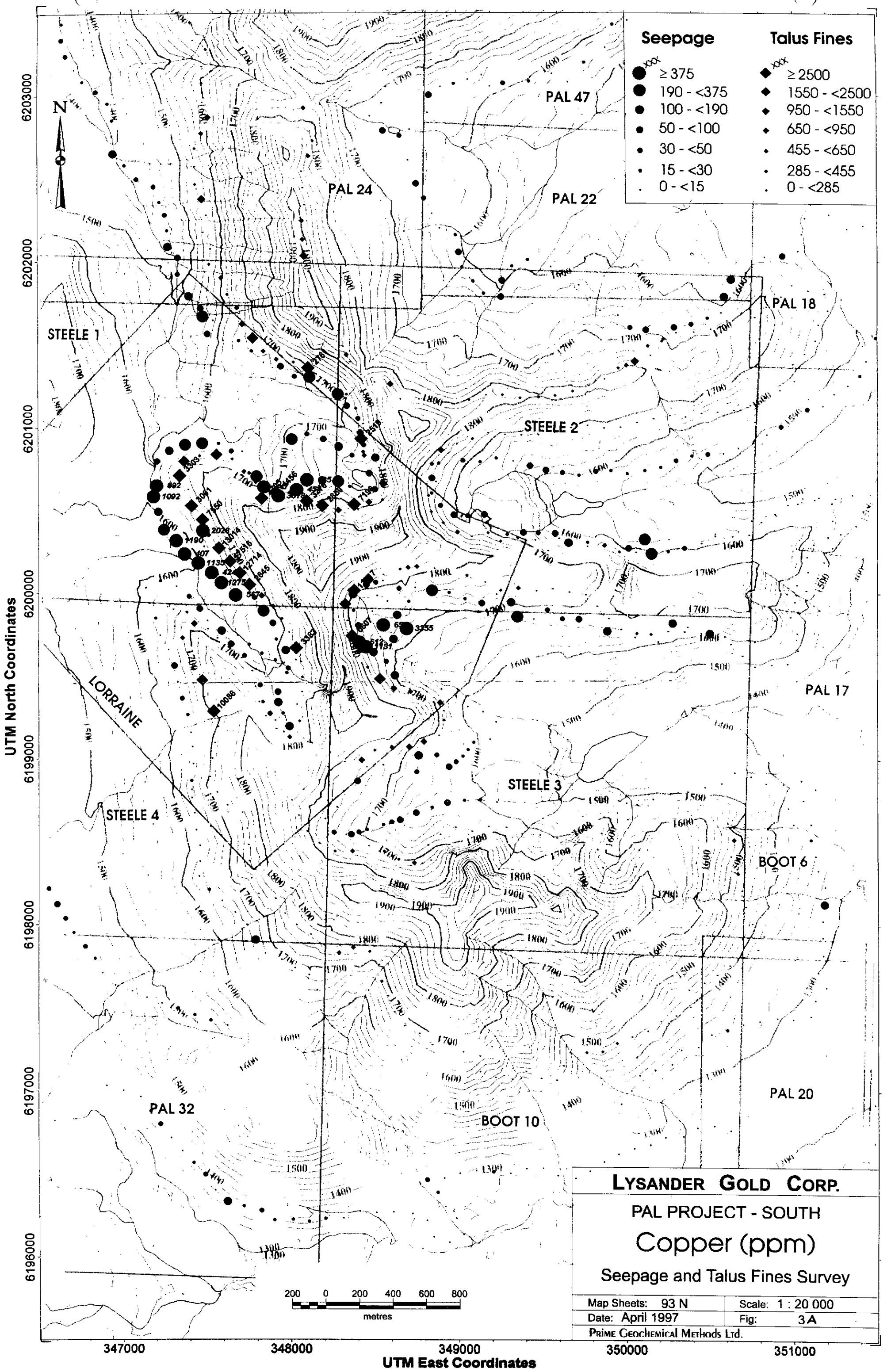
UTM North Coordinates

UTM East Coordinates

LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Silver
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 2 A
PRIME GEOCHEMICAL METHODS LTD.	





Seepage		Talus Fines	
●	≥ 375	◆	≥ 2500
●	190 - <375	◆	1550 - <2500
●	100 - <190	◆	950 - <1550
●	50 - <100	◆	650 - <950
●	30 - <50	◆	455 - <650
●	15 - <30	◆	285 - <455
●	0 - <15	◆	0 - <285

UTM North Coordinates

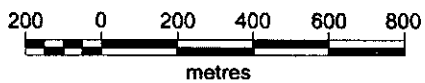
6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

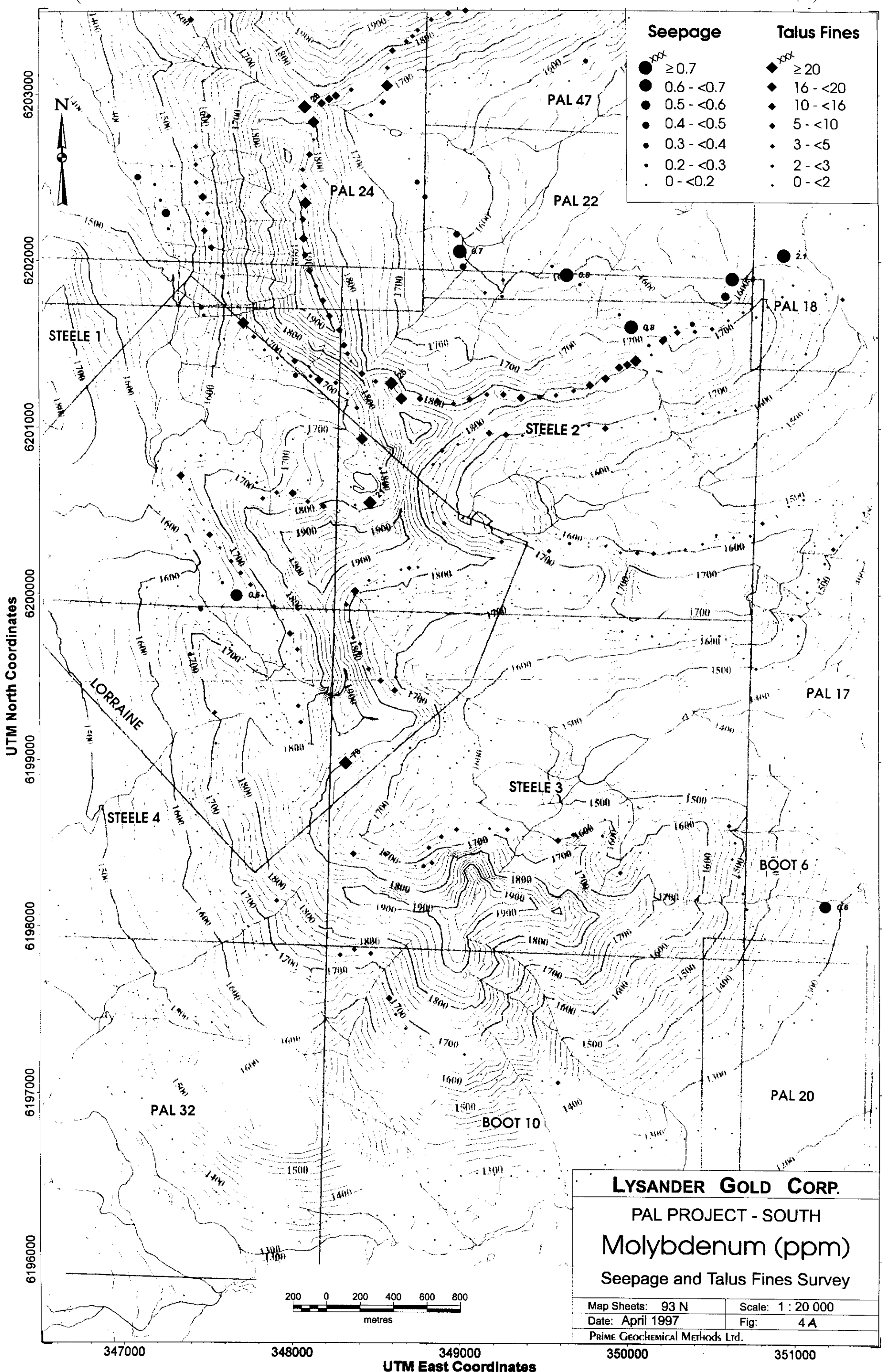
347000 348000 349000 350000 351000

UTM East Coordinates

LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Copper (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 3A
PRIME GEOCHEMICAL METHODS LTD.	





Seepage		Talus Fines	
● ^{xxx}	≥ 0.7	◆ ^{xxx}	≥ 20
●	0.6 - <0.7	◆	16 - <20
●	0.5 - <0.6	◆	10 - <16
●	0.4 - <0.5	◆	5 - <10
●	0.3 - <0.4	◆	3 - <5
●	0.2 - <0.3	◆	2 - <3
●	0 - <0.2	◆	0 - <2

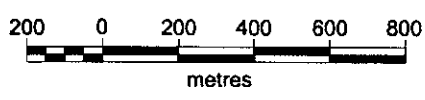
UTM North Coordinates

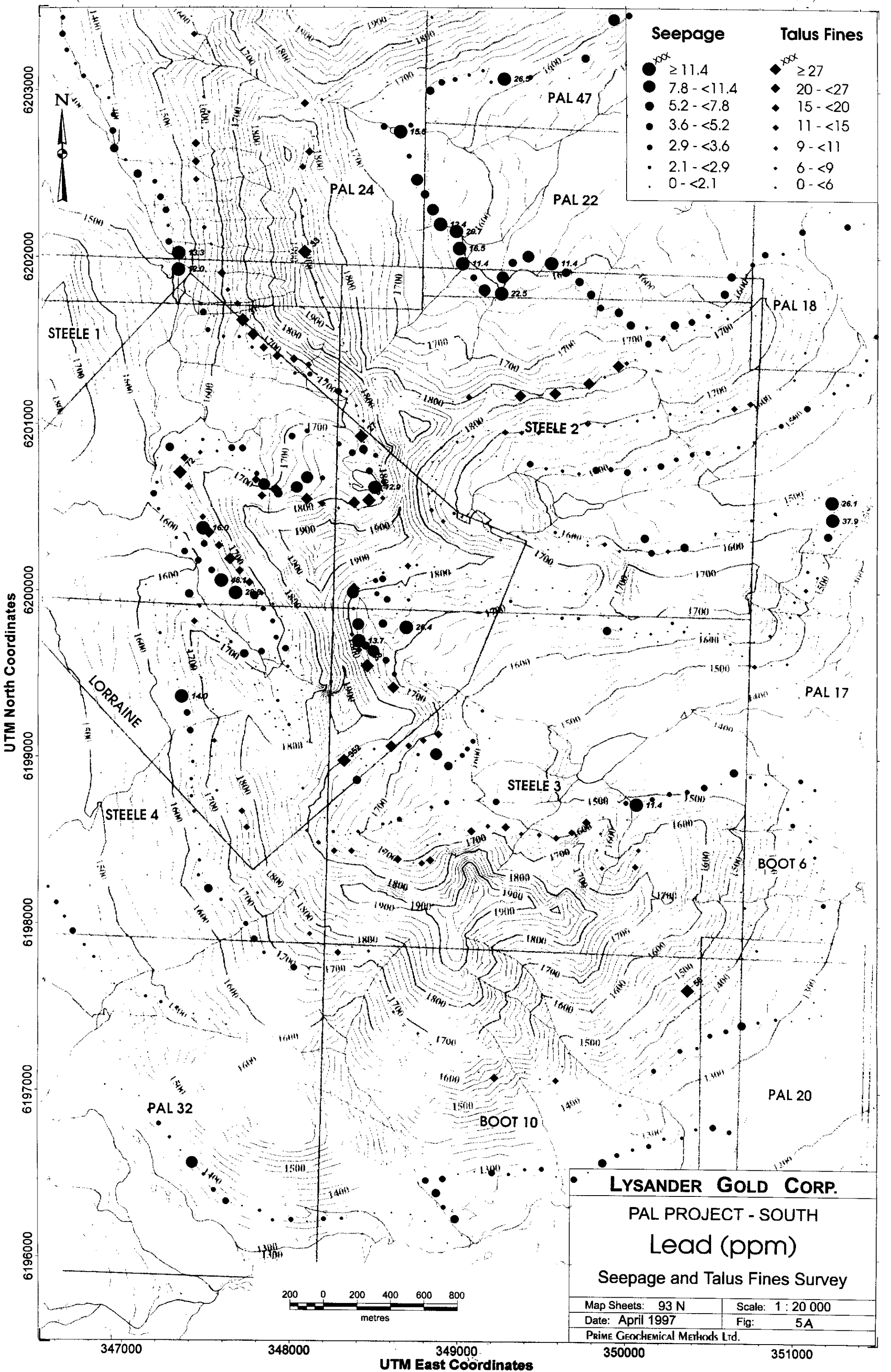
6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

347000 348000 349000 350000 351000
UTM East Coordinates

LYSANDER GOLD CORP.
 PAL PROJECT - SOUTH
 Molybdenum (ppm)
 Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 4 A
PRIME GEOCHEMICAL METHODS LTD.	





Seepage	Talus Fines
● ^{xxx} ≥ 11.4	◆ ^{xxx} ≥ 27
● 7.8 - <11.4	◆ 20 - <27
● 5.2 - <7.8	◆ 15 - <20
● 3.6 - <5.2	◆ 11 - <15
● 2.9 - <3.6	● 9 - <11
● 2.1 - <2.9	● 6 - <9
● 0 - <2.1	● 0 - <6

UTM North Coordinates

6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

347000

348000

349000

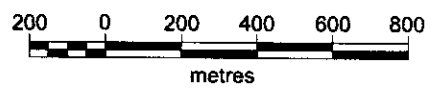
350000

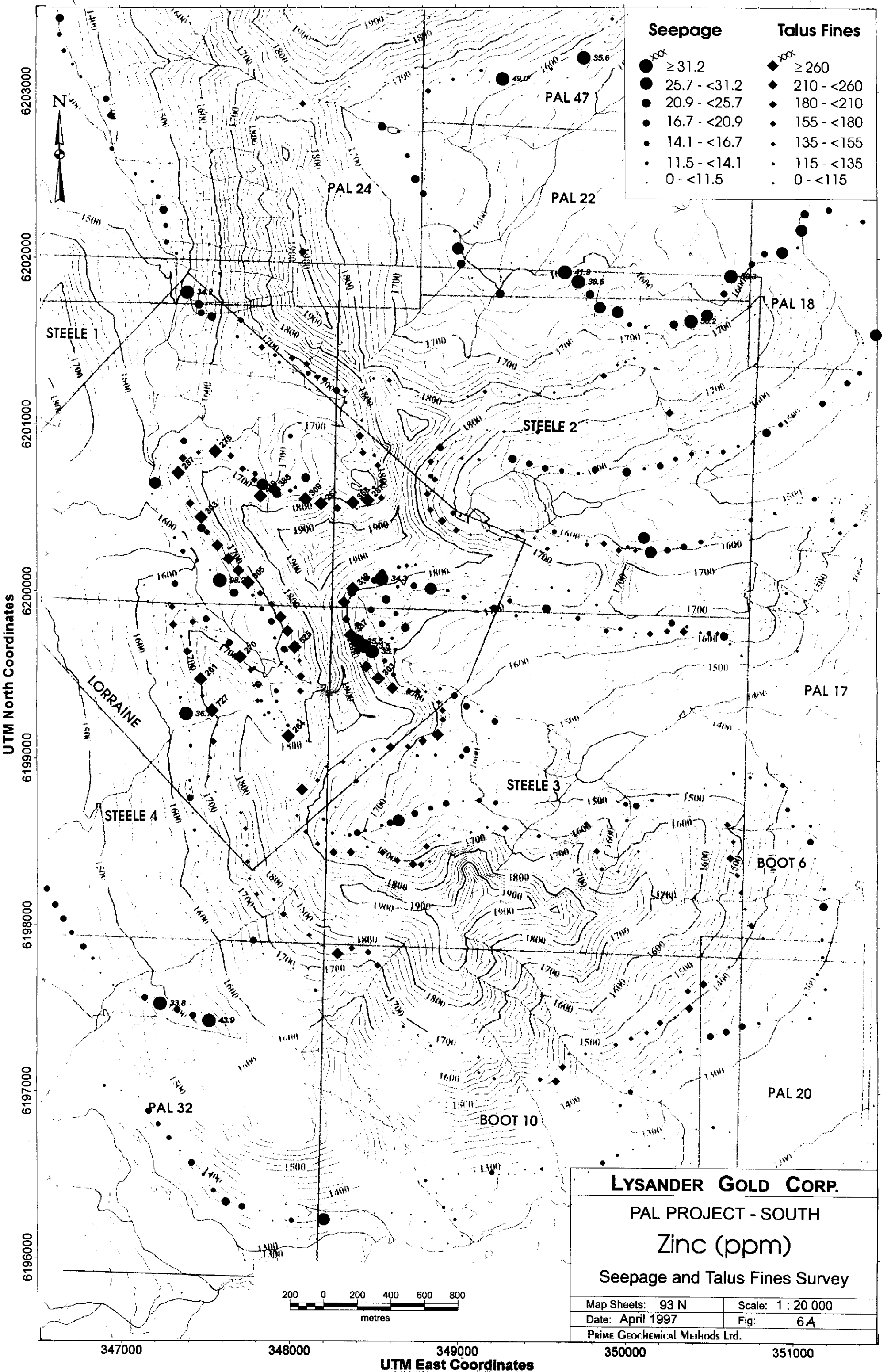
351000

UTM East Coordinates

LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Lead (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 5A
PRIME GEOCHEMICAL METHODS LTD.	

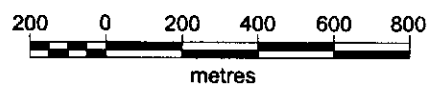




Seepage	Talus Fines
● ^{xxx} ≥ 31.2	◆ ^{xxx} ≥ 260
● 25.7 - <31.2	◆ 210 - <260
● 20.9 - <25.7	◆ 180 - <210
● 16.7 - <20.9	◆ 155 - <180
● 14.1 - <16.7	◆ 135 - <155
● 11.5 - <14.1	◆ 115 - <135
● 0 - <11.5	◆ 0 - <115

LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Zinc (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 6A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates

UTM North Coordinates

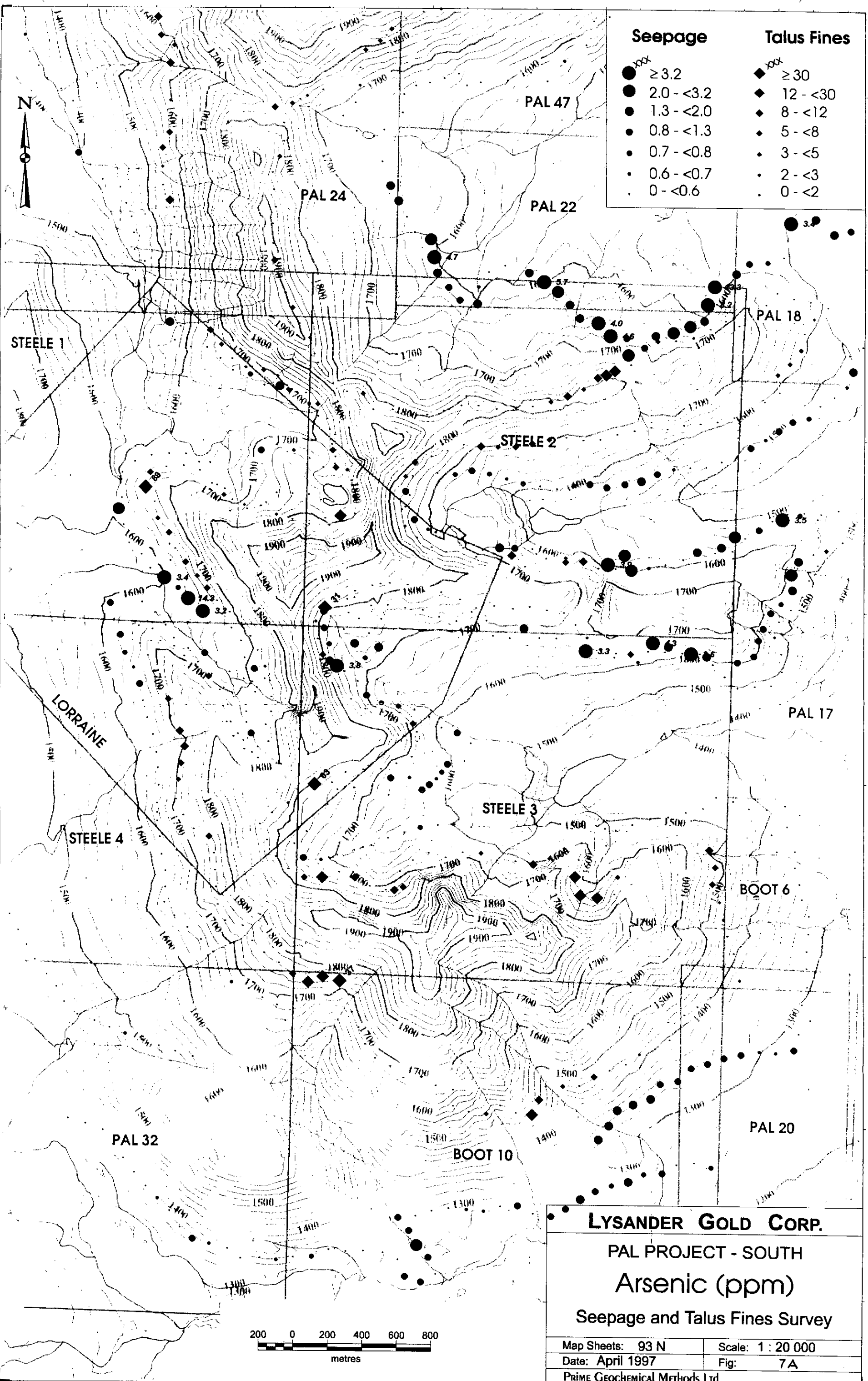
6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

Seepage

- ^{xxx} ≥ 3.2
- 2.0 - <3.2
- 1.3 - <2.0
- 0.8 - <1.3
- 0.7 - <0.8
- 0.6 - <0.7
- 0 - <0.6

Talus Fines

- ◆ ^{xxx} ≥ 30
- ◆ 12 - <30
- ◆ 8 - <12
- ◆ 5 - <8
- ◆ 3 - <5
- ◆ 2 - <3
- ◆ 0 - <2



LYSANDER GOLD CORP.

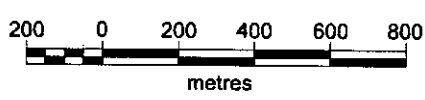
PAL PROJECT - SOUTH

Arsenic (ppm)

Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 7A

PRIME GEOCHEMICAL METHODS LTD.



347000 348000 349000 350000 351000

UTM East Coordinates

UTM North Coordinates

6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

347000

348000

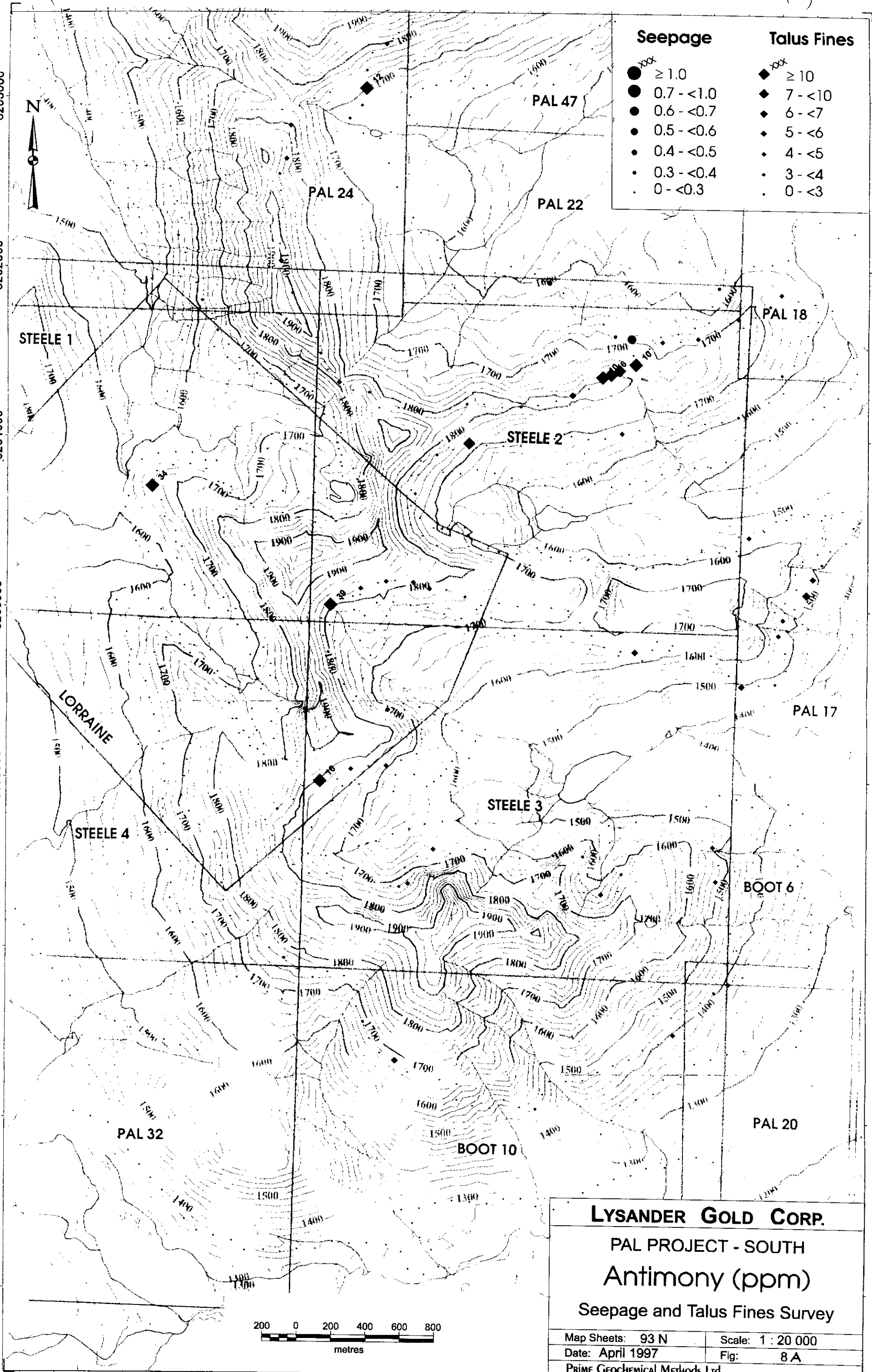
349000

350000

351000

UTM East Coordinates

Seepage		Talus Fines	
● ^{xxx} ≥ 1.0	● 0.7 - <1.0	◆ ^{xxx} ≥ 10	◆ 7 - <10
● 0.6 - <0.7	● 0.5 - <0.6	◆ 6 - <7	◆ 5 - <6
● 0.4 - <0.5	● 0.3 - <0.4	◆ 4 - <5	◆ 3 - <4
● 0 - <0.3		◆ 0 - <3	



LYSANDER GOLD CORP.

PAL PROJECT - SOUTH
Antimony (ppm)

Seepage and Talus Fines Survey

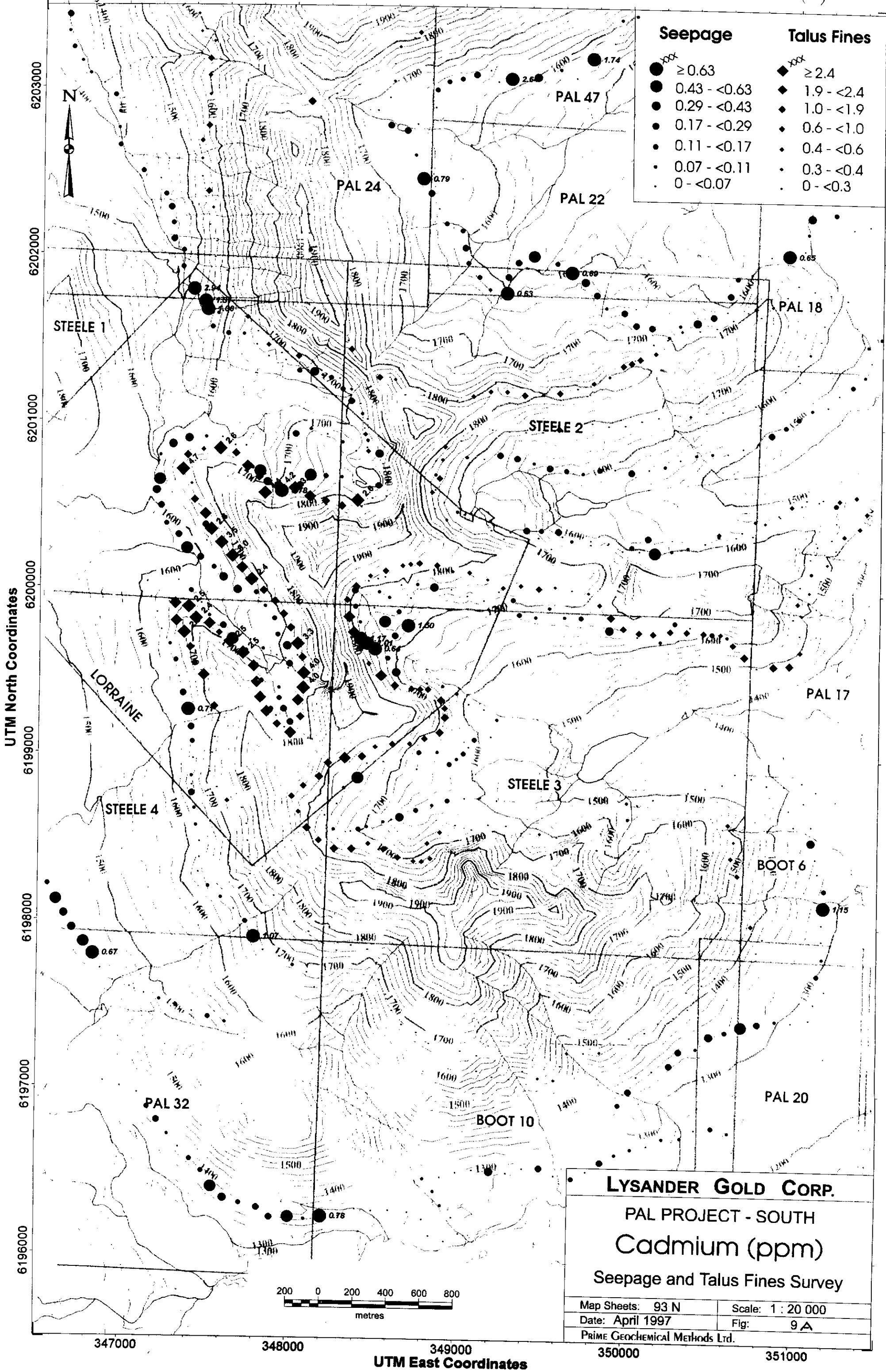
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 8 A

PRIME GEOCHEMICAL METHODS LTD.



Seepage

Talus Fines

- xxx ≥ 0.63
- 0.43 - <0.63
- 0.29 - <0.43
- 0.17 - <0.29
- 0.11 - <0.17
- 0.07 - <0.11
- 0 - <0.07

- ◆ xxx ≥ 2.4
- ◆ 1.9 - <2.4
- ◆ 1.0 - <1.9
- ◆ 0.6 - <1.0
- ◆ 0.4 - <0.6
- ◆ 0.3 - <0.4
- ◆ 0 - <0.3

UTM North Coordinates

UTM East Coordinates

LYSANDER GOLD CORP.

PAL PROJECT - SOUTH
Cadmium (ppm)

Seepage and Talus Fines Survey

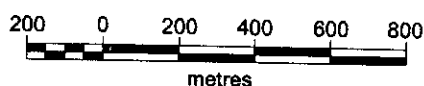
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

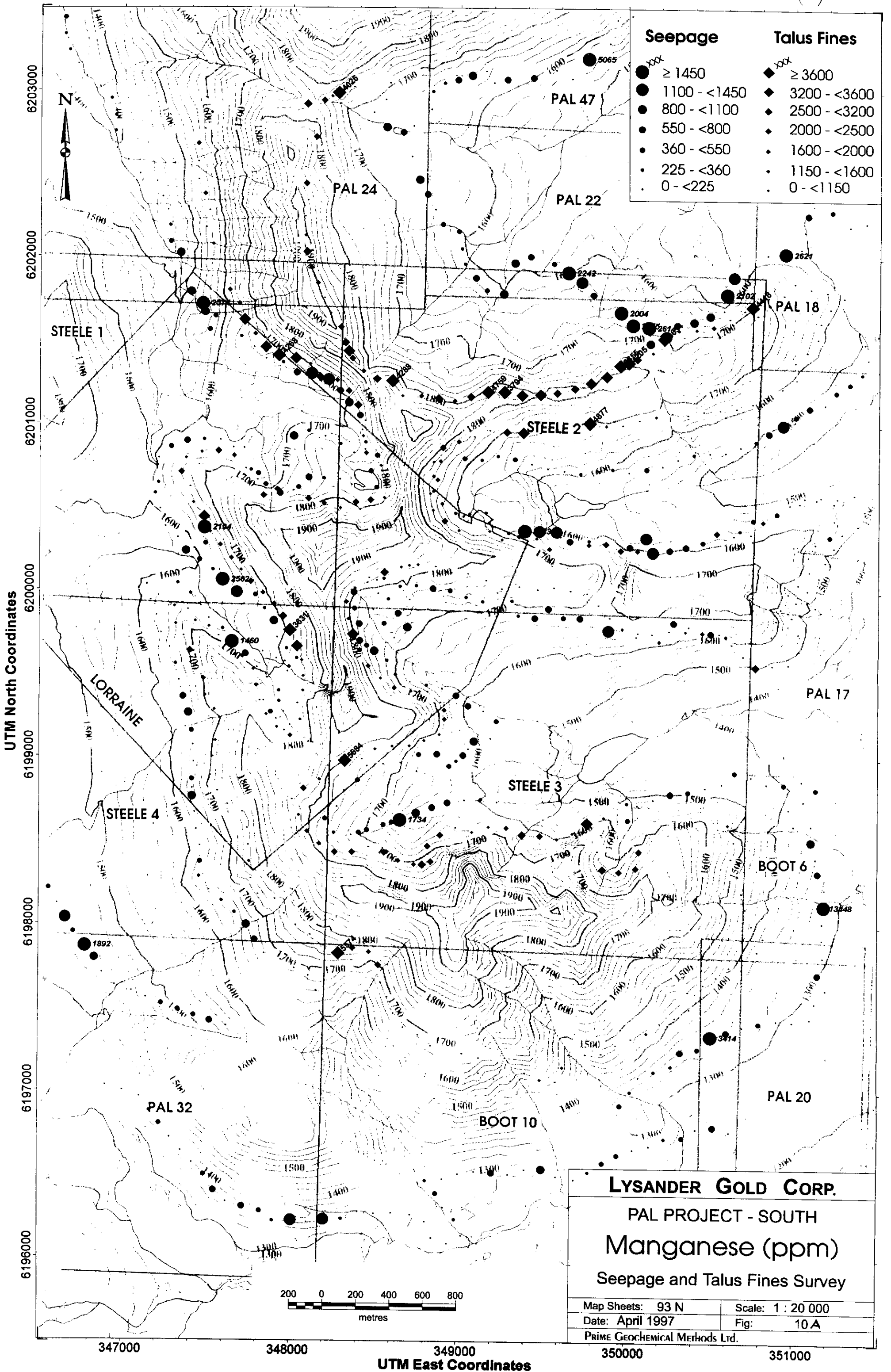
Fig: 9 A

PRIME GEOCHEMICAL METHODS LTD.



6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

347000 348000 349000 350000 351000



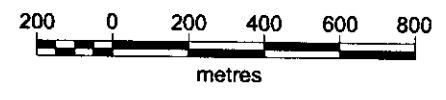
Seepage		Talus Fines	
●	≥ 1450	◆	≥ 3600
●	1100 - <1450	◆	3200 - <3600
●	800 - <1100	◆	2500 - <3200
●	550 - <800	◆	2000 - <2500
●	360 - <550	◆	1600 - <2000
●	225 - <360	◆	1150 - <1600
●	0 - <225	◆	0 - <1150

LYSANDER GOLD CORP.

PAL PROJECT - SOUTH
Manganese (ppm)

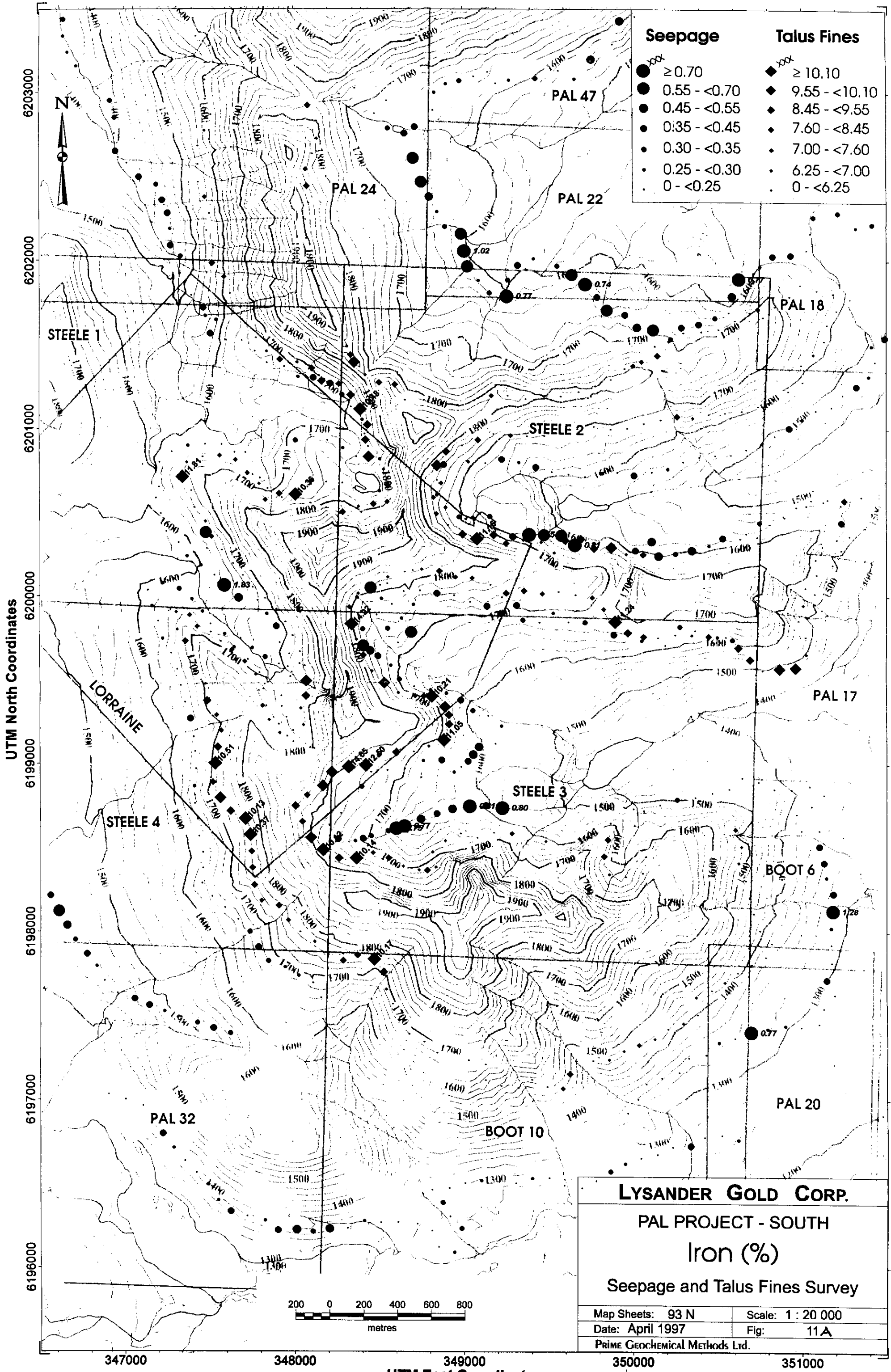
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 10 A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates



Seepage		Talus Fines	
●	≥ 0.70	◆	≥ 10.10
●	0.55 - <0.70	◆	9.55 - <10.10
●	0.45 - <0.55	◆	8.45 - <9.55
●	0.35 - <0.45	◆	7.60 - <8.45
●	0.30 - <0.35	◆	7.00 - <7.60
●	0.25 - <0.30	◆	6.25 - <7.00
●	0 - <0.25	◆	0 - <6.25

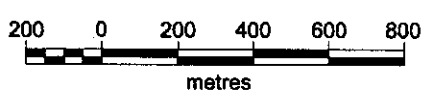
LYSANDER GOLD CORP.

PAL PROJECT - SOUTH

Iron (%)

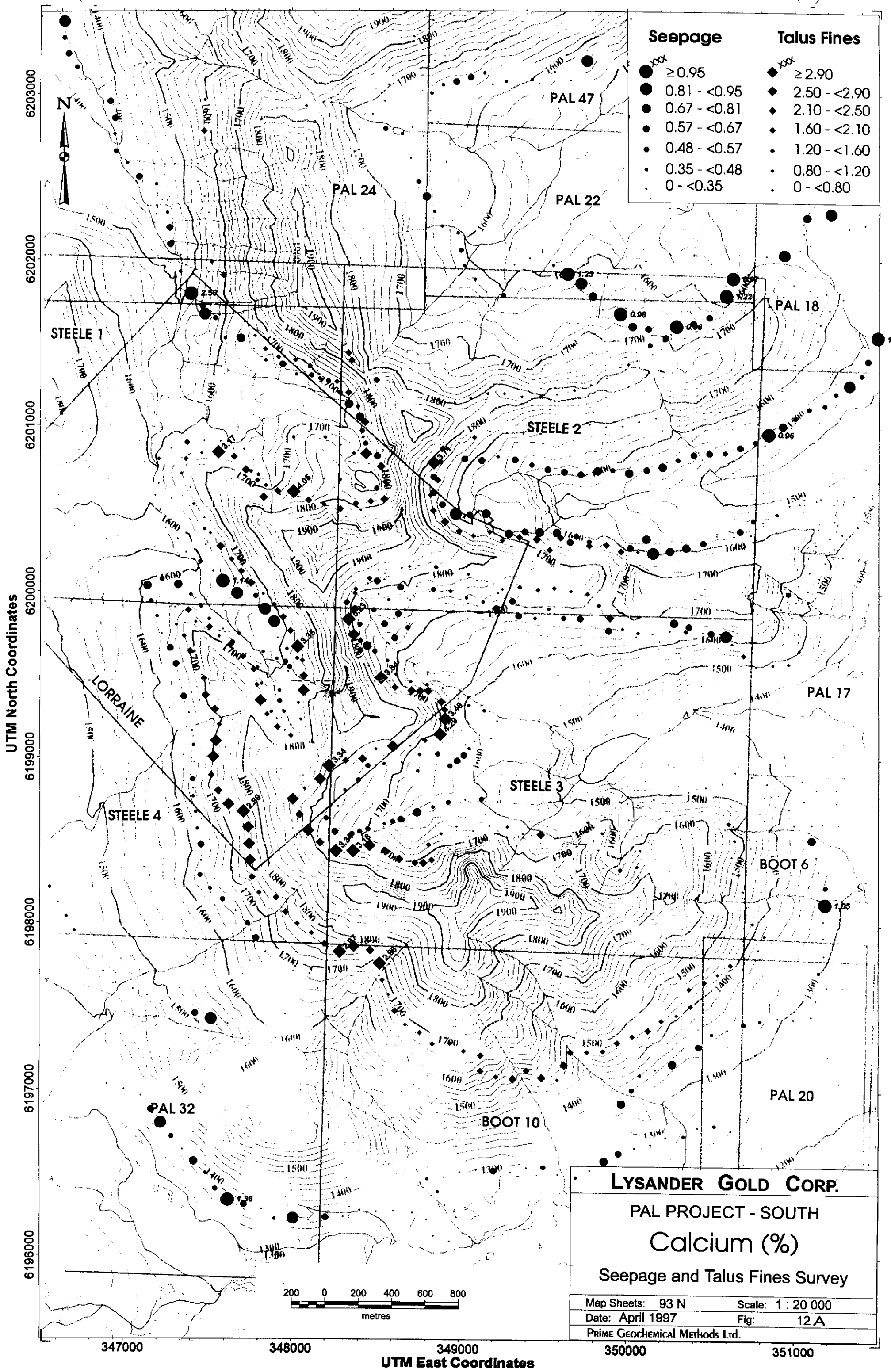
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 11A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

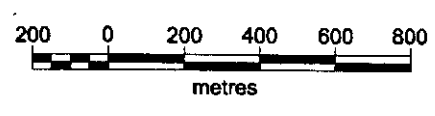
UTM East Coordinates



Seepage		Talus Fines	
● ^{xxx}	≥ 0.95	◆ ^{xxx}	≥ 2.90
●	0.81 - <0.95	◆	2.50 - <2.90
●	0.67 - <0.81	◆	2.10 - <2.50
●	0.57 - <0.67	◆	1.60 - <2.10
●	0.48 - <0.57	◆	1.20 - <1.60
●	0.35 - <0.48	◆	0.80 - <1.20
●	0 - <0.35	◆	0 - <0.80

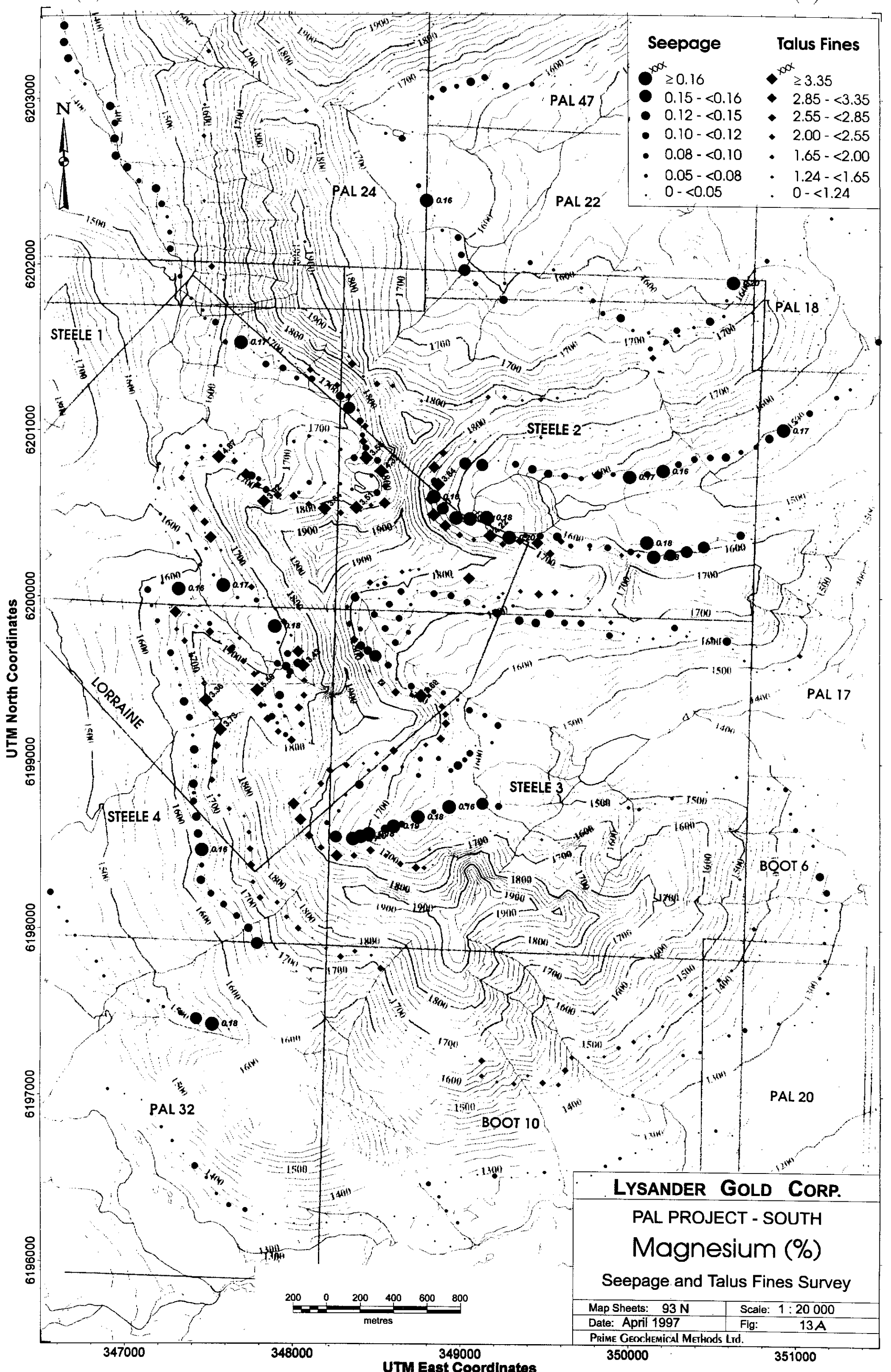
LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Calcium (%)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 12 A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates



Seepage	Talus Fines
● ^{xxx} ≥ 0.16	◆ ^{xxx} ≥ 3.35
● 0.15 - <0.16	◆ 2.85 - <3.35
● 0.12 - <0.15	◆ 2.55 - <2.85
● 0.10 - <0.12	◆ 2.00 - <2.55
● 0.08 - <0.10	◆ 1.65 - <2.00
● 0.05 - <0.08	◆ 1.24 - <1.65
● 0 - <0.05	◆ 0 - <1.24

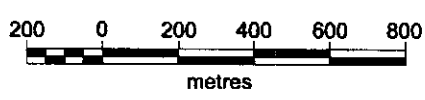
LYSANDER GOLD CORP.

PAL PROJECT - SOUTH

Magnesium (%)

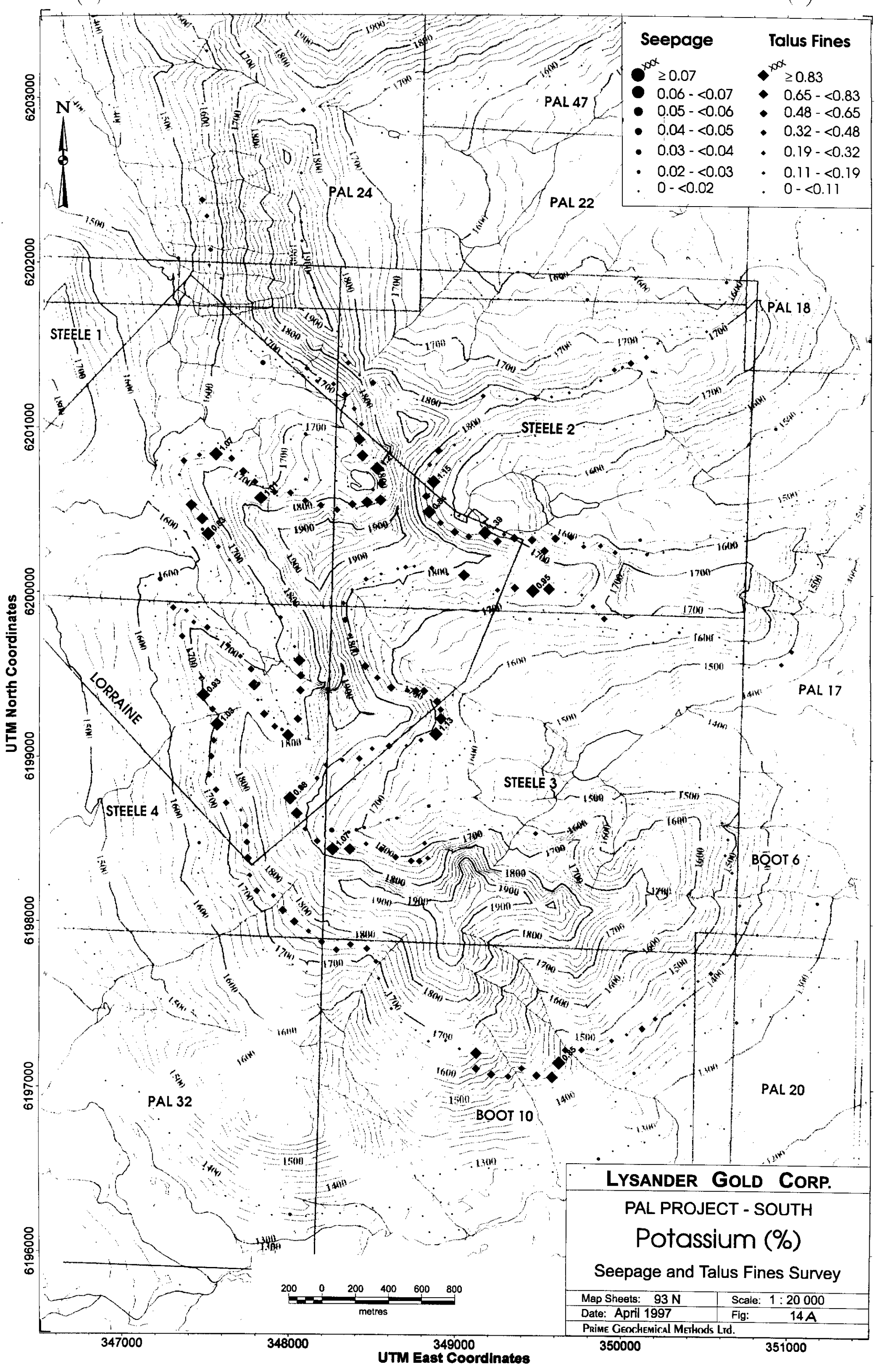
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 13A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates



Seepage	Talus Fines
● ^{xxx} ≥ 0.07	◆ ^{xxx} ≥ 0.83
● 0.06 - <0.07	◆ 0.65 - <0.83
● 0.05 - <0.06	◆ 0.48 - <0.65
● 0.04 - <0.05	◆ 0.32 - <0.48
● 0.03 - <0.04	◆ 0.19 - <0.32
● 0.02 - <0.03	◆ 0.11 - <0.19
● 0 - <0.02	◆ 0 - <0.11

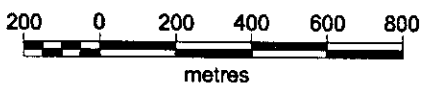
LYSANDER GOLD CORP.

PAL PROJECT - SOUTH

Potassium (%)

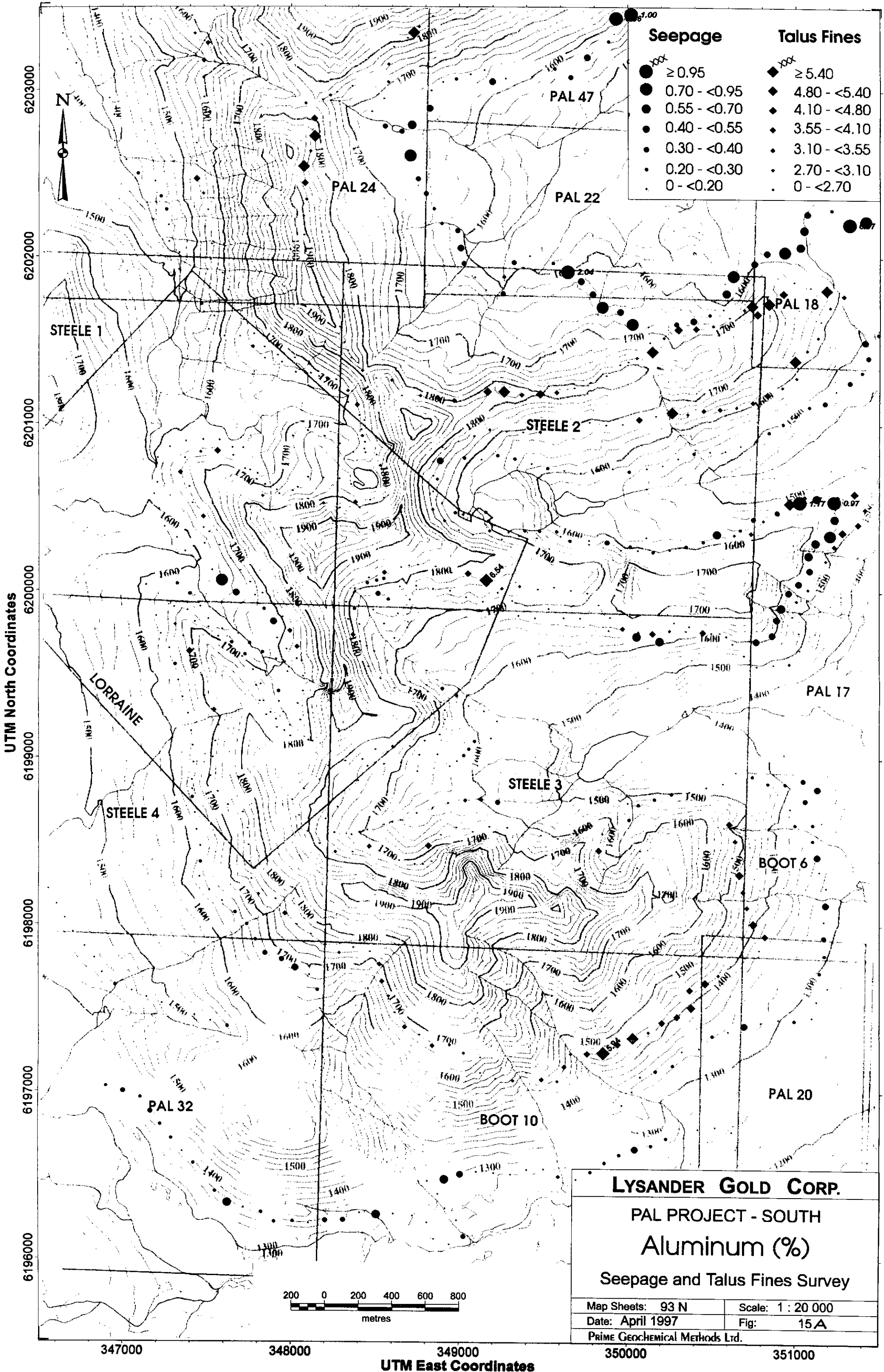
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 14 A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

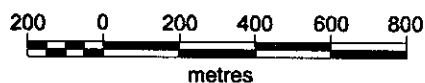
UTM East Coordinates



Seepage	Talus Fines
● ^{xxx} ≥ 0.95	◆ ^{xxx} ≥ 5.40
● 0.70 - <0.95	◆ 4.80 - <5.40
● 0.55 - <0.70	◆ 4.10 - <4.80
● 0.40 - <0.55	◆ 3.55 - <4.10
● 0.30 - <0.40	◆ 3.10 - <3.55
● 0.20 - <0.30	◆ 2.70 - <3.10
● 0 - <0.20	◆ 0 - <2.70

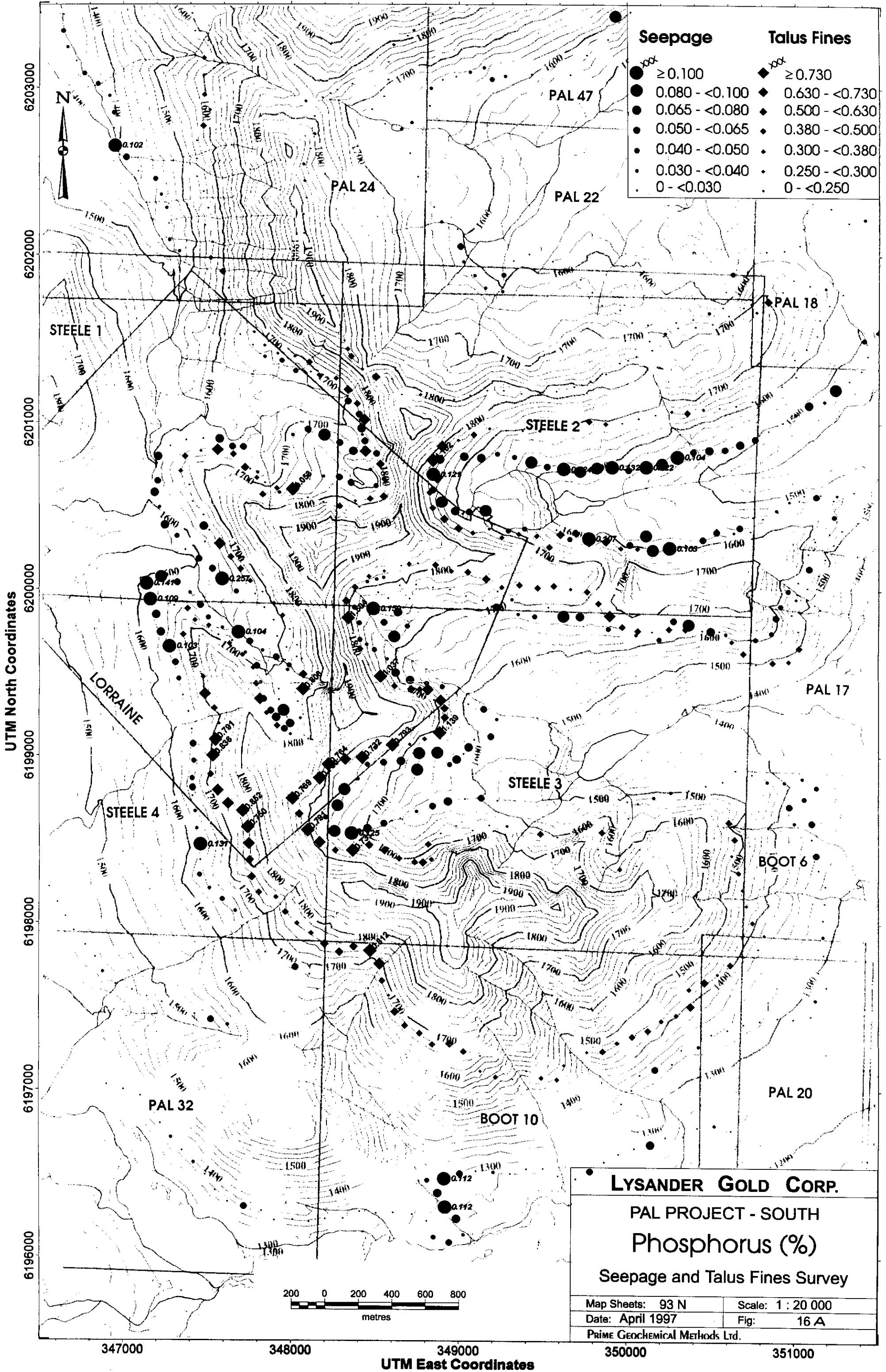
LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Aluminum (%)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 15A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates
 6203000
 6202000
 6201000
 6200000
 6199000
 6198000
 6197000
 6196000

347000 348000 349000 350000 351000
 UTM East Coordinates



Seepage		Talus Fines	
● ^{xxx}	≥ 0.100	◆ ^{xxx}	≥ 0.730
●	0.080 - <0.100	◆	0.630 - <0.730
●	0.065 - <0.080	◆	0.500 - <0.630
●	0.050 - <0.065	◆	0.380 - <0.500
●	0.040 - <0.050	◆	0.300 - <0.380
●	0.030 - <0.040	◆	0.250 - <0.300
●	0 - <0.030	◆	0 - <0.250

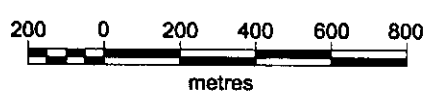
LYSANDER GOLD CORP.

PAL PROJECT - SOUTH

Phosphorus (%)

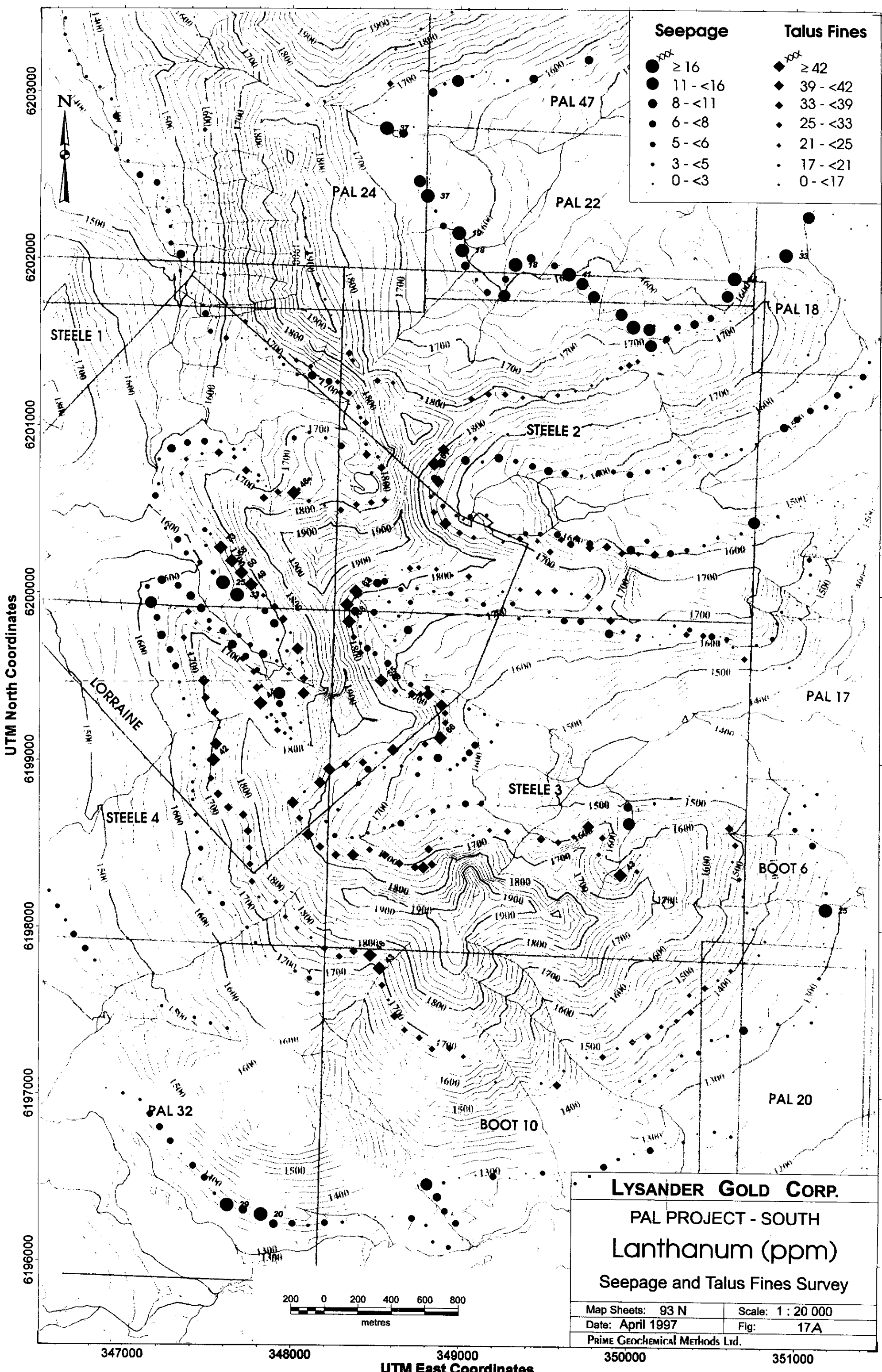
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 16 A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates



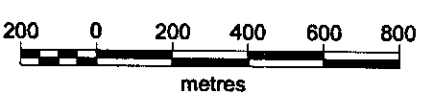
Seepage	Talus Fines
● ^{xxx} ≥ 16	◆ ^{xxx} ≥ 42
● 11 - <16	◆ 39 - <42
● 8 - <11	◆ 33 - <39
● 6 - <8	◆ 25 - <33
● 5 - <6	◆ 21 - <25
● 3 - <5	◆ 17 - <21
● 0 - <3	◆ 0 - <17

UTM North Coordinates

UTM East Coordinates

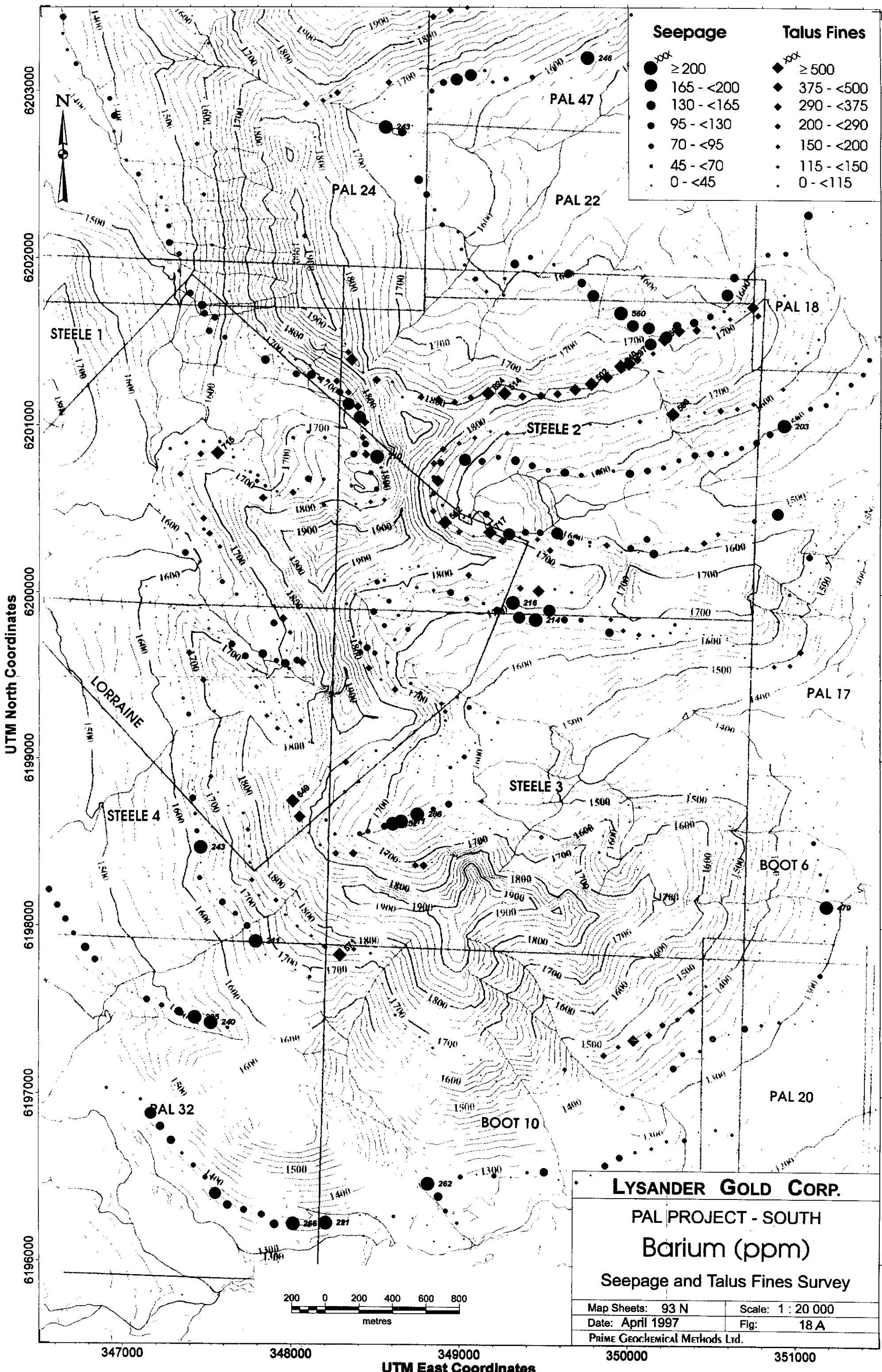
LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Lanthanum (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 17A
PRIME GEOCHEMICAL METHODS LTD.	



6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

347000 348000 349000 350000 351000



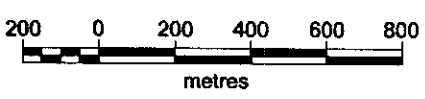
Seepage	Talus Fines
● ^{xxx} ≥ 200	◆ ^{xxx} ≥ 500
● 165 - <200	◆ 375 - <500
● 130 - <165	◆ 290 - <375
● 95 - <130	◆ 200 - <290
● 70 - <95	◆ 150 - <200
● 45 - <70	◆ 115 - <150
● 0 - <45	◆ 0 - <115

UTM North Coordinates

UTM East Coordinates

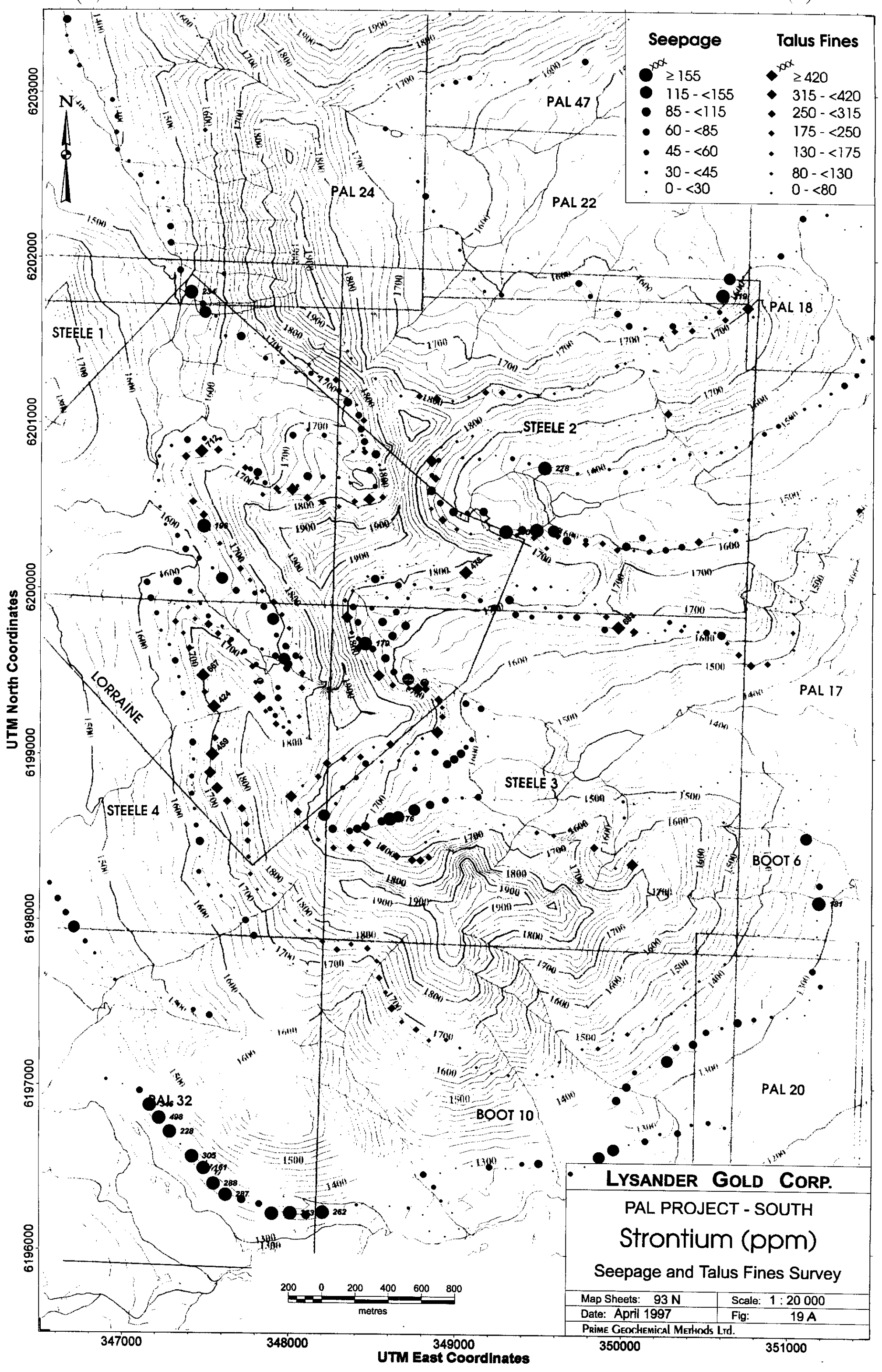
LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Barium (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 18 A
PRIME GEOCHEMICAL METHODS Ltd.	



6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000

347000 348000 349000 350000 351000



Seepage		Talus Fines	
● ^{xxx}	≥ 155	◆ ^{xxx}	≥ 420
●	115 - <155	◆	315 - <420
●	85 - <115	◆	250 - <315
●	60 - <85	◆	175 - <250
●	45 - <60	◆	130 - <175
●	30 - <45	◆	80 - <130
●	0 - <30	◆	0 - <80

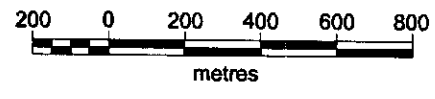
LYSANDER GOLD CORP.

PAL PROJECT - SOUTH

Strontium (ppm)

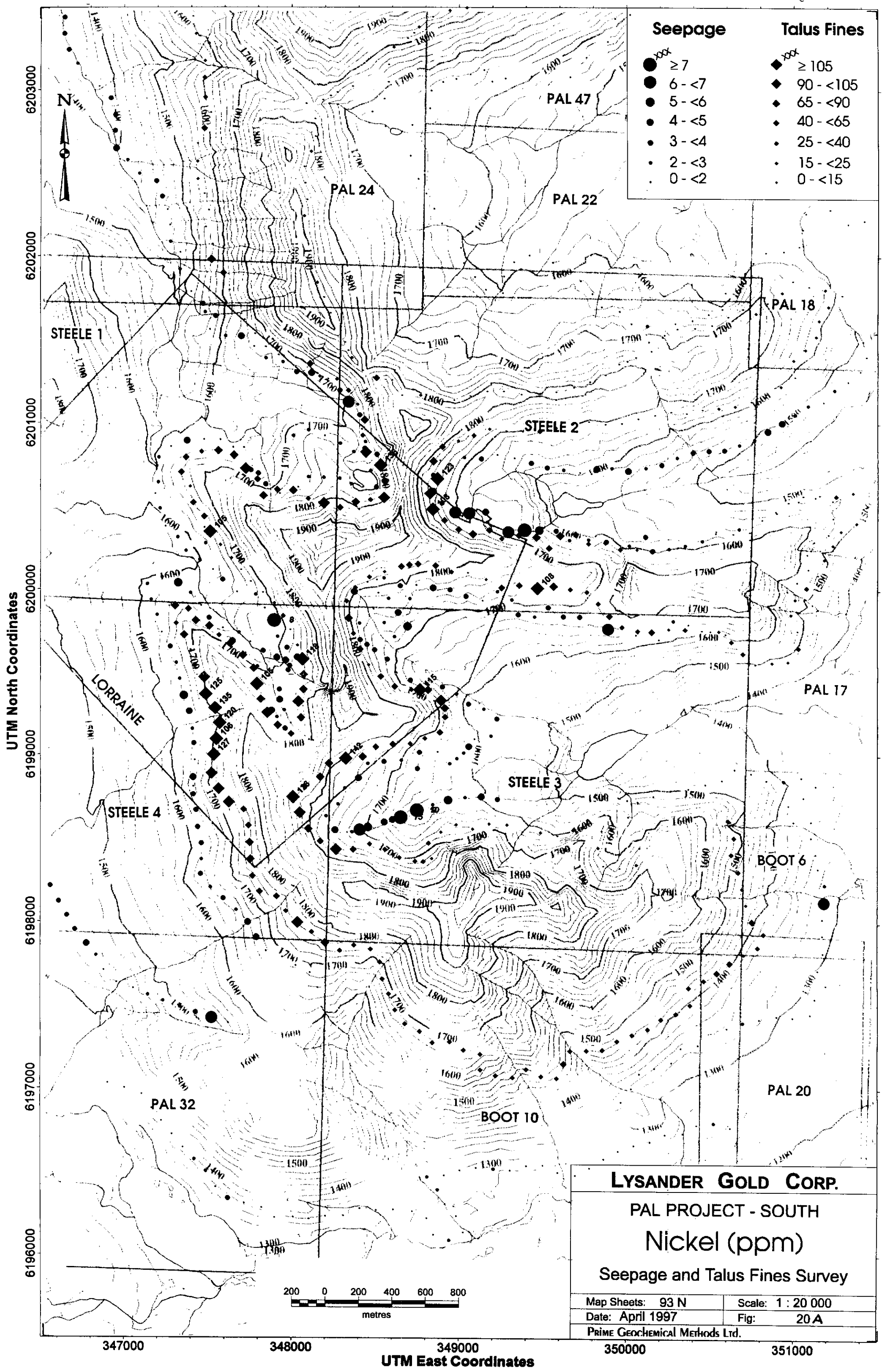
Seepage and Talus Fines Survey

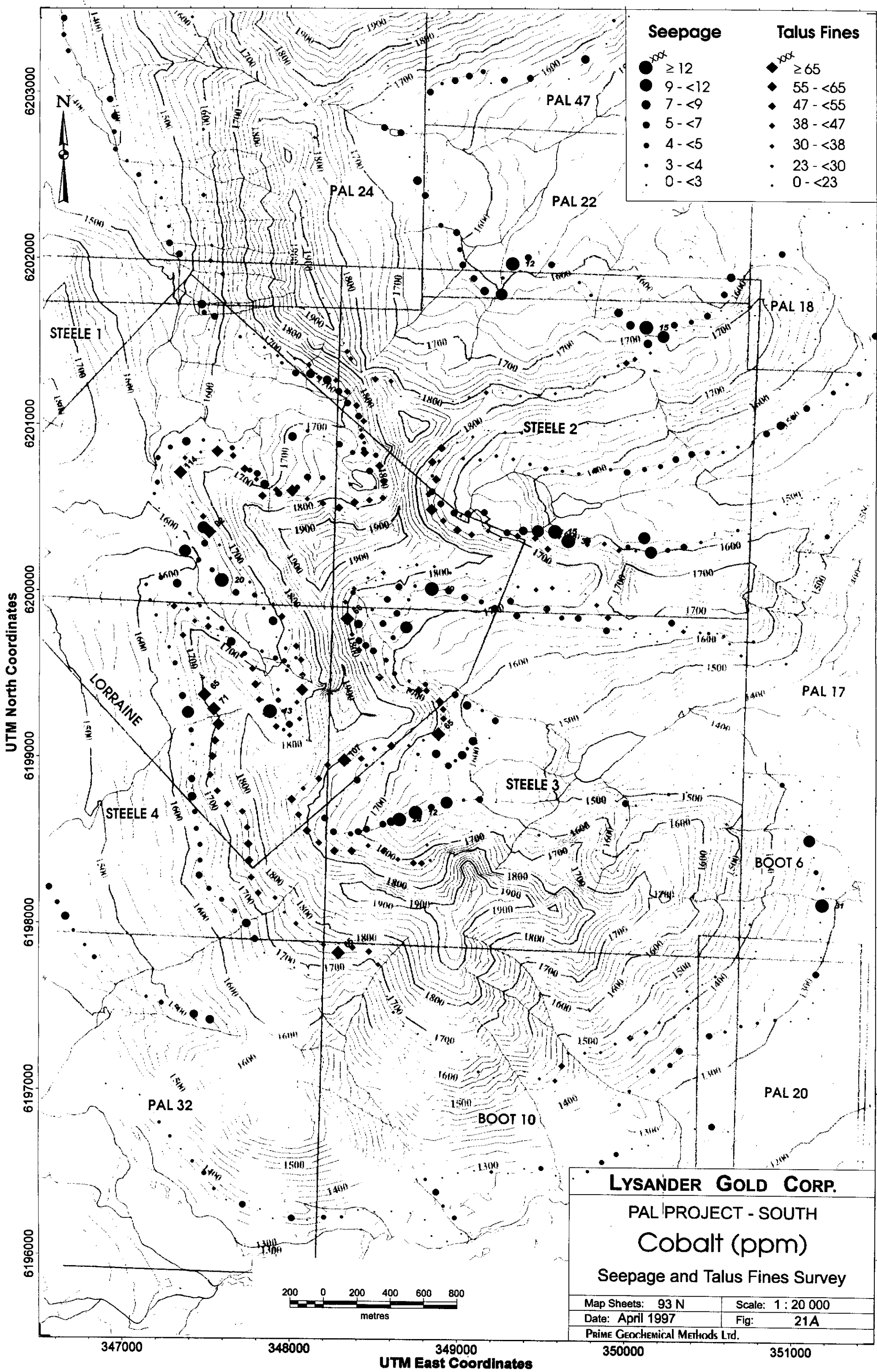
Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 19 A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates





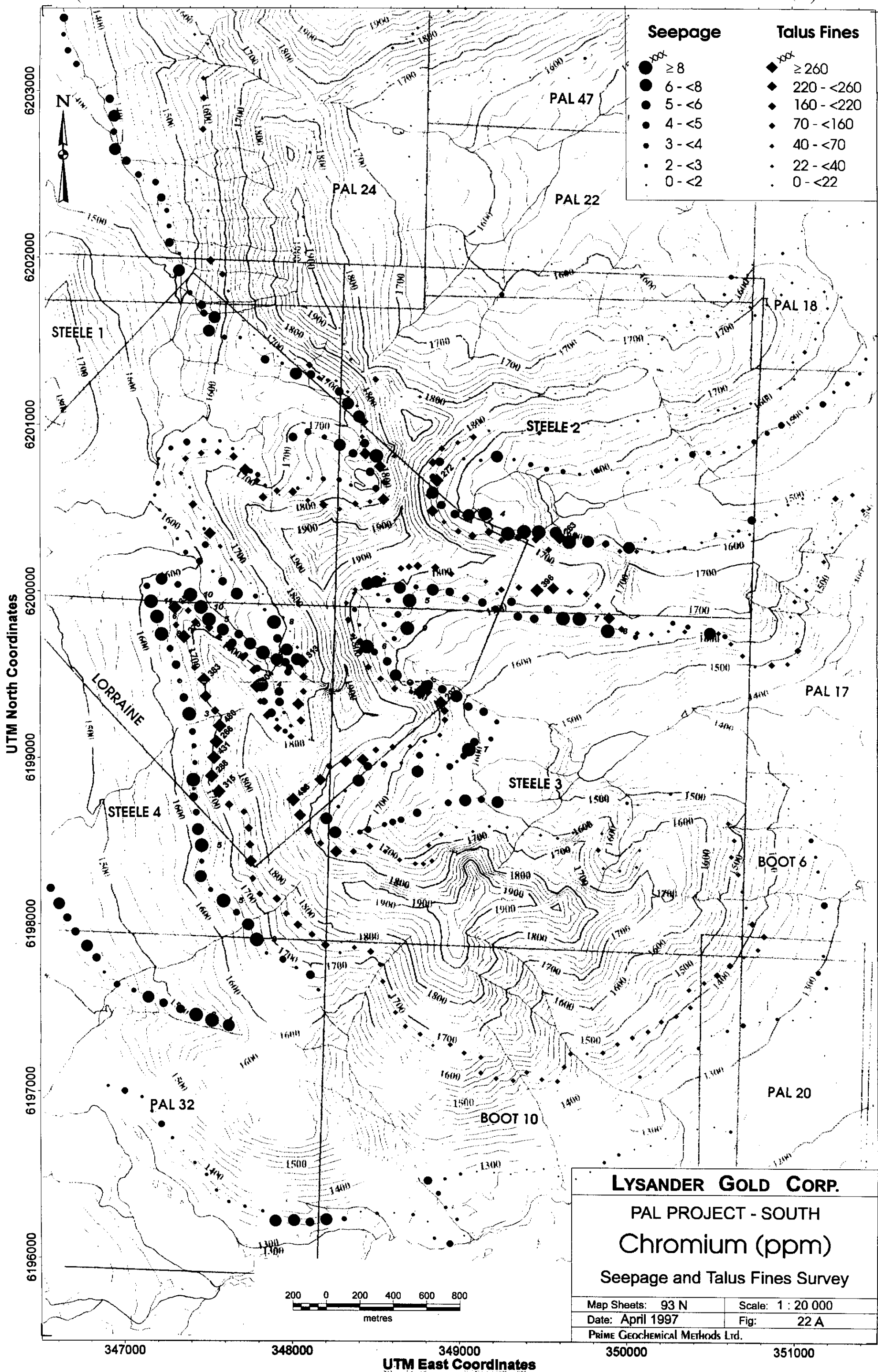
LYSANDER GOLD CORP.

PAL PROJECT - SOUTH

Cobalt (ppm)

Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 21A
PRIME GEOCHEMICAL METHODS LTD.	



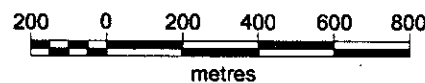
Seepage		Talus Fines	
●	≥ 8	◆	≥ 260
●	6 - <8	◆	220 - <260
●	5 - <6	◆	160 - <220
●	4 - <5	◆	70 - <160
●	3 - <4	◆	40 - <70
●	2 - <3	◆	22 - <40
●	0 - <2	◆	0 - <22

LYSANDER GOLD CORP.

**PAL PROJECT - SOUTH
Chromium (ppm)**

Seepage and Talus Fines Survey

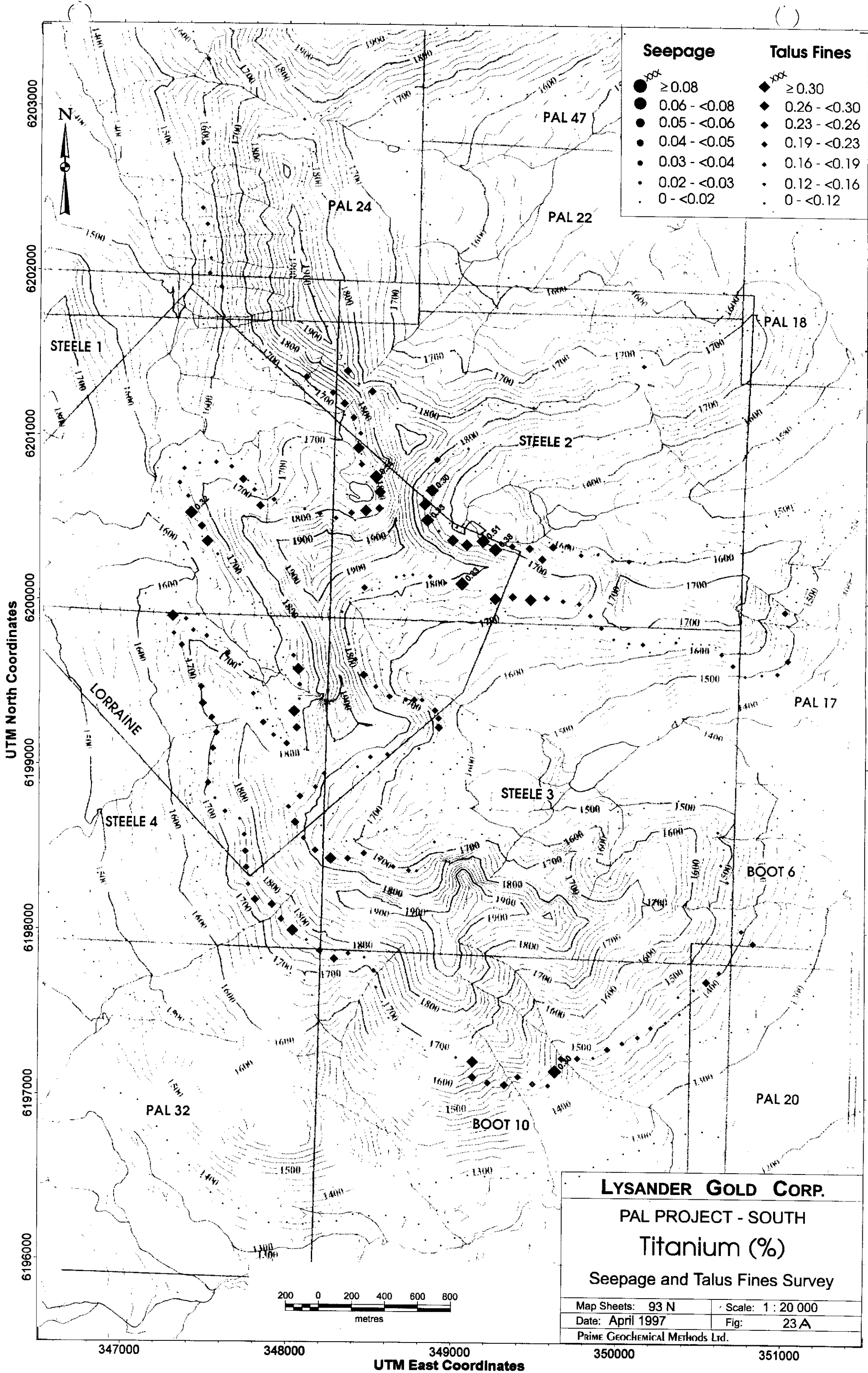
Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 22 A
PRIME GEOCHEMICAL METHODS Ltd.	



347000 348000 349000 350000 351000
UTM East Coordinates

UTM North Coordinates

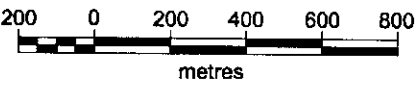
6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000



Seepage		Talus Fines	
● ^{xxx}	≥ 0.08	◆ ^{xxx}	≥ 0.30
●	0.06 - <0.08	◆	0.26 - <0.30
●	0.05 - <0.06	◆	0.23 - <0.26
●	0.04 - <0.05	◆	0.19 - <0.23
●	0.03 - <0.04	◆	0.16 - <0.19
●	0.02 - <0.03	◆	0.12 - <0.16
●	0 - <0.02	◆	0 - <0.12

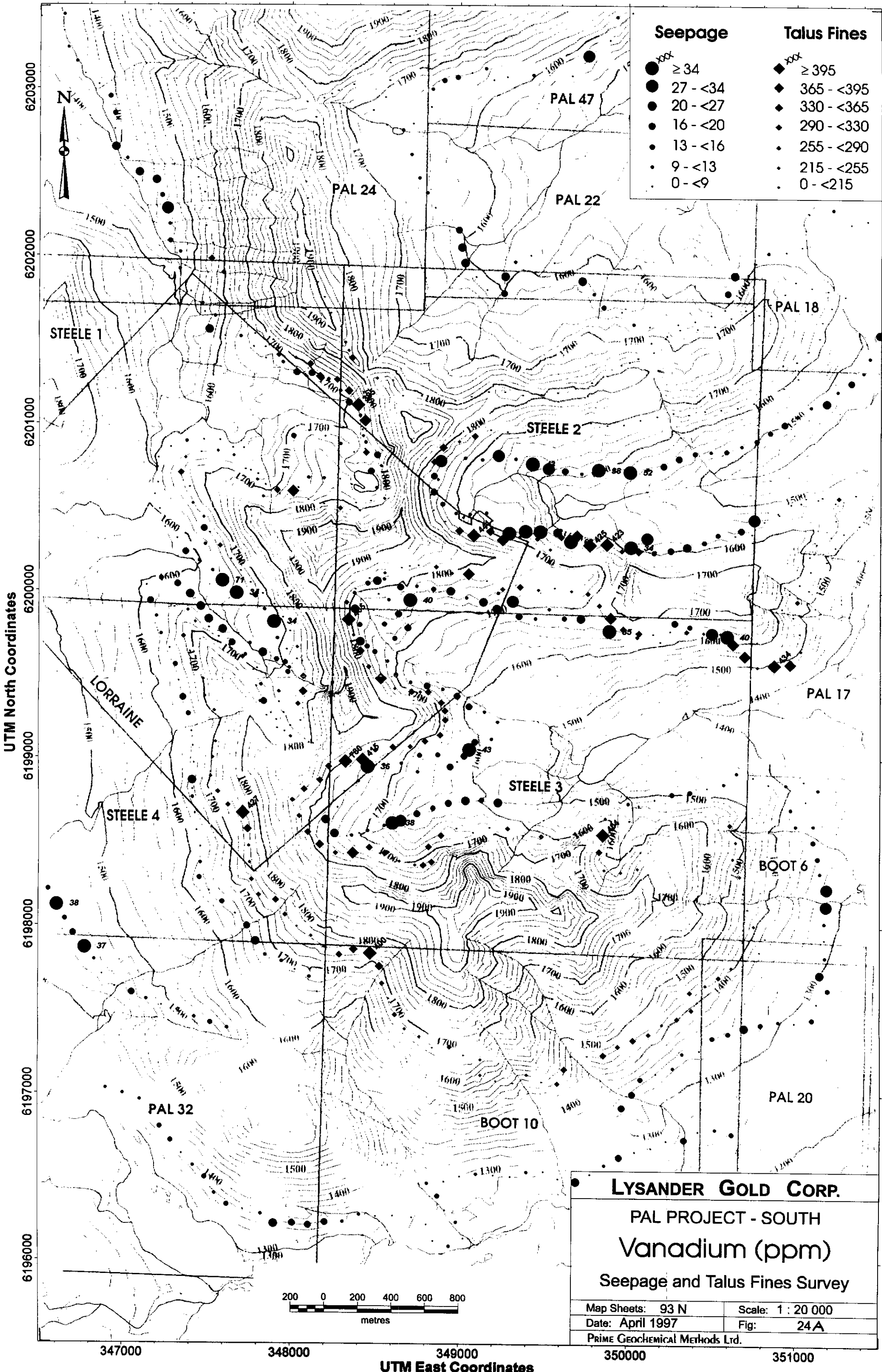
LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Titanium (%)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 23 A
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates
 6203000
 6202000
 6201000
 6200000
 6199000
 6198000
 6197000
 6196000

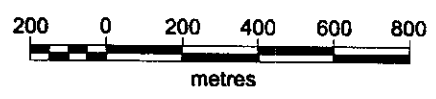
347000 348000 349000 350000 351000
 UTM East Coordinates



Seepage	Talus Fines
● ^{xxx} ≥ 34	◆ ^{xxx} ≥ 395
● 27 - <27	◆ 365 - <395
● 20 - <20	◆ 330 - <365
● 16 - <16	◆ 290 - <330
● 13 - <13	◆ 255 - <290
● 9 - <9	◆ 215 - <255
● 0 - <0	◆ 0 - <215

LYSANDER GOLD CORP.
PAL PROJECT - SOUTH
Vanadium (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 24A
PRIME GEOCHEMICAL METHODS LTD.	





UTM North Coordinates

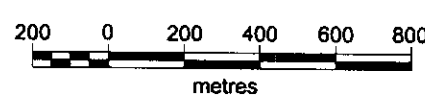
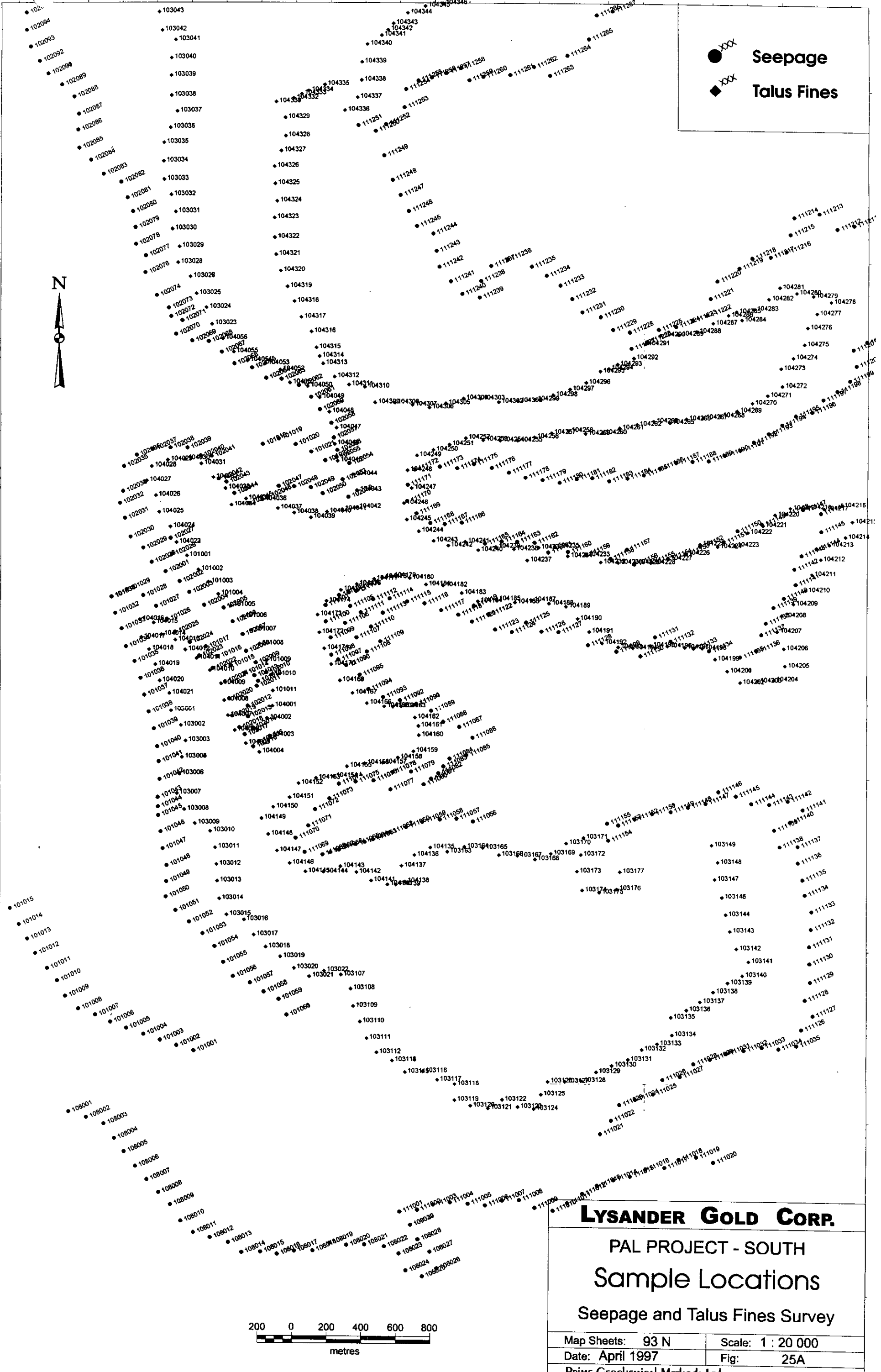
UTM East Coordinates

UTM North Coordinates

6203000
6202000
6201000
6200000
6199000
6198000
6197000
6196000



 Seepage
 Talus Fines



LYSANDER GOLD CORP.

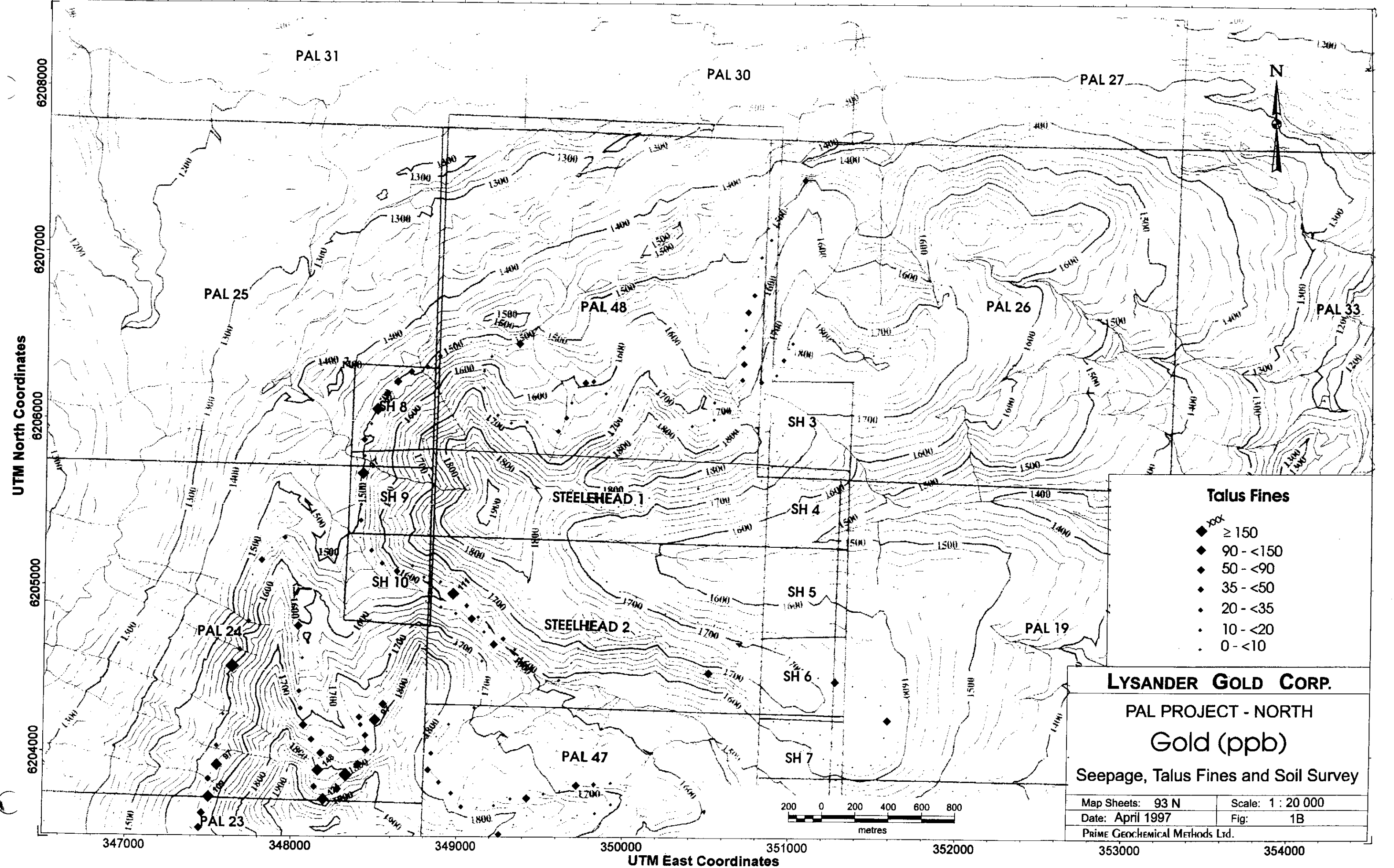
PAL PROJECT - SOUTH

Sample Locations

Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 25A
PRIME GEOCHEMICAL METHODS LTD.	

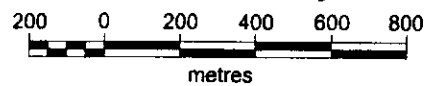
347000 348000 349000 350000 351000
UTM East Coordinates



- Talus Fines**
- ◆ xxx ≥ 150
 - ◆ 90 - <150
 - ◆ 50 - <90
 - ◆ 35 - <50
 - 20 - <35
 - 10 - <20
 - 0 - <10

LYSANDER GOLD CORP.
PAL PROJECT - NORTH
Gold (ppb)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 1B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates

6208000
6207000
6206000
6205000
6204000

347000 348000 349000 350000 351000 352000 353000 354000

UTM North Coordinates

6208000

6207000

6206000

6205000

6204000

347000

348000

349000

350000

351000

352000

UTM East Coordinates

PAL 31

PAL 30

PAL 27

PAL 25

PAL 48

PAL 26

PAL 33

SH 8

SH 3

SH 9

STEELHEAD 1

SH 4

SH 10

STEELHEAD 2

SH 5

PAL 24

PAL 19

SH 6

PAL 47

SH 7



Seepage (ppb)

- ≥ 550
- 400 - <550
- 300 - <400
- 200 - <300
- 150 - <200
- 110 - <150
- 0 - <110

Talus Fines (ppm)

- ◆ ≥ 1.2
- ◆ 1.0 - <1.2
- ◆ 0.8 - <1.0
- ◆ 0.6 - <0.8
- ◆ 0.5 - <0.6
- ◆ 0.4 - <0.5
- ◆ 0 - <0.4

LYSANDER GOLD CORP.

PAL PROJECT - NORTH

Silver

Seepage and Talus Fines Survey

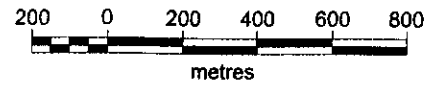
Map Sheets: 93 N

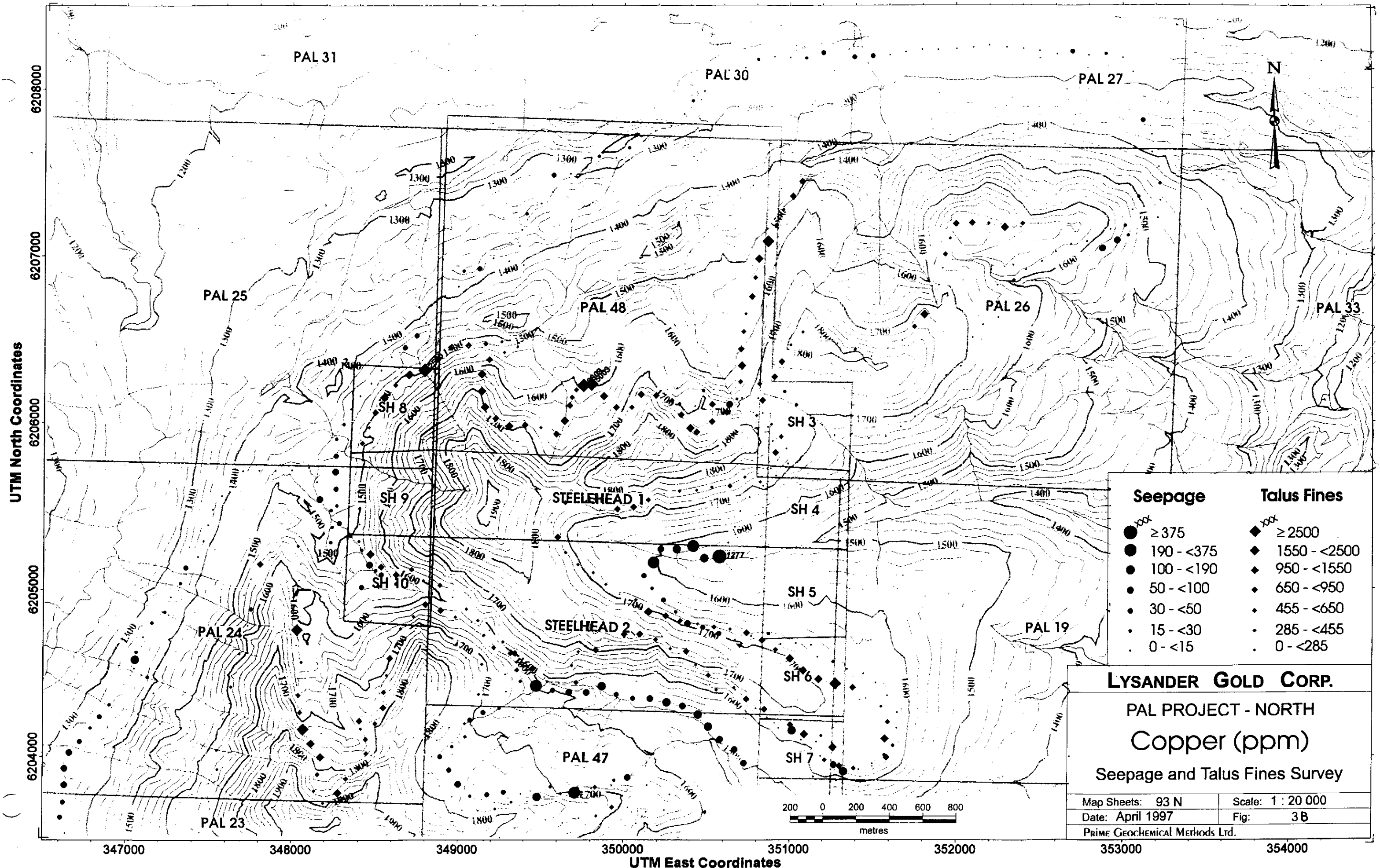
Scale: 1 : 20 000

Date: April 1997

Fig: 2 B

Prime Geochemical Methods Ltd.





Seepage

- xxx ≥ 375
- 190 - <375
- 100 - <190
- 50 - <100
- 30 - <50
- 15 - <30
- 0 - <15

Talus Fines

- ◆ xxx ≥ 2500
- ◆ 1550 - <2500
- ◆ 950 - <1550
- ◆ 650 - <950
- ◆ 455 - <650
- ◆ 285 - <455
- ◆ 0 - <285

LYSANDER GOLD CORP.

PAL PROJECT - NORTH
Copper (ppm)

Seepage and Talus Fines Survey

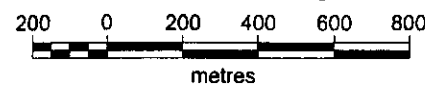
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

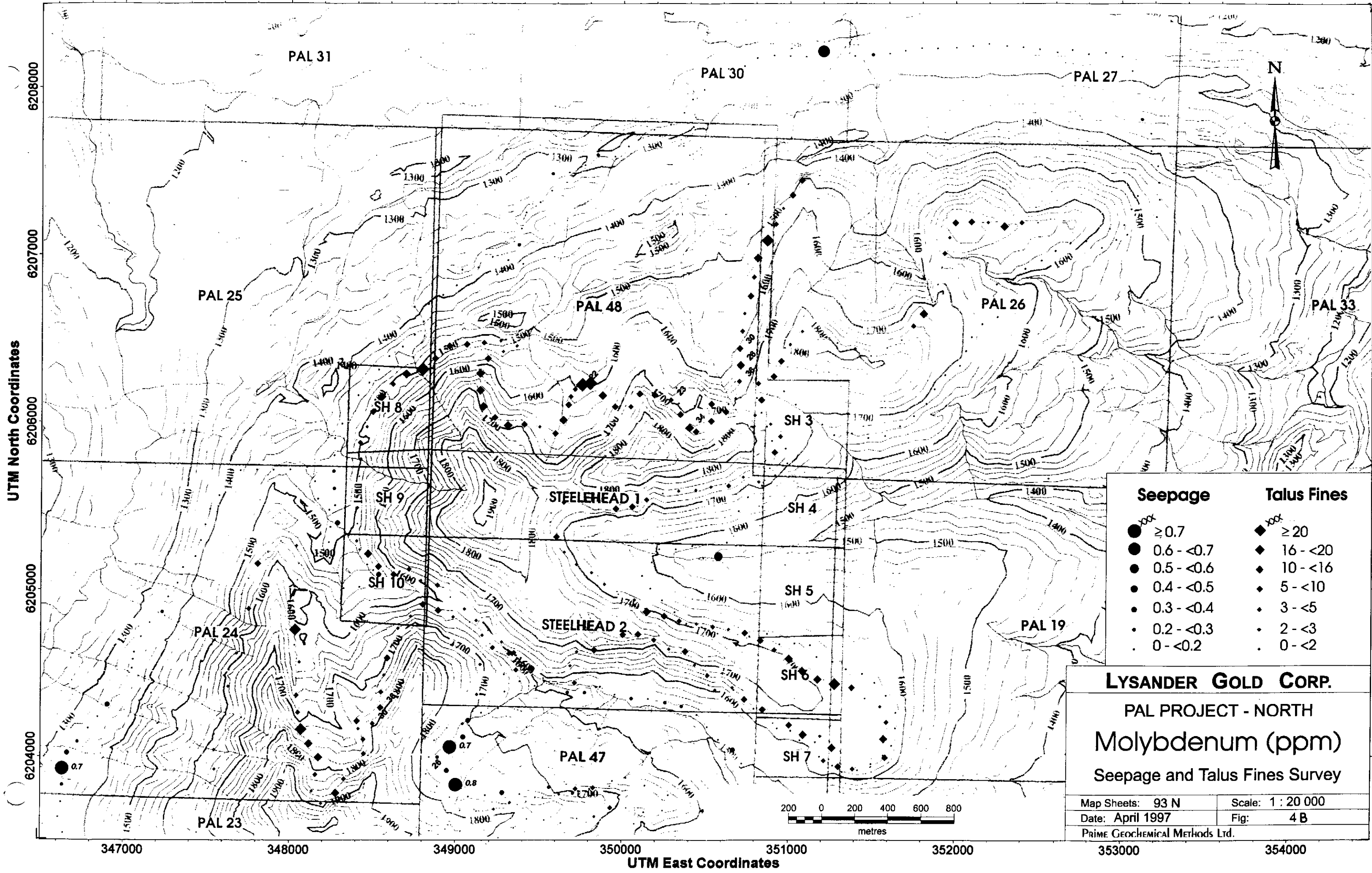
Fig: 3B

PRIME GEOCHEMICAL METHODS LTD.



UTM North Coordinates

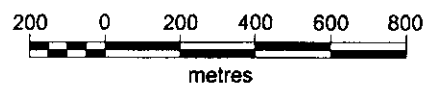
UTM East Coordinates



Seepage	Talus Fines
● ≥ 0.7	◆ ≥ 20
● 0.6 - <0.7	◆ 16 - <20
● 0.5 - <0.6	◆ 10 - <16
● 0.4 - <0.5	◆ 5 - <10
● 0.3 - <0.4	◆ 3 - <5
● 0.2 - <0.3	◆ 2 - <3
● 0 - <0.2	◆ 0 - <2

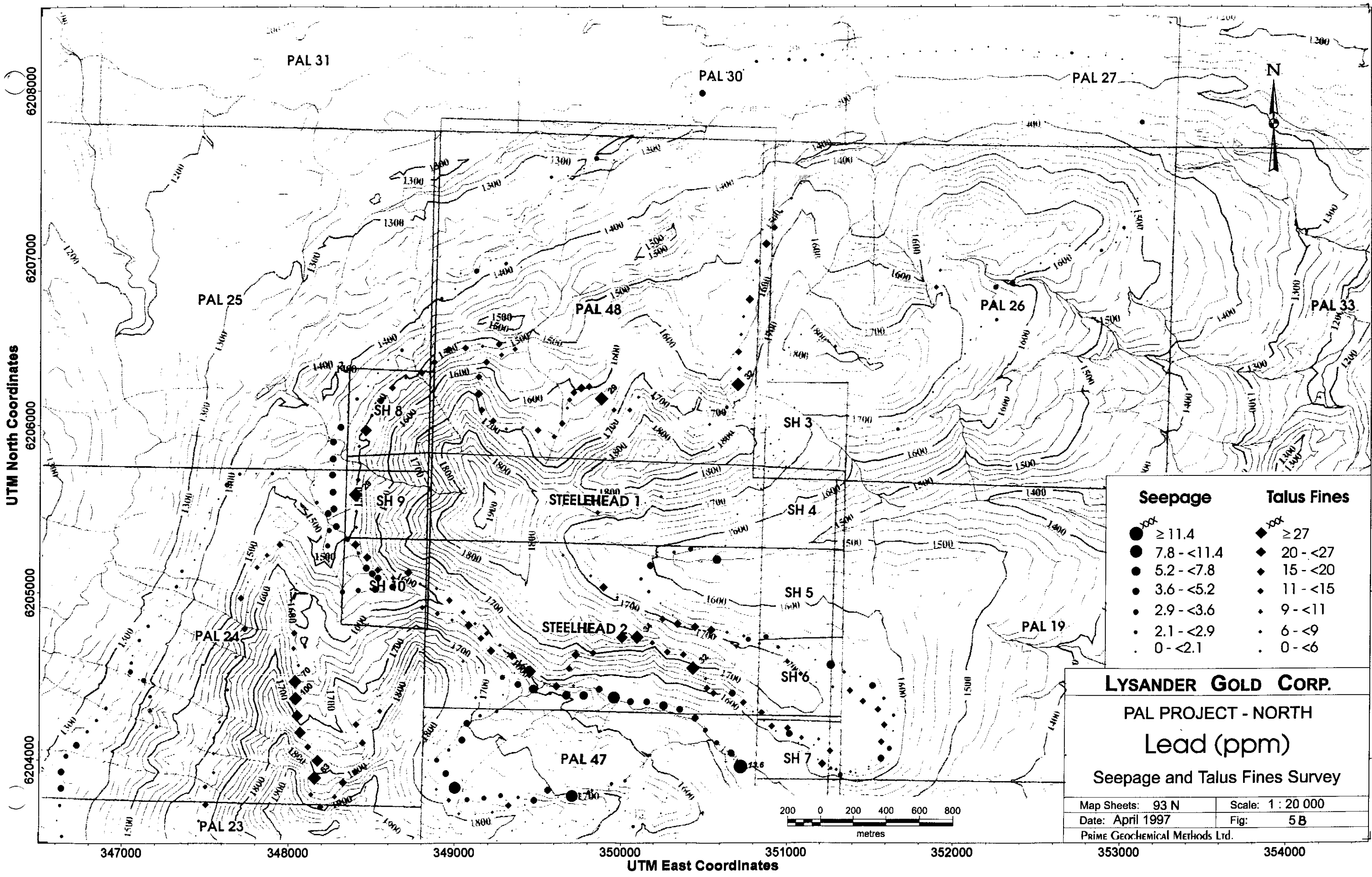
LYSANDER GOLD CORP.
PAL PROJECT - NORTH
Molybdenum (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 4 B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

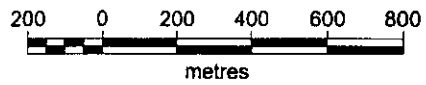
UTM East Coordinates



Seepage	Talus Fines
● ≥ 11.4	◆ ≥ 27
● 7.8 - <11.4	◆ 20 - <27
● 5.2 - <7.8	◆ 15 - <20
● 3.6 - <5.2	◆ 11 - <15
● 2.9 - <3.6	● 9 - <11
● 2.1 - <2.9	● 6 - <9
● 0 - <2.1	● 0 - <6

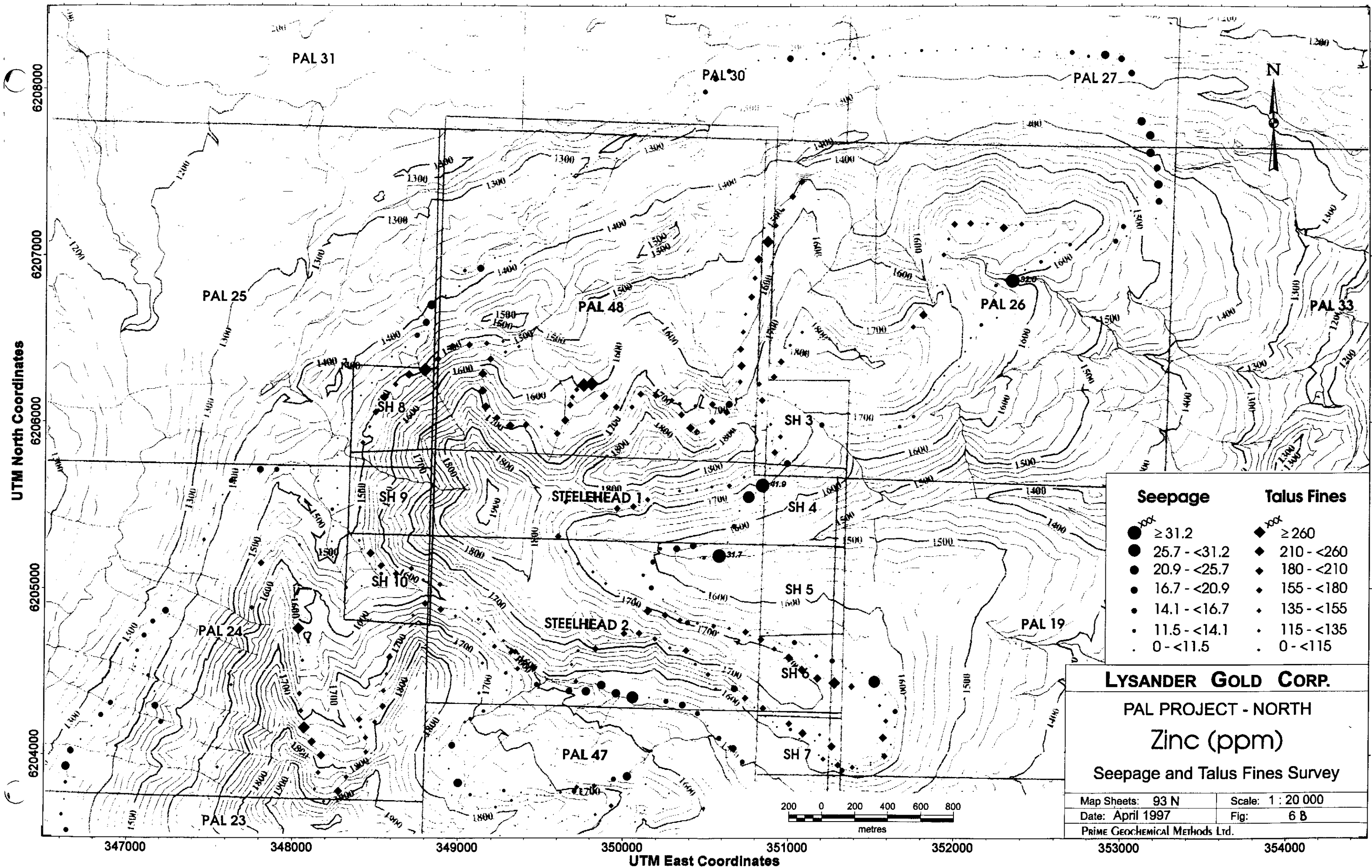
LYSANDER GOLD CORP.
PAL PROJECT - NORTH
Lead (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 5B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates



Seepage	Talus Fines
● ^{xxx} ≥ 31.2	◆ ^{xxx} ≥ 260
● 25.7 - <31.2	◆ 210 - <260
● 20.9 - <25.7	◆ 180 - <210
● 16.7 - <20.9	◆ 155 - <180
● 14.1 - <16.7	◆ 135 - <155
● 11.5 - <14.1	◆ 115 - <135
● 0 - <11.5	◆ 0 - <115

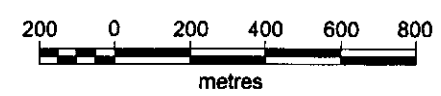
LYSANDER GOLD CORP.

PAL PROJECT - NORTH

Zinc (ppm)

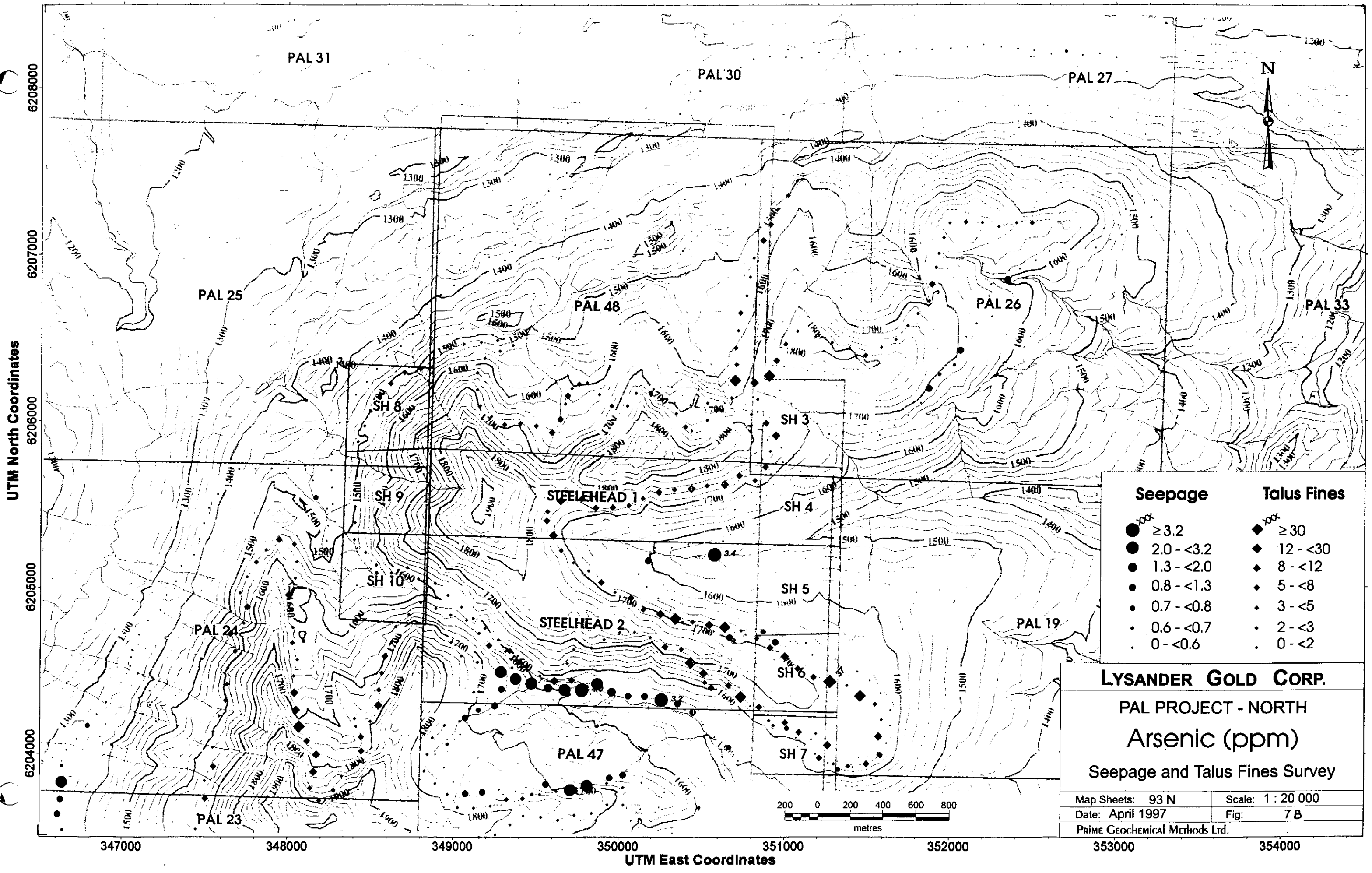
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 6 B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

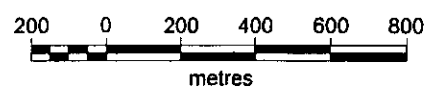
UTM East Coordinates



Seepage	Talus Fines
● ≥ 3.2	◆ ≥ 30
● 2.0 - <3.2	◆ 12 - <30
● 1.3 - <2.0	◆ 8 - <12
● 0.8 - <1.3	◆ 5 - <8
● 0.7 - <0.8	◆ 3 - <5
● 0.6 - <0.7	◆ 2 - <3
● 0 - <0.6	◆ 0 - <2

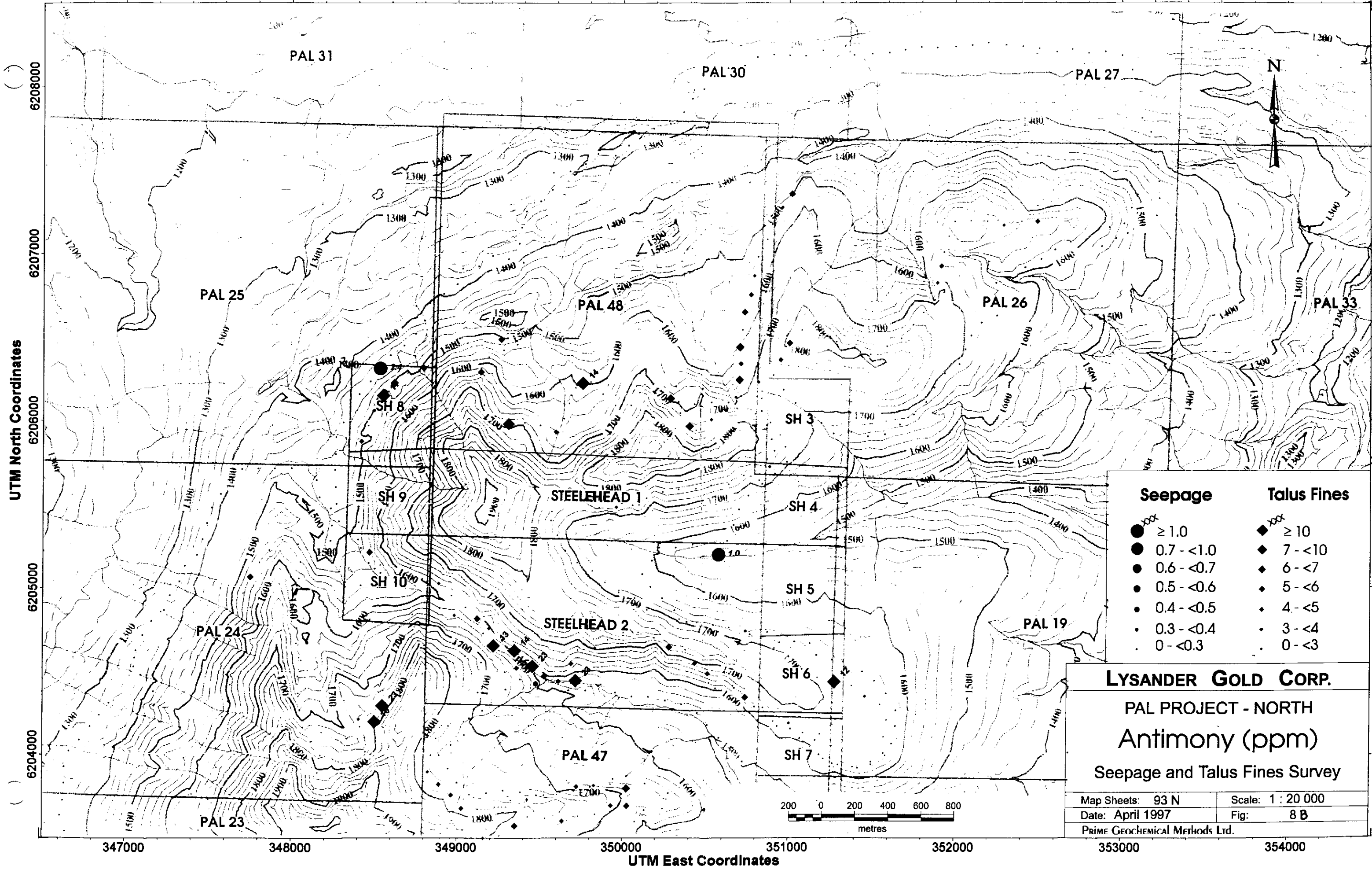
LYSANDER GOLD CORP.
PAL PROJECT - NORTH
Arsenic (ppm)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 7 B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates



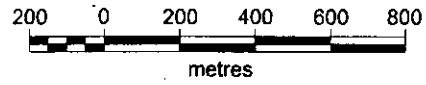
Seepage	Talus Fines
● ^{xxx} ≥ 1.0	◆ ^{xxx} ≥ 10
● 0.7 - <1.0	◆ 7 - <10
● 0.6 - <0.7	◆ 6 - <7
● 0.5 - <0.6	◆ 5 - <6
● 0.4 - <0.5	◆ 4 - <5
● 0.3 - <0.4	◆ 3 - <4
● 0 - <0.3	◆ 0 - <3

LYSANDER GOLD CORP.

PAL PROJECT - NORTH
Antimony (ppm)

Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 8 B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates

UTM North Coordinates

6208000

6207000

6206000

6205000

6204000

347000

348000

349000

350000

351000

352000

353000

354000

UTM East Coordinates

PAL 31

PAL 30

PAL 27

PAL 25

PAL 48

PAL 26

PAL 33

SH 8

SH 3

SH 9

STEELEHEAD 1

SH 4

SH 10

STEELEHEAD 2

SH 5

PAL 19

PAL 24

PAL 23

PAL 47

SH 6

SH 7

Seepage

Talus Fines

- ≥ 0.63
- 0.43 - <0.63
- 0.29 - <0.43
- 0.17 - <0.29
- 0.11 - <0.17
- 0.07 - <0.11
- 0 - <0.07

- ◆ ≥ 2.4
- ◆ 1.9 - <2.4
- ◆ 1.0 - <1.9
- ◆ 0.6 - <1.0
- ◆ 0.4 - <0.6
- ◆ 0.3 - <0.4
- ◆ 0 - <0.3

LYSANDER GOLD CORP.

PAL PROJECT - NORTH
Cadmium (ppm)

Seepage and Talus Fines Survey

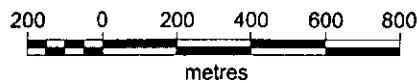
Map Sheets: 93 N

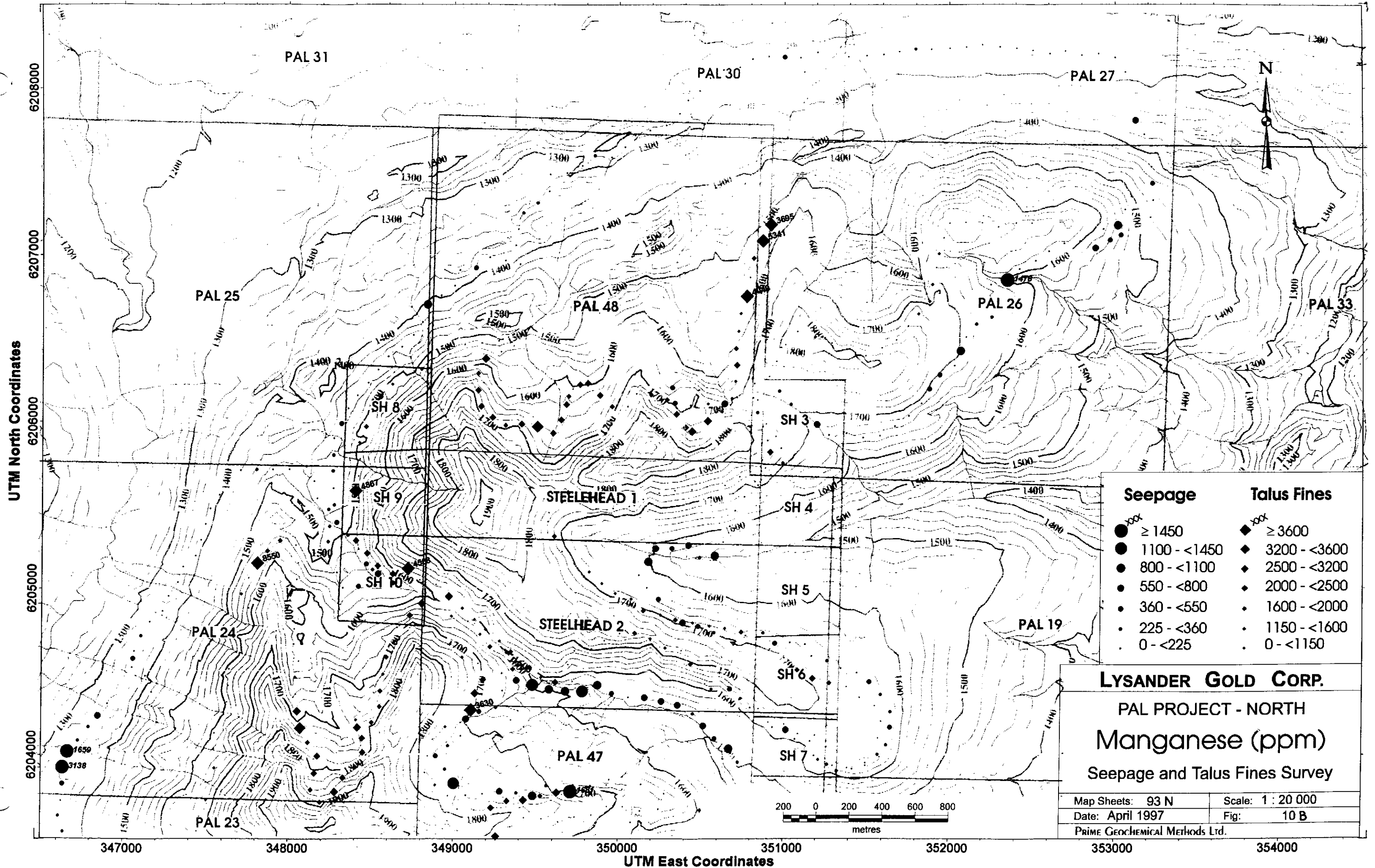
Scale: 1 : 20 000

Date: April 1997

Fig: 9 B

PRIME GEOCHEMICAL METHODS LTD.

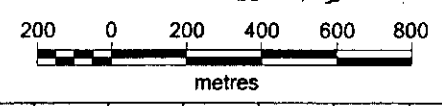




Seepage	Talus Fines
● ^{xxxx} ≥ 1450	◆ ^{xxxx} ≥ 3600
● 1100 - <1450	◆ 3200 - <3600
● 800 - <1100	◆ 2500 - <3200
● 550 - <800	◆ 2000 - <2500
● 360 - <550	◆ 1600 - <2000
● 225 - <360	◆ 1150 - <1600
● 0 - <225	◆ 0 - <1150

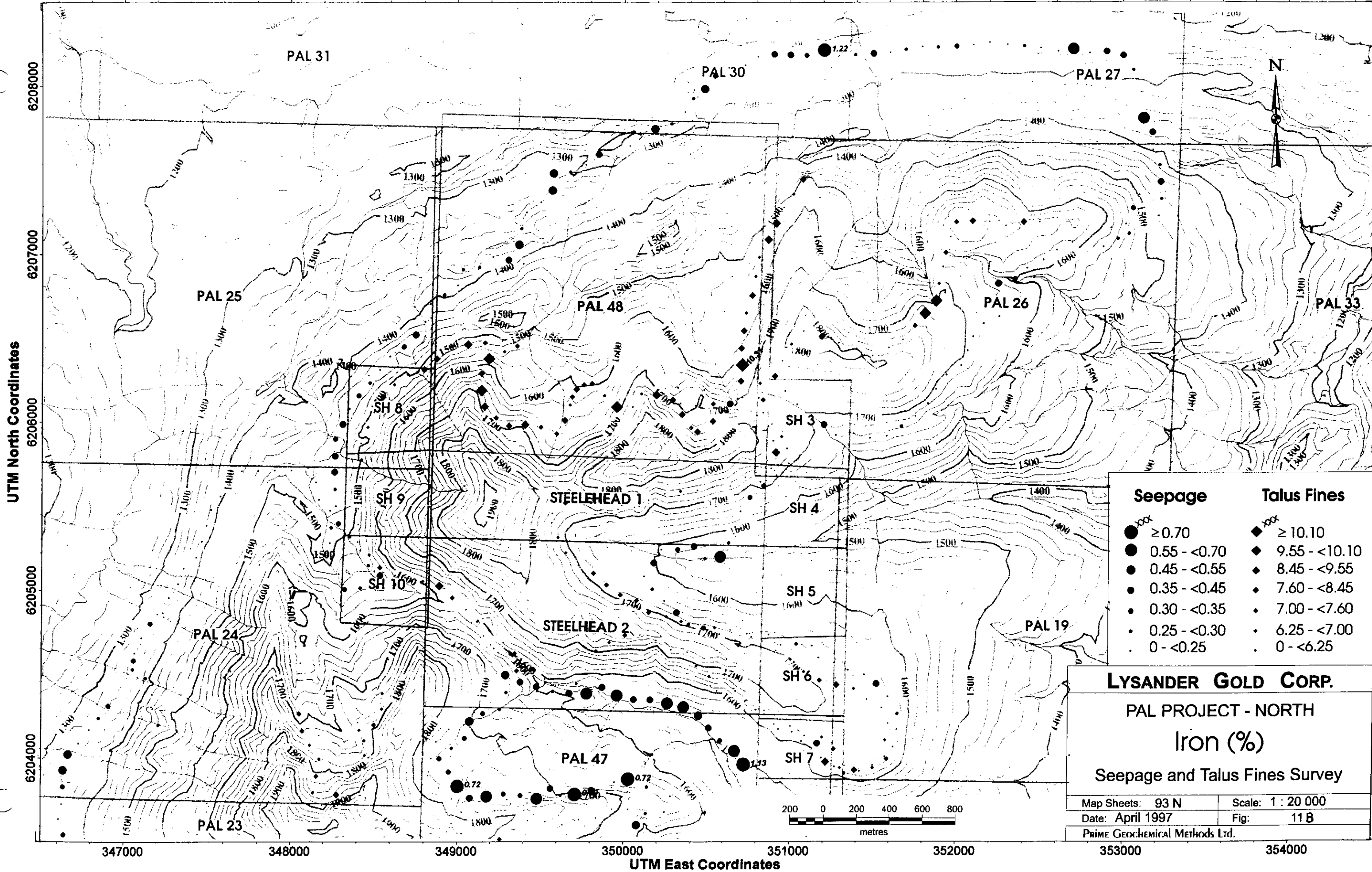
LYSANDER GOLD CORP.
 PAL PROJECT - NORTH
Manganese (ppm)
 Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 10 B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates



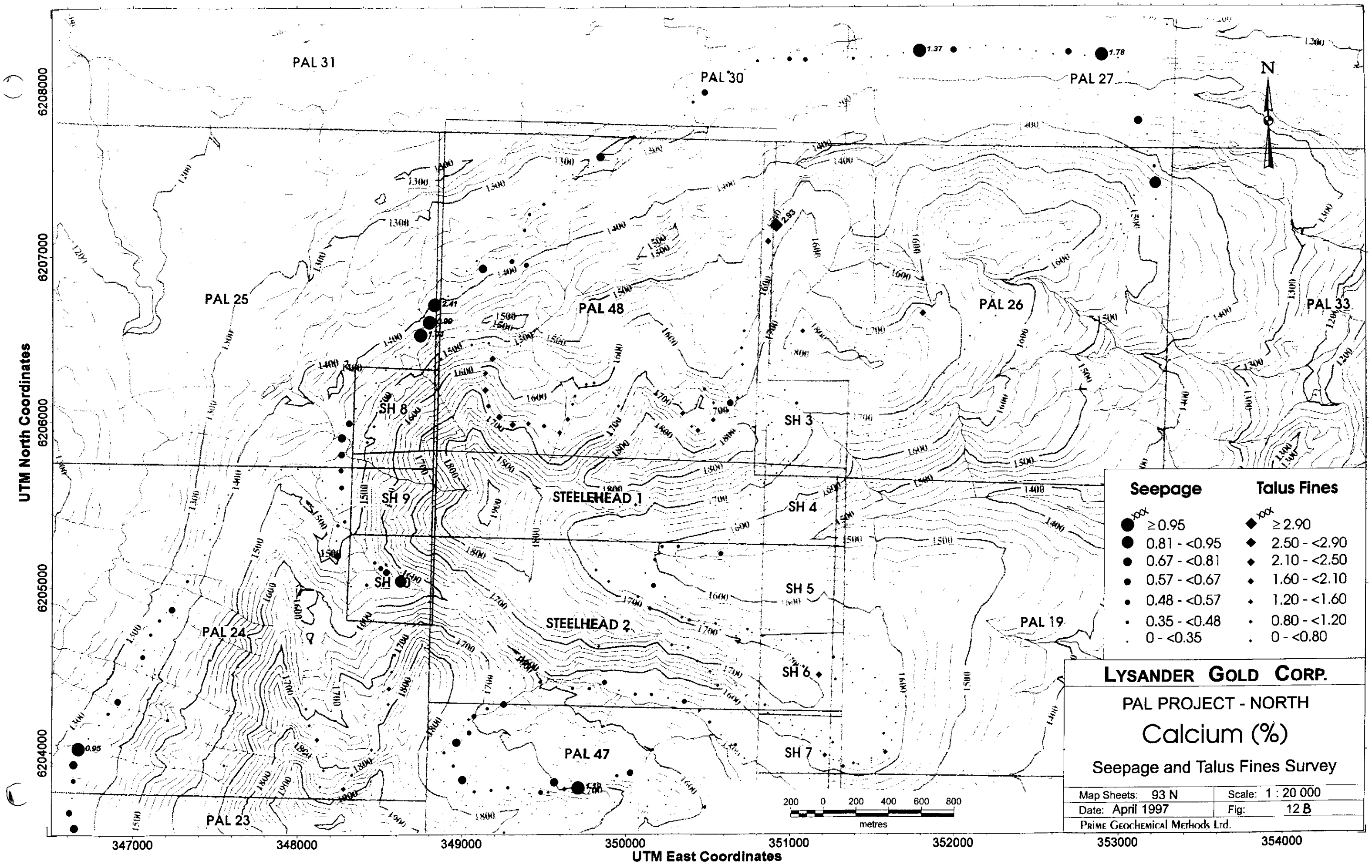
Seepage	Talus Fines
● ^{xxx} ≥ 0.70	◆ ^{xxx} ≥ 10.10
● 0.55 - <0.70	◆ 9.55 - <10.10
● 0.45 - <0.55	◆ 8.45 - <9.55
● 0.35 - <0.45	◆ 7.60 - <8.45
● 0.30 - <0.35	◆ 7.00 - <7.60
● 0.25 - <0.30	◆ 6.25 - <7.00
● 0 - <0.25	◆ 0 - <6.25

LYSANDER GOLD CORP.
PAL PROJECT - NORTH
Iron (%)
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 11 B
PRIME GEOCHEMICAL METHODS LTD.	

UTM East Coordinates: 347000, 348000, 349000, 350000, 351000, 352000, 353000, 354000

UTM North Coordinates: 6204000, 6205000, 6206000, 6207000, 6208000



Seepage	Talus Fines
● ^{xxx} ≥ 0.95	◆ ^{xxx} ≥ 2.90
● 0.81 - <0.95	◆ 2.50 - <2.90
● 0.67 - <0.81	◆ 2.10 - <2.50
● 0.57 - <0.67	◆ 1.60 - <2.10
● 0.48 - <0.57	◆ 1.20 - <1.60
● 0.35 - <0.48	◆ 0.80 - <1.20
● 0 - <0.35	◆ 0 - <0.80

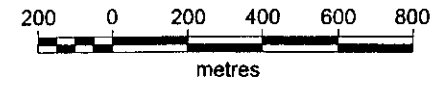
LYSANDER GOLD CORP.

PAL PROJECT - NORTH

Calcium (%)

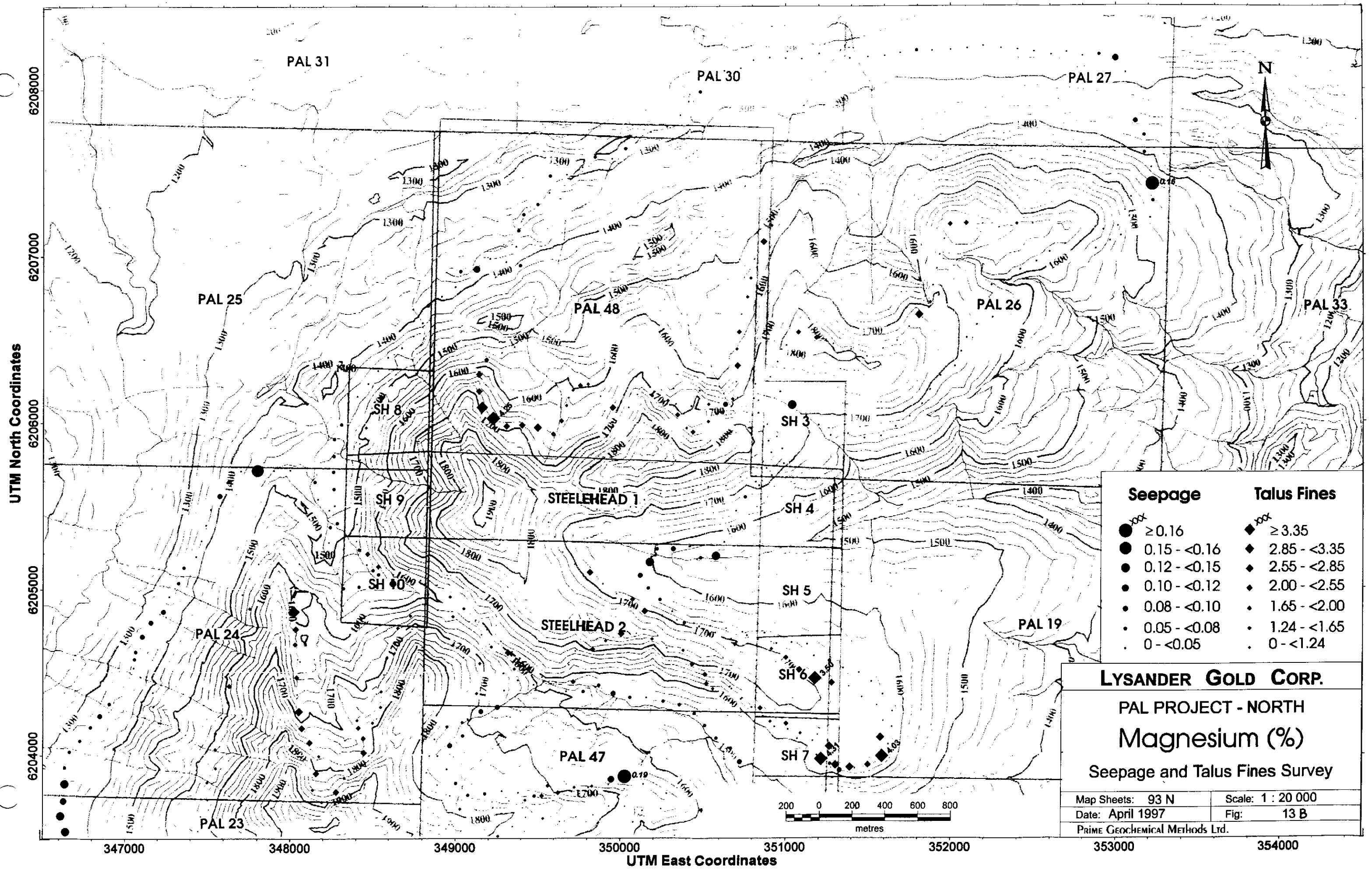
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 12 B
Prime Geochemical Methods Ltd.	



UTM North Coordinates

UTM East Coordinates



Seepage	Talus Fines
● ≥ 0.16	◆ ≥ 3.35
● 0.15 - <0.16	◆ 2.85 - <3.35
● 0.12 - <0.15	◆ 2.55 - <2.85
● 0.10 - <0.12	◆ 2.00 - <2.55
● 0.08 - <0.10	◆ 1.65 - <2.00
● 0.05 - <0.08	◆ 1.24 - <1.65
● 0 - <0.05	◆ 0 - <1.24

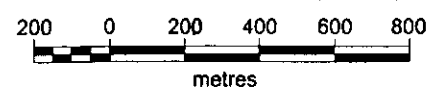
LYSANDER GOLD CORP.

PAL PROJECT - NORTH

Magnesium (%)

Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 13 B
PRIME GEOCHEMICAL METHODS LTD.	

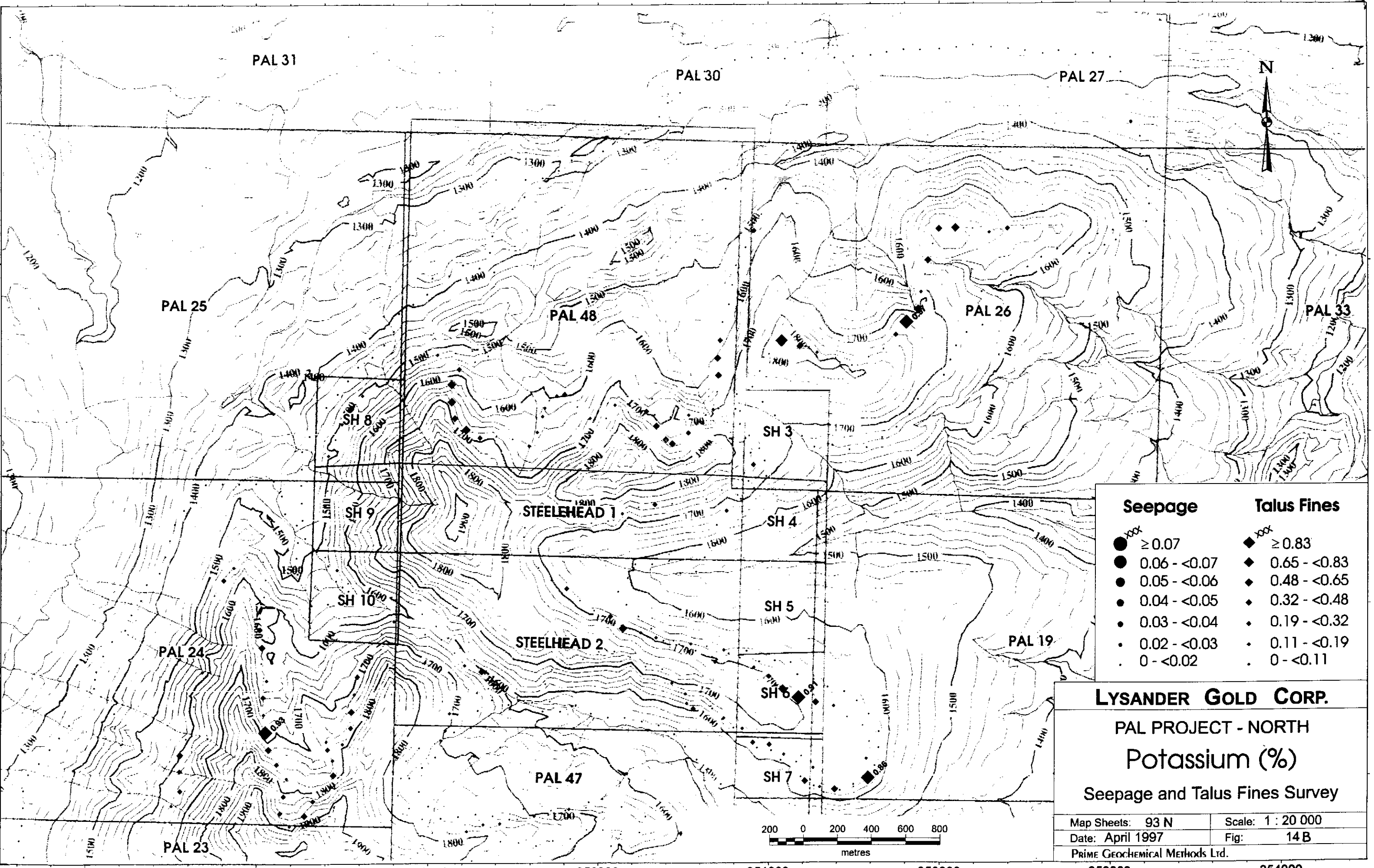


UTM North Coordinates

UTM East Coordinates

UTM North Coordinates

6208000
6207000
6206000
6205000
6204000



Seepage	Talus Fines
● ≥ 0.07	◆ ≥ 0.83
● 0.06 - <0.07	◆ 0.65 - <0.83
● 0.05 - <0.06	◆ 0.48 - <0.65
● 0.04 - <0.05	◆ 0.32 - <0.48
● 0.03 - <0.04	◆ 0.19 - <0.32
● 0.02 - <0.03	◆ 0.11 - <0.19
● 0 - <0.02	◆ 0 - <0.11

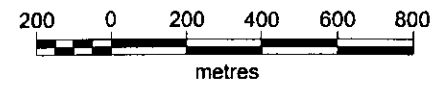
LYSANDER GOLD CORP.

PAL PROJECT - NORTH

Potassium (%)

Seepage and Talus Fines Survey

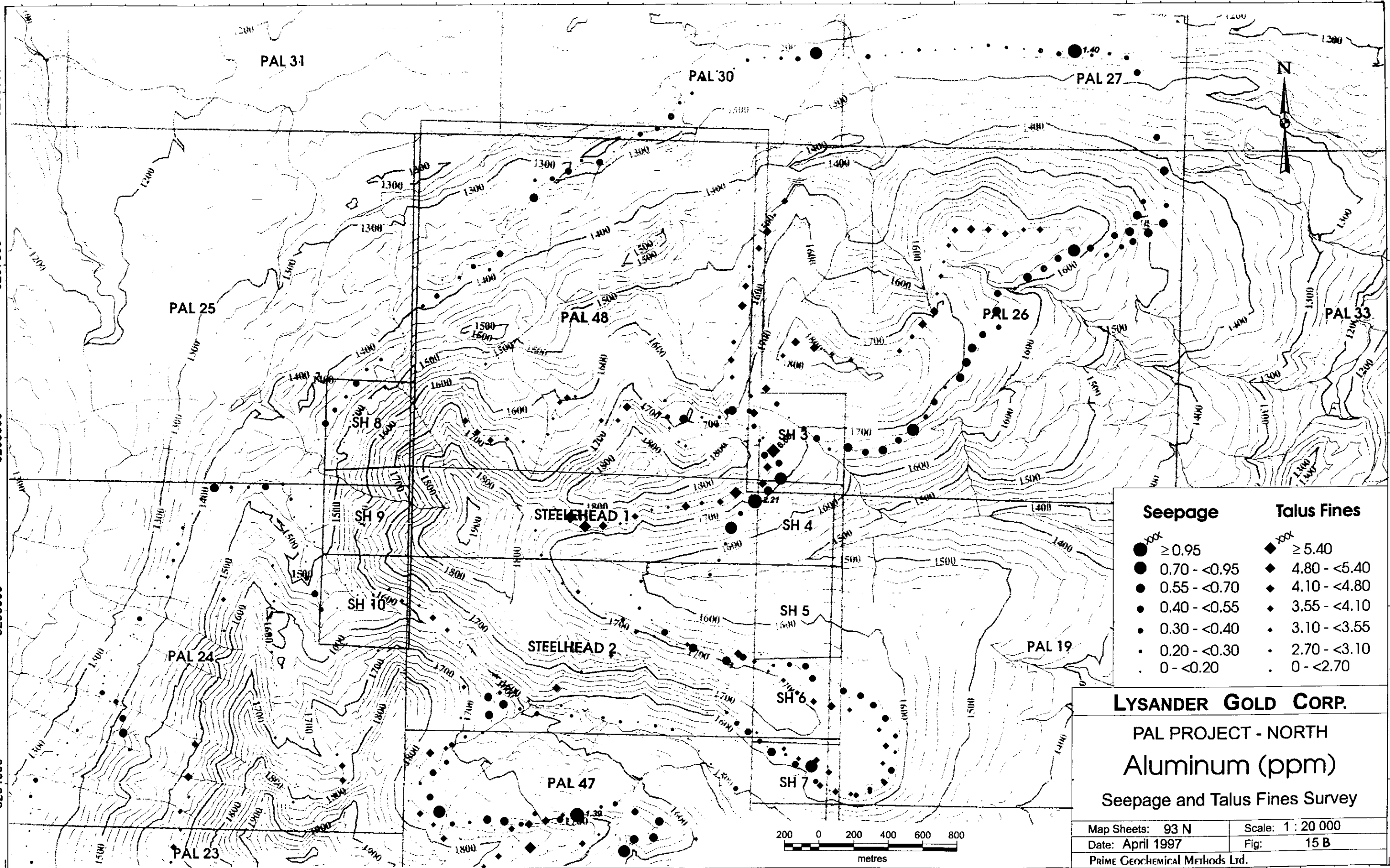
Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 14 B
PRIME GEOCHEMICAL METHODS LTD.	



347000 348000 349000 350000 351000 352000 353000 354000
UTM East Coordinates

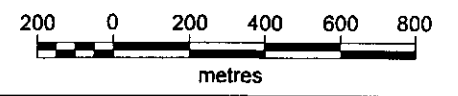
UTM North Coordinates

6208000
6207000
6206000
6205000
6204000



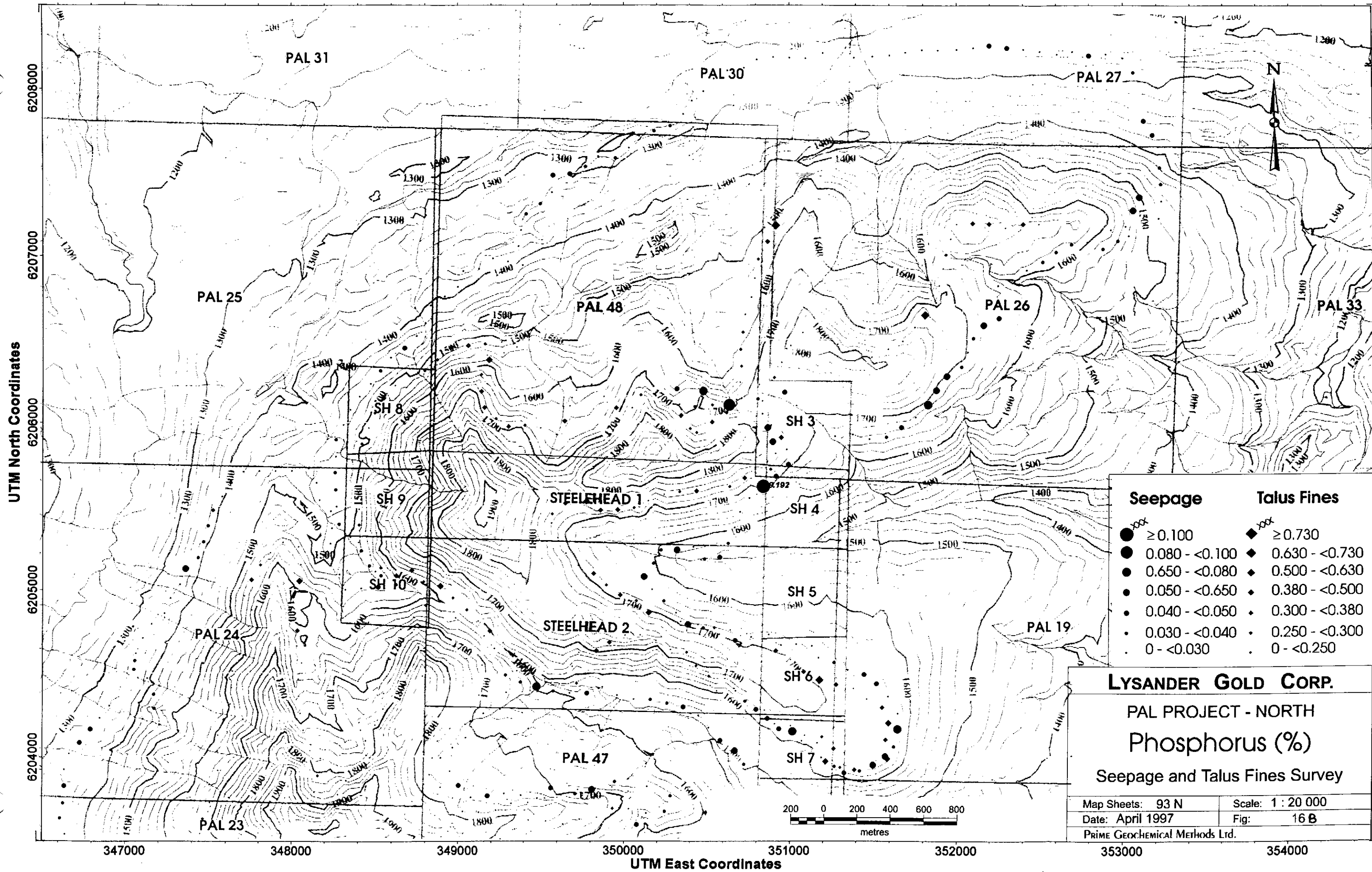
Seepage	Talus Fines
● ≥ 0.95	◆ ≥ 5.40
● 0.70 - <0.95	◆ 4.80 - <5.40
● 0.55 - <0.70	◆ 4.10 - <4.80
● 0.40 - <0.55	◆ 3.55 - <4.10
● 0.30 - <0.40	◆ 3.10 - <3.55
● 0.20 - <0.30	◆ 2.70 - <3.10
● 0 - <0.20	◆ 0 - <2.70

LYSANDER GOLD CORP.
 PAL PROJECT - NORTH
 Aluminum (ppm)
 Seepage and Talus Fines Survey



Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 15 B
PRIME GEOCHEMICAL METHODS LTD.	

347000 348000 349000 350000 351000 352000 353000 354000
UTM East Coordinates



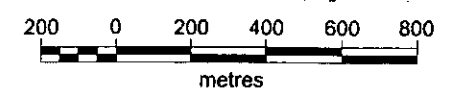
Seepage	Talus Fines
● ≥ 0.100	◆ ≥ 0.730
● 0.080 - <0.100	◆ 0.630 - <0.730
● 0.650 - <0.080	◆ 0.500 - <0.630
● 0.050 - <0.050	◆ 0.380 - <0.500
● 0.040 - <0.040	◆ 0.300 - <0.380
● 0.030 - <0.030	◆ 0.250 - <0.300
● 0 - <0.030	◆ 0 - <0.250

LYSANDER GOLD CORP.

PAL PROJECT - NORTH
Phosphorus (%)

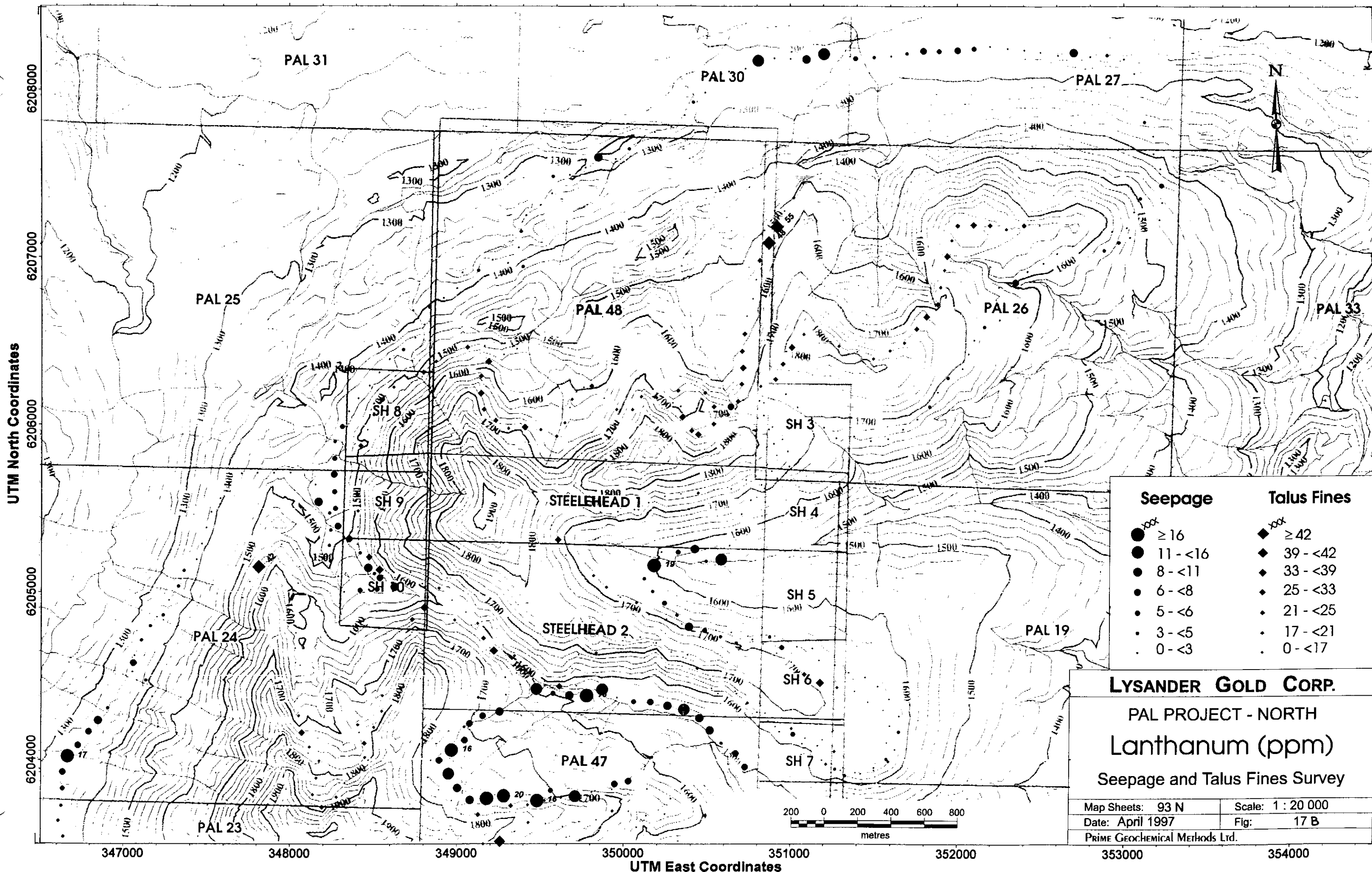
Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 16 B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

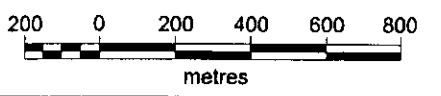
UTM East Coordinates



Seepage	Talus Fines
● ≥ 16	◆ ≥ 42
● 11 - <16	◆ 39 - <42
● 8 - <11	◆ 33 - <39
● 6 - <8	◆ 25 - <33
● 5 - <6	◆ 21 - <25
● 3 - <5	◆ 17 - <21
● 0 - <3	◆ 0 - <17

LYSANDER GOLD CORP.
 PAL PROJECT - NORTH
Lanthanum (ppm)
 Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 17 B
PRIME GEOCHEMICAL METHODS LTD.	

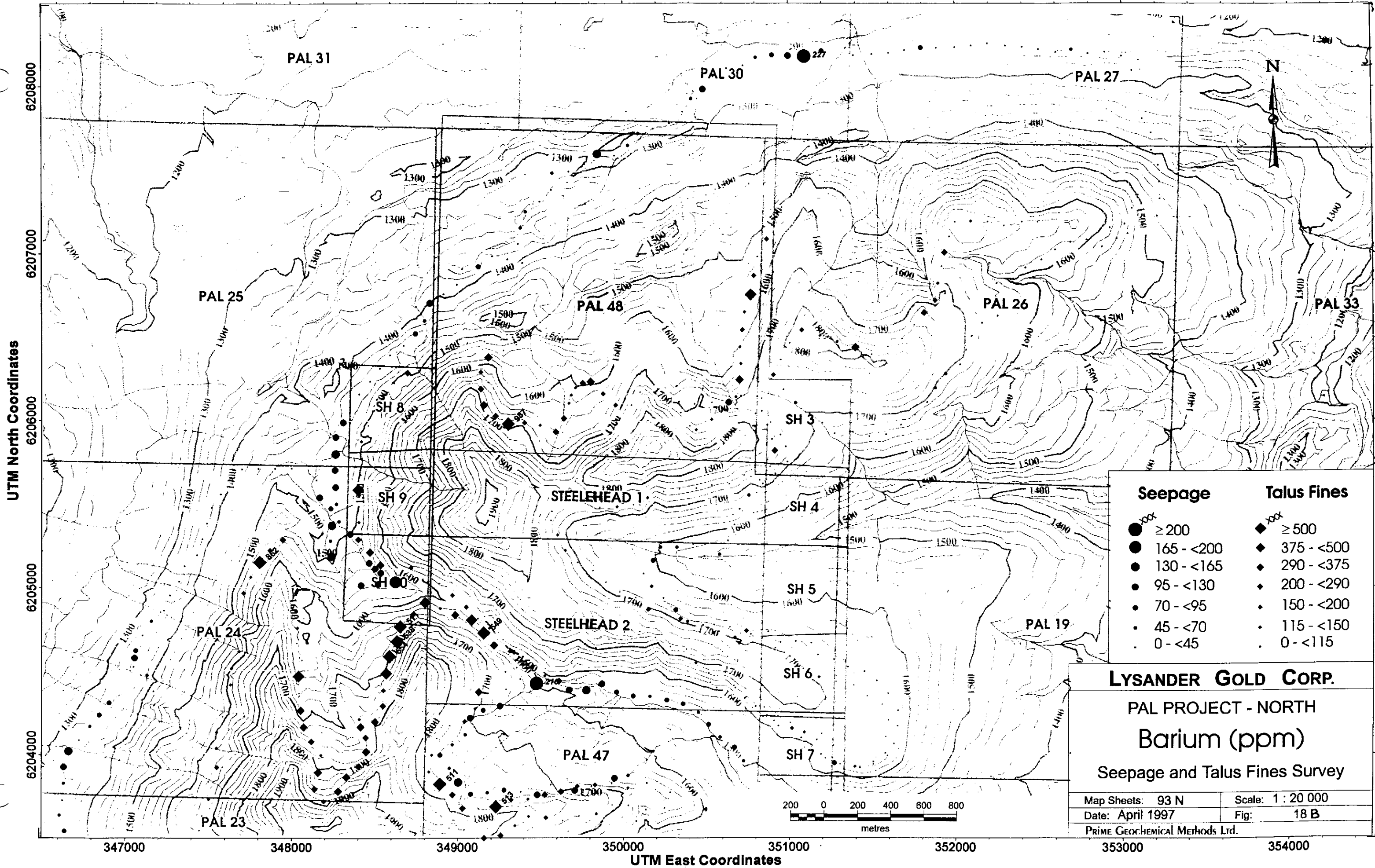


UTM North Coordinates

UTM East Coordinates

6208000
6207000
6206000
6205000
6204000

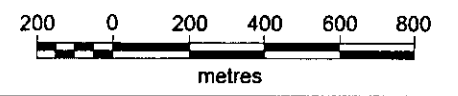
347000 348000 349000 350000 351000 352000 353000 354000



Seepage	Talus Fines
● ≥ 200	◆ ≥ 500
● 165 - <200	◆ 375 - <500
● 130 - <165	◆ 290 - <375
● 95 - <130	◆ 200 - <290
● 70 - <95	◆ 150 - <200
● 45 - <70	◆ 115 - <150
● 0 - <45	◆ 0 - <115

LYSANDER GOLD CORP.
 PAL PROJECT - NORTH
 Barium (ppm)
 Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 18 B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates

UTM East Coordinates

UTM North Coordinates

6208000

6207000

6206000

6205000

6204000

347000

348000

349000

350000

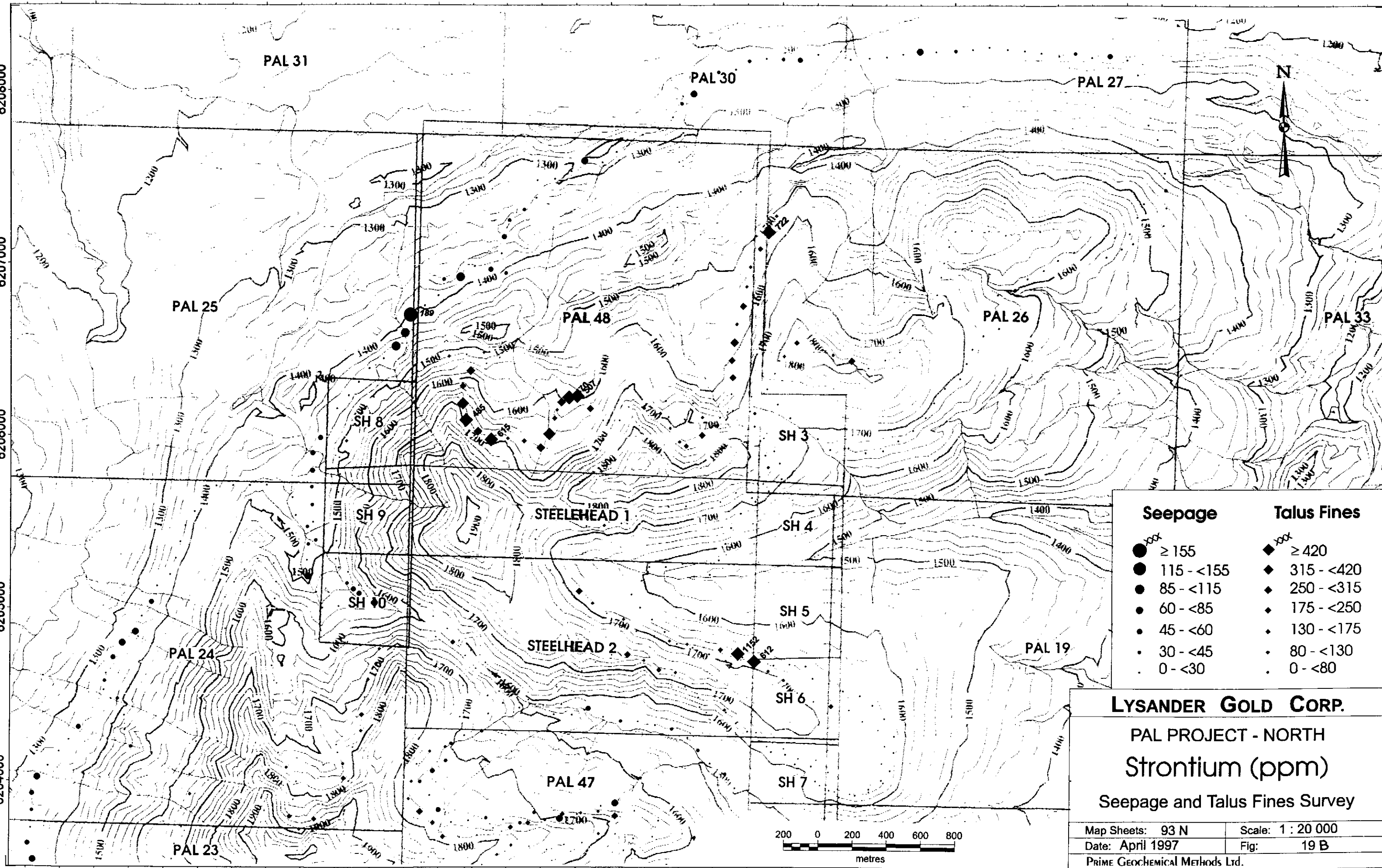
351000

352000

353000

354000

UTM East Coordinates



Seepage

- ≥ 155
- 115 - <155
- 85 - <115
- 60 - <85
- 45 - <60
- 30 - <45
- 0 - <30

Talus Fines

- ◆ ≥ 420
- ◆ 315 - <420
- ◆ 250 - <315
- ◆ 175 - <250
- ◆ 130 - <175
- ◆ 80 - <130
- ◆ 0 - <80

LYSANDER GOLD CORP.

PAL PROJECT - NORTH
Strontium (ppm)

Seepage and Talus Fines Survey

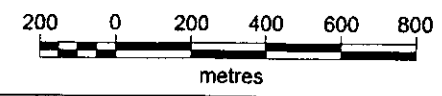
Map Sheets: 93 N

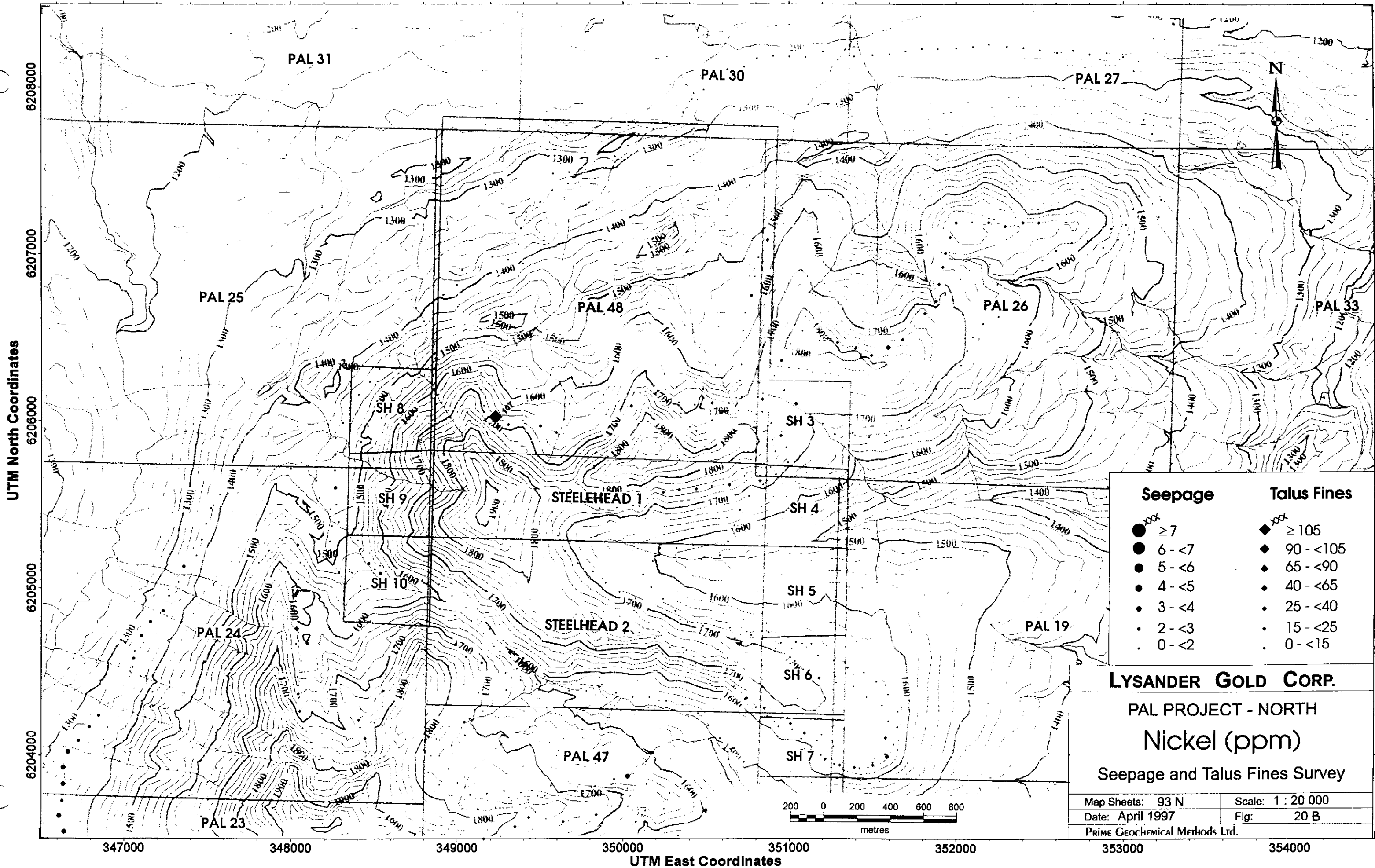
Scale: 1 : 20 000

Date: April 1997

Fig: 19 B

PRIME GEOCHEMICAL METHODS LTD.

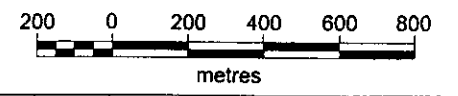




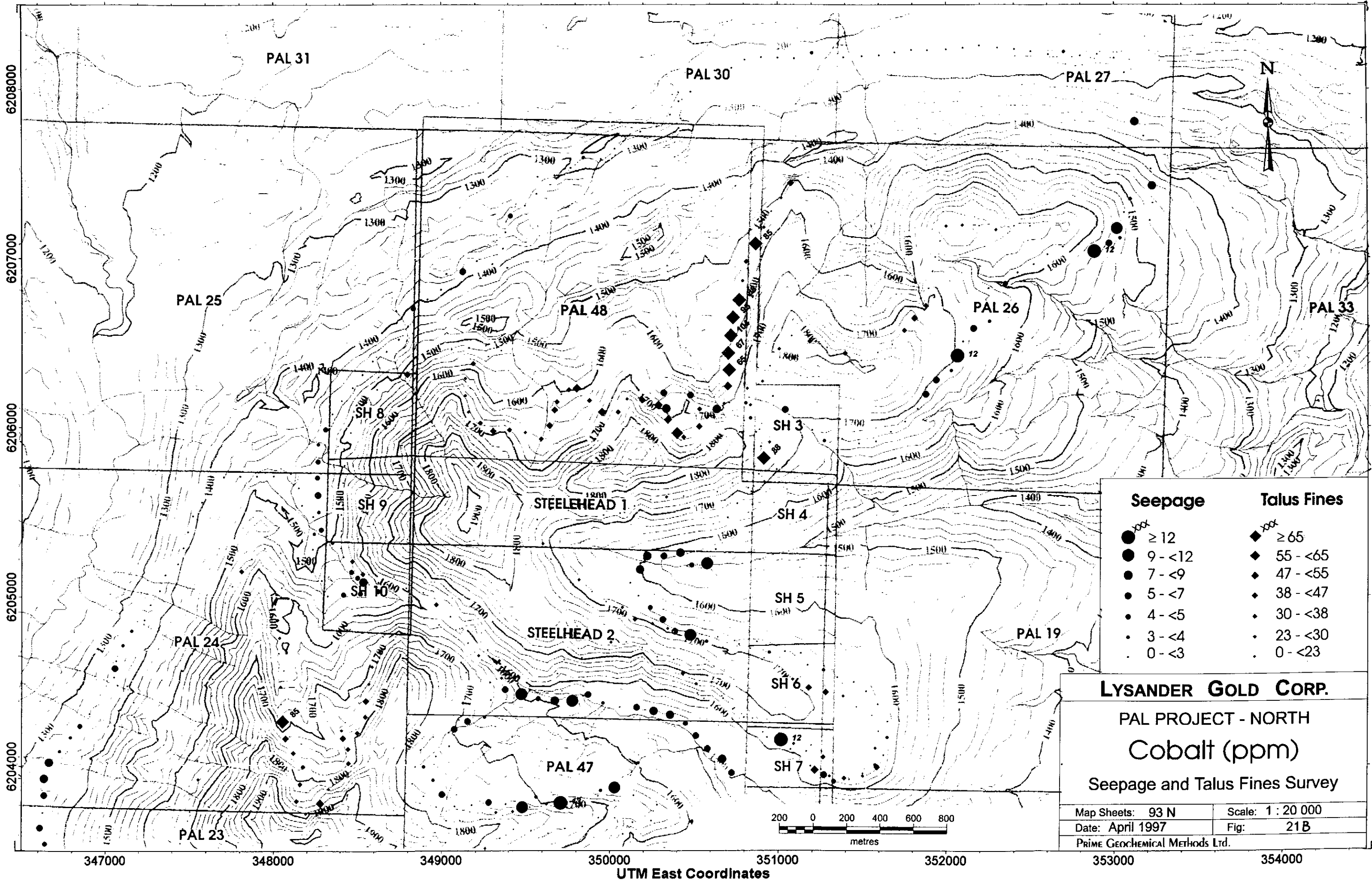
Seepage	Talus Fines
● ≥ 7	◆ ≥ 105
● 6 - <7	◆ 90 - <105
● 5 - <6	◆ 65 - <90
● 4 - <5	◆ 40 - <65
● 3 - <4	◆ 25 - <40
● 2 - <3	◆ 15 - <25
● 0 - <2	◆ 0 - <15

LYSANDER GOLD CORP.
 PAL PROJECT - NORTH
 Nickel (ppm)
 Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 20 B
PRIME GEOCHEMICAL METHODS LTD.	



UTM North Coordinates



Seepage	Talus Fines
● ≥ 12	◆ ≥ 65
● 9 - <12	◆ 55 - <65
● 7 - <9	◆ 47 - <55
● 5 - <7	◆ 38 - <47
● 4 - <5	◆ 30 - <38
● 3 - <4	◆ 23 - <30
● 0 - <3	◆ 0 - <23

LYSANDER GOLD CORP.

PAL PROJECT - NORTH
Cobalt (ppm)

Seepage and Talus Fines Survey

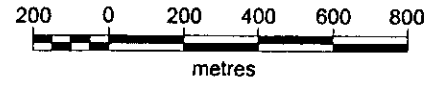
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 21 B

PRIME GEOCHEMICAL METHODS LTD.



UTM East Coordinates

UTM North Coordinates

6208000

6207000

6206000

6205000

6204000

347000

348000

349000

350000

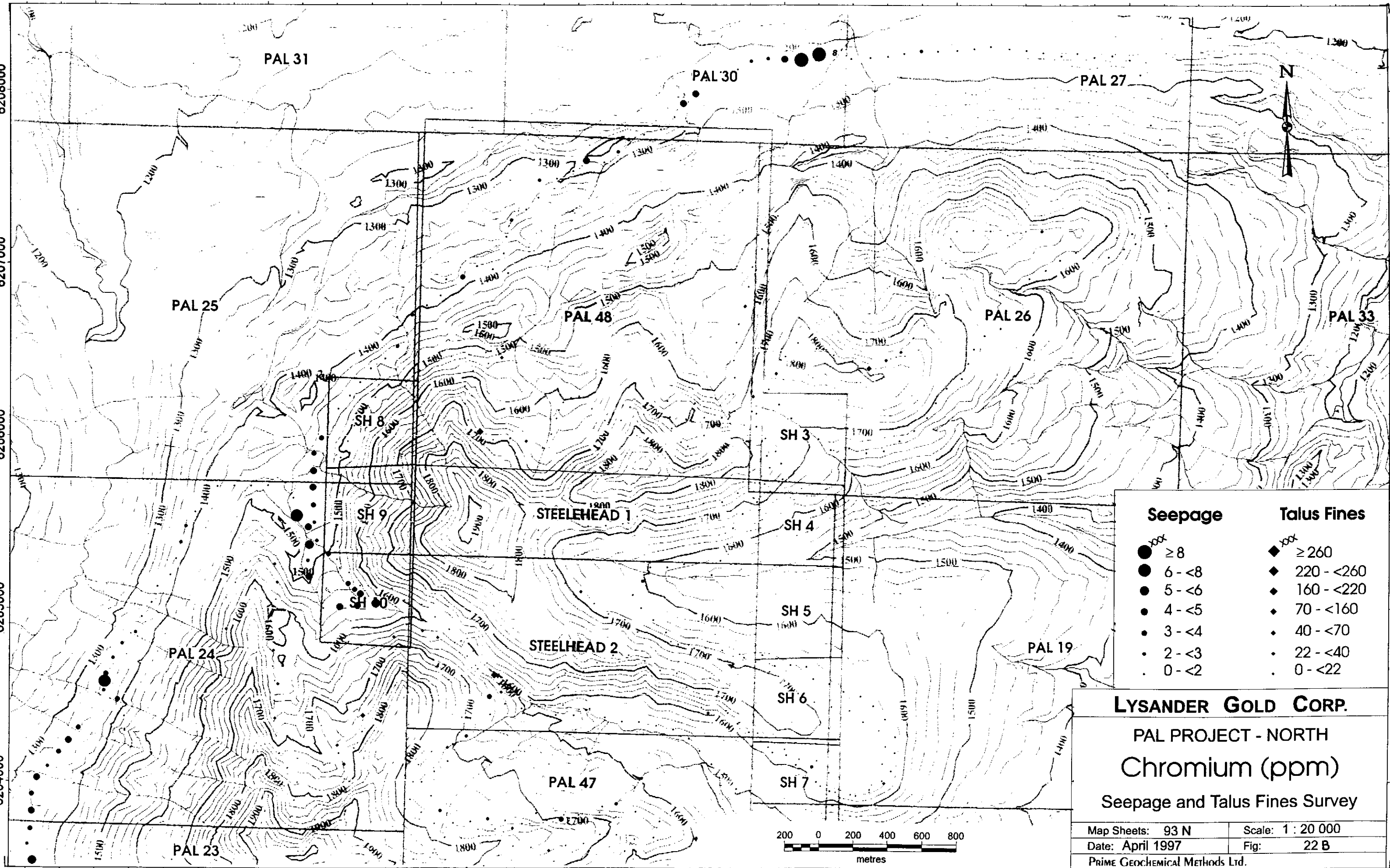
351000

352000

353000

354000

UTM East Coordinates



Seepage

- ≥ 8
- 6 - <8
- 5 - <6
- 4 - <5
- 3 - <4
- 2 - <3
- 0 - <2

Talus Fines

- ◆ ≥ 260
- ◆ 220 - <260
- ◆ 160 - <220
- ◆ 70 - <160
- ◆ 40 - <70
- ◆ 22 - <40
- ◆ 0 - <22

LYSANDER GOLD CORP.

**PAL PROJECT - NORTH
Chromium (ppm)**

Seepage and Talus Fines Survey

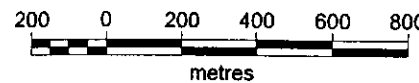
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 22 B

PRIME GEOCHEMICAL METHODS LTD.



UTM North Coordinates

6208000

6207000

6206000

6205000

6204000

347000

348000

349000

350000

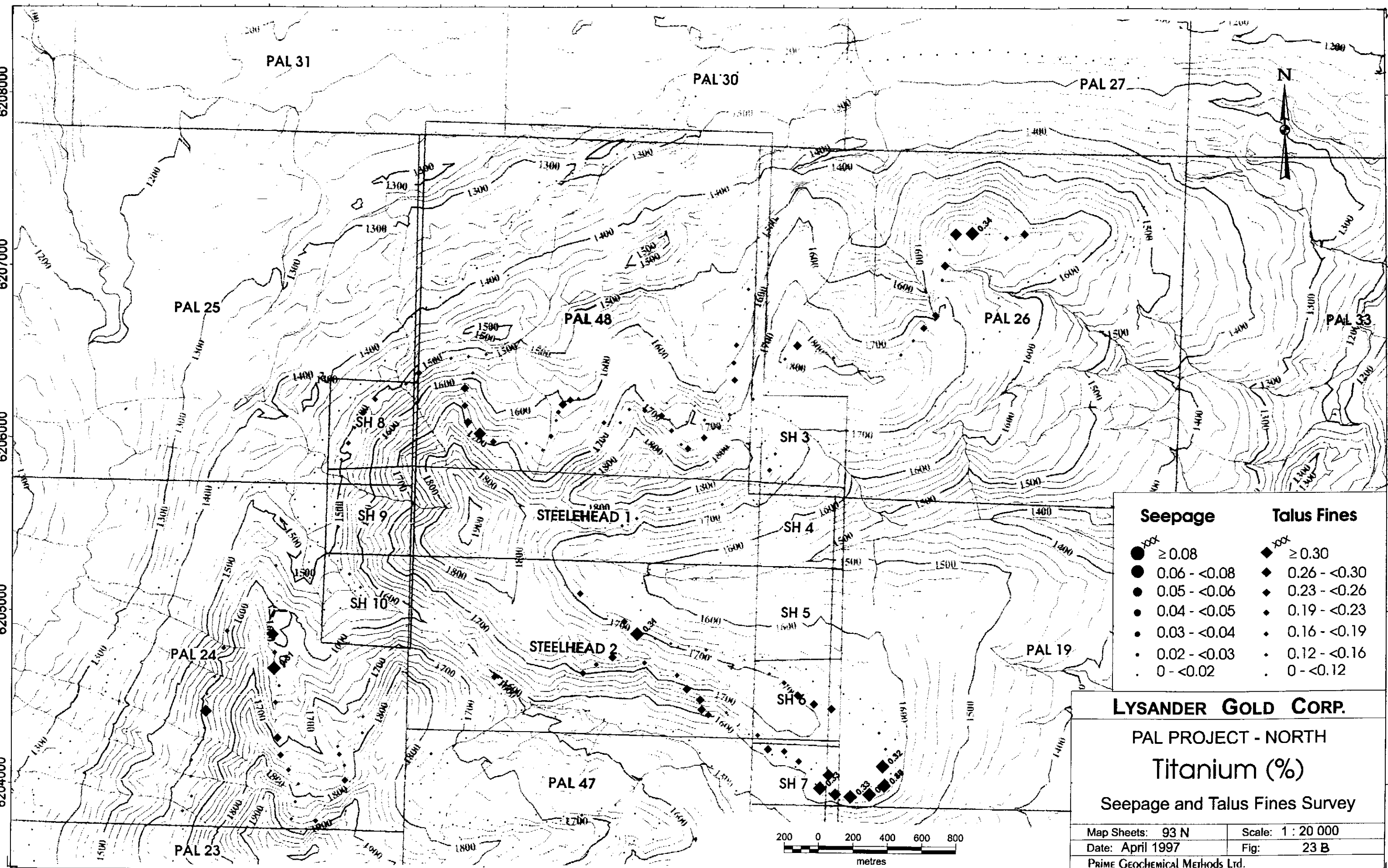
351000

352000

353000

354000

UTM East Coordinates



Seepage	Talus Fines
● ≥ 0.08	◆ ≥ 0.30
● 0.06 - <0.08	◆ 0.26 - <0.30
● 0.05 - <0.06	◆ 0.23 - <0.26
● 0.04 - <0.05	◆ 0.19 - <0.23
● 0.03 - <0.04	◆ 0.16 - <0.19
● 0.02 - <0.03	◆ 0.12 - <0.16
● 0 - <0.02	◆ 0 - <0.12

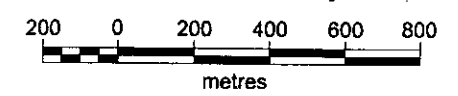
LYSANDER GOLD CORP.

**PAL PROJECT - NORTH
Titanium (%)**

Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 23 B

PRIME GEOCHEMICAL METHODS LTD.



UTM North Coordinates

6208000

6207000

6206000

6205000

6204000

347000

348000

349000

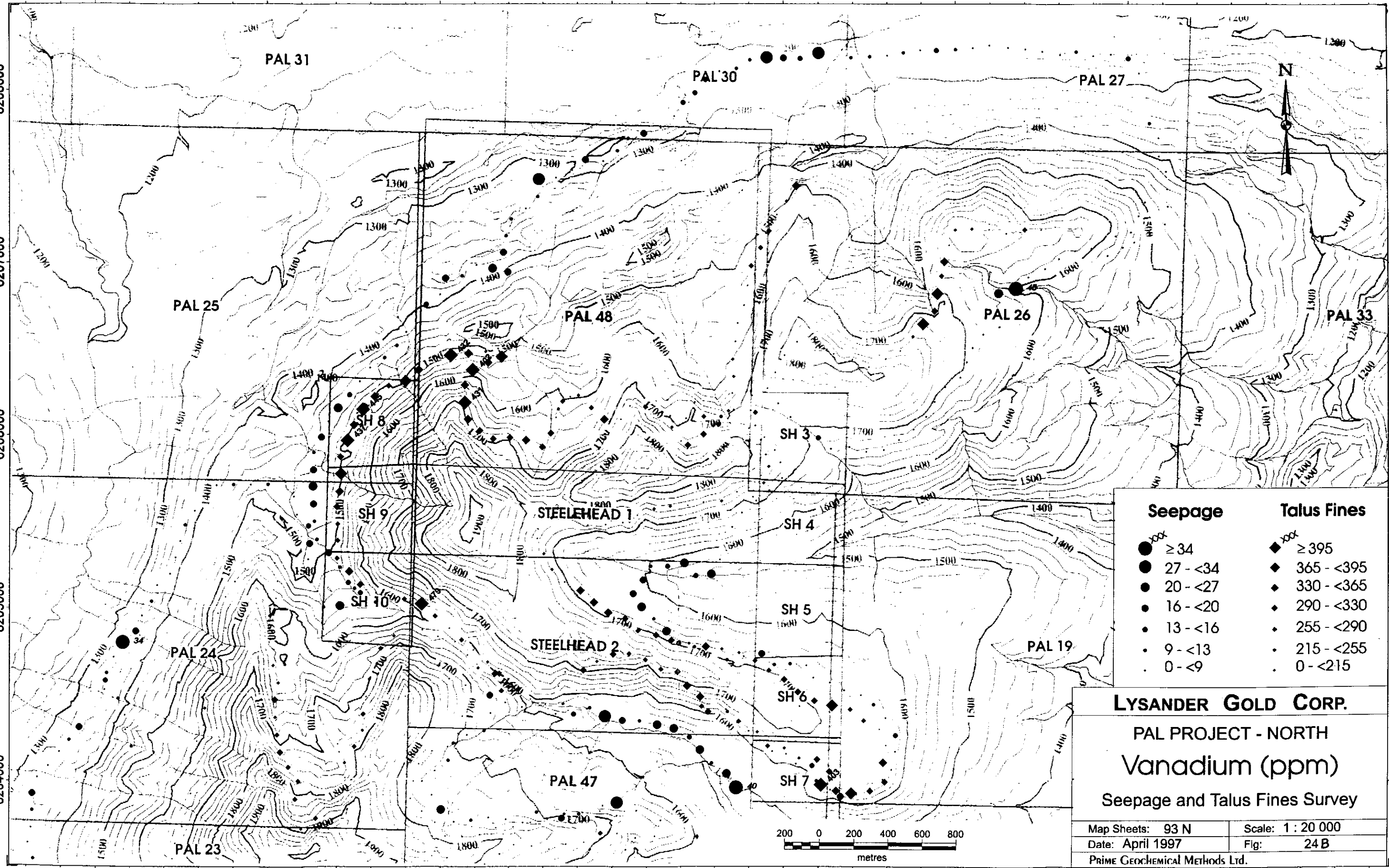
350000

351000

352000

353000

354000



Seepage

- ≥ 34
- 27 - <34
- 20 - <27
- 16 - <20
- 13 - <16
- 9 - <13
- 0 - <9

Talus Fines

- ◆ ≥ 395
- ◆ 365 - <395
- ◆ 330 - <365
- ◆ 290 - <330
- ◆ 255 - <290
- ◆ 215 - <255
- ◆ 0 - <215

LYSANDER GOLD CORP.

PAL PROJECT - NORTH

Vanadium (ppm)

Seepage and Talus Fines Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 24 B

PRIME GEOCHEMICAL METHODS LTD.

UTM North Coordinates

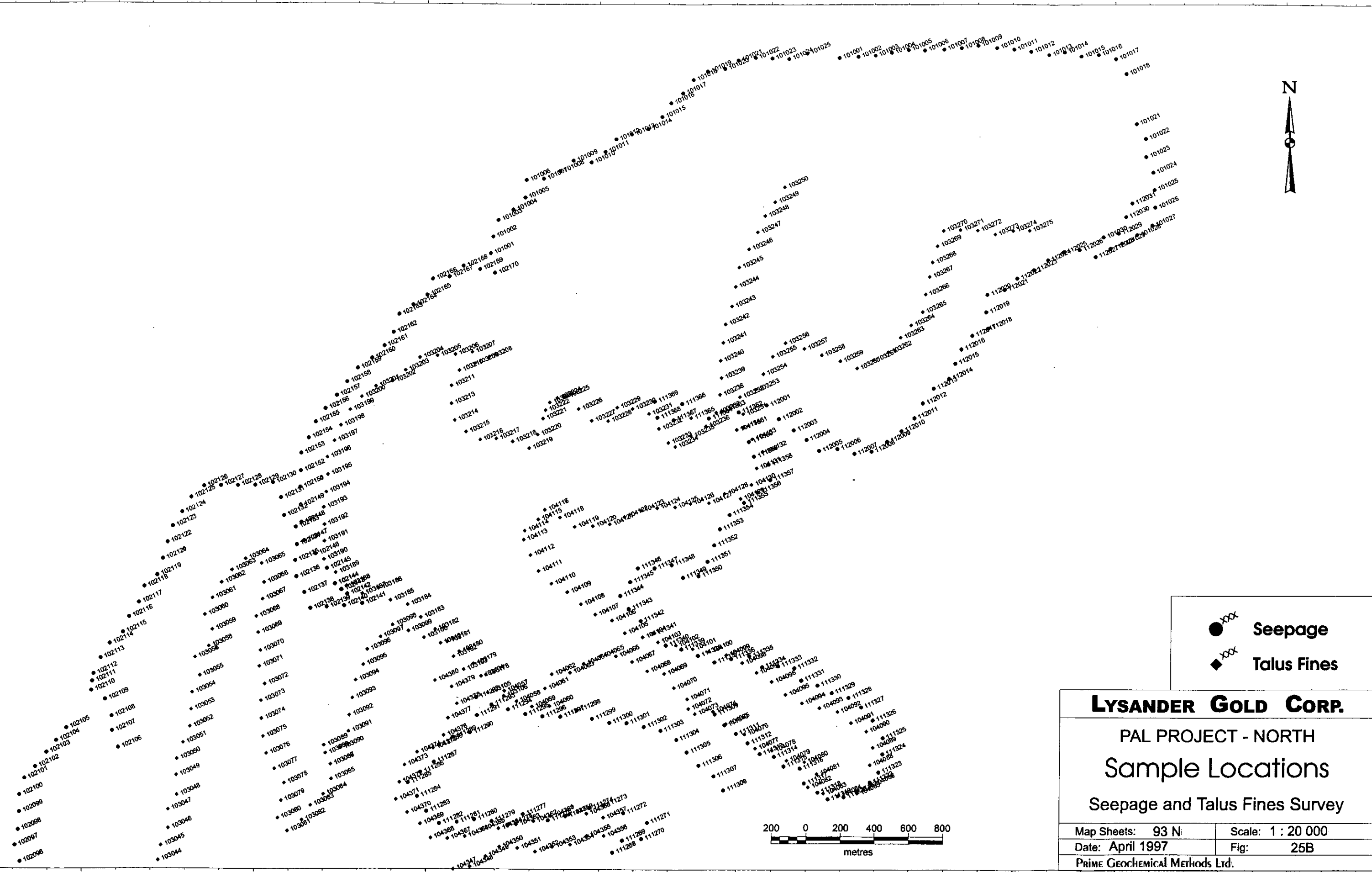
6208000

6207000

6206000

6205000

6204000



	Seepage
	Talus Fines

LYSANDER GOLD CORP.

PAL PROJECT - NORTH

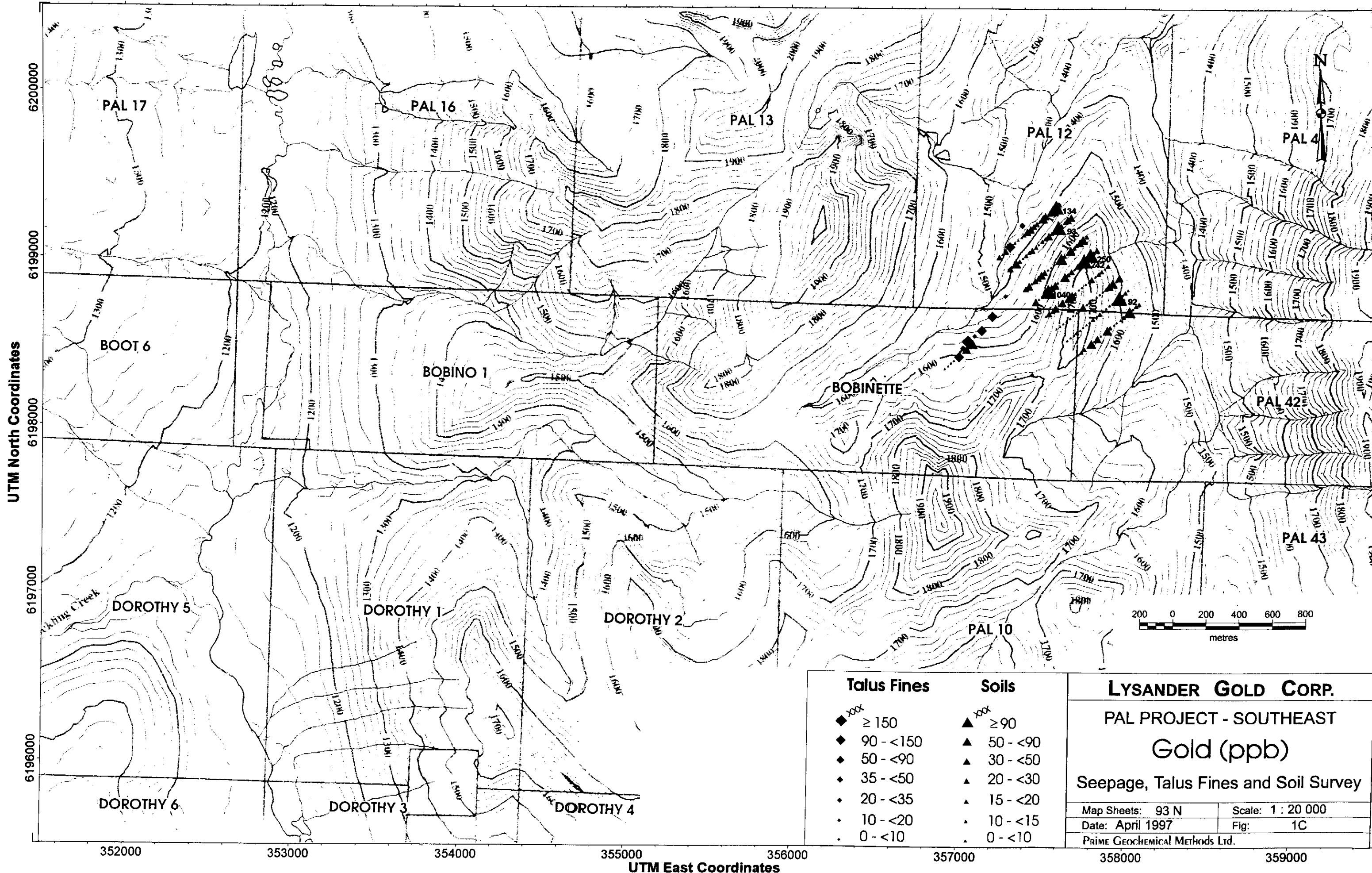
Sample Locations

Seepage and Talus Fines Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 25B
PRIME GEOCHEMICAL METHODS LTD.	

347000 348000 349000 350000 351000 352000 353000 354000

UTM East Coordinates



UTM North Coordinates

UTM East Coordinates

6196000
6197000
6198000
6199000
6200000

352000
353000
354000
355000
356000
357000
358000
359000

Talus Fines	Soils
◆ xxx ≥ 150	▲ xxx ≥ 90
◆ 90 - <150	▲ 50 - <90
◆ 50 - <90	▲ 30 - <50
◆ 35 - <50	▲ 20 - <30
◆ 20 - <35	▲ 15 - <20
◆ 10 - <20	▲ 10 - <15
◆ 0 - <10	▲ 0 - <10

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

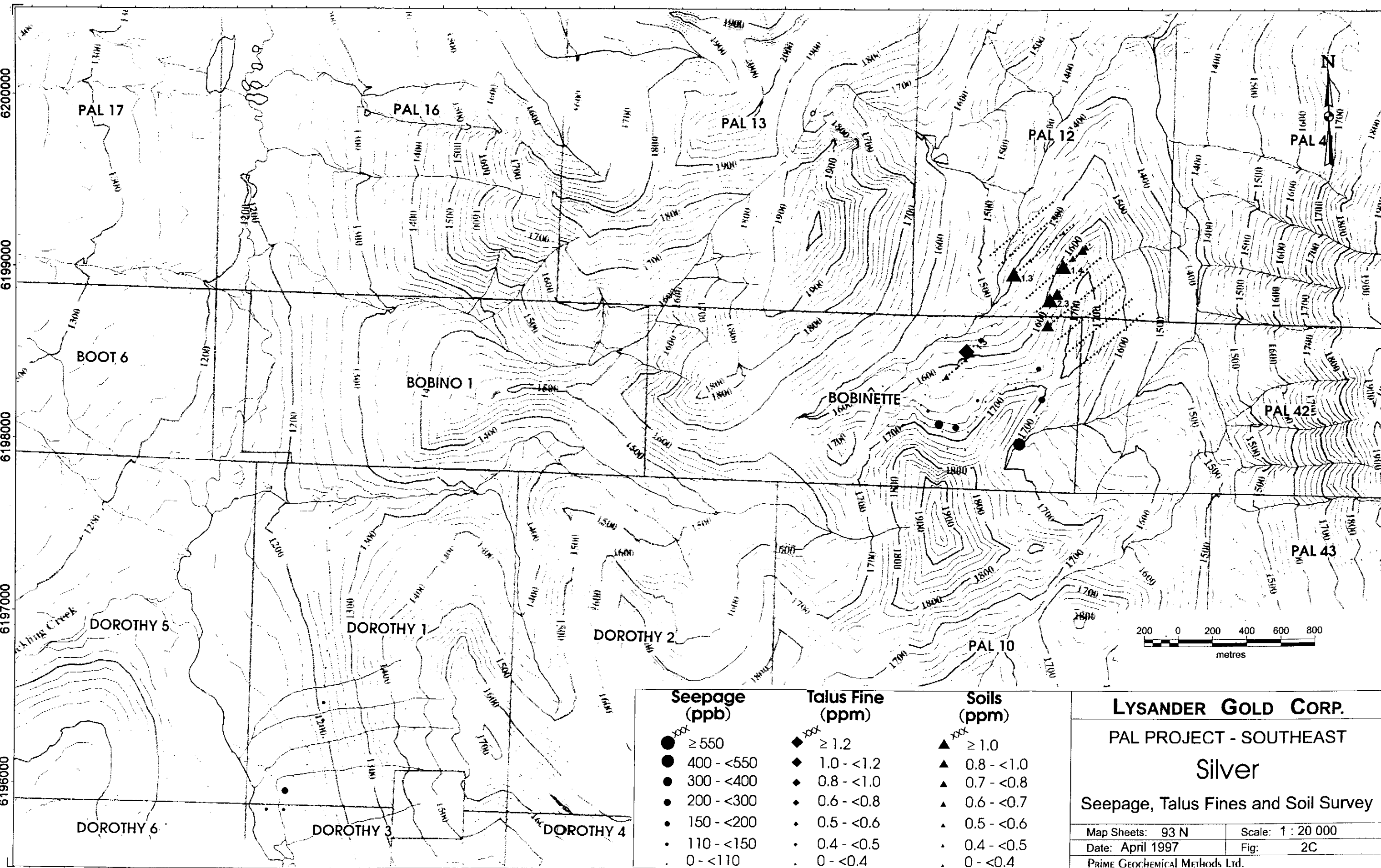
Gold (ppb)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 1C
PRIME GEOCHEMICAL METHODS LTD.	

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates

Seepage (ppb)	Talus Fine (ppm)	Soils (ppm)
● ^{xxx} ≥ 550	◆ ^{xxx} ≥ 1.2	▲ ^{xxx} ≥ 1.0
● 400 - <450	◆ 1.0 - <1.2	▲ 0.8 - <1.0
● 300 - <400	◆ 0.8 - <1.0	▲ 0.7 - <0.8
● 200 - <300	◆ 0.6 - <0.8	▲ 0.6 - <0.7
● 150 - <200	◆ 0.5 - <0.6	▲ 0.5 - <0.6
● 110 - <150	◆ 0.4 - <0.5	▲ 0.4 - <0.5
● 0 - <110	◆ 0 - <0.4	▲ 0 - <0.4

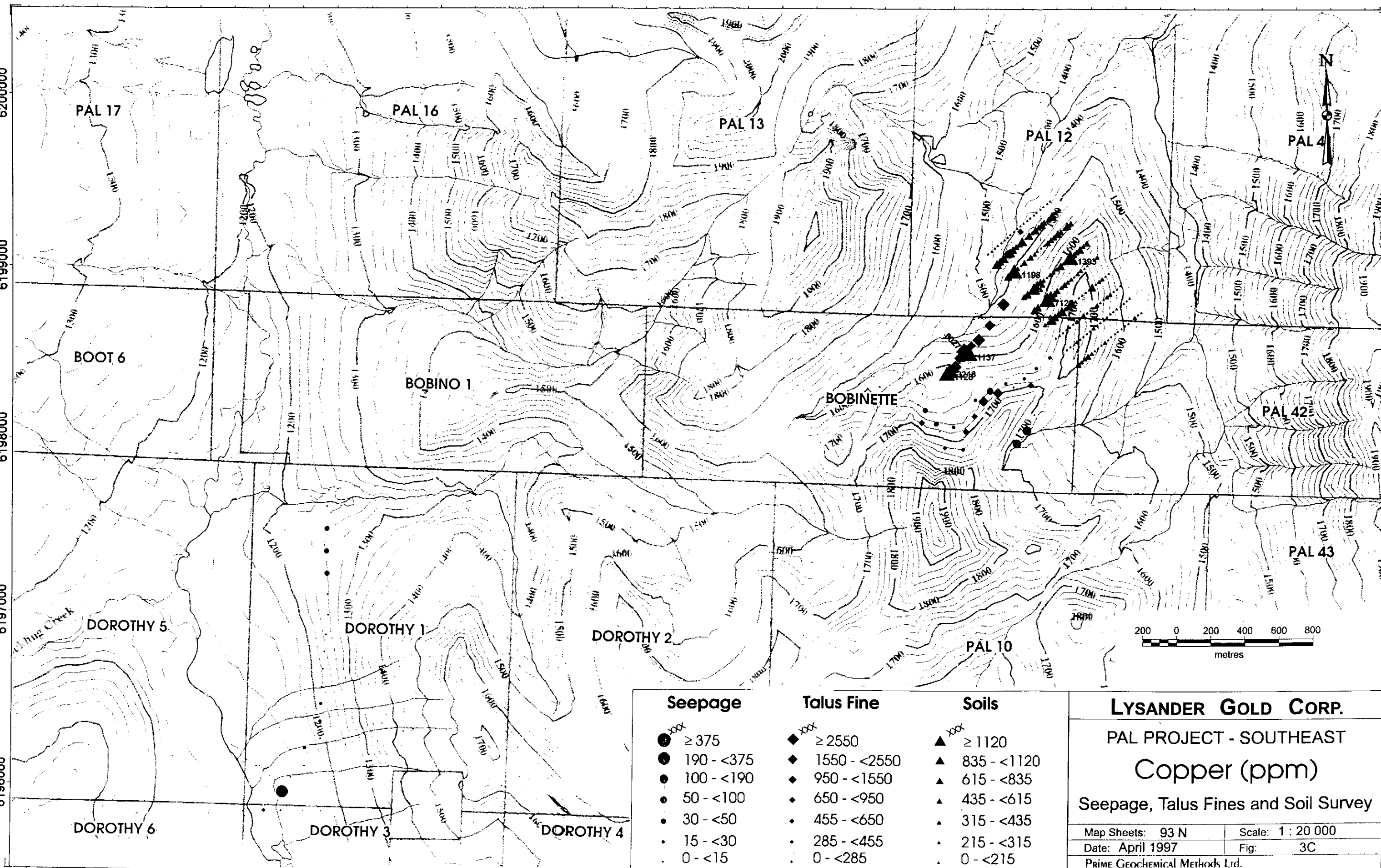
LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Silver

Seepage, Talus Fines and Soils Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 2C
PRIME GEOCHEMICAL METHODS LTD.	

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates

Seepage	Talus Fine	Soils
● ≥ 375	◆ ≥ 2550	▲ ≥ 1120
● 190 - <375	◆ 1550 - <2550	▲ 835 - <1120
● 100 - <190	◆ 950 - <1550	▲ 615 - <835
● 50 - <100	◆ 650 - <950	▲ 435 - <615
● 30 - <50	◆ 455 - <650	▲ 315 - <435
● 15 - <30	◆ 285 - <455	▲ 215 - <315
● 0 - <15	◆ 0 - <285	▲ 0 - <215

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Copper (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 3C

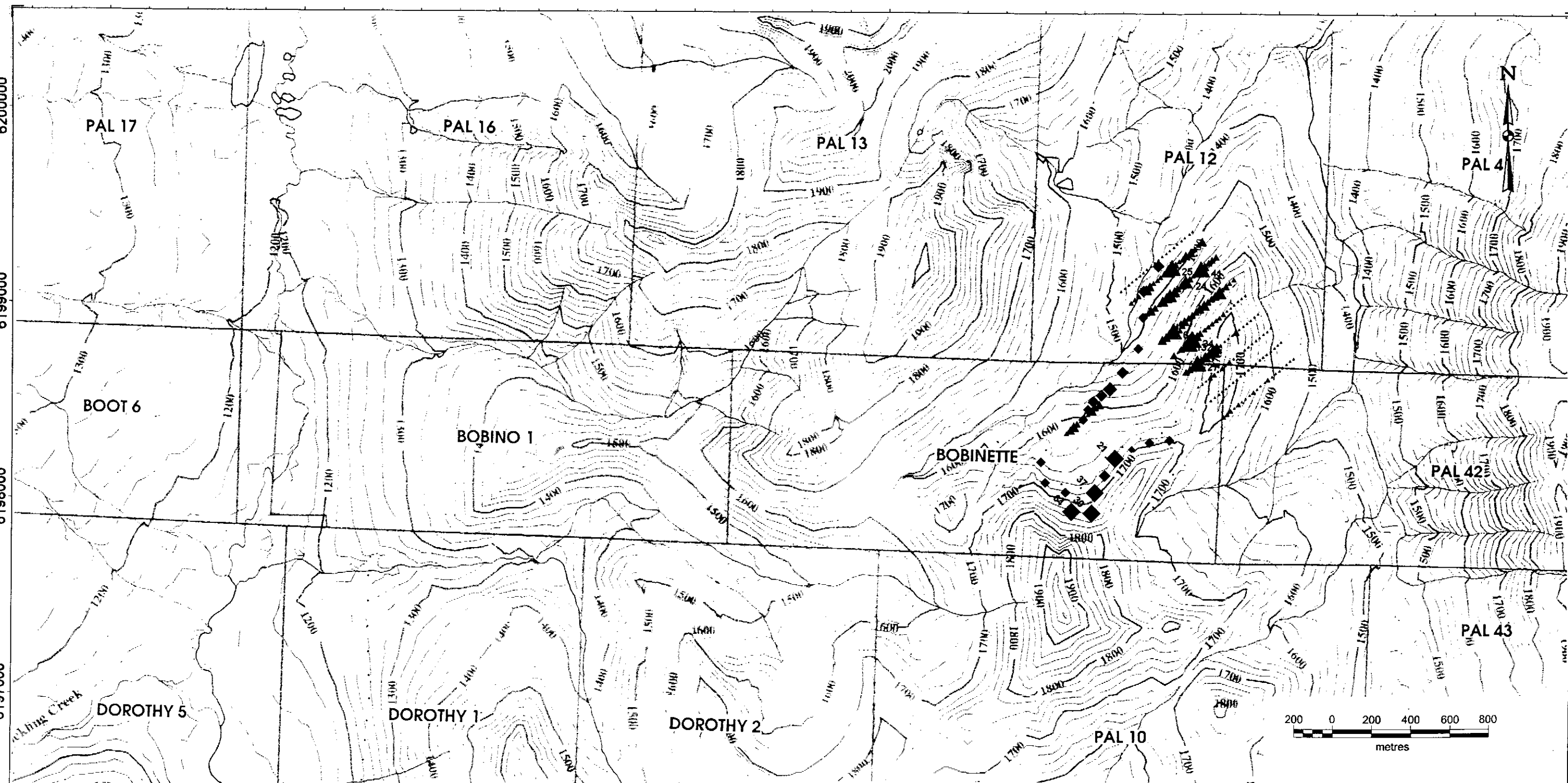
PRIME GEOCHEMICAL METHODS LTD.

UTM North Coordinates

620000
6199000
6198000
6197000
6196000

352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 0.7	◆ ^{xxx} ≥ 20	▲ ^{xxx} ≥ 25
● 0.6 - <0.7	◆ 16 - <20	▲ 21 - <25
● 0.5 - <0.6	◆ 10 - <16	▲ 15 - <21
● 0.4 - <0.5	◆ 5 - <10	▲ 10 - <15
● 0.3 - <0.4	◆ 3 - <5	▲ 6 - <10
● 0.2 - <0.3	◆ 2 - <3	▲ 3 - <6
● 0 - <0.2	◆ 0 - <2	▲ 0 - <3

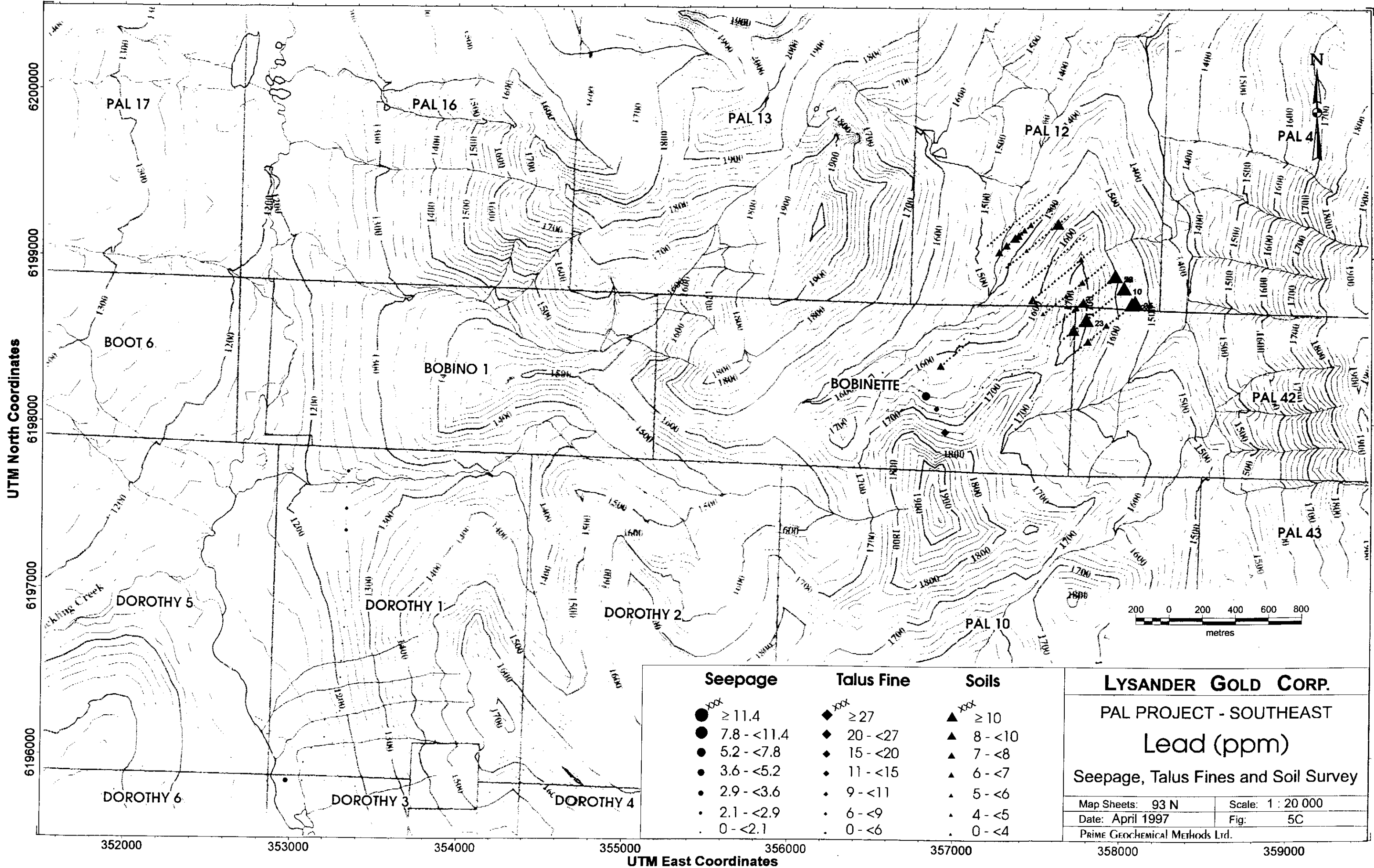
LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Molybdenum (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 4C
PRIME GEOCHEMICAL METHODS LTD.	



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 11.4	◆ ^{xxx} ≥ 27	▲ ^{xxx} ≥ 10
● 7.8 - <11.4	◆ 20 - <27	▲ 8 - <10
● 5.2 - <7.8	◆ 15 - <20	▲ 7 - <8
● 3.6 - <5.2	◆ 11 - <15	▲ 6 - <7
● 2.9 - <3.6	◆ 9 - <11	▲ 5 - <6
● 2.1 - <2.9	◆ 6 - <9	▲ 4 - <5
● 0 - <2.1	◆ 0 - <6	▲ 0 - <4

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Lead (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 5C
PRIME GEOCHEMICAL METHODS LTD.	

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000

352000

353000

354000

355000

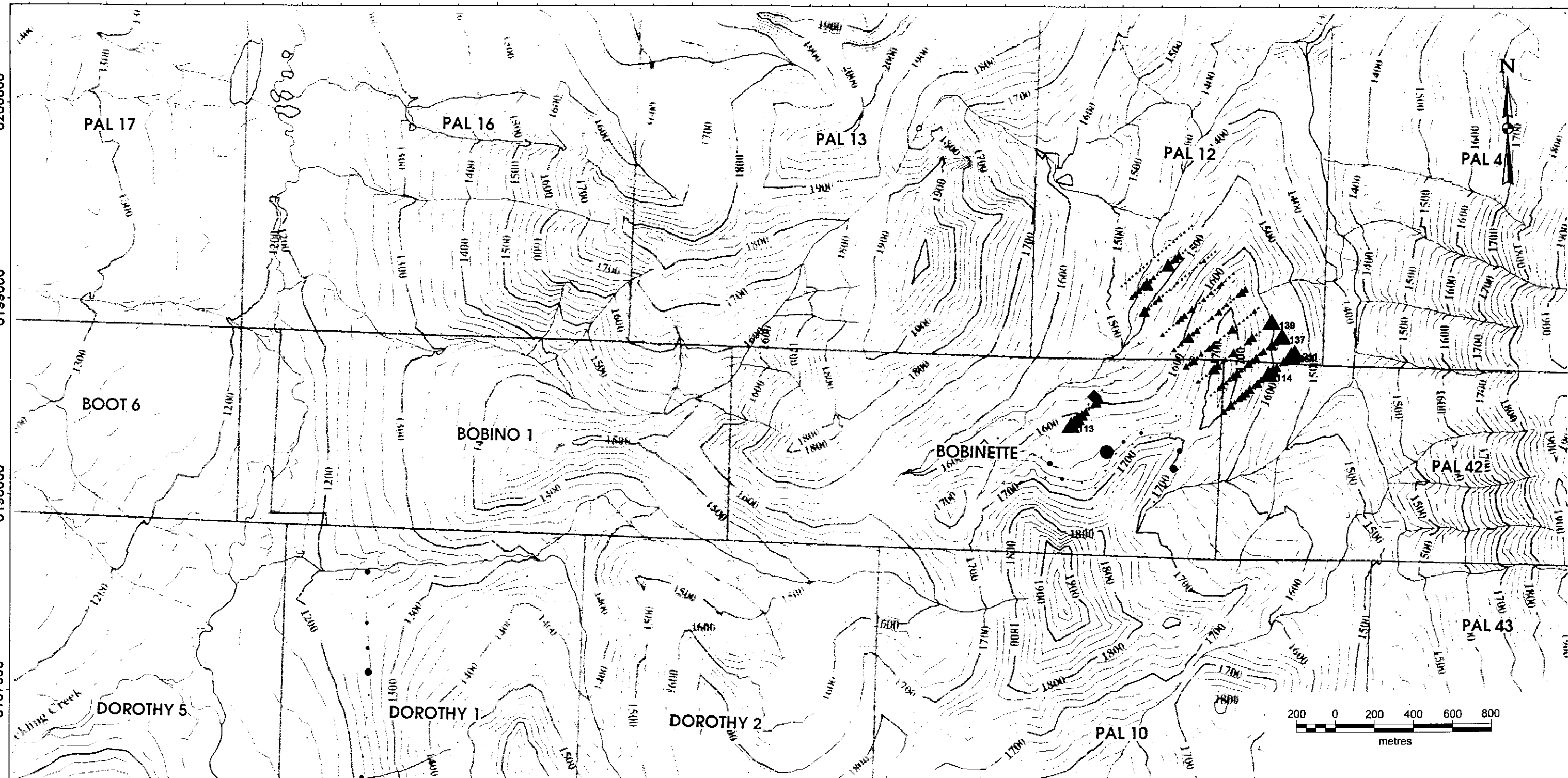
356000

357000

358000

359000

UTM East Coordinates



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 31.2	◆ ^{xxx} ≥ 260	▲ ^{xxx} ≥ 112
● 25.7 - <31.2	◆ 210 - <260	▲ 95 - <112
● 20.9 - <25.7	◆ 180 - <210	▲ 79 - <95
● 16.7 - <20.9	◆ 155 - <180	▲ 64 - <79
● 14.1 - <16.7	◆ 135 - <155	▲ 59 - <64
● 11.5 - <14.1	◆ 115 - <135	▲ 52 - <59
● 0 - <11.5	◆ 0 - <115	▲ 0 - <52

LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Zinc (ppm)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 6C
PRIME GEOCHEMICAL METHODS LTD.	

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000

PAL 17

PAL 16

PAL 13

PAL 12

PAL 4

BOOT 6

BOBINO 1

BOBINETTE

PAL 42

DOROTHY 5

DOROTHY 1

DOROTHY 2

PAL 10

PAL 43

DOROTHY 6

DOROTHY 3

DOROTHY 4

352000

353000

354000

355000

356000

357000

358000

359000

UTM East Coordinates

Seepage

- xxx ≥ 3.2
- 2.0 - <3.2
- 1.3 - <2.0
- 1.0 - <1.3
- 0.8 - <1.0
- 0.6 - <0.8
- 0 - <0.6

Talus Fine

- ◆ xxx ≥ 30
- ◆ 12 - <30
- ◆ 8 - <12
- ◆ 5 - <8
- ◆ 4 - <5
- ◆ 3 - <4
- ◆ 0 - <3

Soils

- ▲ xxx ≥ 88
- ▲ 49 - <88
- ▲ 18 - <49
- ▲ 8 - <18
- ▲ 4 - <8
- ▲ 3 - <4
- ▲ 0 - <3

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Arsenic (ppm)

Seepage, Talus Fines and Soil Survey

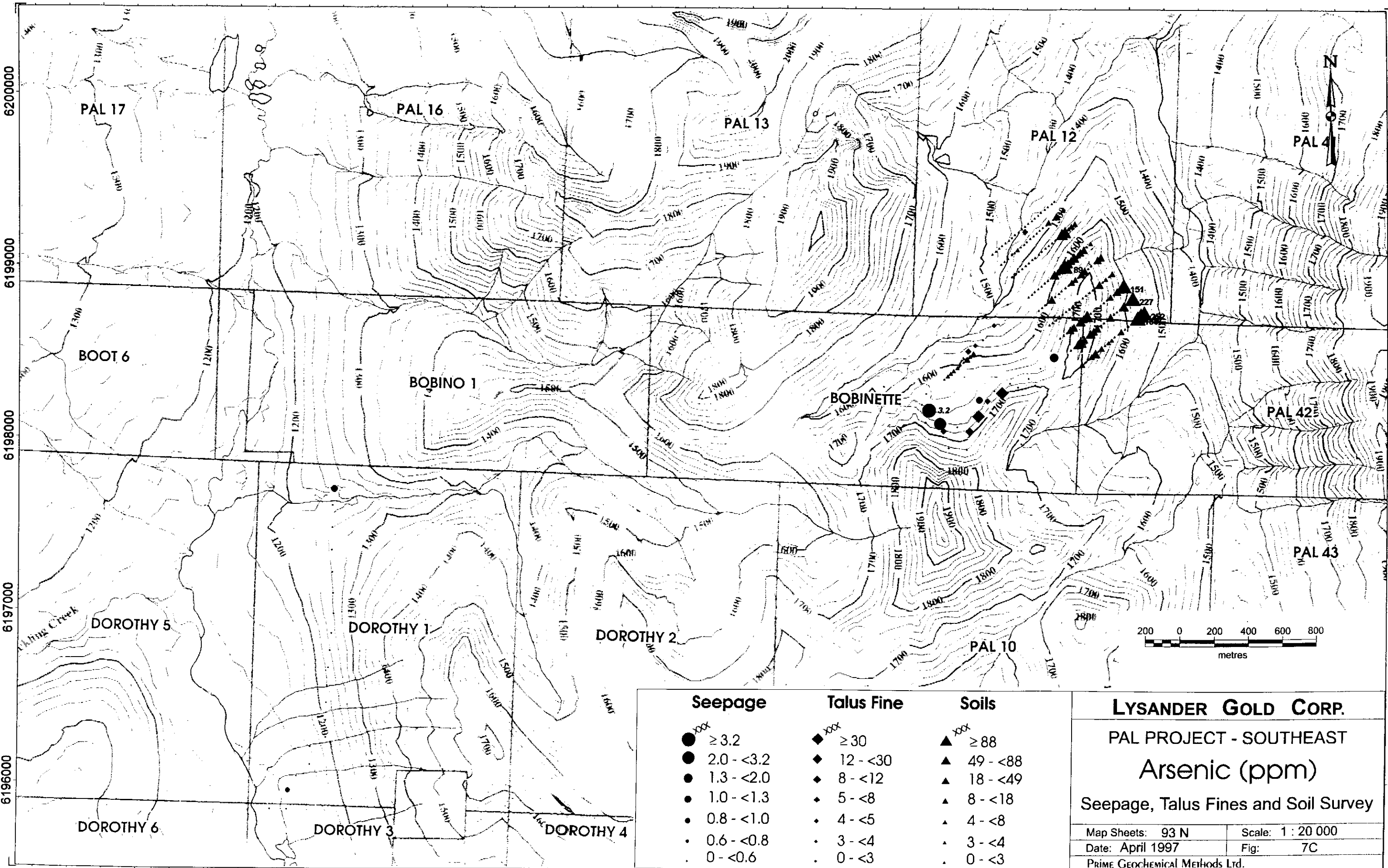
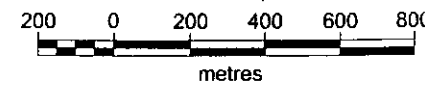
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

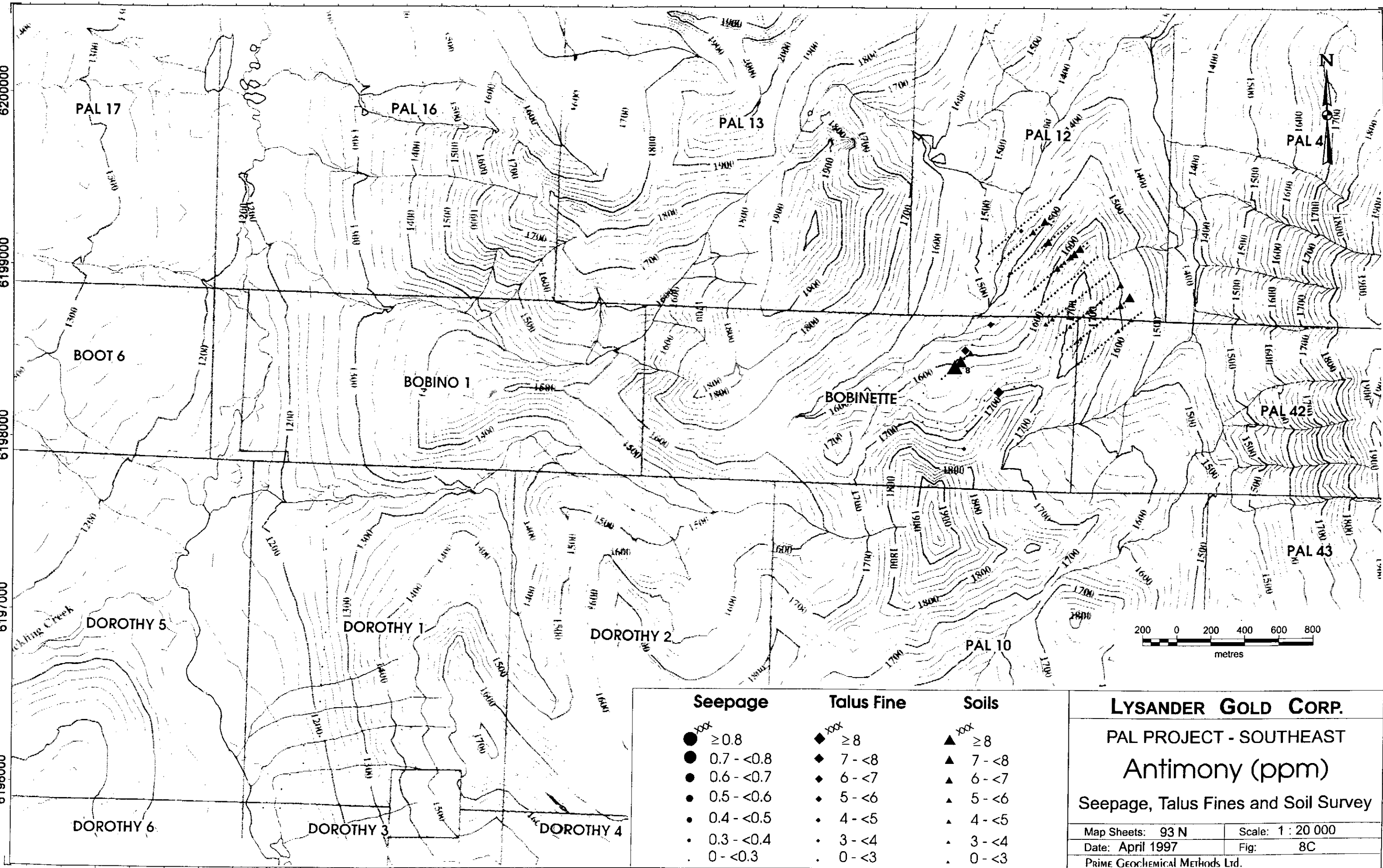
Fig: 7C

PRIME GEOCHEMICAL METHODS LTD.



UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates

Seepage	Talus Fine	Soils
● ^{xxx} ≥ 0.8	◆ ^{xxx} ≥ 8	▲ ^{xxx} ≥ 8
● 0.7 - <0.8	◆ 7 - <8	▲ 7 - <8
● 0.6 - <0.7	◆ 6 - <7	▲ 6 - <7
● 0.5 - <0.6	◆ 5 - <6	▲ 5 - <6
● 0.4 - <0.5	◆ 4 - <5	▲ 4 - <5
● 0.3 - <0.4	◆ 3 - <4	▲ 3 - <4
● 0 - <0.3	◆ 0 - <3	▲ 0 - <3

LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Antimony (ppm)
Seepage, Talus Fines and Soil Survey

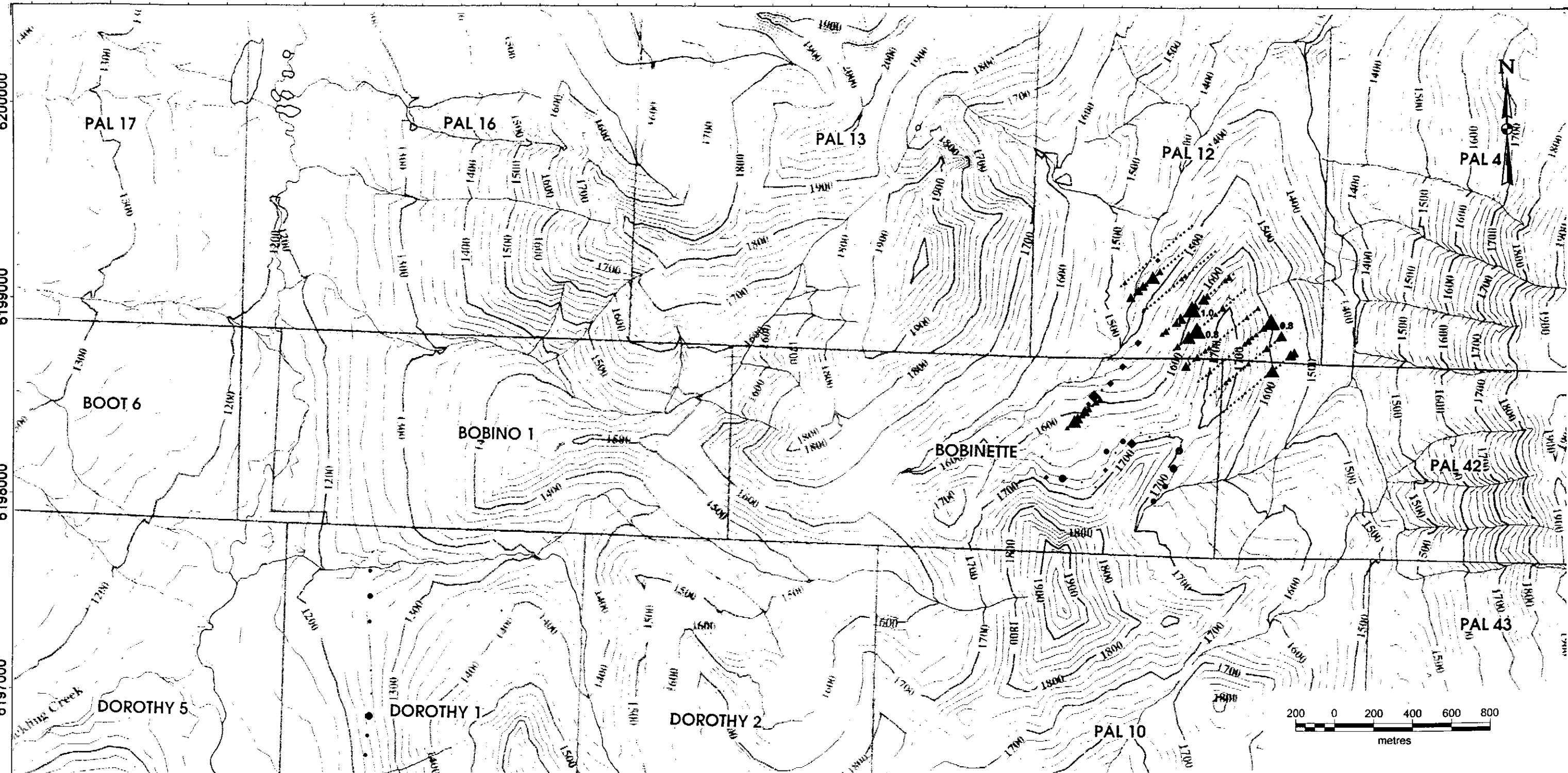
Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 8C
PRIME GEOCHEMICAL METHODS LTD.	

UTM North Coordinates

620000
6199000
6198000
6197000
6196000

352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates



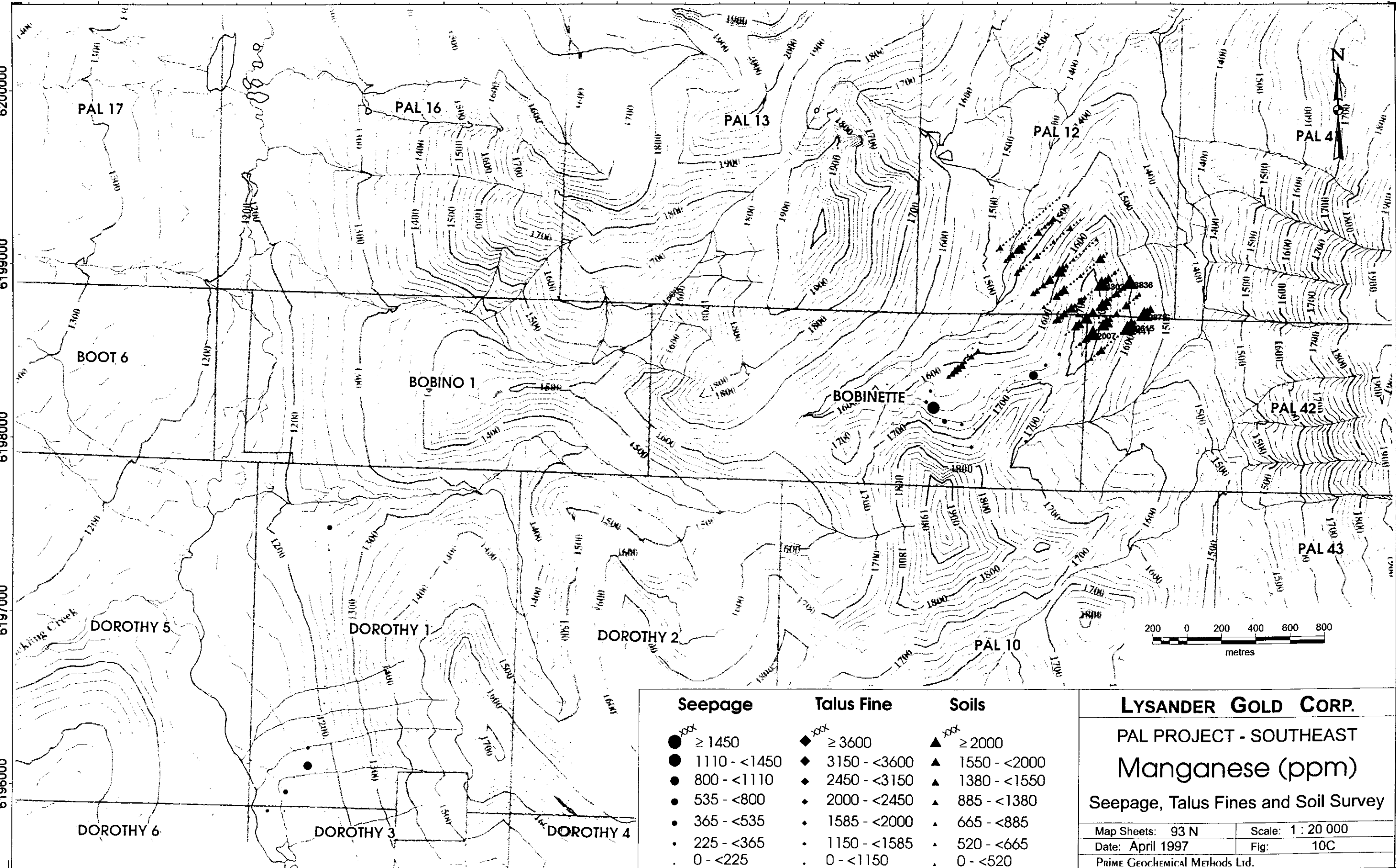
Seepage	Talus Fine	Soils
● ^{xxx} ≥ 0.63	◆ ^{xxx} ≥ 2.4	▲ ^{xxx} ≥ 0.8
● 0.43 - <0.63	◆ 1.8 - <2.4	▲ 0.7 - <0.8
● 0.29 - <0.43	◆ 1.0 - <1.8	▲ 0.6 - <0.7
● 0.17 - <0.29	◆ 0.6 - <1.0	▲ 0.5 - <0.6
● 0.11 - <0.17	◆ 0.4 - <0.6	▲ 0.4 - <0.5
● 0.07 - <0.11	◆ 0.3 - <0.4	▲ 0.3 - <0.4
● 0 - <0.07	◆ 0 - <0.3	▲ 0 - <0.3

LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Cadmium (ppm)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 9C
PRIME GEOCHEMICAL METHODS LTD.	

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates

Seepage	Talus Fine	Soils
● ^{xxx} ≥ 1450	◆ ^{xxx} ≥ 3600	▲ ^{xxx} ≥ 2000
● 1110 - <1450	◆ 3150 - <3600	▲ 1550 - <2000
● 800 - <1110	◆ 2450 - <3150	▲ 1380 - <1550
● 535 - <800	◆ 2000 - <2450	▲ 885 - <1380
● 365 - <535	◆ 1585 - <2000	▲ 665 - <885
● 225 - <365	◆ 1150 - <1585	▲ 520 - <665
● 0 - <225	◆ 0 - <1150	▲ 0 - <520

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Manganese (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 10C
PRIME Geochemical Methods Ltd.	

UTM North Coordinates

6200000

6199000

6198000

6197000

6196000

PAL 17

PAL 16

PAL 13

PAL 12

PAL 4

BOOT 6

BOBINO 1

BOBINETTE

PAL 42

PAL 43

DOROTHY 5

DOROTHY 1

DOROTHY 2

PAL 10

DOROTHY 6

DOROTHY 3

DOROTHY 4



Seepage

- ≥ 0.68
- 0.56 - <0.68
- 0.44 - <0.56
- 0.36 - <0.44
- 0.30 - <0.36
- 0.25 - <0.30
- 0 - <0.25

Talus Fine

- ◆ ≥ 10.10
- ◆ 9.55 - <10.10
- ◆ 8.45 - <9.55
- ◆ 7.60 - <8.45
- ◆ 7.00 - <7.60
- ◆ 6.25 - <7.00
- ◆ 0 - <6.25

Soils

- ▲ ≥ 9.60
- ▲ 8.45 - <9.60
- ▲ 7.75 - <8.45
- ▲ 6.65 - <7.75
- ▲ 6.22 - <6.65
- ▲ 5.45 - <6.22
- ▲ 0 - <5.45

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Iron (%)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 11C

PRIME GEOCHEMICAL METHODS LTD.

352000

353000

354000

355000

356000

357000

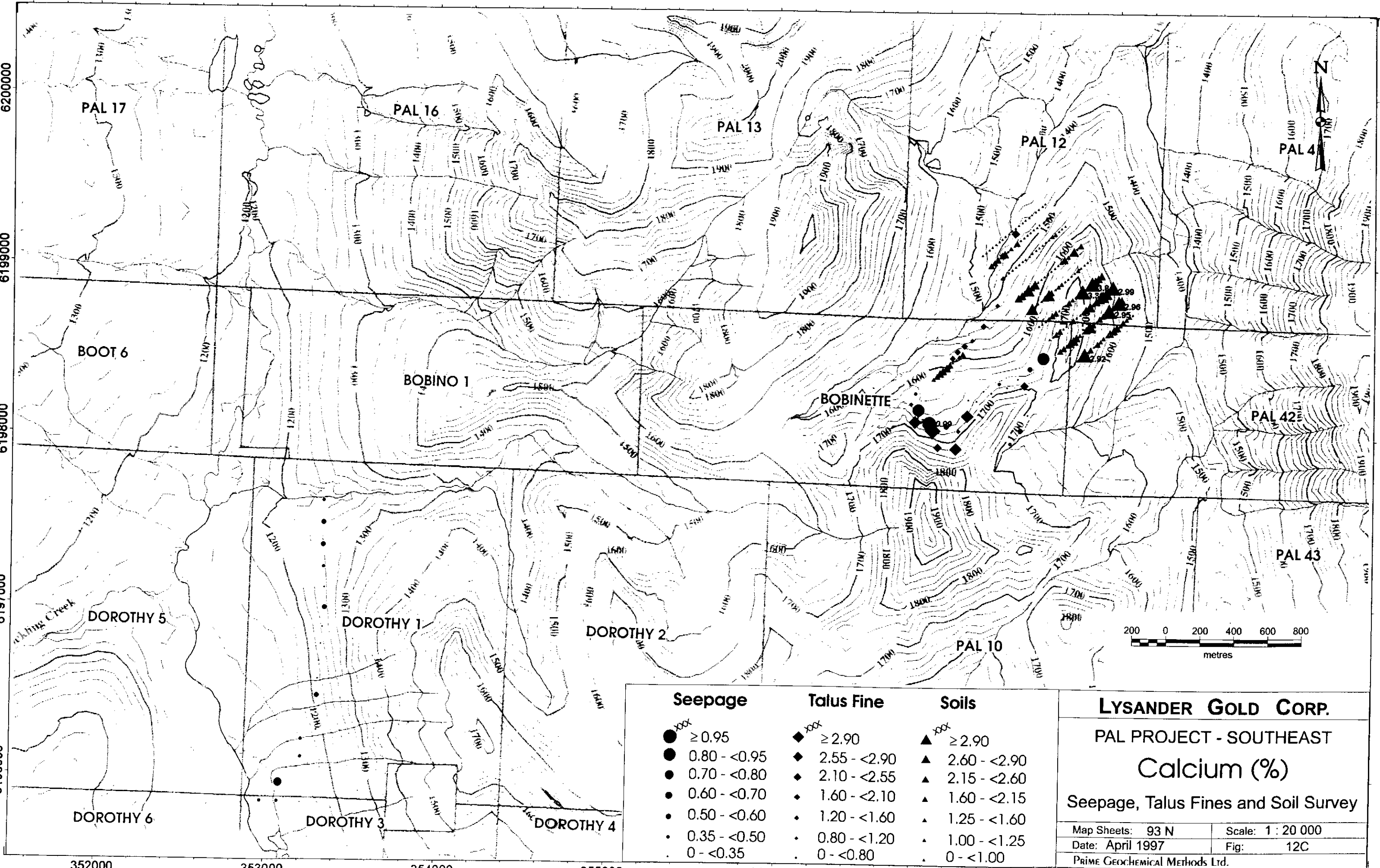
358000

359000

UTM East Coordinates

UTM North Coordinates

6200000
6199000
6198000
6197000
6196000



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 0.95	◆ ^{xxx} ≥ 2.90	▲ ^{xxx} ≥ 2.90
● 0.80 - <0.95	◆ 2.55 - <2.90	▲ 2.60 - <2.90
● 0.70 - <0.80	◆ 2.10 - <2.55	▲ 2.15 - <2.60
● 0.60 - <0.70	◆ 1.60 - <2.10	▲ 1.60 - <2.15
● 0.50 - <0.60	◆ 1.20 - <1.60	▲ 1.25 - <1.60
● 0.35 - <0.50	◆ 0.80 - <1.20	▲ 1.00 - <1.25
● 0 - <0.35	◆ 0 - <0.80	▲ 0 - <1.00

LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Calcium (%)
Seepage, Talus Fines and Soil Survey

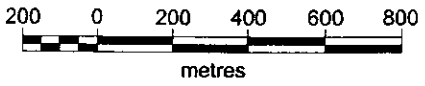
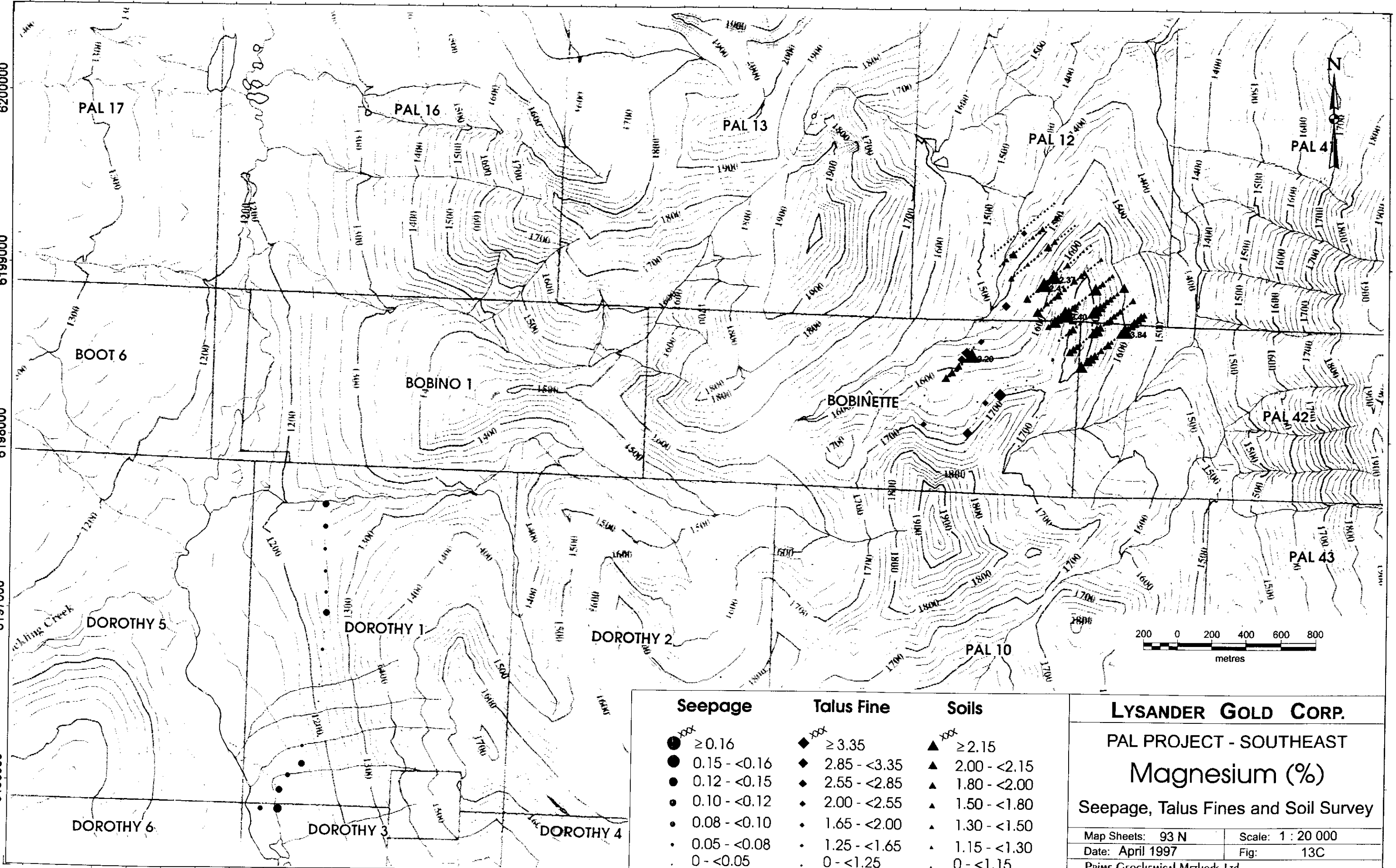
Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 12C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



Seepage

- xxx ≥ 0.16
- 0.15 - <0.16
- 0.12 - <0.15
- 0.10 - <0.12
- 0.08 - <0.10
- 0.05 - <0.08
- 0 - <0.05

Talus Fine

- ◆ xxx ≥ 3.35
- ◆ 2.85 - <3.35
- ◆ 2.55 - <2.85
- ◆ 2.00 - <2.55
- ◆ 1.65 - <2.00
- ◆ 1.25 - <1.65
- ◆ 0 - <1.25

Soils

- ▲ xxx ≥ 2.15
- ▲ 2.00 - <2.15
- ▲ 1.80 - <2.00
- ▲ 1.50 - <1.80
- ▲ 1.30 - <1.50
- ▲ 1.15 - <1.30
- ▲ 0 - <1.15

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Magnesium (%)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 13C

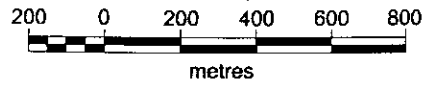
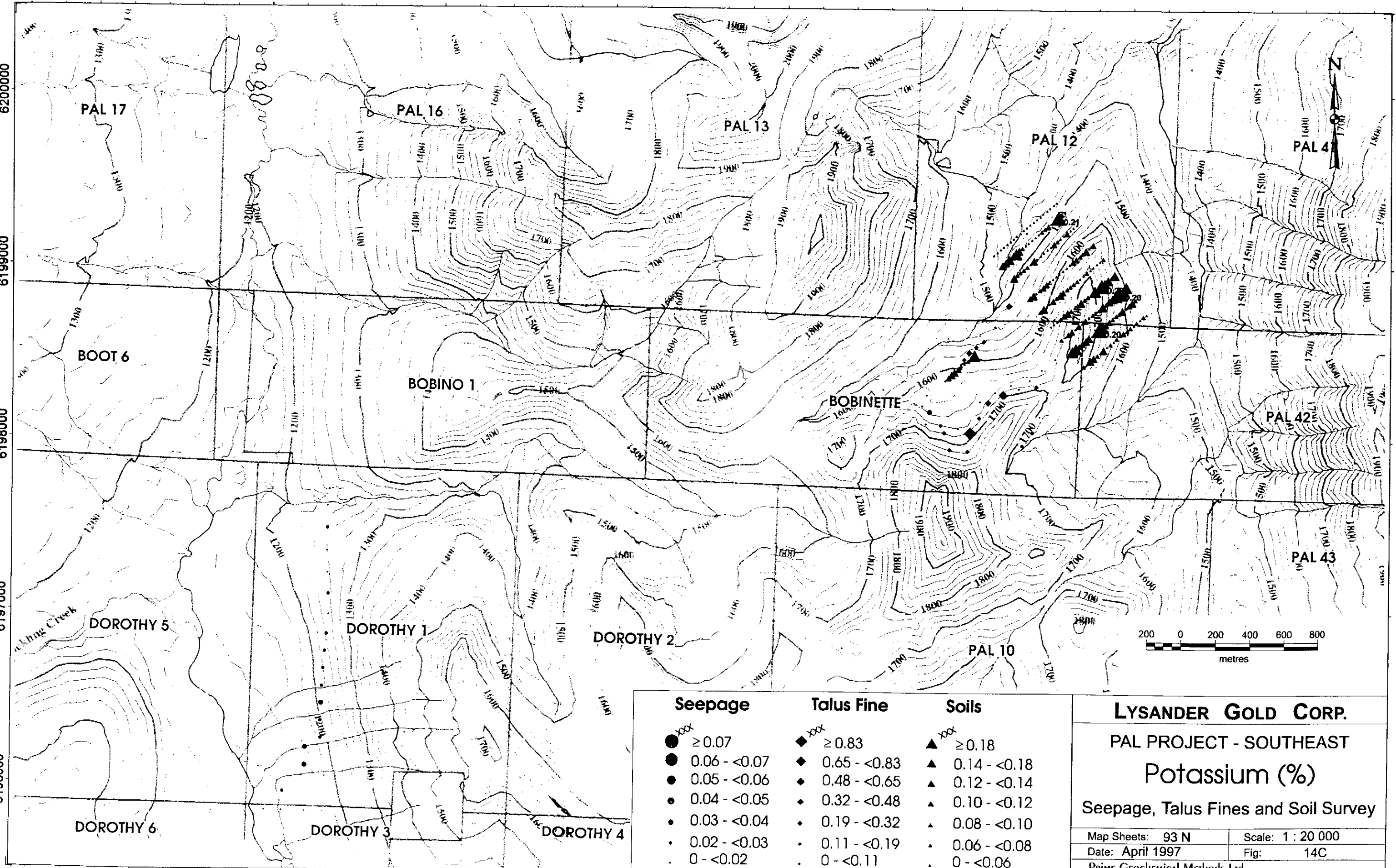
PRIME GEOCHEMICAL METHODS LTD.

352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 0.07	◆ ^{xxx} ≥ 0.83	▲ ^{xxx} ≥ 0.18
● 0.06 - <0.07	◆ 0.65 - <0.83	▲ 0.14 - <0.18
● 0.05 - <0.06	◆ 0.48 - <0.65	▲ 0.12 - <0.14
● 0.04 - <0.05	◆ 0.32 - <0.48	▲ 0.10 - <0.12
● 0.03 - <0.04	◆ 0.19 - <0.32	▲ 0.08 - <0.10
● 0.02 - <0.03	◆ 0.11 - <0.19	▲ 0.06 - <0.08
● 0 - <0.02	◆ 0 - <0.11	▲ 0 - <0.06

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Potassium (%)

Seepage, Talus Fines and Soil Survey

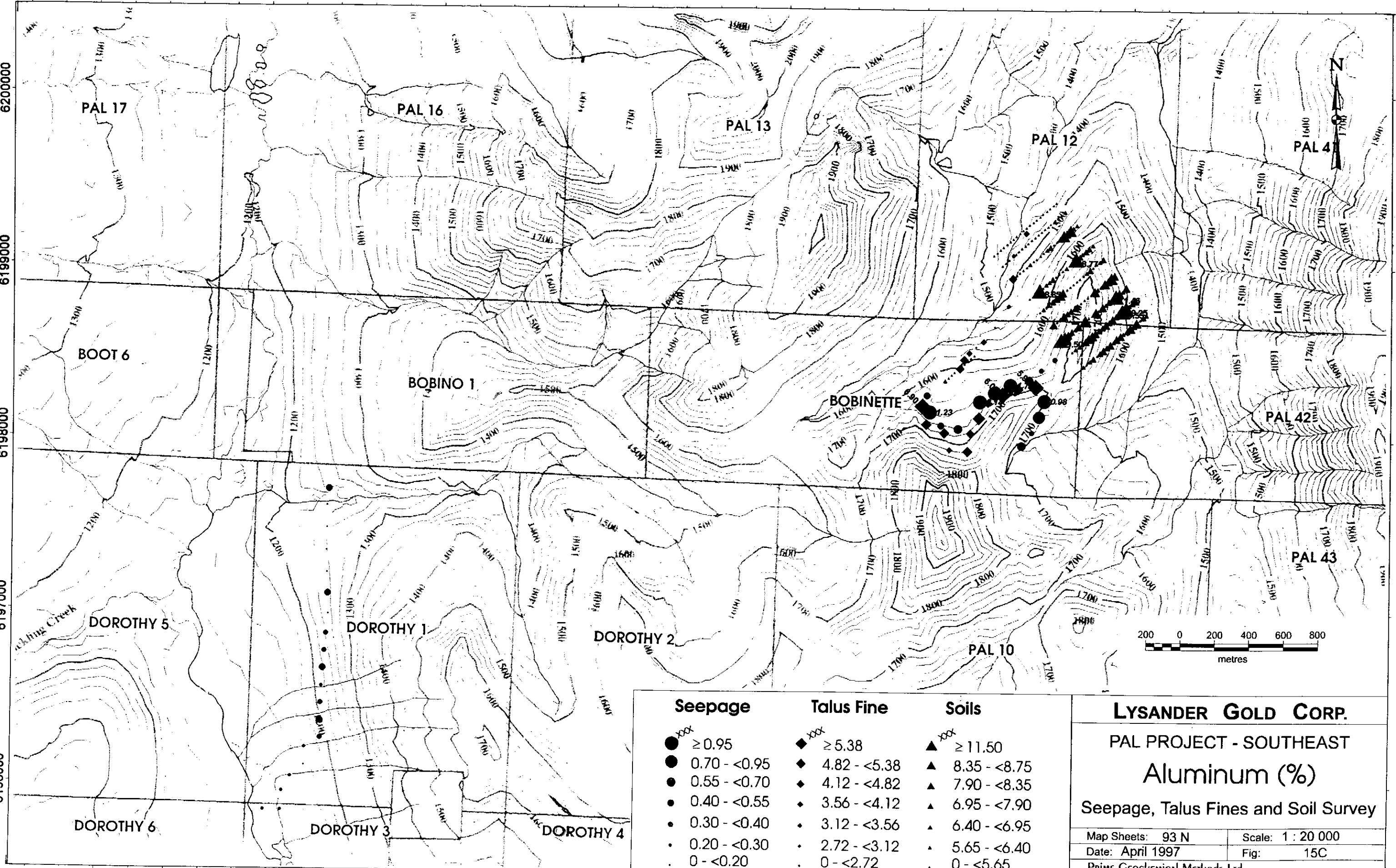
Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 14C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 0.95	◆ ^{xxx} ≥ 5.38	▲ ^{xxx} ≥ 11.50
● 0.70 - <0.95	◆ 4.82 - <5.38	▲ 8.35 - <8.75
● 0.55 - <0.70	◆ 4.12 - <4.82	▲ 7.90 - <8.35
● 0.40 - <0.55	◆ 3.56 - <4.12	▲ 6.95 - <7.90
● 0.30 - <0.40	◆ 3.12 - <3.56	▲ 6.40 - <6.95
● 0.20 - <0.30	◆ 2.72 - <3.12	▲ 5.65 - <6.40
● 0 - <0.20	◆ 0 - <2.72	▲ 0 - <5.65

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Aluminum (%)

Seepage, Talus Fines and Soil Survey

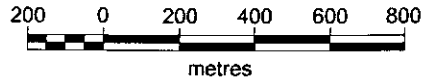
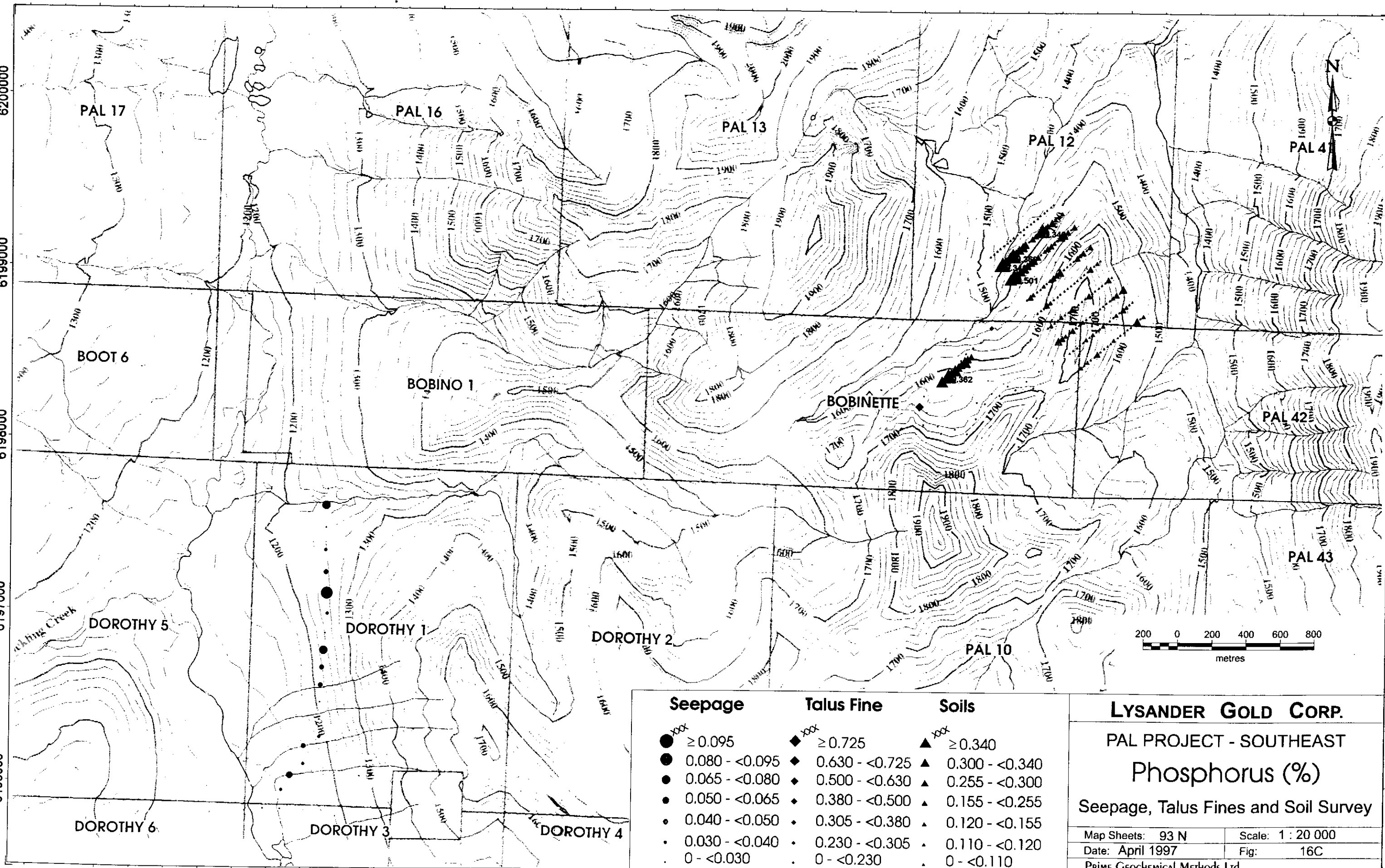
Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 15C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 0.095	◆ ^{xxx} ≥ 0.725	▲ ^{xxx} ≥ 0.340
● 0.080 - <0.095	◆ 0.630 - <0.725	▲ 0.300 - <0.340
● 0.065 - <0.080	◆ 0.500 - <0.630	▲ 0.255 - <0.300
● 0.050 - <0.065	◆ 0.380 - <0.500	▲ 0.155 - <0.255
● 0.040 - <0.050	◆ 0.305 - <0.380	▲ 0.120 - <0.155
● 0.030 - <0.040	◆ 0.230 - <0.305	▲ 0.110 - <0.120
● 0 - <0.030	◆ 0 - <0.230	▲ 0 - <0.110

LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Phosphorus (%)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 16C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000
 UTM East Coordinates

UTM North Coordinates

620000

619000

618000

617000

616000

PAL 17

PAL 16

PAL 13

PAL 12

PAL 4

BOOT 6

BOBINO 1

BOBINETTE

PAL 42

PAL 43

DOROTHY 5

DOROTHY 1

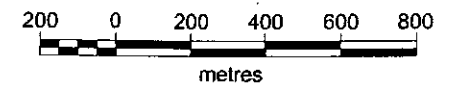
DOROTHY 2

PAL 10

DOROTHY 6

DOROTHY 3

DOROTHY 4



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 16	◆ ^{xxx} ≥ 42	▲ ^{xxx} ≥ 15
● 11 - <16	◆ 39 - <42	▲ 13 - <15
● 8 - <11	◆ 33 - <39	▲ 11 - <13
● 6 - <8	◆ 25 - <33	▲ 8 - <11
● 5 - <6	◆ 21 - <25	▲ 6 - <8
● 3 - <5	◆ 17 - <21	▲ 5 - <6
● 0 - <3	◆ 0 - <17	▲ 0 - <5

LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Lanthanum (ppm)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 17C
PRIME GEOCHEMICAL METHODS LTD.	

352000

353000

354000

355000

356000

357000

358000

359000

UTM East Coordinates

UTM North Coordinates

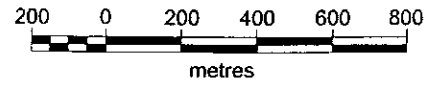
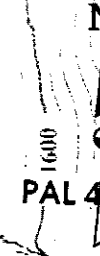
6199000
6198000
6197000
6196000

PAL 17
BOOT 6
DOROTHY 5
DOROTHY 6

PAL 16
BOBINO 1
DOROTHY 1
DOROTHY 3

PAL 13
BOBINETTE
DOROTHY 2
DOROTHY 4

PAL 12
PAL 42
PAL 43
PAL 10



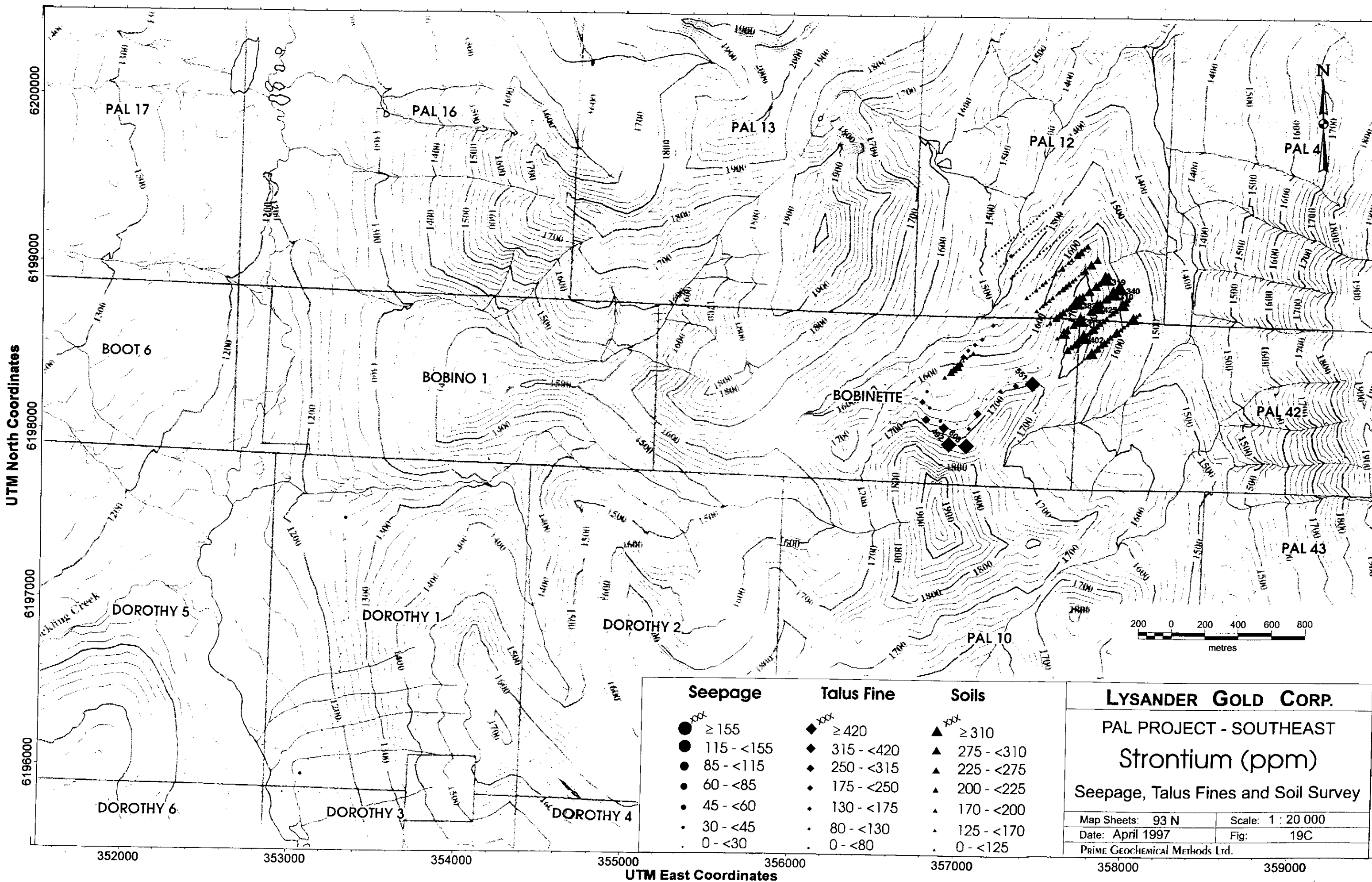
Seepage	Talus Fine	Soils
● ^{xxx} ≥ 205	◆ ^{xxx} ≥ 510	▲ ^{xxx} ≥ 195
● 165 - <205	◆ 380 - <510	▲ 175 - <195
● 130 - <165	◆ 290 - <380	▲ 155 - <175
● 95 - <130	◆ 200 - <290	▲ 130 - <155
● 70 - <95	◆ 150 - <200	▲ 115 - <130
● 45 - <70	◆ 115 - <150	▲ 100 - <115
● 0 - <45	◆ 0 - <115	▲ 0 - <100

LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Barium (ppm)
 Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 18C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000

UTM East Coordinates



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 155	◆ ^{xxx} ≥ 420	▲ ^{xxx} ≥ 310
● 115 - <155	◆ 315 - <420	▲ 275 - <310
● 85 - <115	◆ 250 - <315	▲ 225 - <275
● 60 - <85	◆ 175 - <250	▲ 200 - <225
● 45 - <60	◆ 130 - <175	▲ 170 - <200
● 30 - <45	◆ 80 - <130	▲ 125 - <170
● 0 - <30	◆ 0 - <80	▲ 0 - <125

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Strontium (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 19C
PRIME GEOCHEMICAL METHODS LTD.	

UTM North Coordinates

6200000
6199000
6198000
6197000
6196000

PAL 17

PAL 16

PAL 13

PAL 12

PAL 4

BOOT 6

BOBINO 1

BOBINETTE

PAL 42

DOROTHY 5

DOROTHY 1

DOROTHY 2

PAL 10

PAL 43

DOROTHY 6

DOROTHY 3

DOROTHY 4

352000

353000

354000

355000

356000

357000

358000

359000

UTM East Coordinates

Seepage

- xxx ≥ 7
- 6 - <7
- 5 - <6
- 4 - <5
- 3 - <4
- 2 - <3
- 0 - <2

Talus Fine

- ◆ xxx ≥ 105
- ◆ 90 - <105
- ◆ 65 - <90
- ◆ 38 - <65
- ◆ 25 - <38
- ◆ 15 - <25
- ◆ 0 - <15

Soils

- ▲ xxx ≥ 45
- ▲ 40 - <45
- ▲ 34 - <40
- ▲ 28 - <34
- ▲ 25 - <28
- ▲ 21 - <25
- ▲ 0 - <21

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST

Nickel (ppm)

Seepage, Talus Fines and Soil Survey

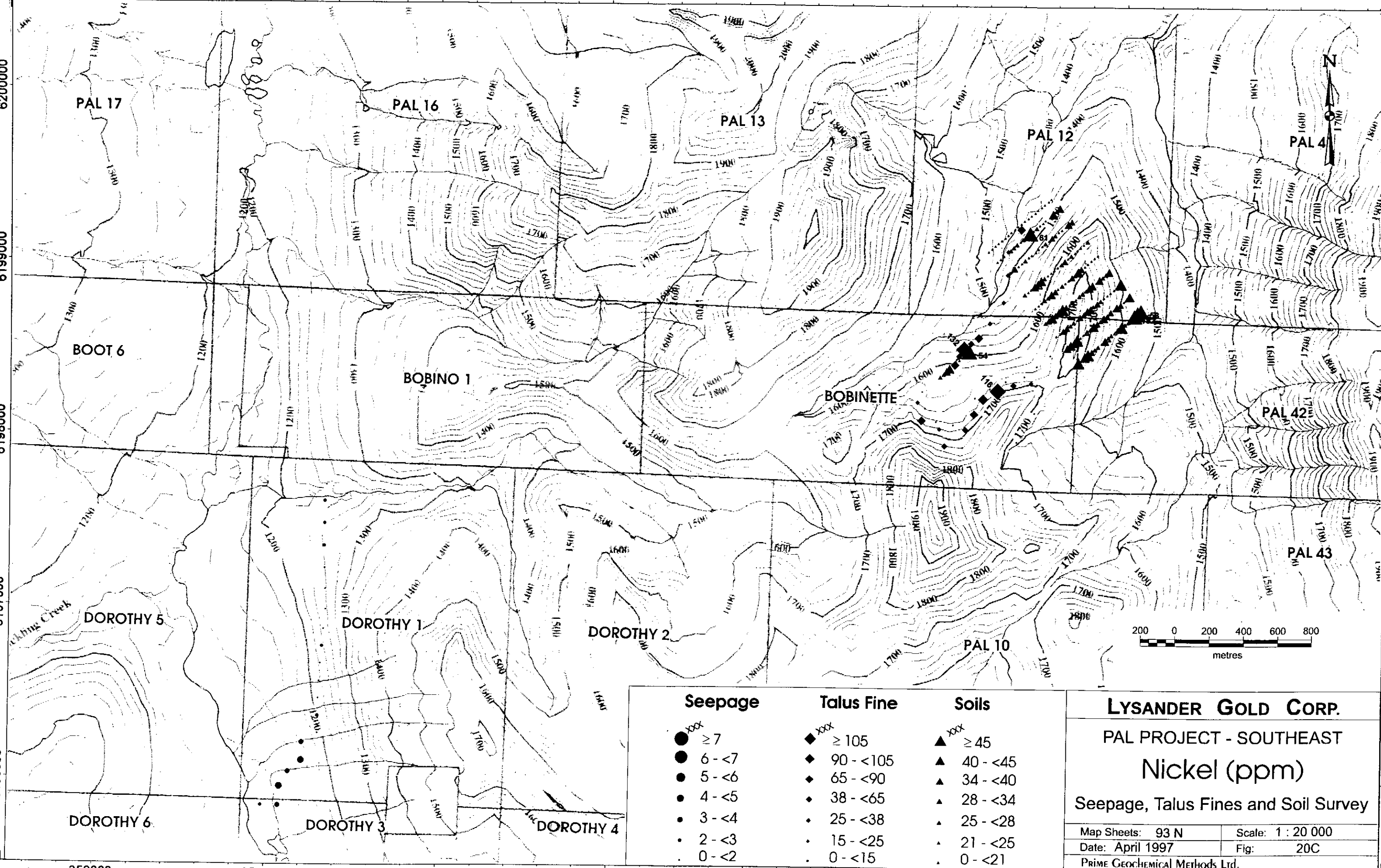
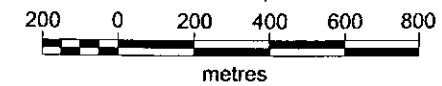
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

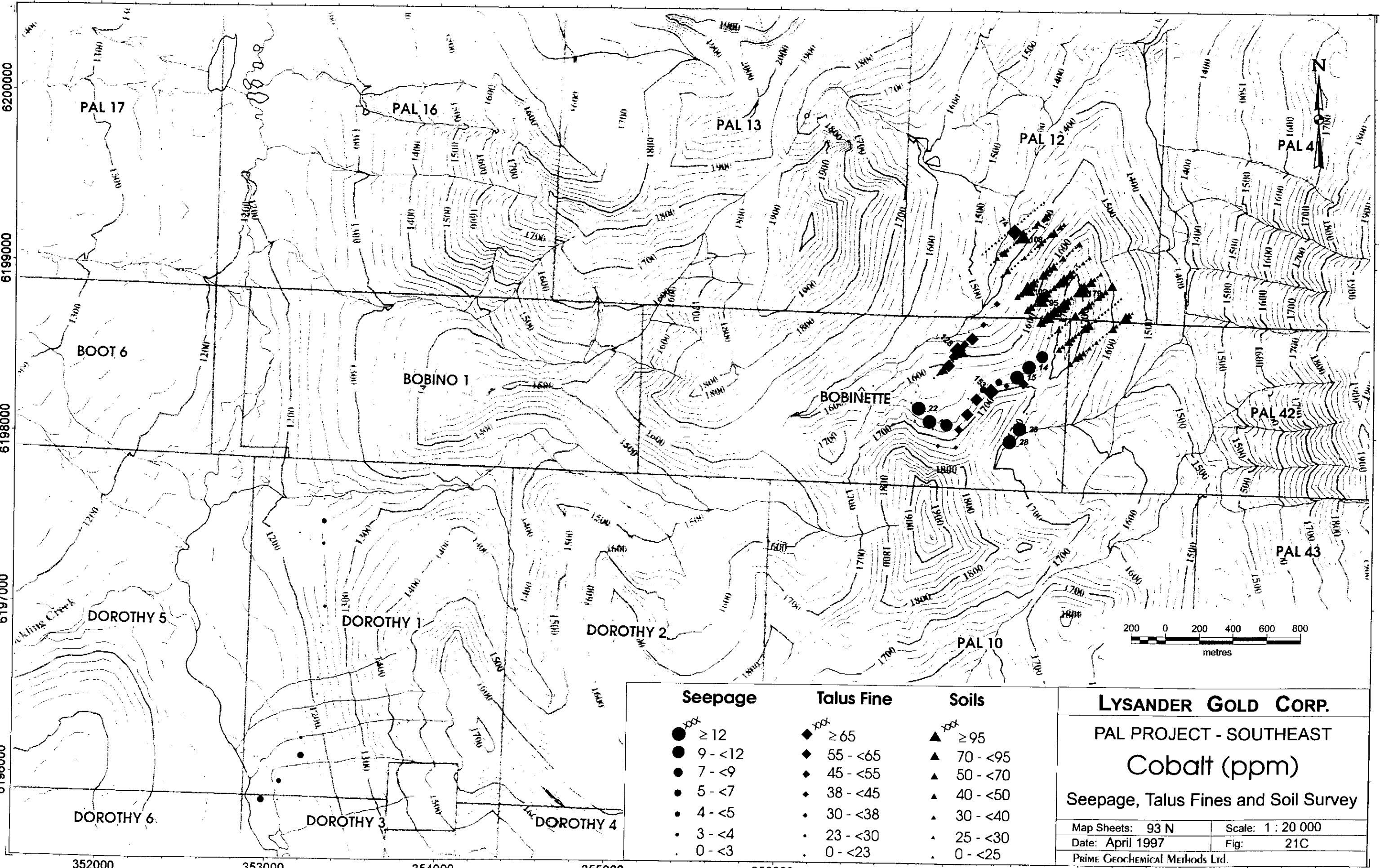
Fig: 20C

PRIME GEOCHEMICAL METHODS LTD.



UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 12	◆ ^{xxx} ≥ 65	▲ ^{xxx} ≥ 95
● 9 - <12	◆ 55 - <65	▲ 70 - <95
● 7 - <9	◆ 45 - <55	▲ 50 - <70
● 5 - <7	◆ 38 - <45	▲ 40 - <50
● 4 - <5	◆ 30 - <38	▲ 30 - <40
● 3 - <4	◆ 23 - <30	▲ 25 - <30
● 0 - <3	◆ 0 - <23	▲ 0 - <25

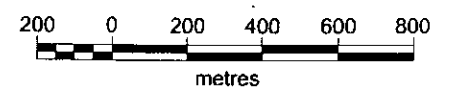
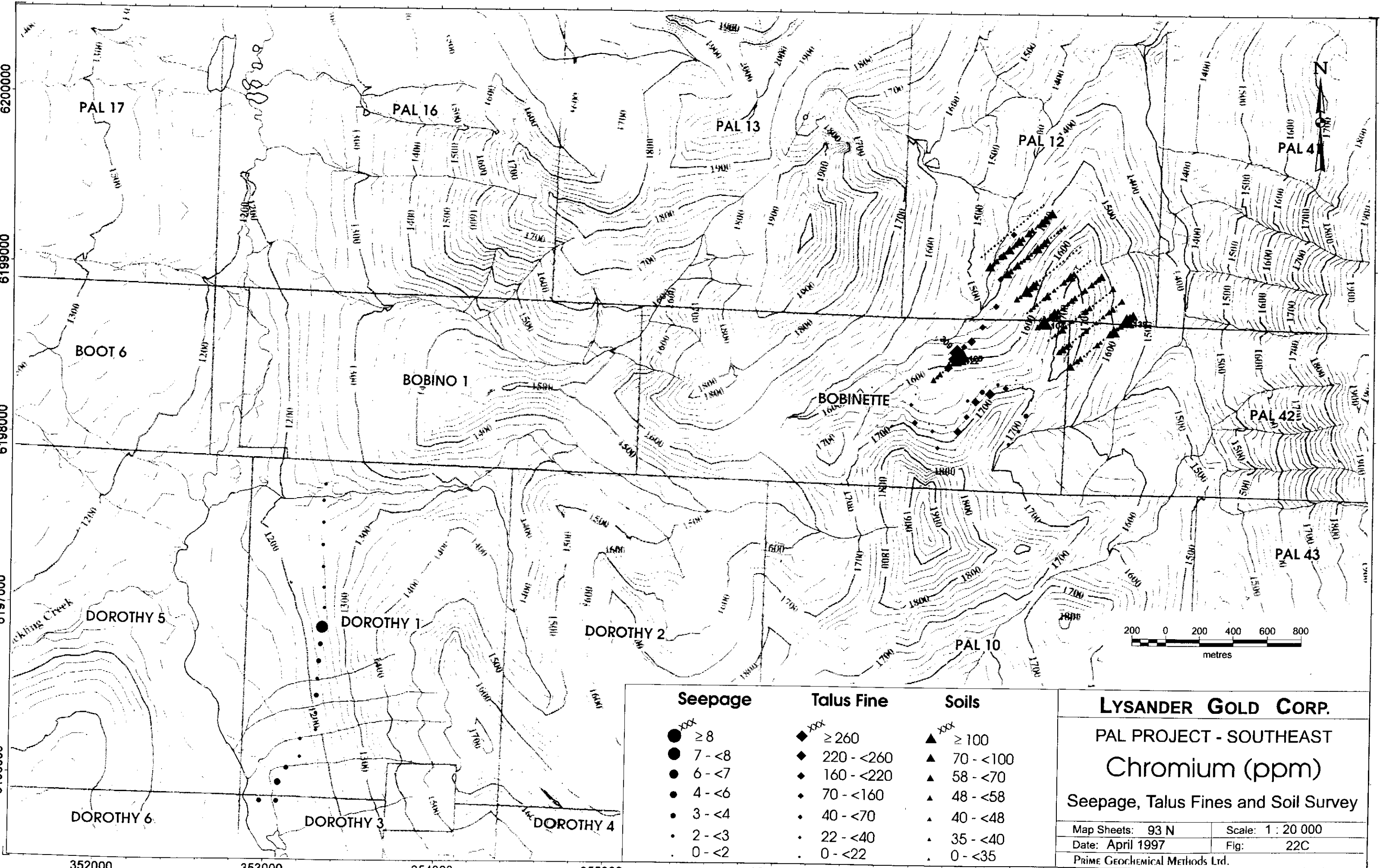
LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Cobalt (ppm)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 21C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000
 UTM East Coordinates

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 8	◆ ^{xxx} ≥ 260	▲ ^{xxx} ≥ 100
● 7 - <8	◆ 220 - <260	▲ 70 - <100
● 6 - <7	◆ 160 - <220	▲ 58 - <70
● 4 - <6	◆ 70 - <160	▲ 48 - <58
● 3 - <4	◆ 40 - <70	▲ 40 - <48
● 2 - <3	◆ 22 - <40	▲ 35 - <40
● 0 - <2	◆ 0 - <22	▲ 0 - <35

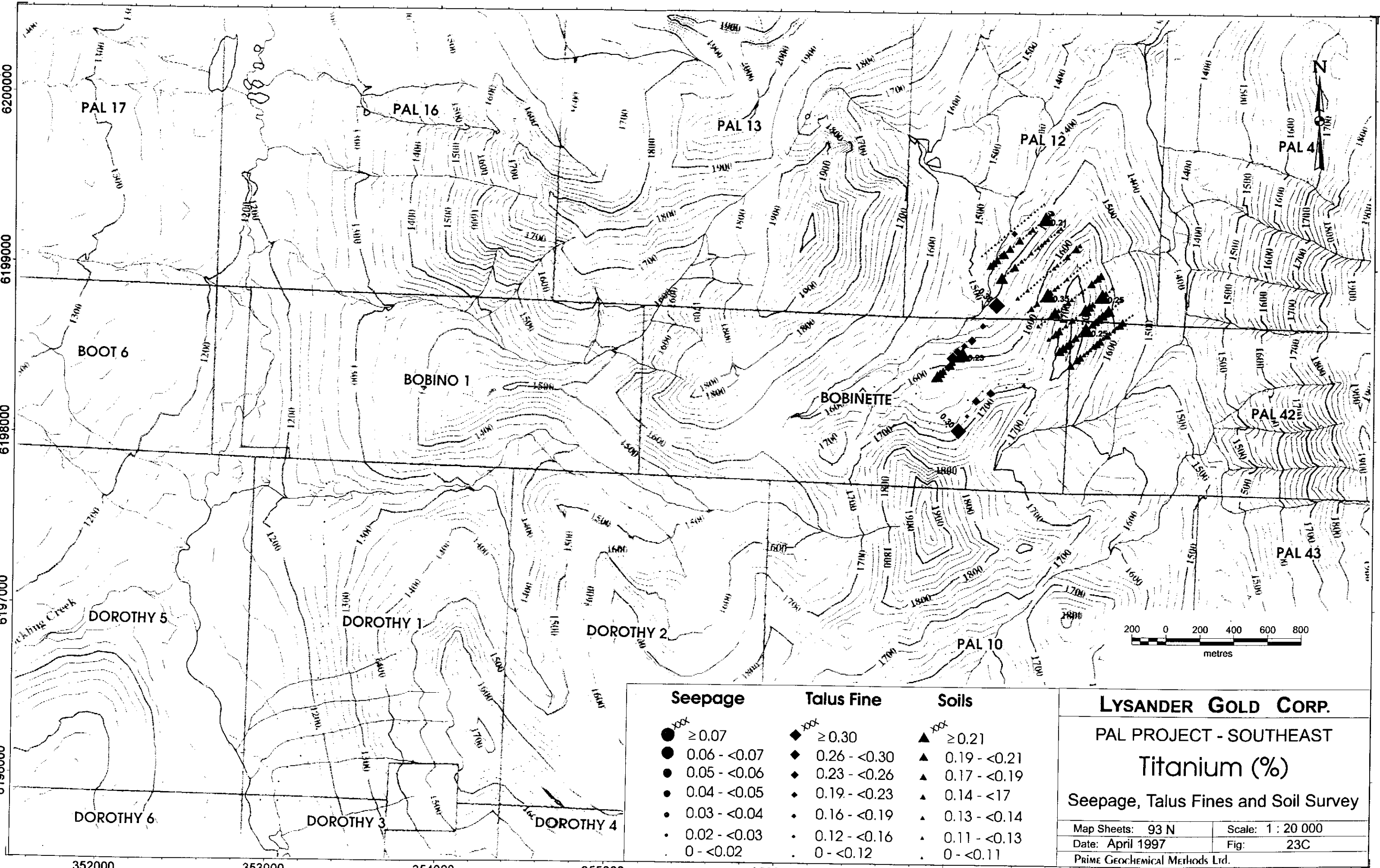
LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Chromium (ppm)
 Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 22C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000
UTM East Coordinates

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 0.07	◆ ^{xxx} ≥ 0.30	▲ ^{xxx} ≥ 0.21
● 0.06 - <0.07	◆ 0.26 - <0.30	▲ 0.19 - <0.21
● 0.05 - <0.06	◆ 0.23 - <0.26	▲ 0.17 - <0.19
● 0.04 - <0.05	◆ 0.19 - <0.23	▲ 0.14 - <0.17
● 0.03 - <0.04	◆ 0.16 - <0.19	▲ 0.13 - <0.14
● 0.02 - <0.03	◆ 0.12 - <0.16	▲ 0.11 - <0.13
● 0 - <0.02	◆ 0 - <0.12	▲ 0 - <0.11

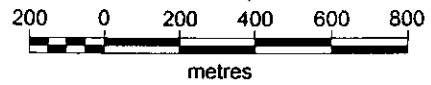
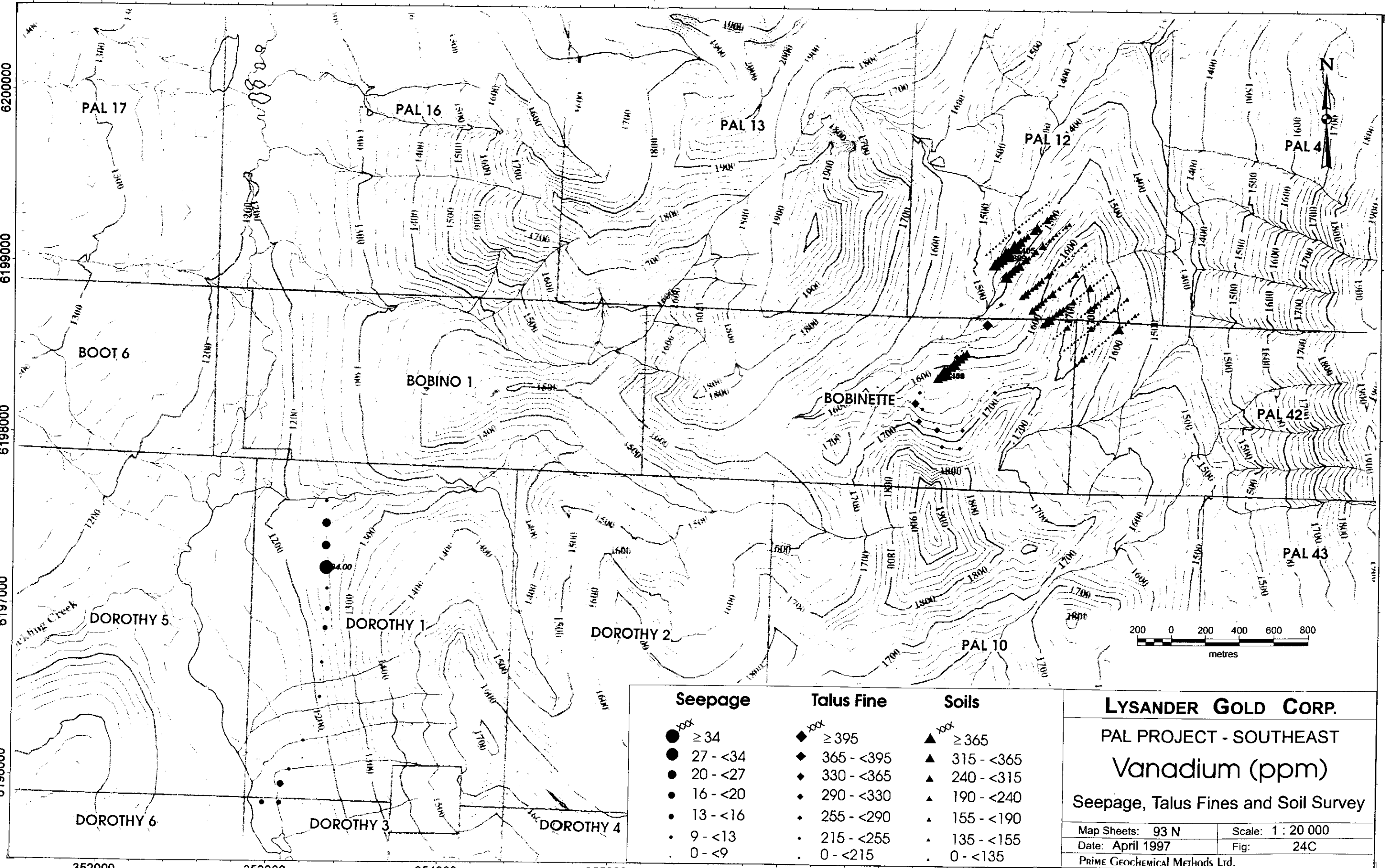
LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Titanium (%)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 23C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000
 UTM East Coordinates

UTM North Coordinates

6196000
6197000
6198000
6199000
6200000



Seepage	Talus Fine	Soils
● ^{xxx} ≥ 34	◆ ^{xxx} ≥ 395	▲ ^{xxx} ≥ 365
● 27 - <34	◆ 365 - <395	▲ 315 - <365
● 20 - <27	◆ 330 - <365	▲ 240 - <315
● 16 - <20	◆ 290 - <330	▲ 190 - <240
● 13 - <16	◆ 255 - <290	▲ 155 - <190
● 9 - <13	◆ 215 - <255	▲ 135 - <155
● 0 - <9	◆ 0 - <215	▲ 0 - <135

LYSANDER GOLD CORP.
PAL PROJECT - SOUTHEAST
Vanadium (ppm)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 24C
PRIME GEOCHEMICAL METHODS LTD.	

352000 353000 354000 355000 356000 357000 358000 359000
 UTM East Coordinates

UTM North Coordinates

6200000

6199000

618000

6197000

6196000

352000

353000

354000

355000

356000

357000

358000

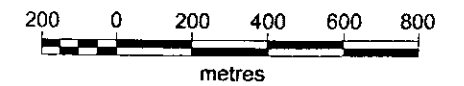
359000

UTM East Coordinates



- 11028
- 11027
- 11026
- 11025
- 11040
- 11041
- 11042
- 11043
- 11044
- 11045
- 11046
- 11047
- 11048
- 11049
- 11050
- 11051
- 11052
- 11053
- 11054

- 21101
- 03157
- 21102
- 03158
- 03159
- 03160
- 03161
- 03162
- 03163
- 03164
- 03165
- 03166
- 21110
- 21109
- 21108
- 21107
- 21106
- 21105
- 21104
- 21103
- 21102
- 21101
- 21111
- 21112
- 21113
- 21114
- ATO-4
- ATO-5
- ATO-6
- ATO-7
- ATO-8
- ATO-9



- xxx Seepage
- ◆ xxx Talus Fines
- ▲ xxx Soils

LYSANDER GOLD CORP.

PAL PROJECT - SOUTHEAST Sample Locations

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N Scale: 1 : 20 000

Date: April 1997 Fig: 25C

PRIME GEOCHEMICAL METHODS Ltd.

UTM North Coordinates

6206000

6205000

6204000

6203000

PAL 35

PAL 36

PAL 33

PAL 37

PAL 39

PAL 14

PAL 40



Talus Fines

- ◆ xxx ≥ 150
- ◆ 90 - <150
- ◆ 50 - <90
- ◆ 35 - <50
- ◆ 20 - <35
- ◆ 10 - <20
- ◆ 0 - <10

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Gold (ppb)

Seepage, Talus Fines and Soil Survey

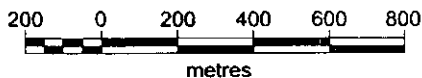
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 1D

PRIME GEOCHEMICAL METHODS LTD.



357000

358000

359000

UTM East Coordinates

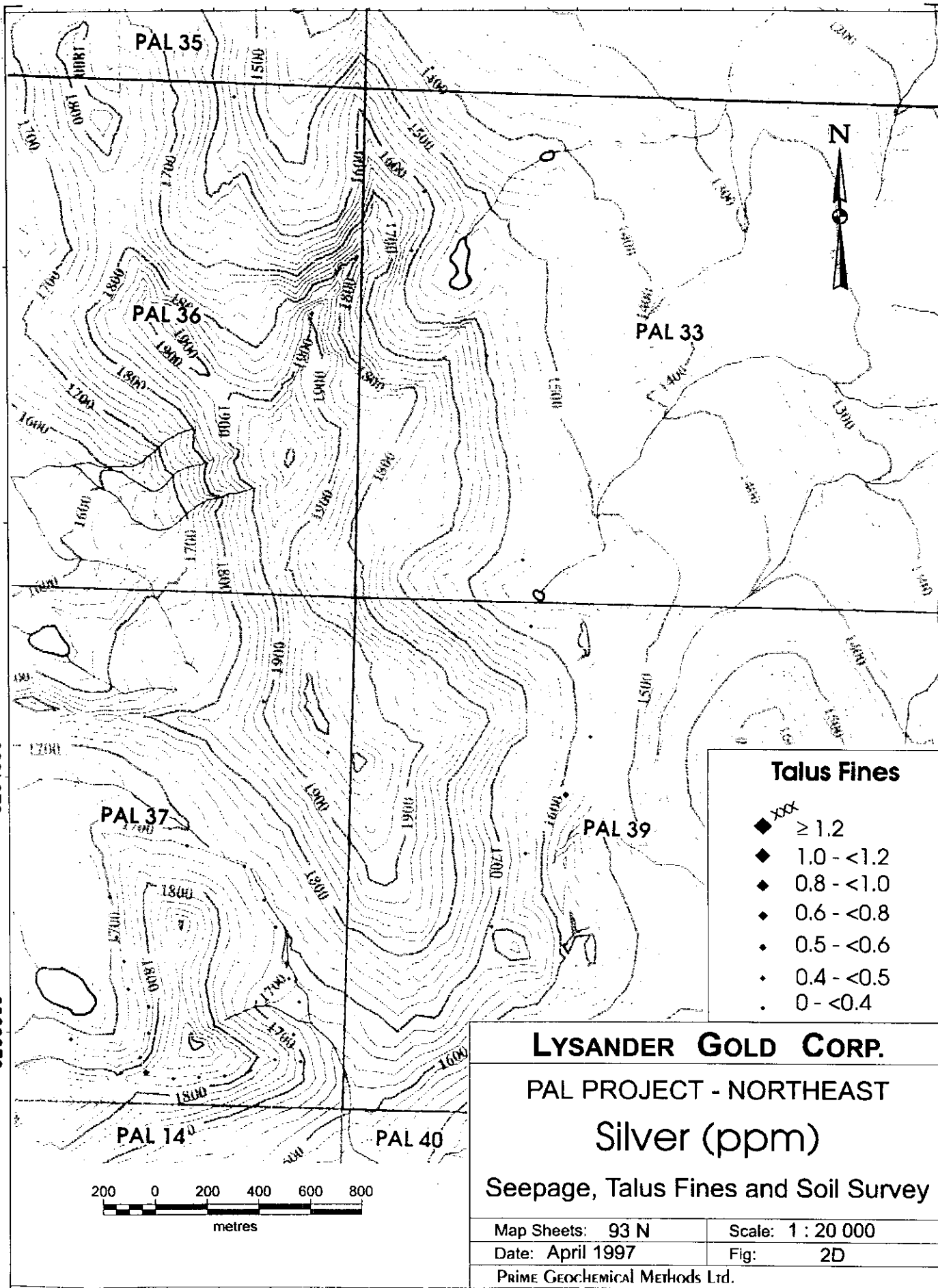
UTM North Coordinates

6206000

6205000

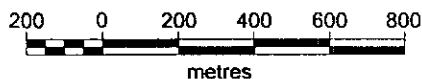
6204000

6203000



Talus Fines

- ◆^{xxx} ≥ 1.2
- ◆ 1.0 - <1.2
- ◆ 0.8 - <1.0
- ◆ 0.6 - <0.8
- ◆ 0.5 - <0.6
- ◆ 0.4 - <0.5
- ◆ 0 - <0.4



LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Silver (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 2D

PRIME GEOCHEMICAL METHODS LTD.

357000

358000

359000

UTM East Coordinates

UTM North Coordinates

6206000

6205000

6204000

6203000

PAL 35

PAL 36

PAL 33

PAL 37

PAL 39

PAL 14

PAL 40



Talus Fines

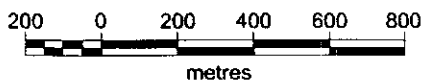
- ◆ ^{xxx} ≥ 2500
- ◆ 1550 - <2500
- ◆ 950 - <1550
- ◆ 650 - <950
- 455 - <650
- 285 - <455
- 0 - <285

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Copper (ppm)

Seepage, Talus Fines and Soil Survey



Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 3D

PRIME GEOCHEMICAL METHODS LTD.

357000

358000

359000

UTM East Coordinates

UTM North Coordinates

6206000

6205000

6204000

6203000

PAL 35

PAL 36

PAL 33

PAL 37

PAL 39

PAL 14^u

PAL 40

N

Talus Fines

- ◆ xxx ≥ 20
- ◆ 16 - <20
- ◆ 10 - <16
- ◆ 5 - <10
- ◆ 3 - <5
- ◆ 2 - <3
- ◆ 0 - <2

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Molybdenum (ppm)

Seepage, Talus Fines and Soil Survey

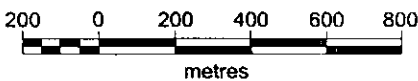
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 4D

PRIME GEOCHEMICAL METHODS LTD.



357000

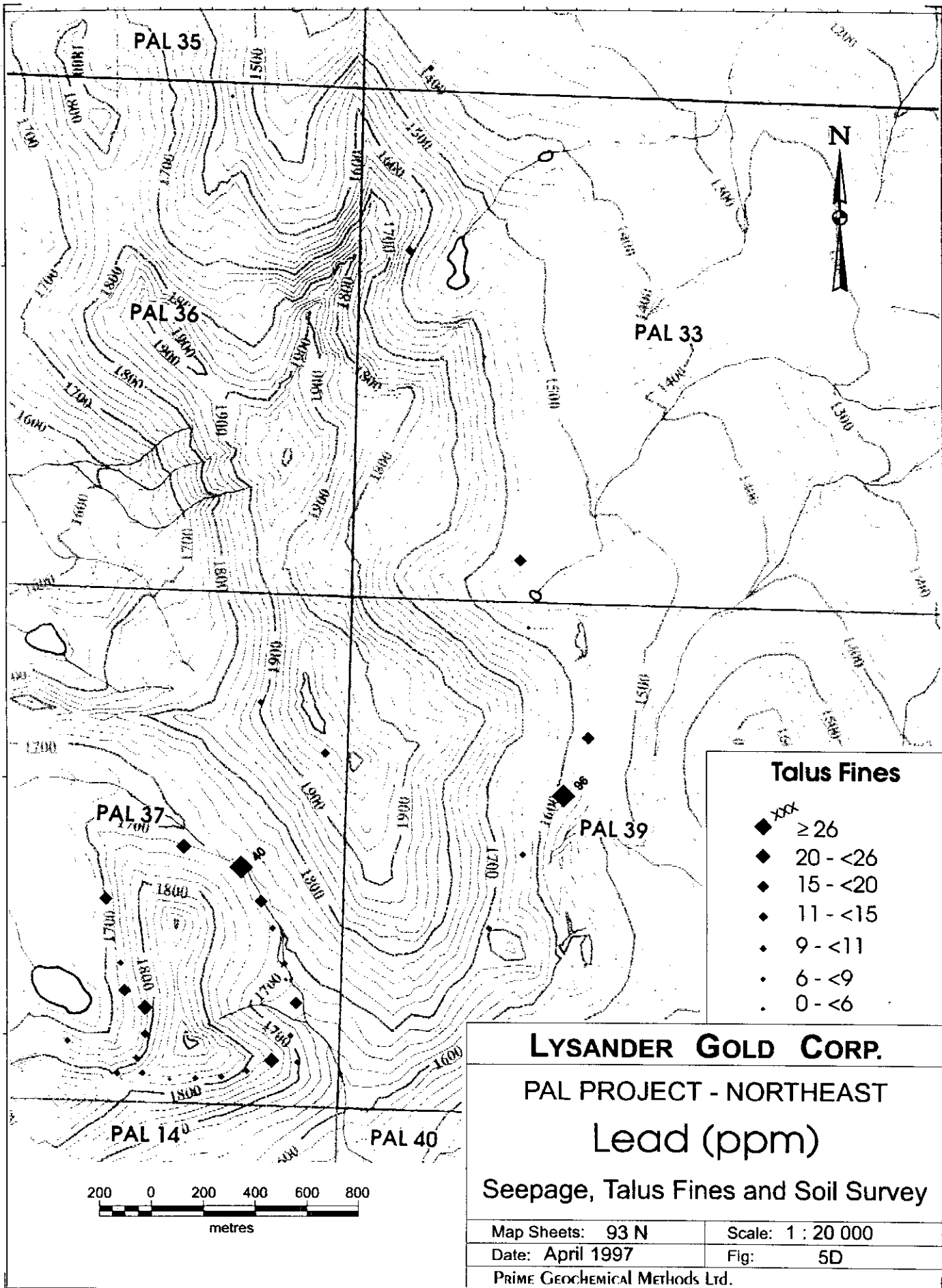
358000

359000

UTM East Coordinates

UTM North Coordinates

6206000
6205000
6204000
6203000



Talus Fines

- \blacklozenge XXX ≥ 26
- \blacklozenge 20 - <26
- \blacklozenge 15 - <20
- \blacklozenge 11 - <15
- \bullet 9 - <11
- \bullet 6 - <9
- \bullet 0 - <6

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Lead (ppm)

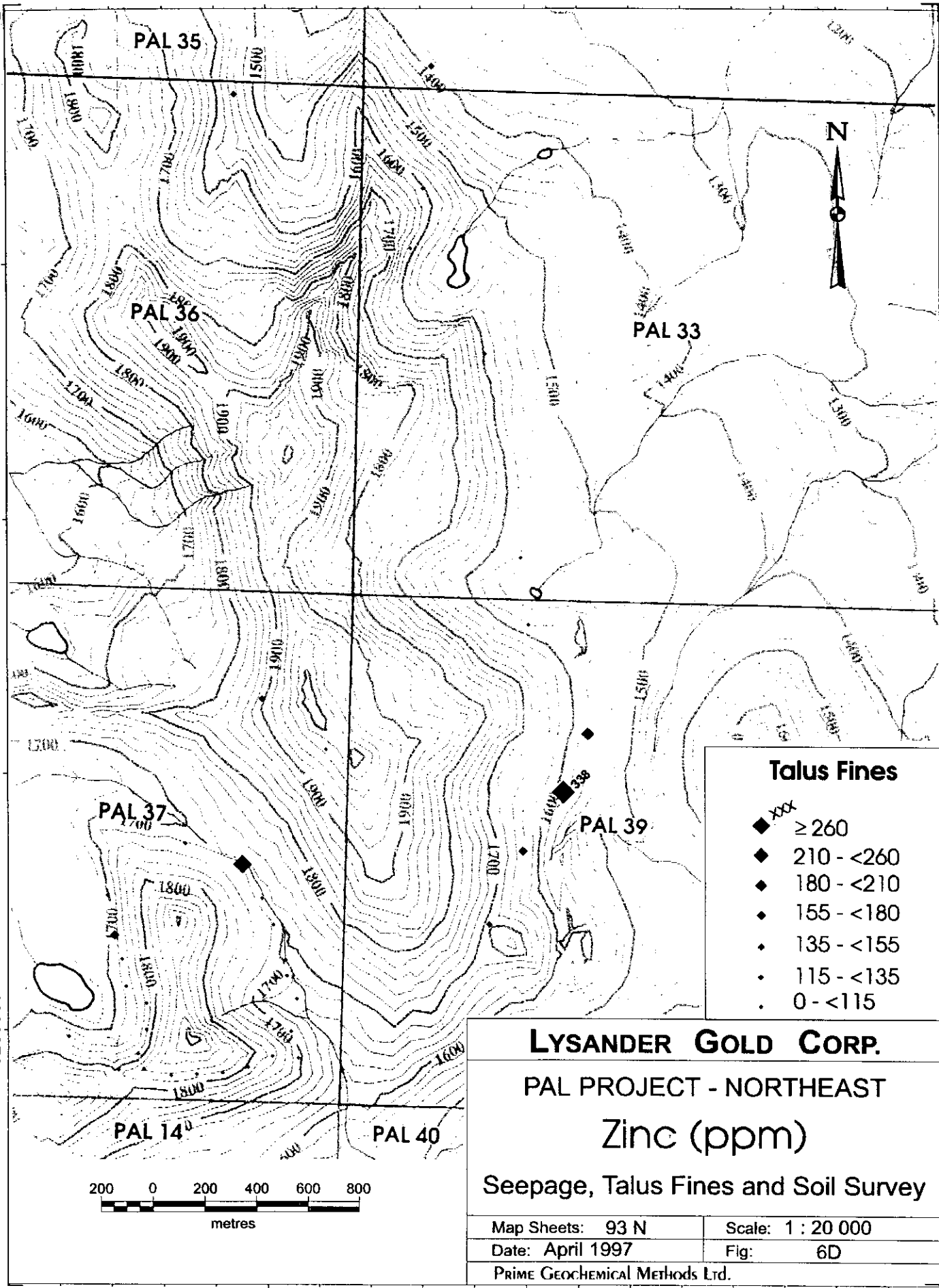
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 5D
PRIME GEOCHEMICAL METHODS LTD.	

357000 358000 359000
UTM East Coordinates

UTM North Coordinates

6206000
6205000
6204000
6203000



Talus Fines

- ◆ xxx ≥ 260
- ◆ 210 - <260
- ◆ 180 - <210
- ◆ 155 - <180
- ◆ 135 - <155
- ◆ 115 - <135
- ◆ 0 - <115

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Zinc (ppm)

Seepage, Talus Fines and Soil Survey

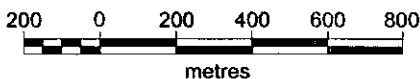
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 6D

PRIME GEOCHEMICAL METHODS LTD.



357000

358000

359000

UTM East Coordinates

UTM North Coordinates

6206000

6205000

6204000

6203000

PAL 35

PAL 36

PAL 33

PAL 37

PAL 39

PAL 14

PAL 40



Talus Fine

- ◆ xxx ≥ 30
- ◆ 20 - <30
- ◆ 12 - <20
- ◆ 8 - <12
- ◆ 5 - <8
- ◆ 3 - <5
- ◆ 0 - <3

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Arsenic (ppm)

Seepage, Talus Fines and Soil Survey

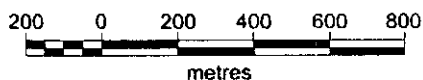
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 7D

PRIME GEOCHEMICAL METHODS LTD.



357000

358000

359000

UTM East Coordinates

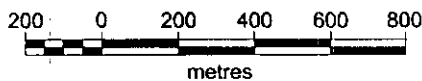
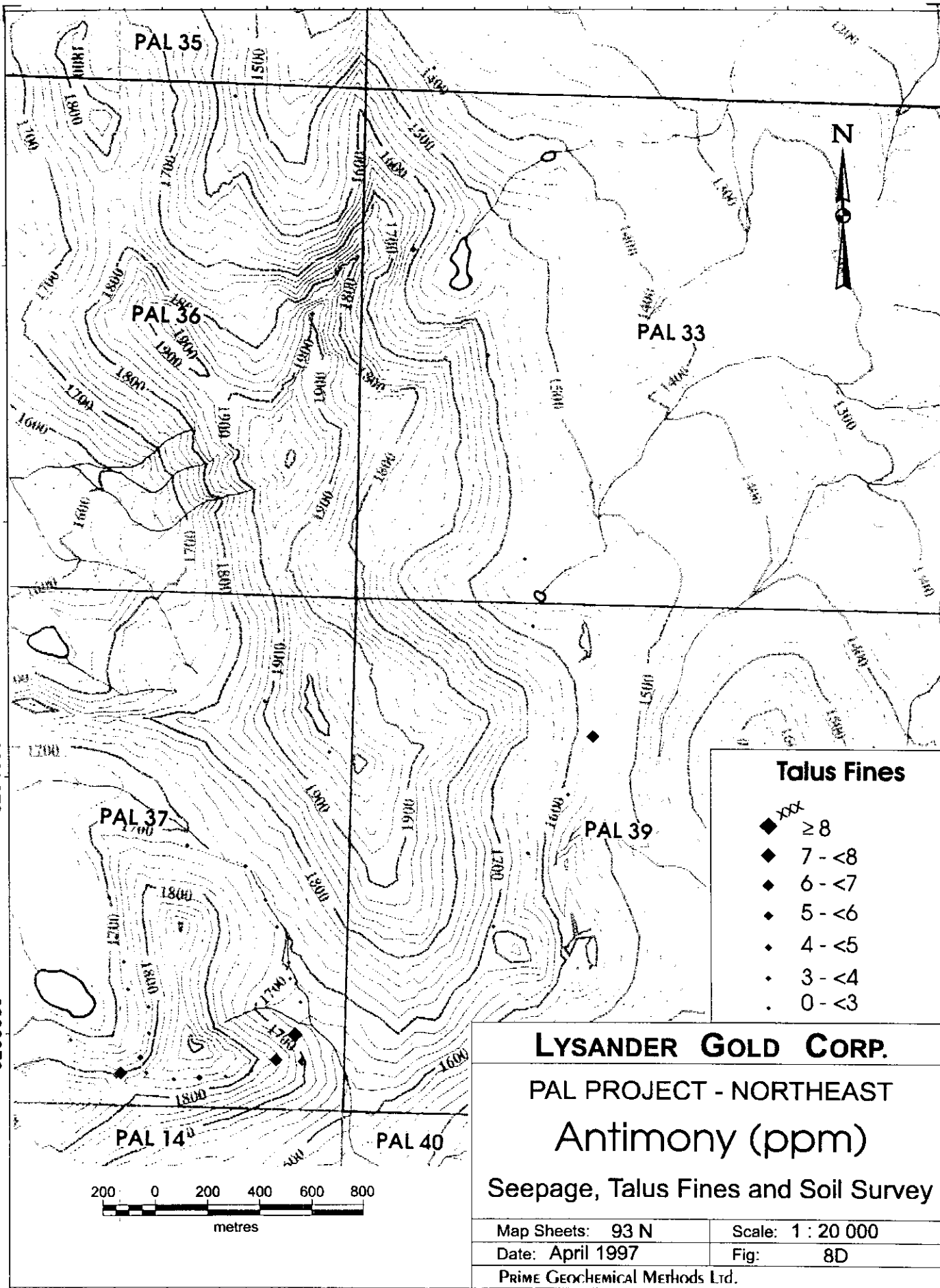
UTM North Coordinates

6206000

6205000

6204000

6203000



LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Antimony (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 8D

PRIME GEOCHEMICAL METHODS LTD.

357000

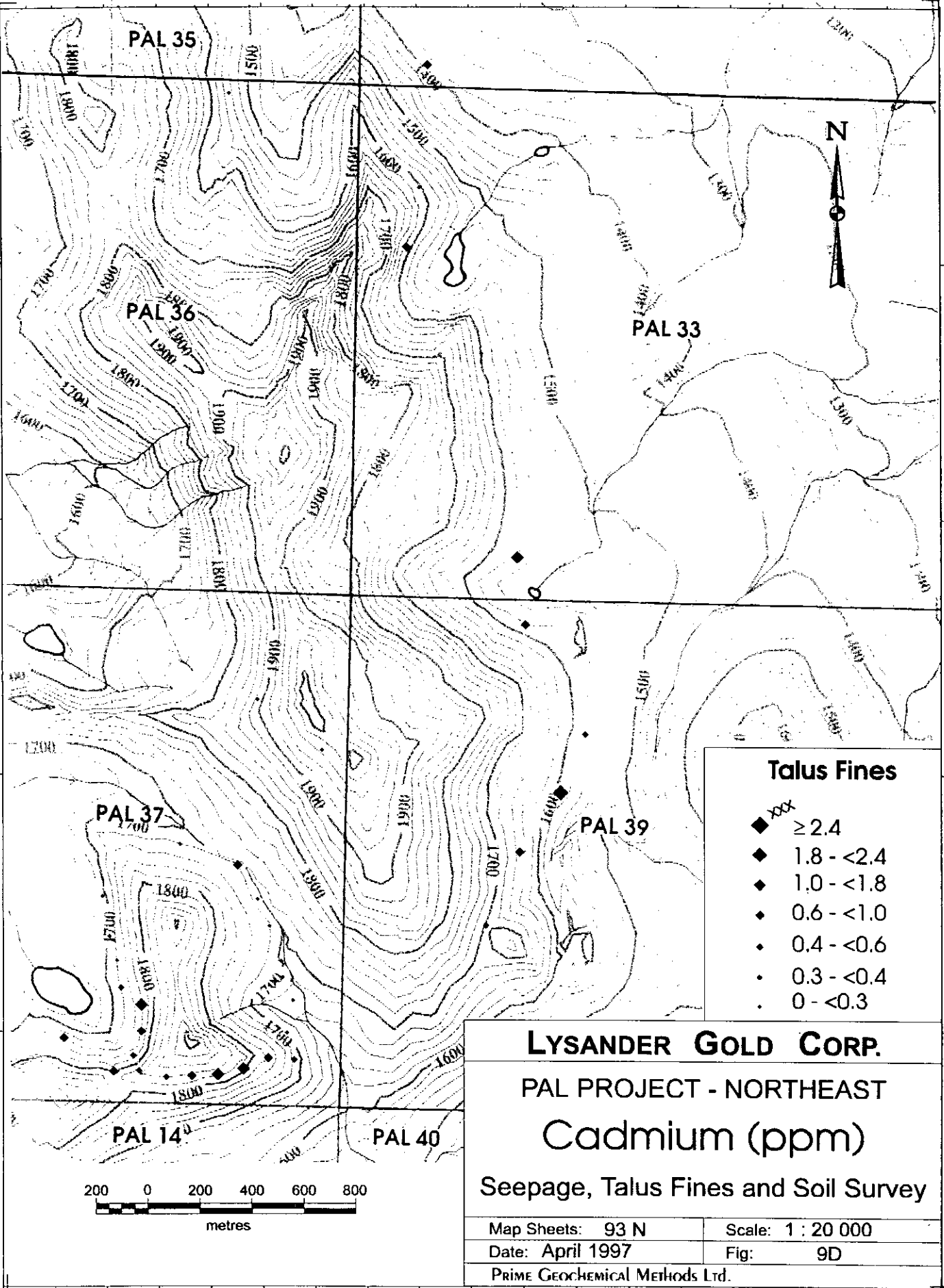
358000

359000

UTM East Coordinates

UTM North Coordinates

6206000
6205000
6204000
6203000

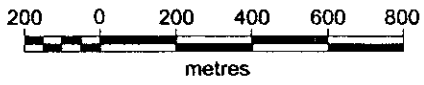


Talus Fines

- ◆ ≥ 2.4
- ◆ 1.8 - <2.4
- ◆ 1.0 - <1.8
- ◆ 0.6 - <1.0
- ◆ 0.4 - <0.6
- ◆ 0.3 - <0.4
- ◆ 0 - <0.3

LYSANDER GOLD CORP.
PAL PROJECT - NORTHEAST
Cadmium (ppm)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 9D
PRIME GEOCHEMICAL METHODS LTD.	



357000 358000 359000
UTM East Coordinates

UTM North Coordinates

6206000

6205000

6204000

6203000

PAL 35

PAL 36

PAL 33

PAL 37

PAL 39

PAL 14

PAL 40



Talus Fines

- ◆^{xxx} ≥ 3600
- ◆ 3150 - <3600
- ◆ 2450 - <3150
- ◆ 2000 - <2450
- 1585 - <2000
- 1150 - <1585
- 0 - <1150

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Manganese (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 10D

PRIME GEOCHEMICAL METHODS LTD.

200 0 200 400 600 800

metres

357000

358000

359000

UTM East Coordinates

UTM North Coordinates

6206000

6205000

6204000

6203000

PAL 35

PAL 36

PAL 33

PAL 37

PAL 39

PAL 14

PAL 40



Talus Fines

- ◆ xxx ≥ 10.10
- ◆ 9.55 - <10.10
- ◆ 8.45 - <9.55
- ◆ 7.60 - <8.45
- 7.00 - <7.60
- 6.25 - <7.00
- 0 - <6.25

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Iron (%)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 11D

PRIME GEOCHEMICAL METHODS LTD.

200 0 200 400 600 800

metres

357000

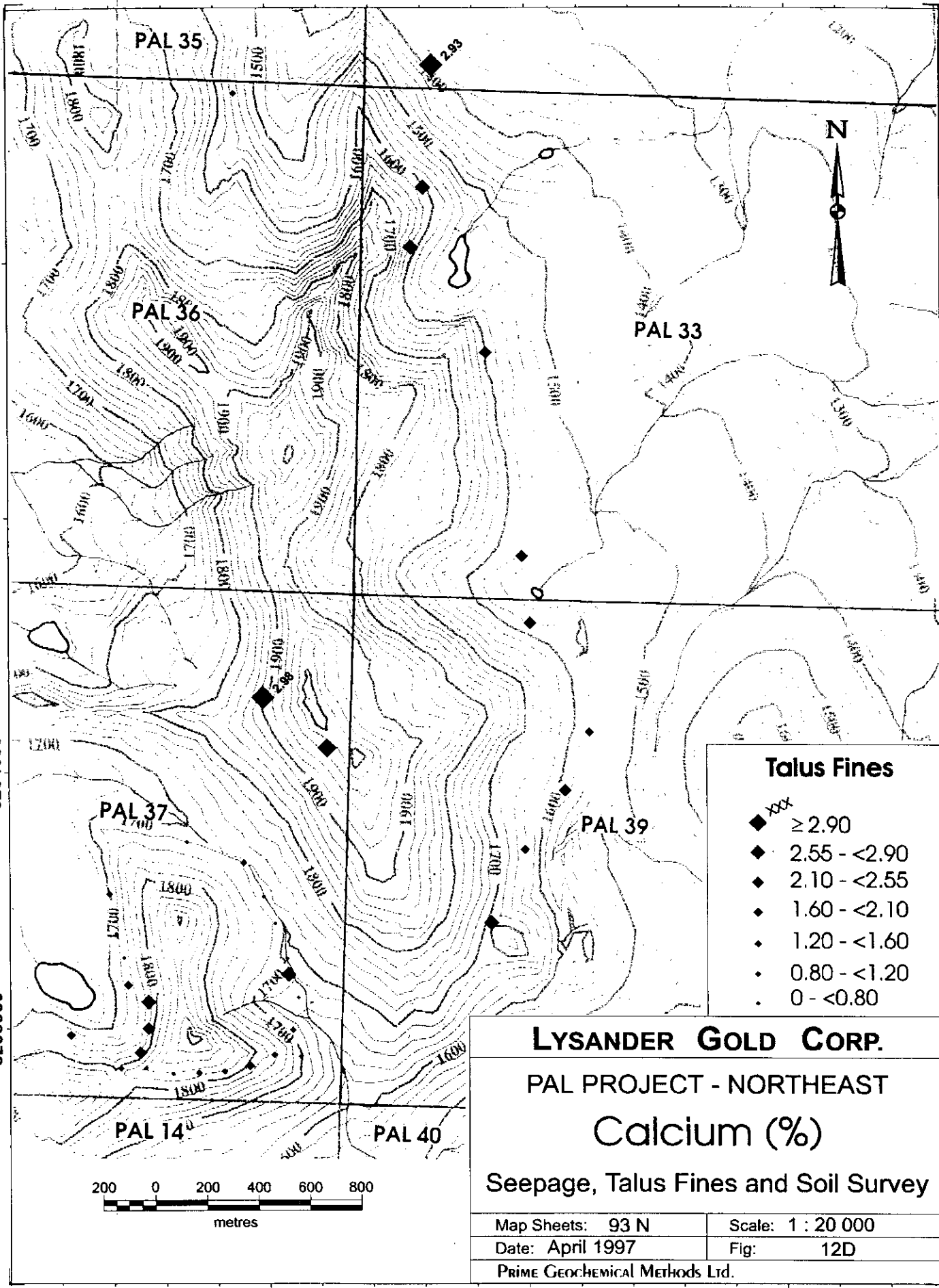
358000

359000

UTM East Coordinates

UTM North Coordinates

6206000
6205000
6204000
6203000



Talus Fines

- ◆ xxx ≥ 2.90
- ◆ 2.55 - <2.90
- ◆ 2.10 - <2.55
- ◆ 1.60 - <2.10
- ◆ 1.20 - <1.60
- ◆ 0.80 - <1.20
- ◆ 0 - <0.80

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Calcium (%)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 12D

PRIME GEOCHEMICAL METHODS LTD.

357000

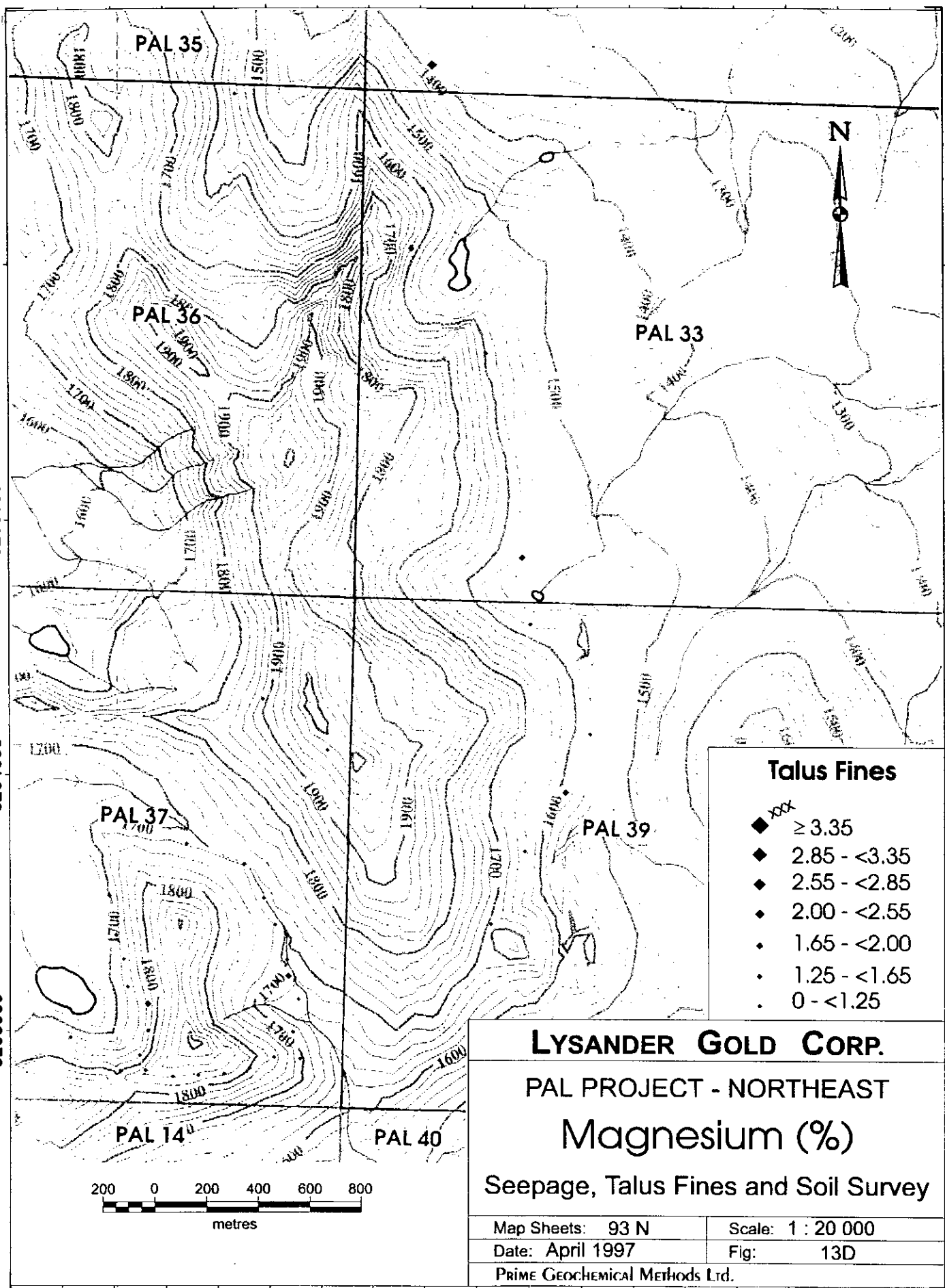
358000

359000

UTM East Coordinates

UTM North Coordinates

6206000
6205000
6204000
6203000



Talus Fines

- ◆ ~~xxx~~ ≥ 3.35
- ◆ 2.85 - <3.35
- ◆ 2.55 - <2.85
- ◆ 2.00 - <2.55
- 1.65 - <2.00
- 1.25 - <1.65
- 0 - <1.25

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Magnesium (%)

Seepage, Talus Fines and Soil Survey

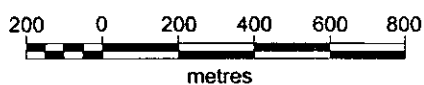
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 13D

PRIME GEOCHEMICAL METHODS LTD.



357000

358000

359000

UTM East Coordinates

UTM North Coordinates

6206000

6205000

6204000

6203000

PAL 35

PAL 36

PAL 33

PAL 37

PAL 39

PAL 14D

PAL 40



Talus Fines

- ◆ ≥ 0.80
- ◆ 0.65 - <0.80
- ◆ 0.48 - <0.65
- ◆ 0.32 - <0.48
- 0.19 - <0.32
- 0.11 - <0.19
- 0 - <0.11

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Potassium (%)

Seepage, Talus Fines and Soil Survey

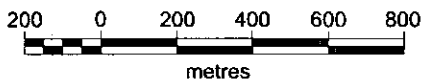
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 14D

PRIME GEOCHEMICAL METHODS LTD.



357000

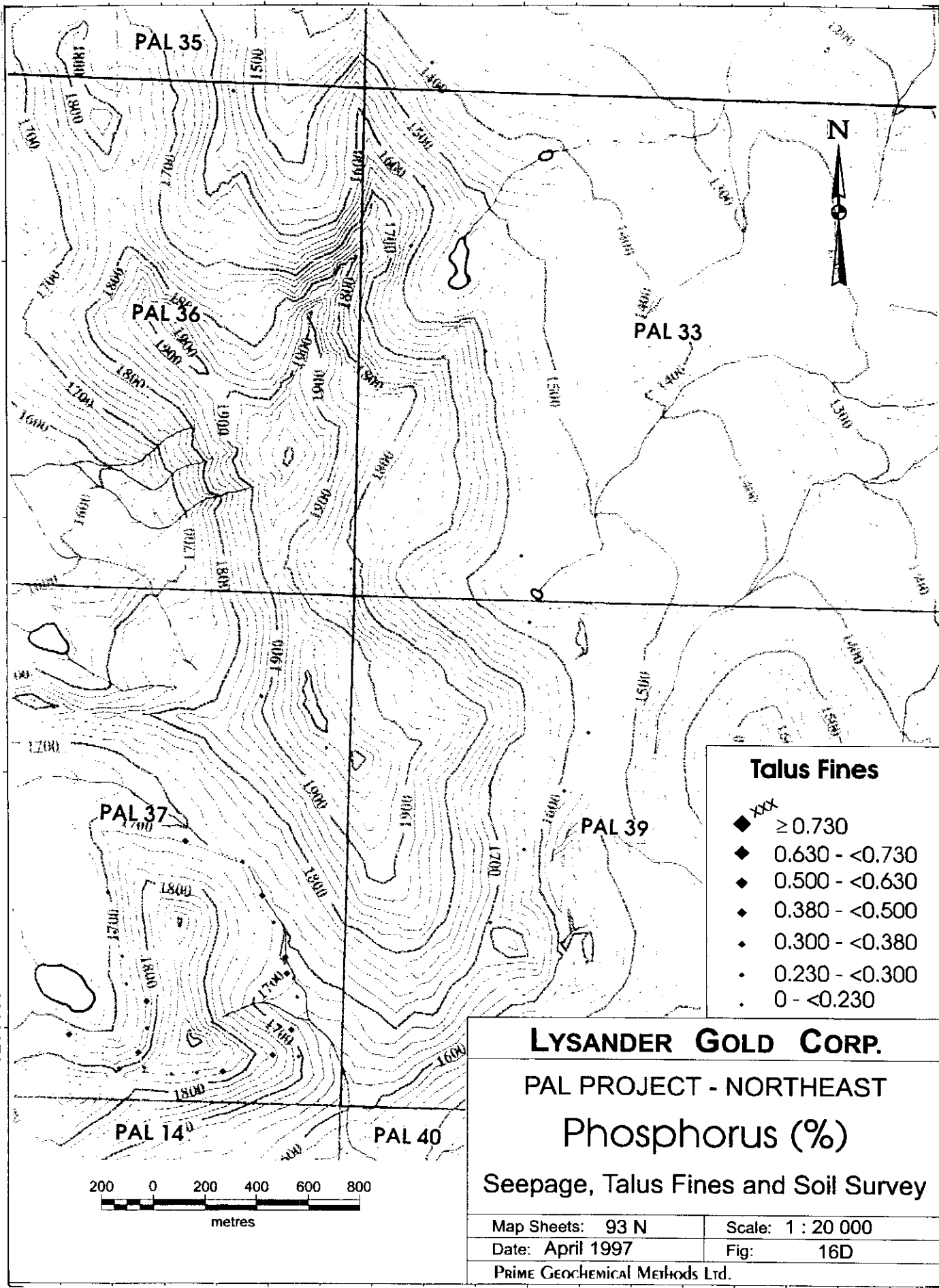
358000

359000

UTM East Coordinates

UTM North Coordinates

6206000
6205000
6204000
6203000

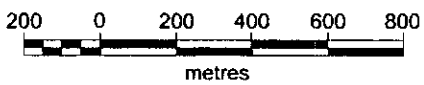


Talus Fines

- ◆ ^{xxx} ≥ 0.730
- ◆ 0.630 - <0.730
- ◆ 0.500 - <0.630
- ◆ 0.380 - <0.500
- ◆ 0.300 - <0.380
- ◆ 0.230 - <0.300
- ◆ 0 - <0.230

LYSANDER GOLD CORP.
PAL PROJECT - NORTHEAST
Phosphorus (%)
Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 16D
PRIME GEOCHEMICAL METHODS LTD.	



357000 358000 359000
UTM East Coordinates

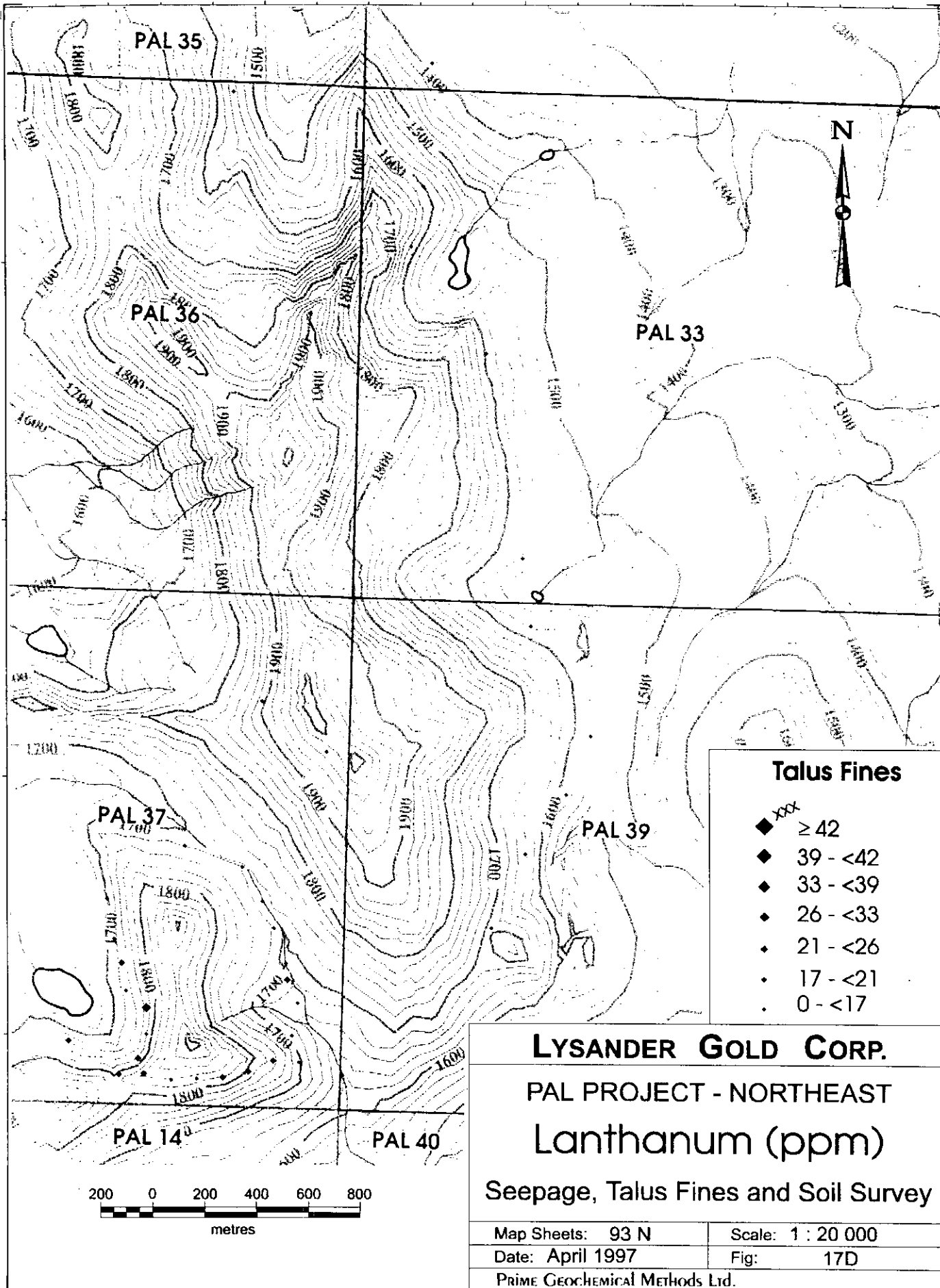
UTM North Coordinates

6206000

6205000

6204000

6203000



Talus Fines

- ◆^{xxx} ≥ 42
- ◆ 39 - <42
- ◆ 33 - <39
- ◆ 26 - <33
- ◆ 21 - <26
- ◆ 17 - <21
- ◆ 0 - <17

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Lanthanum (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 17D

PRIME GEOCHEMICAL METHODS LTD.

357000

358000

359000

UTM East Coordinates

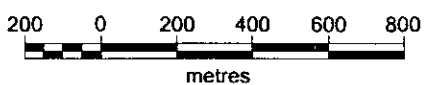
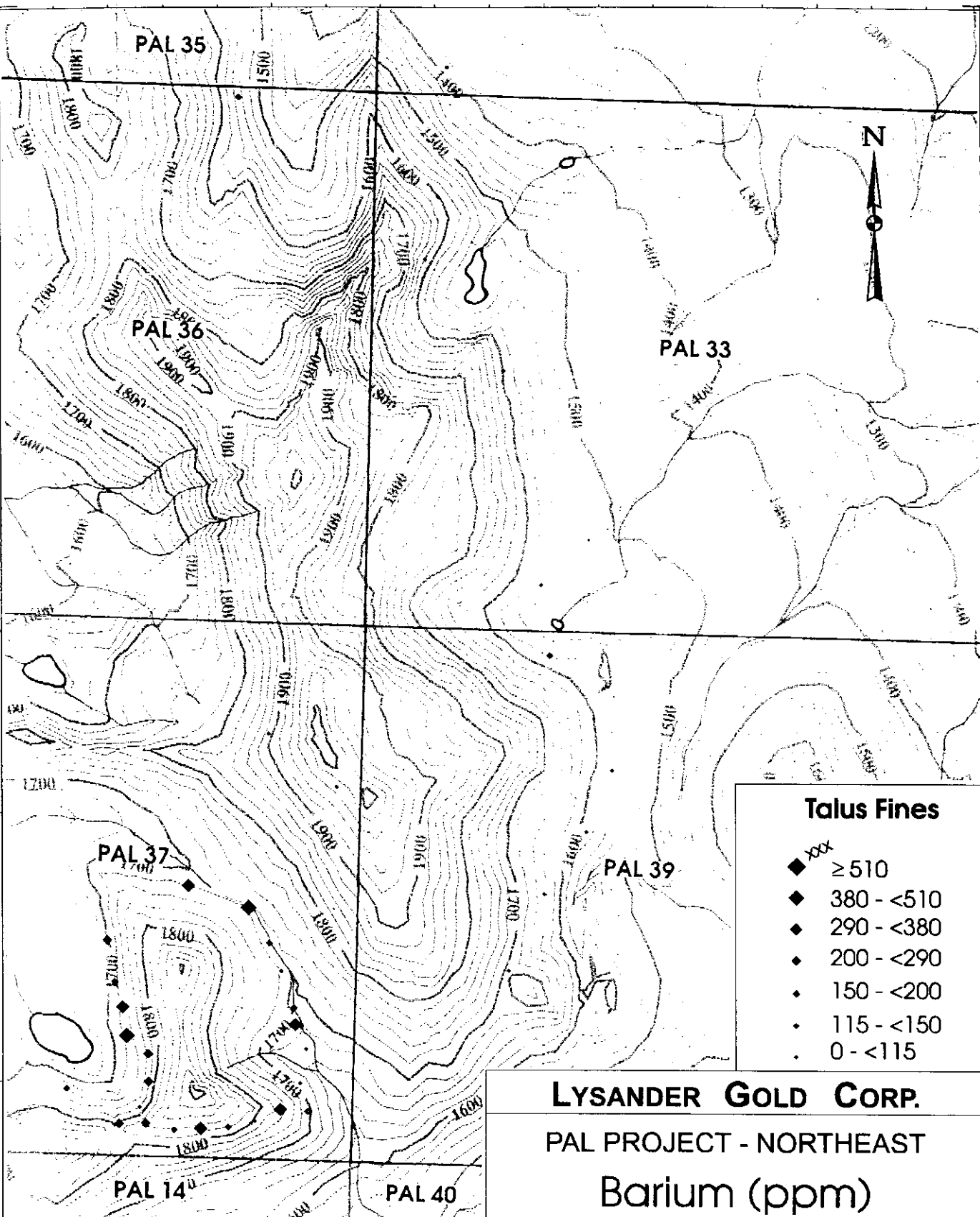
UTM North Coordinates

6206000

6205000

6204000

6203000



LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Barium (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 18D

PRIME GEOCHEMICAL METHODS LTD.

357000

358000

359000

UTM East Coordinates

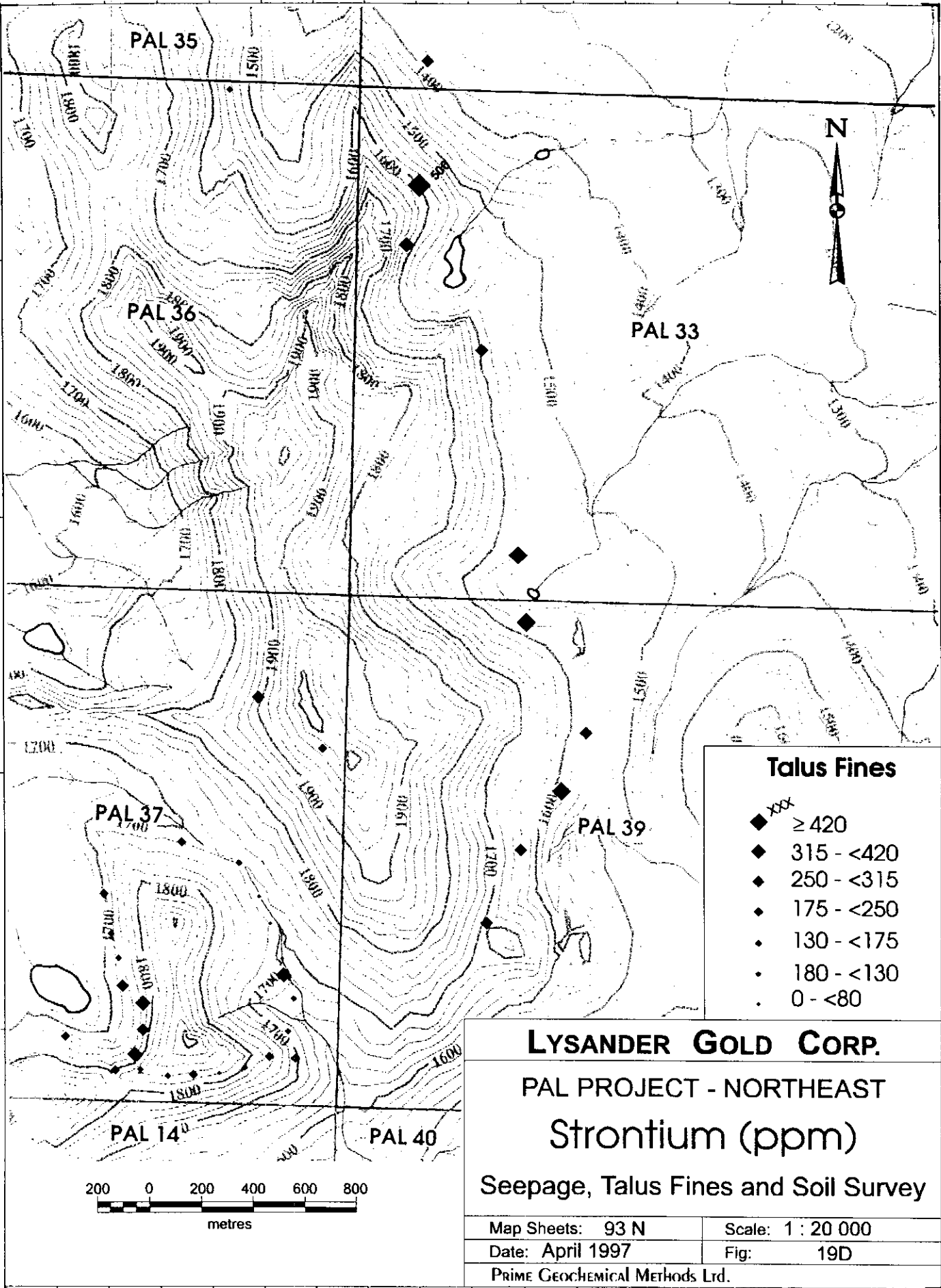
UTM North Coordinates

6206000

6205000

6204000

6203000



Talus Fines

- ◆ xxx ≥ 420
- ◆ 315 - <420
- ◆ 250 - <315
- ◆ 175 - <250
- 130 - <175
- 180 - <130
- 0 - <80

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Strontium (ppm)

Seepage, Talus Fines and Soil Survey

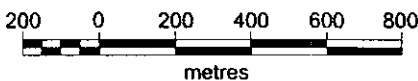
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 19D

PRIME GEOCHEMICAL Methods Ltd.



357000

358000

359000

UTM East Coordinates

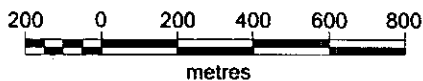
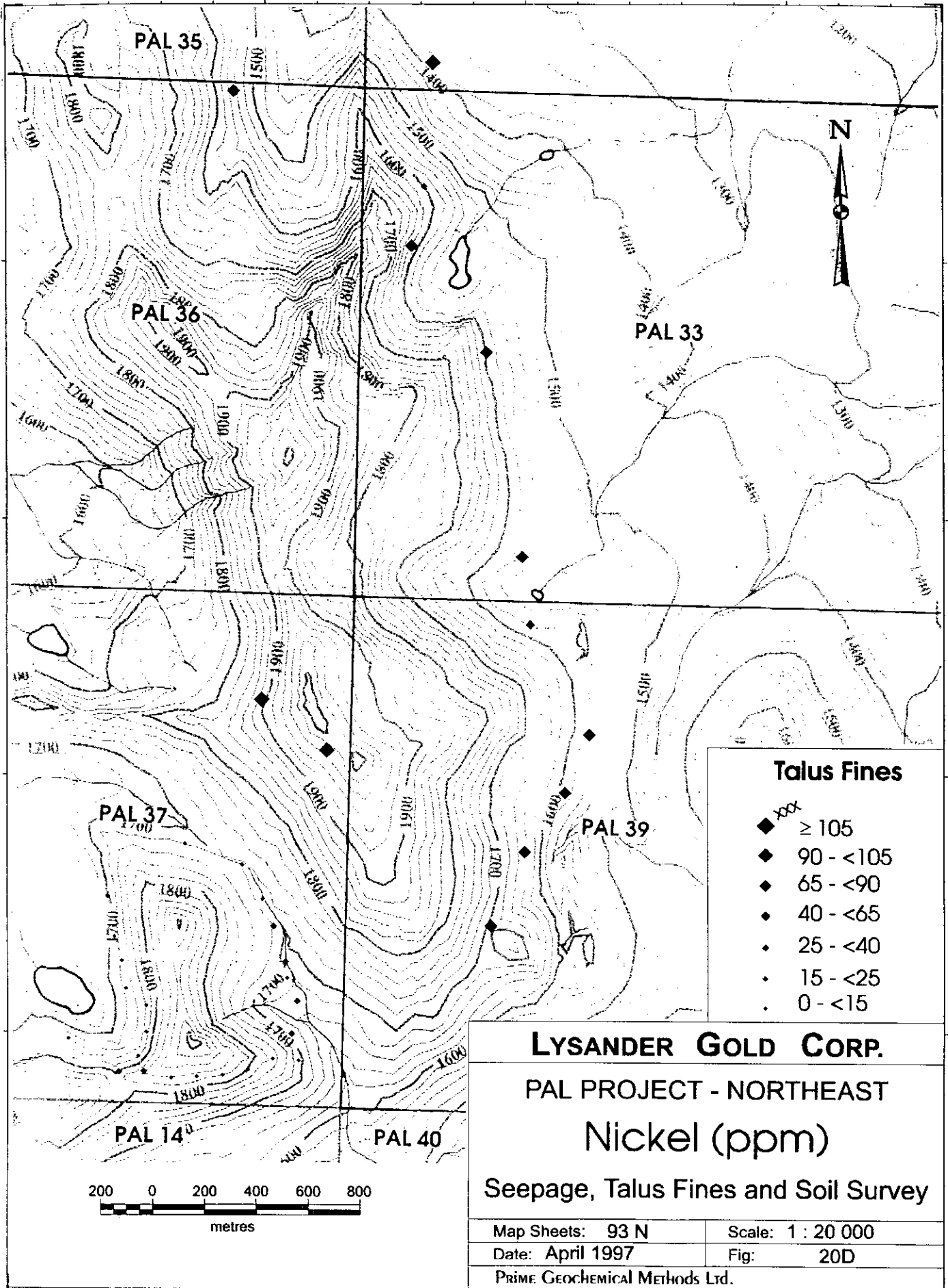
UTM North coordinates

6206000

6205000

6204000

6203000



LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Nickel (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 20D

PRIME GEOCHEMICAL METHODS Ltd.

357000

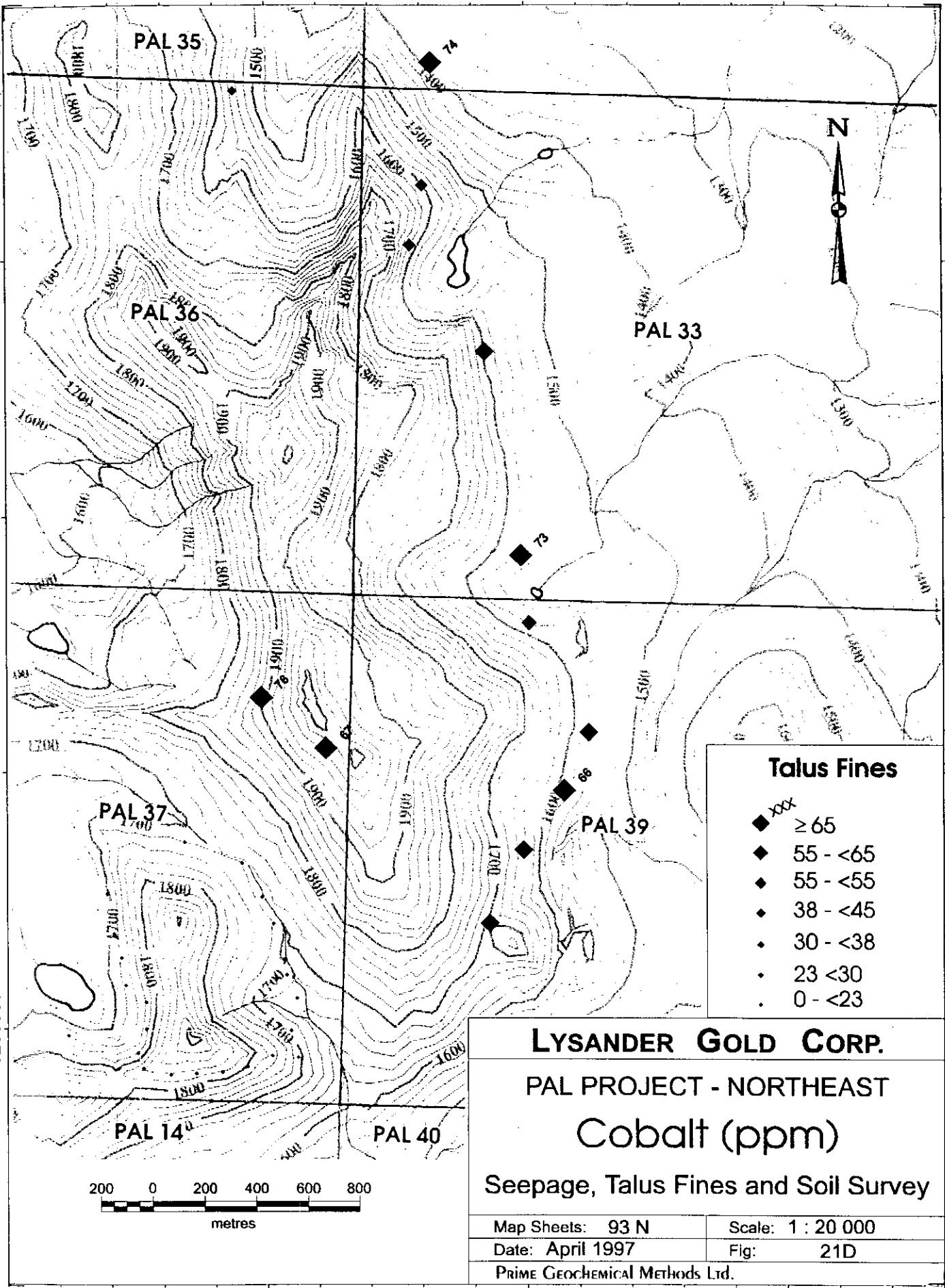
358000

359000

UTM East Coordinates

UTM North Coordinates

6206000
6205000
6204000
6203000

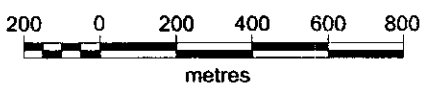


Talus Fines

- ◆ ~~xxx~~ ≥ 65
- ◆ 55 - <65
- ◆ 55 - <55
- ◆ 38 - <45
- 30 - <38
- 23 <30
- 0 - <23

LYSANDER GOLD CORP.
PAL PROJECT - NORTHEAST
Cobalt (ppm)
Seepage, Talus Fines and Soil Survey

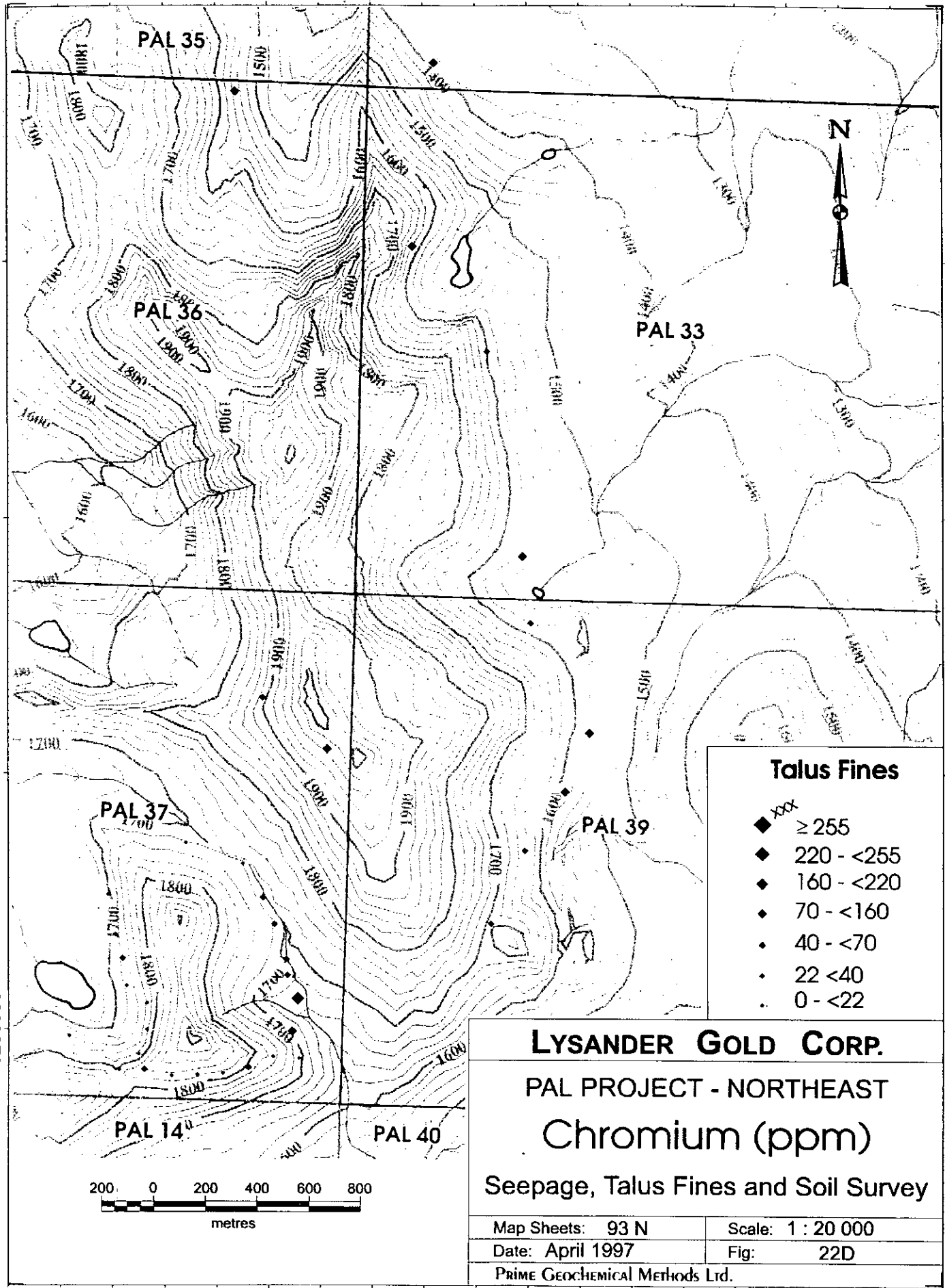
Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 21D
PRIME GEOCHEMICAL METHODS LTD.	



357000 358000 359000
UTM East Coordinates

UTM North Coordinates

6206000
6205000
6204000
6203000



Talus Fines

- ◆ xxx ≥ 255
- ◆ 220 - <255
- ◆ 160 - <220
- ◆ 70 - <160
- 40 - <70
- 22 <40
- 0 - <22

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Chromium (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N	Scale: 1 : 20 000
Date: April 1997	Fig: 22D
PRIME GEOCHEMICAL METHODS LTD.	

357000 358000 359000
UTM East Coordinates

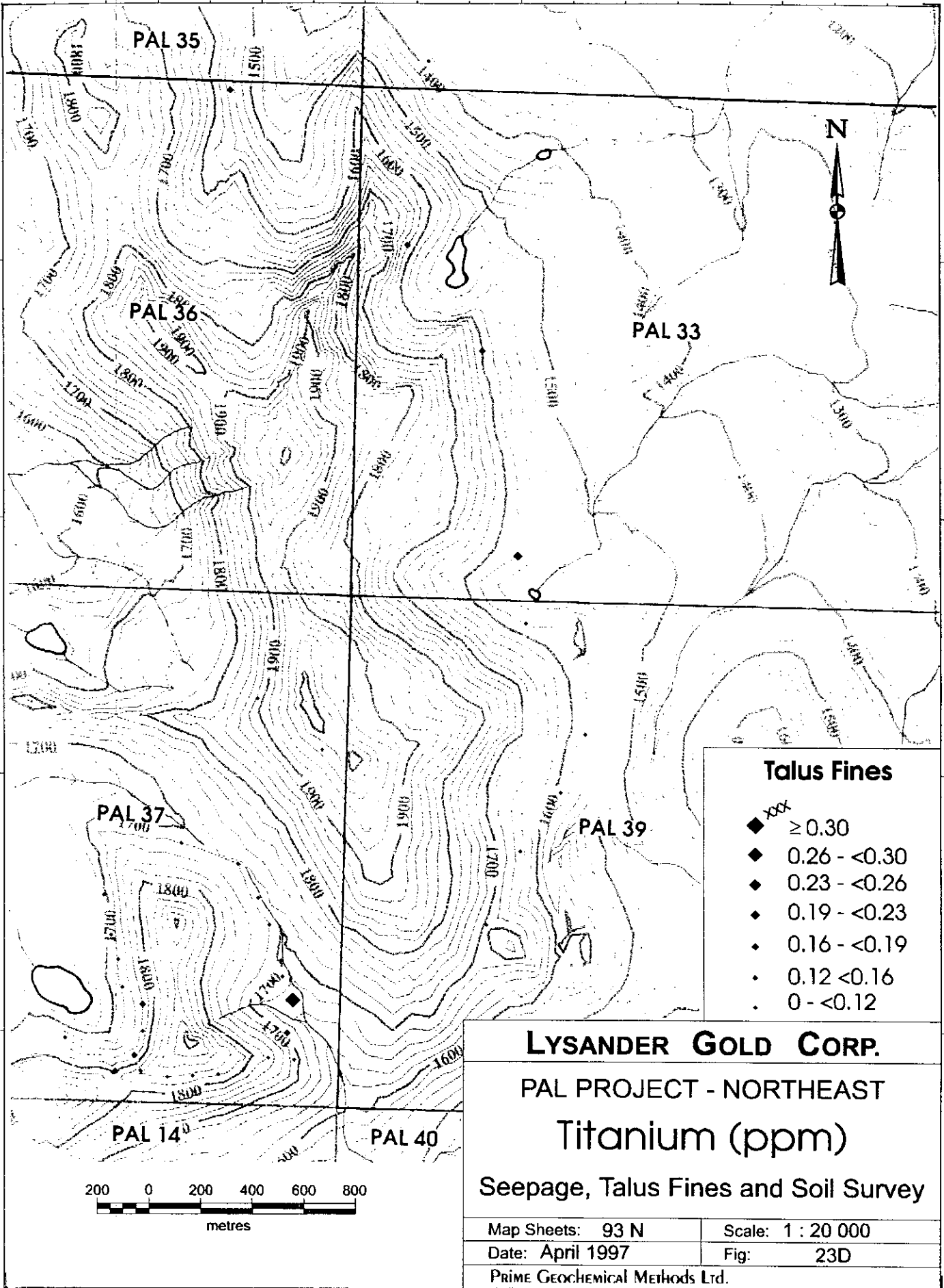
UTM North coordinates

6206000

6205000

6204000

6203000



Talus Fines

- ◆ xxx ≥ 0.30
- ◆ 0.26 - <0.30
- ◆ 0.23 - <0.26
- ◆ 0.19 - <0.23
- ◆ 0.16 - <0.19
- ◆ 0.12 <0.16
- ◆ 0 - <0.12

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Titanium (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 23D

PRIME GEOCHEMICAL METHODS LTD.

357000

358000

359000

UTM East Coordinates

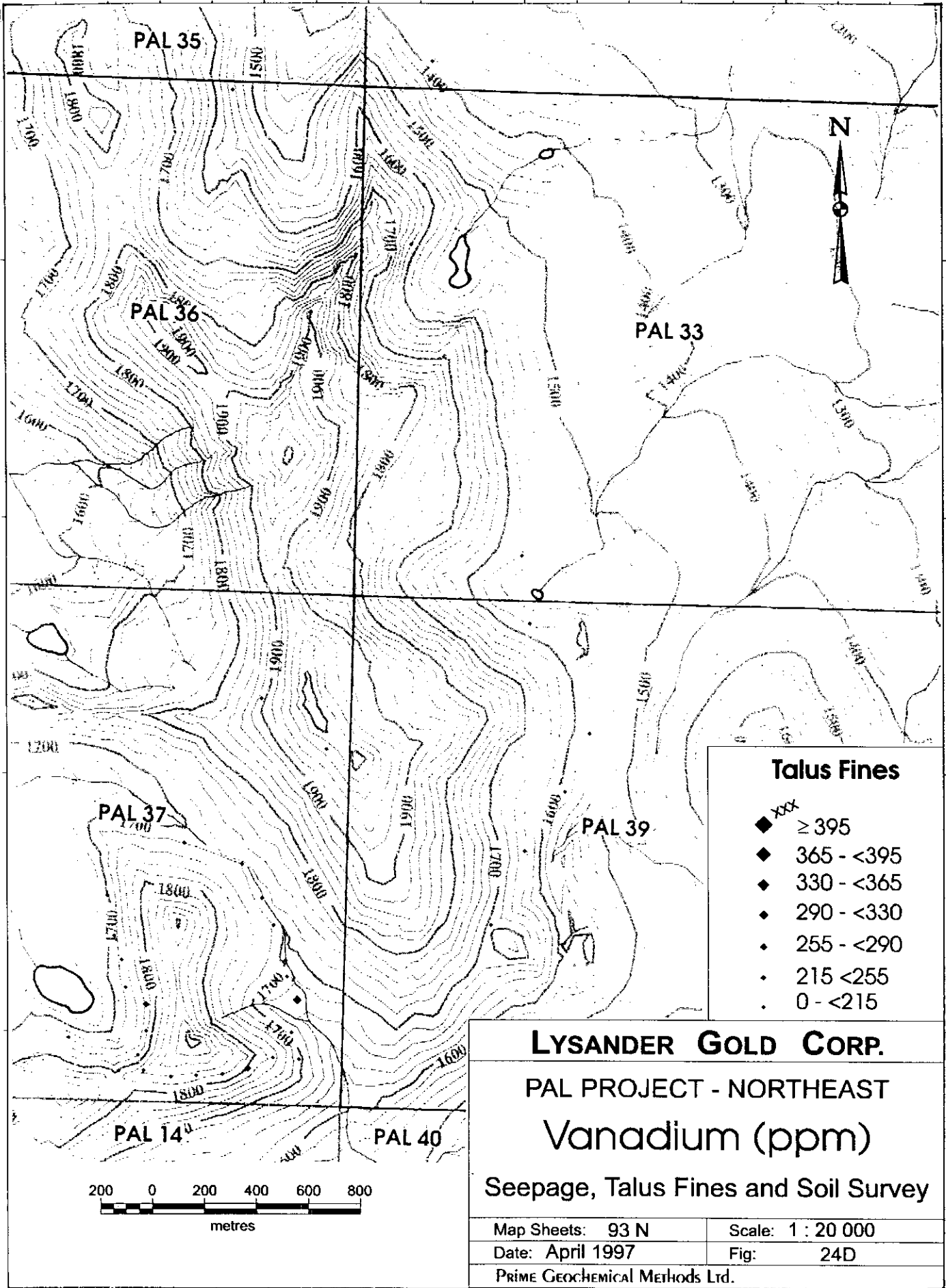
UTM North Coordinates

6206000

6205000

6204000

6203000



Talus Fines

- ◆ xxx ≥ 395
- ◆ 365 - <395
- ◆ 330 - <365
- ◆ 290 - <330
- 255 - <290
- 215 <255
- 0 - <215

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST

Vanadium (ppm)

Seepage, Talus Fines and Soil Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 24D

PRIME GEOCHEMICAL METHODS LTD.

357000

358000

359000

UTM East Coordinates

UTM North Coordinates

6206000

6205000

6204000

6203000

PAL 35

PAL 36

PAL 37

PAL 14

PAL 40

PAL 33

PAL 39

WAS-2

WAS-1

WAS-3

WAS-4

WAS-5

WAS-6

WAS-7

WAS-8

WAS-9

WAS-10

WAS-11

WAS-12

WAS-13

WAS-14

WAS-15

WAS-16

MTF-104

MTF-106

MTF-107

MTF-108

MTF-109

MTF-111

666015

666014

666013

666012

666011

666010

666009

666008

666007

666006

666005

666004

666003

666002

666001

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

666000

N

Talus Fines

LYSANDER GOLD CORP.

PAL PROJECT - NORTHEAST Sample Locations

Talus Fines Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 25D

PRIME GEOCHEMICAL METHODS Ltd.

200 0 200 400 600 800

metres

357000

358000

359000

UTM East Coordinates

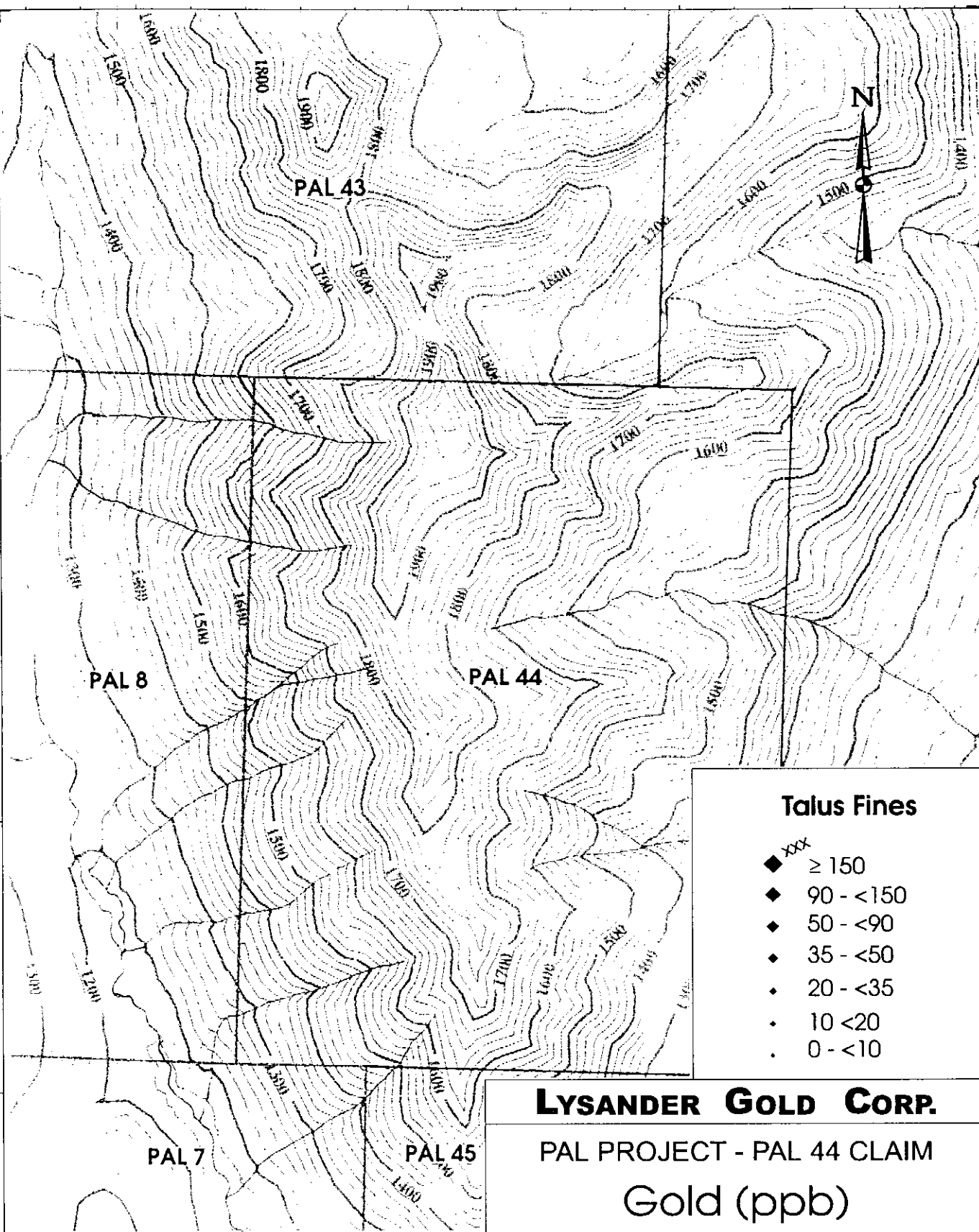
UTM North Coordinates

6196000

6195000

6194000

6193000



Talus Fines

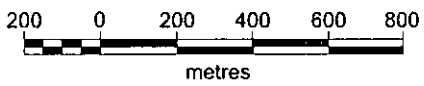
- ◆ xxx ≥ 150
- ◆ 90 - <150
- ◆ 50 - <90
- ◆ 35 - <50
- 20 - <35
- 10 <20
- 0 - <10

LYSANDER GOLD CORP.

PAL PROJECT - PAL 44 CLAIM

Gold (ppb)

Talus Fines Survey



Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 1E

PRIME GEOCHEMICAL METHODS LTD.

359000

360000

361000

UTM East Coordinates

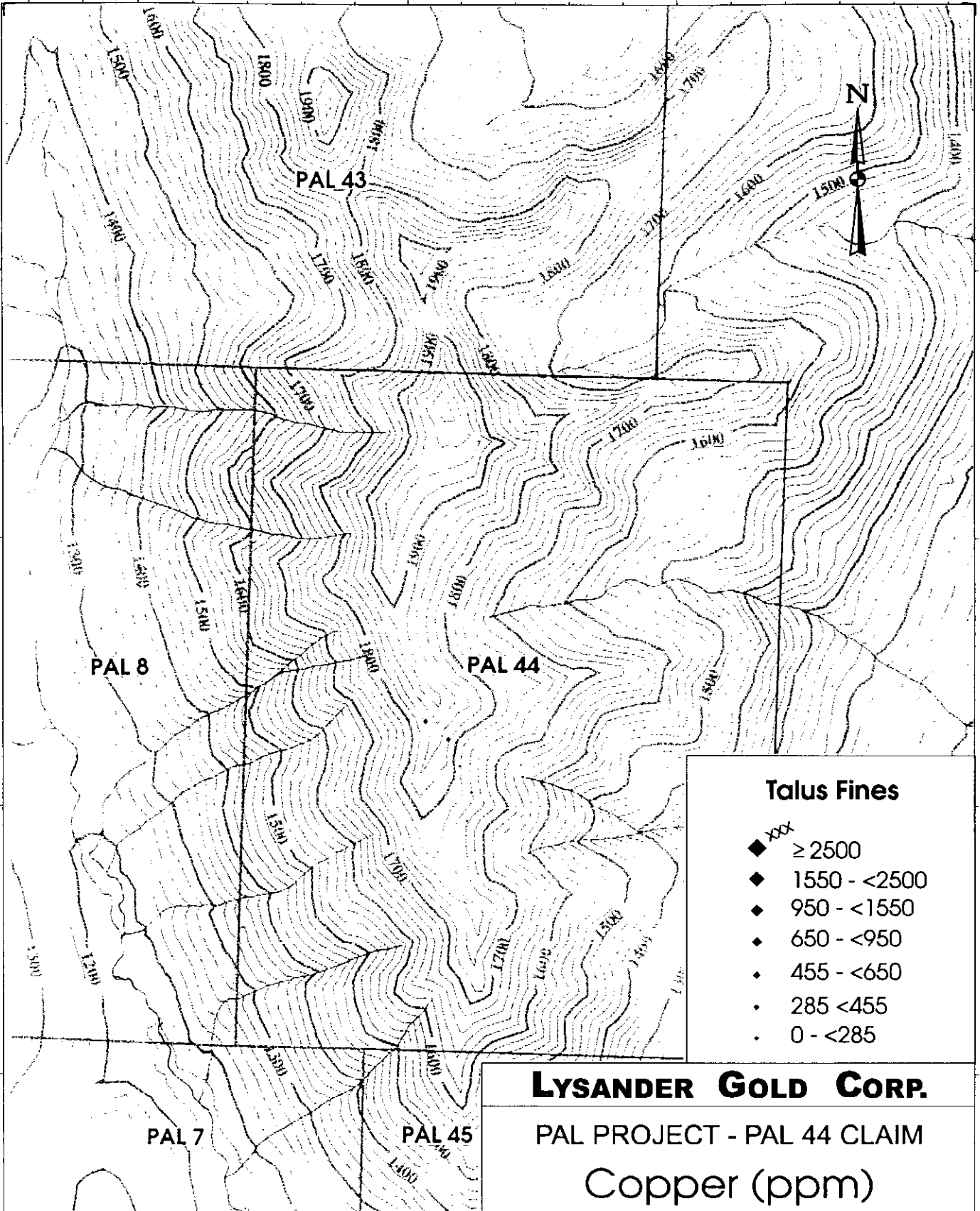
UTM North Coordinates

6196000

6195000

6194000

6193000



Talus Fines

- ◆ ^{xxx} ≥ 2500
- ◆ 1550 - <2500
- ◆ 950 - <1550
- ◆ 650 - <950
- ◆ 455 - <650
- 285 <455
- 0 - <285

LYSANDER GOLD CORP.

PAL PROJECT - PAL 44 CLAIM

Copper (ppm)

Talus Fines Survey

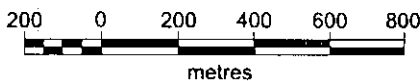
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 2E

PRIME GEOCHEMICAL METHODS LTD.



359000

360000

361000

UTM East Coordinates

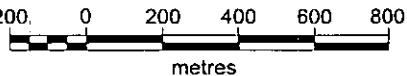
UTM North Coordinates

6196000

6195000

6194000

6193000

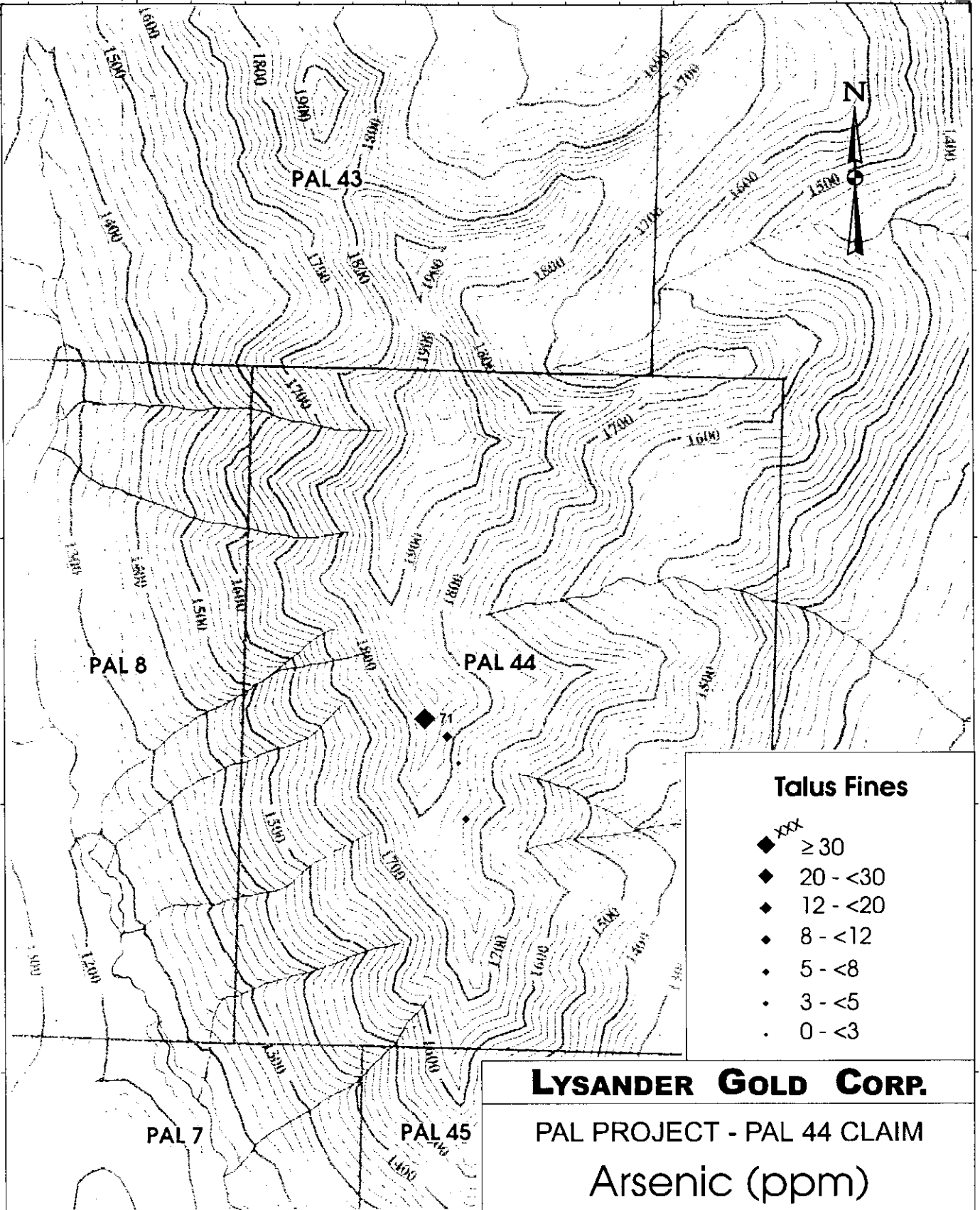


359000

360000

361000

UTM East Coordinates



Talus Fines

- ◆ xxx ≥ 30
- ◆ 20 - <30
- ◆ 12 - <20
- ◆ 8 - <12
- ◆ 5 - <8
- ◆ 3 - <5
- 0 - <3

LYSANDER GOLD CORP.

PAL PROJECT - PAL 44 CLAIM

Arsenic (ppm)

Talus Fines Survey

Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 3E

PRIME GEOCHEMICAL METHODS LTD.

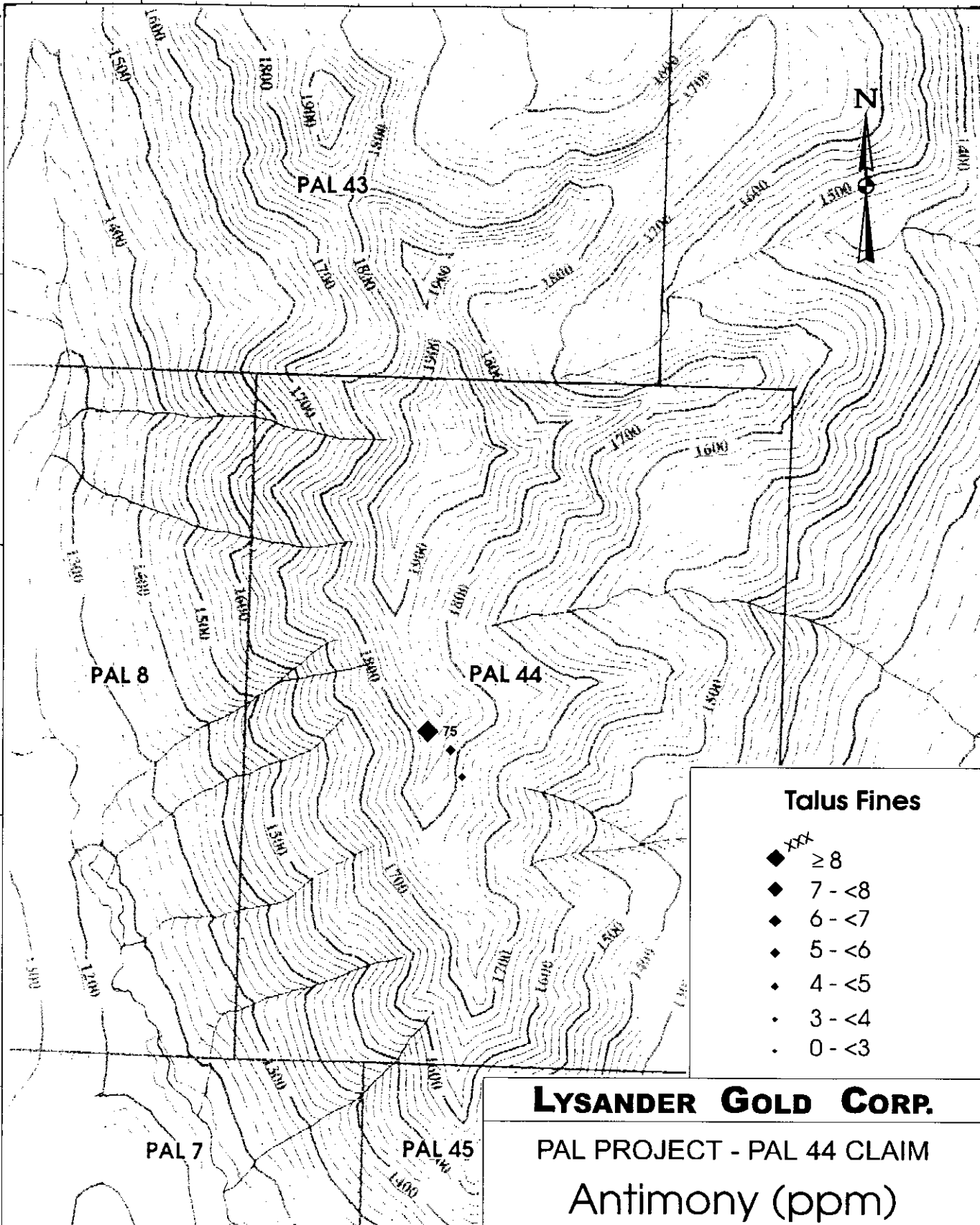
UTM North Coordinates

6196000

6195000

6194000

6193000



Talus Fines

- ◆ xxx ≥ 8
- ◆ 7 - <8
- ◆ 6 - <7
- ◆ 5 - <6
- ◆ 4 - <5
- ◆ 3 - <4
- ◆ 0 - <3

LYSANDER GOLD CORP.

PAL PROJECT - PAL 44 CLAIM

Antimony (ppm)

Talus Fines Survey

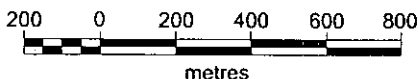
Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 4E

PRIME GEOCHEMICAL METHODS LTD.



359000

360000

361000

UTM East Coordinates



UTM North Coordinates

6196000

6195000

6194000

6193000

- ♦ 777001
- ♦ 777002
- ♦ 777003
- ♦ 777004
- ♦ 777005



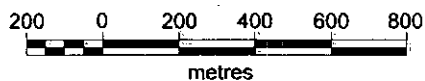
Talus Fines

LYSANDER GOLD CORP.

PAL PROJECT - PAL 44 CLAIM

Sample Locations

Talus Fines Survey



Map Sheets: 93 N

Scale: 1 : 20 000

Date: April 1997

Fig: 5E

PRIME GEOCHEMICAL METHODS LTD.

359000

360000

361000

UTM East Coordinates