EL 7754
(including MCNs 117 to 119)

ANNUAL REPORT TO 2nd JULY 1995

Pine Creek Sheet 5270.4 Burrundie 14/6-IV

Tenement Holder: Mr R Biddlecombe

Managed By: Northern Gold NL and Camelot Northern Territory

Compiled by

Andrew Hardy

July 1995

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SUMMARY

Quasco Northern Surveys were contracted to establish a base line on 779600mN from 494600mN to 8496600mN in EL 7754. This base line was used to control exploration in MCNs 117, 118 and 119 and EL 7754.

Infill soil sampling was completed in two areas of the northern block in EL 7754. The results produced distinct north-northwest trending Au, As and Cu anomalies.

A regional rock chip program was completed with assay results returned up to 3.75 ppm Au.

Scout RC drilling was completed in early October 1994. The results were encouraging with nine holes reporting intersections above 0.70 g/t Au. Additional drilling has been recommended to close Au mineralisation along strike to the north and south of current drill lines and to the west down dip.

Further scout RC drilling has been proposed targeting the Au anomaly identified in the 1995 infill soil program.

A total of $78,364 was spent during the anniversary year

1 INTRODUCTION

1.1 Title

EL 7754 was granted on 2nd July 1992 to Mr R M Biddlecombe for a period of three years. The licence covers two graticular blocks and had an expenditure covenant for the third year of tenure of $43,500. The tenement is managed by Northern Gold NL under a farm-in agreement with Mr R M Biddlecombe. In October 1994 the southern graticular block was surrendered.

1.2 Location and access

EL 7754 is located approximately five kilometres northwest of Emerald Springs within the Cullen Mineral Field (Figure 1). Access is from Stuart Highway via bush tracks. EL 7754 is located within the Mary River pastoral lease (PL 1601).

1.3 Previous exploration

The earliest work in the area covered by EL 7754 was conducted by the Chinese in the late 19th century. They mainly targeted alluvial Au in drainage systems along the hinge of the Margaret Anticline. There is no documentation of Au being mined from quartz reefs or lode system in the same area. However, specimens of quartz containing coarse Au from the area suggest that the primary reef Au may have been mined from similar quartz leaders.

Nord Resources Exploration Pty Ltd held part of MCNs 117, 118 and 119 as EL 1601 in 1977, and conducted extensive searches for base-metals, uranium and gold. From an undisclosed area of the Margaret Anticlinal closure, twelve samples were collected and yielded assay results greater than 0.1 g/t Au and up to 5.10 g/t Au. These results are reported in the Annual Report for EL 1601.

Calvert River Manganese was granted EL 5006 in October 1987, which is now the central graticular block of EL 7754 and incorporates MCNs 117, 118 and 119. Cavert Rivers exploration included air photo interpretation, lithological mapping and rock sampling (Holden 1989). Rock chip sampling returned encouraging results with samples from a shear zone in the fold hinge, returning assay values between 3 g/t Au and 7 g/t Au. However, no agreement was made between the title holders of MCNs 117, 118 and 119 and Calvert River Manganese to continue exploration within these mineral claims. Subsequently EL 5006 was relinquished in 1989 on the grounds that there was insufficient geological evidence, outside existing mineral claims, to justify further exploration.

EL 7754 LOCATION MAP

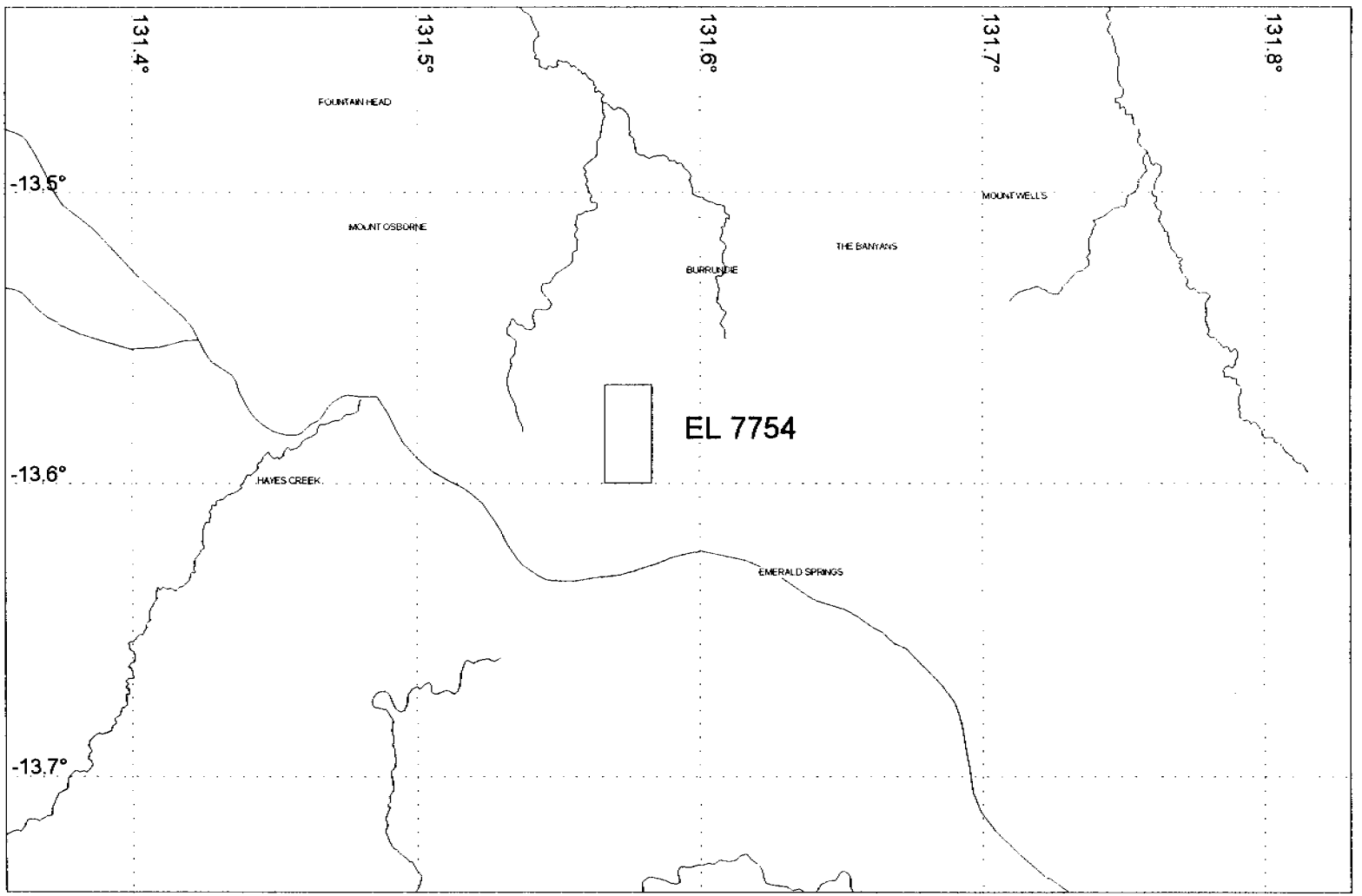


FIGURE 1

2 GEOLOGY

2.1 Regional Geology

EL 7754 is situated within the Pine Creek Geosyncline, a tight to isoclinally folded sequence of mainly pelitic and psammitic Lower Proterozoic sediments with interlayered tuff units. All rocks in the area have been metamorphosed to low, and in places medium grade, metamorphic assemblages. For the purposes of this report the prefix "meta" is implied, but omitted from the rock names and descriptions.

The sequence has been intruded by pre-orogenic sills of the Zamu Dolerite and a number of late syn-orogenic to post-orogenic Proterozoic granitoids. Largely undeformed Middle and Late Proterozoic, Palaeozoic and Mesozoic strata as well as Cenozoic sediments and laterite overlie the Pine Creek Geosyncline rocks.

2.2 Local Geology

The area covered by the tenement is dominated by rocks of Upper Wildman Siltstone (Mt Partridge Group), the Lower to Upper Koolpin Formation, and the Gerowie Tuff (South Alligator Group). The sediments have been intruded by pre-orogenic sills of Zamu Dolerite and by granitic rocks of the syn-orogenic Cullen Batholith (Hardy 1994 and Holden 1989).

The Margaret Anticline is the dominant structure in the area, trending north-northwest through the mineral claims (Figure 2). The western limb dips between 45^0 and 60^0 to the west with the eastern limb dipping slightly steeper between 60^0 and 70^0 to the east. The fold closure is located slightly east of the mineral claims and plunges at approximately 30^0 to the south-southeast. The Upper Wildman Siltstone represents the lower most rock unit in the core of the fold. In the area of the mineral claims the Wildman Siltstone is flanked by rocks of the Lower Koolpin Formation and two sills of Zamu Dolerite. The stratigraphically lower sill divides the upper sequence of the Wildman Siltstone, whereas the stratigraphically higher dolerite sill divides the contact between the upper Wildman Siltstone and the Lower Koolpin Formation. Rocks of the Gerowie Tuff are exposed to the west and south of the mineral claims.

To the south of the tenement the a coarse porphyritic ademellite, cross cuts all Proterozoic sedimentary rocks, and is commonly covered by sandy alluvium and soils. Medium grade contact metamorphism has occurred along this granite/sediment contact zone and is best observed as hornfels and chiastolic hornfels in carbonaceous siltstones of the Lower Koolpin Formation.

Qa = Quaternary Alluvium

Qf = Quartz Float

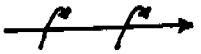
q = Quartz Vein

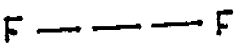
Pdz = Zamu Dolerite: fine- to coarse-grained metadolerite

Psg = Gerowie Tuff: cherty tuff, grey green phyllite and tuffaceous siltstone

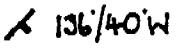
Psk/ch = Koolpin Formation: graphitic and ferruginous metasiltstone, carbonaceous shale and locally chiastolic hornfels; metachert (ch) and minor quartzite and sandstone.

Ppw = Wildman Siltstone: red, quartz-muscovite phyllite; green, laminated, quartz-chlorite phyllite; minor fine grained, ferruginised quartzite and sandstone.


Overturned Anticline with plunge



Fault



Dip and Strike of Bedding


Historic Alluvial Workings


Historic Hard-Rock Workings


Proposed Dam


Dirt Track


Shed

FIGURE 2 KEY

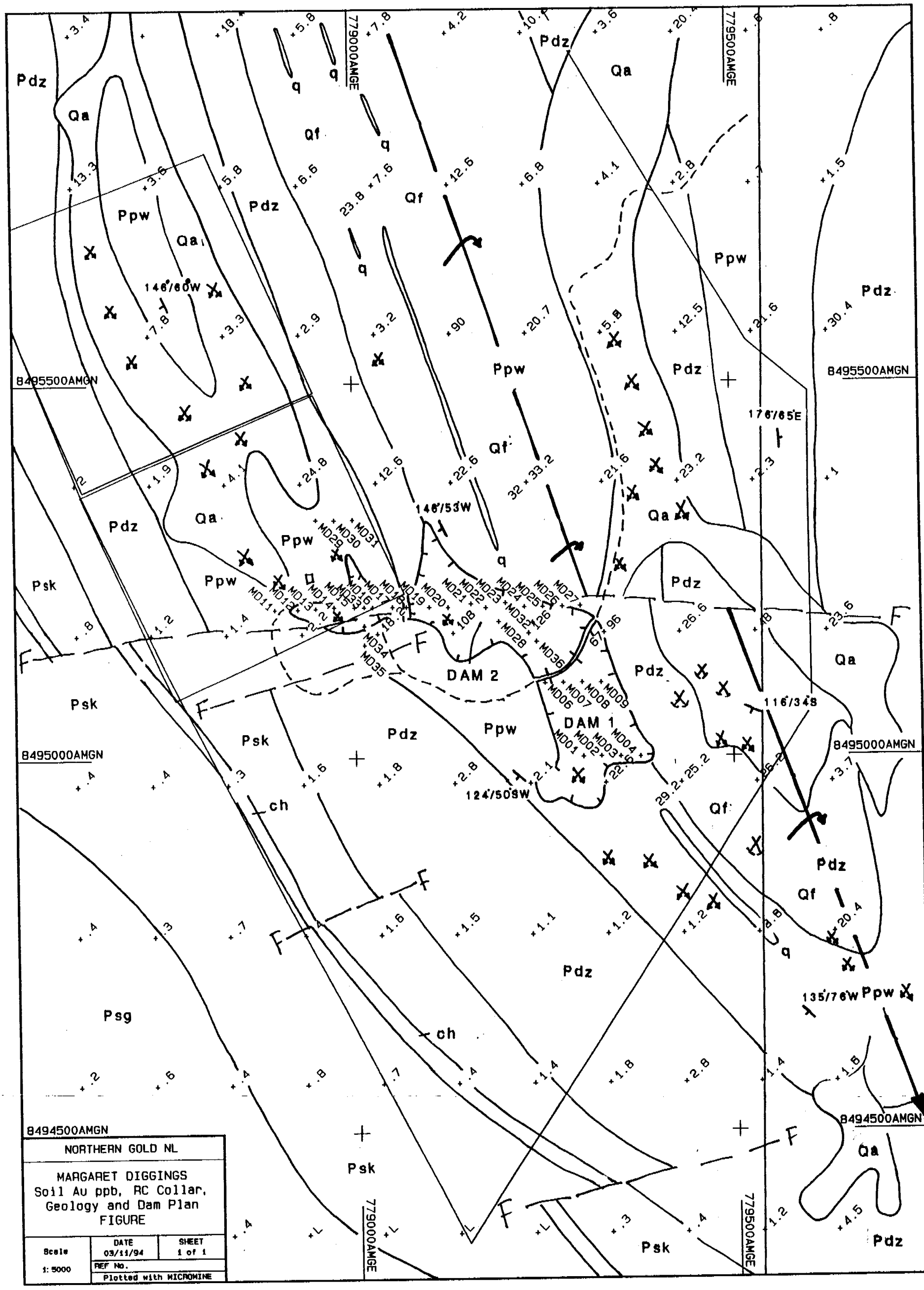

Pdz
Qa
Ppw
Qa1
Qf
q
Psk
Psg
ch
DAM 2
DAM 1
F
146°/60°W
146°/53°W
124°/50°SW
176°/65°E
116°/34°S
135°/76°W
779000AMGE
779500AMGE
8495500AMGN
8495000AMGN
8494500AMGN
NORTHERN GOLD NL
MARGARET DIGGINGS
Soil Au ppb, RC Collar, Geology and Dam Plan
FIGURE
Scale 1:5000
DATE 03/11/94
SHEET 1 of 1
REF No.
Plotted with MICROMINE

FIGURE 2

Numerous northeast-southwest and east-west faults cross cut and offset the Margaret Anticline. The faults are preserved as haematite-rich breccias with minor quartz filling (Holden 1989). Large quartz ridges parallel the hinge of the Margaret Anticline.

3 EXPLORATION COMPLETED

Northern Gold NL completed an extensive exploration program in EL 7754 during 1995. Exploration completed in 1995 included surveying, infill soil sampling, geological mapping, rock chip sampling and scout RC drilling.

3.1 Surveying

Quasco Northern Surveys were contracted to establish a base line on 779600mN from 494600mN to 8496600mN in EL 7754. This base line was used to control exploration in MCNs 117, 118 and 119 and EL 7754.

Star pickets and wooden fence droppers were placed every 100 metres with AMG N and AMG E coordinates and relative levels stamped on attached metal tags. An assumed relative level of 100 metres was designated to calculate all elevation measurements. This base line was used to control reconnaissance geological mapping and scout RC drilling in the central block of EL 7754, and within MCNs 117, 118 and 119.

3.2 Soil Sampling

In June 1995 an infill soil sample program targeting two anomalies identified in the 1994 field season was completed. A total of 402 samples were collected from two areas of the licence every 10 metres and composited to 20 metres along 100 metre spaced lines, and submitted to Assaycorp for 50 gram, quartz flush low level fire assay Au, As, Cu, Pb and Zn analysis. Soil sample locations and results are presented in Appendix 1 and shown in Figures 3 to 8.

3.3 Results of Soil Sampling

The 1995 infill soil sampling produced broadly coincident Au, As and Cu anomalies in both areas sampled. Results from infill soil sampling the eastern area returned a relatively stronger and elliptical soil anomaly, with peak values of 295 ppb Au, 240 ppm As and 230 ppm Cu. The western area infill soil sampled returned a weaker and elongate anomaly with peak values of 45 ppb Au, 220 ppm As and 198 ppm Cu. A spot high of 1315 ppb Au was returned from the northeastern corner of the western area infill sampled.

3.4 Geological Mapping

A program of structural and lithological mapping was completed over the central graticular block of EL 7754 at 1:500 scale (Figure 2).

8497500N

8498000N

8498500N

778000E

778500E

779000E

779500E

+86846 +86845 +86844 +86843 +86842 +86840 +86839 +86838 +86837 +86836 +86835 +86834 +86833 +86832 +86831 +86830 +86829 +86828

+86865 +86864 +86863 +86862 +86860 +86859 +86858 +86857 +86856 +86855 +86854 +86853

+86883 +86882 +86880 +86879 +86878 +86877 +86876 +86875 +86874 +86873 +86872 +86871

+86903 +86902 +86900 +86899 +86898 +86897 +86896 +86895 +86894 +86893 +86892 +86891

+86922 +86920 +86919 +86917 +86916 +86915 +86914 +86913 +86912 +86911 +86910 +86909

+102431 +102432 +102433 +102434 +102435 +102436 +102437 +102438 +102439 +102440 +102442 +102443 +102444 +102445 +102446 +102447 +102448 +102449 +102450 +102451 +102452 +102453 +102454 +102455 +102456 +102457 +102458 +102459 +102460 +102462

+102399 +102400 +102402 +102403 +102404 +102405 +102406 +102407 +102408 +102409 +102410 +102411 +102412 +102413 +102414 +102415 +102416 +102417 +102418 +102419 +102420 +102422 +102423 +102424 +102425 +102426 +102427 +102428 +102429 +102430

+102368 +102369 +102370 +102371 +102372 +102373 +102374 +102375 +102376 +102377 +102378 +102379 +102381 +102382 +102383 +102384 +102385 +102386 +102387 +102388 +102389 +102390 +102391 +102392 +102393 +102394 +102395 +102396 +102397 +102398

+102336 +102337 +102338 +102339 +102340 +102342 +102343 +102344 +102345 +102346 +102347 +102348 +102349 +102350 +102351 +102352 +102353 +102354 +102355 +102356 +102357 +102358 +102359 +102360 +102362 +102363 +102364 +102365 +102366 +102367

+102305 +102306 +102307 +102308 +102309 +102310 +102311 +102312 +102313 +102314 +102315 +102316 +102317 +102318 +102319 +102320 +102322 +102323 +102324 +102325 +102326 +102327 +102328 +102329 +102330 +102331 +102332 +102333 +102334 +102335

+102273 +102274 +102275 +102276 +102277 +102278 +102279 +102280 +102282 +102283 +102284 +102285 +102286 +102287 +102288 +102289 +102290 +102291 +102292 +102293 +102294 +102295 +102296 +102297 +102298 +102299 +102300 +102302 +102303 +102304

+102647 +102648 +102649 +102650 +102651 +102652 +102653 +102654 +102655 +102656 +102657 +102658 +102659 +102660 +102662 +102663 +102664 +102665 +102666 +102667 +102668 +102669 +102670 +102671 +102672

+102622 +102623 +102624 +102625 +102626 +102627 +102628 +102629 +102630 +102631 +102632 +102633 +102634 +102635 +102636 +102637 +102638 +102639 +102641 +102642 +102643 +102644 +102645 +102646

+102595 +102596 +102597 +102598 +102599 +102600 +102602 +102603 +102604 +102605 +102606 +102607 +102608 +102609 +102610 +102611 +102612 +102613 +102614 +102615 +102616 +102617 +102618 +102619

+102569 +102570 +102571 +102572 +102573 +102574 +102575 +102576 +102577 +102578 +102579 +102580 +102582 +102583 +102584 +102585 +102586 +102587 +102588 +102589 +102590 +102591 +102592 +102593

+102542 +102543 +102544 +102545 +102546 +102547 +102548 +102549 +102550 +102551 +102552 +102553 +102554 +102555 +102556 +102557 +102558 +102559 +102560 +102562 +102563 +102564 +102565 +102566 +102567

+102515 +102516 +102517 +102518 +102519 +102520 +102522 +102523 +102524 +102525 +102526 +102527 +102528 +102529 +102530 +102531 +102532 +102533 +102534 +102535 +102536 +102537 +102538 +102539 +102540

+102489 +102490 +102491 +102492 +102493 +102494 +102495 +102496 +102497 +102498 +102499 +102500 +102502 +102503 +102504 +102505 +102506 +102507 +102508 +102509 +102510 +102511 +102512 +102513 +102514

+102463 +102464 +102465 +102466 +102467 +102468 +102469 +102470 +102471 +102472 +102473 +102474 +102475 +102476 +102477 +102478 +102479 +102480 +102482 +102483 +102484 +102485 +102486 +102487 +102488

86848 86852 86851 86850 86849 86870 86869 86868 86867 86866 86890 86889 86888 86887 86886 86908 86907 86906 86905 86904

EL 7754
SOIL SAMPLE LOCATIONS
FIGURE 3

NORTHERN GOLD NL

Scale 1:5000

DATE 28/07/95

SHEET 1 of 1

REF No.

Plotted with MICROMINE

8497500N

8498000N

8498500N

778000E

778500E

779000E

779500E

NORTHERN GOLD NL

EL 7754
SOIL SAMPLES
Au PPB
FIGURE 4

Scale 1:5000

DATE 28/07/95

REF No.

SHEET 1 of 1

Plotted with MICROMINE

8497500N
8498000N
8498500N
778000E
778500E
779000E
779500E

NORTHERN GOLD NL

EL 7754
SOIL SAMPLES
AS PPM
FIGURE 5.

Scale 1:5000

DATE 28/07/95

REF No.

SHEET 1 of 1

Plotted with MICROMINE

8497500N
8498000N
8498500N
778000E
778500E
779000E
779500E

+37 +73 +56 +43 +65 +39 +41 +34 +36 +48 +80 +94 +58 +46 +30 +47 +26 +72 +69
+56 +19 +76 +58 +75 +95 +75 +69 +56 +55 +52 +53 +72 +70 +58 +71 +118 +80 +131 +66 +104
+59 +67 +81 +91 +82 +95 +62 +43 +42 +44 +94 +89 +103 +97 +97 +88 +75 +58 +103
+41 +48 +71 +107
+57 +77 +83 +73 +61 +57 +52 +59 +64 +85 +89 +109 +110 +111 +82 +57 +60 +56 +52 +53 +52 +56 +73 +67 +93 +71 +73 +27 +28 +52 +49
+50 +67 +34 +46 +29 +50 +38 +61 +42 +51 +65 +57 +96 +71 +77 +79 +67 +117 +138 +147 +176 +223 +217 +169 +139 +100 +86 +83 +53 +77 +63 +69 +49
+56 +57 +50 +61 +54 +65 +81 +122 +86 +82 +60 +61 +55 +62 +57 +54 +56 +61 +53 +44 +36 +67 +82 +29 +27 +35 +49 +51 +105
+63 +56 +56 +59 +66 +78 +113 +97 +51 +49 +56 +57 +46 +44 +52 +55 +75 +42 +34 +49 +61 +54 +47
+51 +56 +63 +116 +169 +198 +120 +72 +67 +63 +62 +60 +55 +61 +101 +83 +44 +51 +48 +61 +59 +68 +66 +74 +94 +61 +72
+50 +49 +48 +55 +92 +55 +61 +37 +38 +34 +32 +37 +36 +43 +38 +63 +64 +58 +53 +61 +62 +59 +52 +59 +55 +78 +66 +53 +59 +61 +68 +66 +74 +81 +86 +84
+94 +90 +109 +80 +69 +51 +46 +47 +41 +40 +40 +42 +37 +63 +39 +50 +47 +53 +46 +43 +50 +54 +67 +73 +83 +79 +62 +55 +61 +66
+96 +83 +72 +28 +73 +70 +64 +60 +51 +79 +60 +54 +62 +59 +48 +43 +44 +46 +44 +49 +46 +43 +53 +54 +45 +52 +57 +53 +9349 +45

EL 7754
SOIL SAMPLES
Cu PPM
FIGURE 6.

NORTHERN GOLD NL

Scale 1:5000
DATE 28/07/95
REF No.
SHEET 1 of 1
Plotted with MICROMINE

8497500N

8498000N

8498500N

778000E

778500E

779000E

779500E

NORTHERN GOLD NL

EL 7754
SOIL SAMPLES
Zn PPM
FIGURE 7.

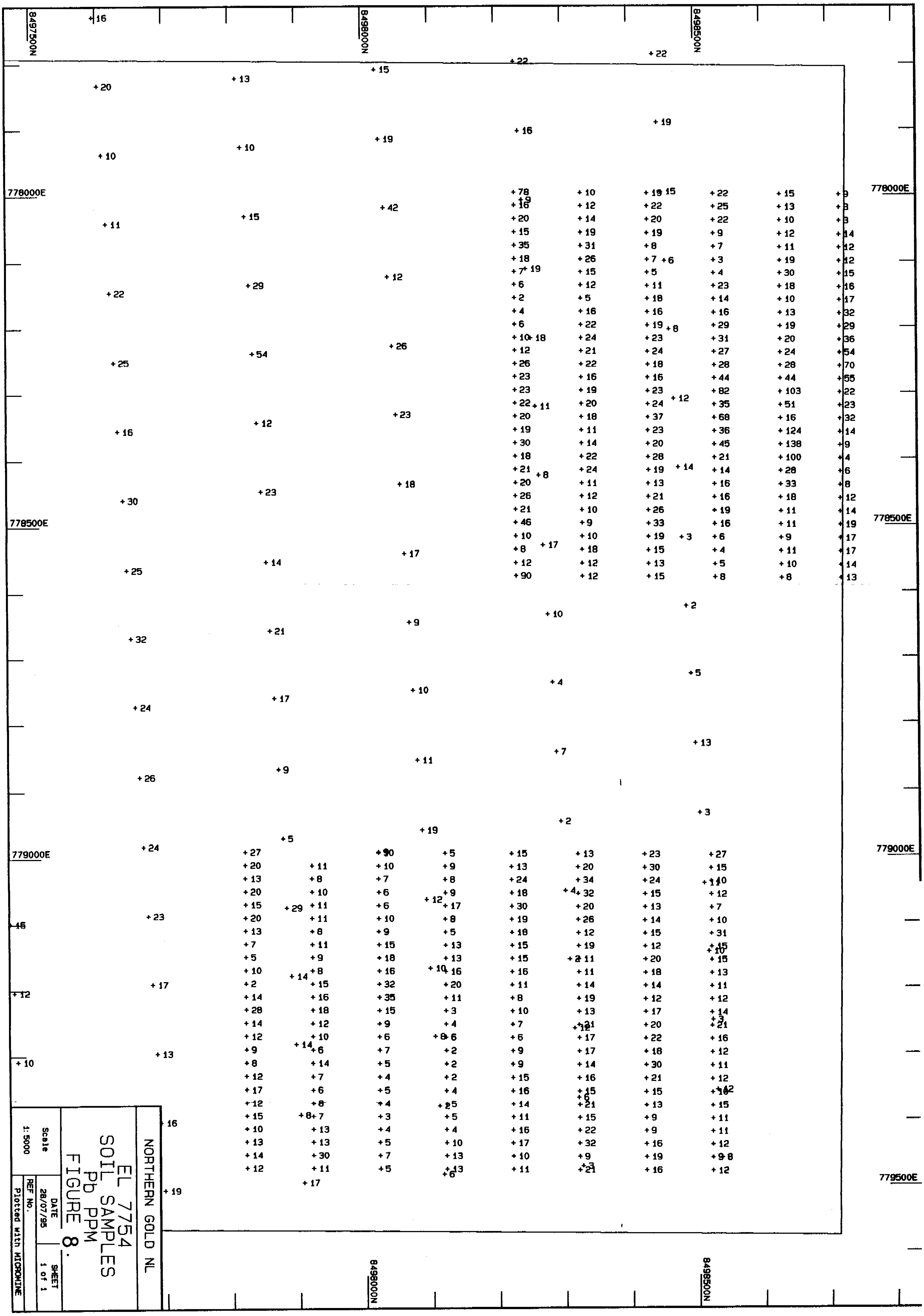
Scale 1:5000

DATE 28/07/95

REF No.

SHEET 1 of 1

Plotted with MICROMINE


NORTHERN GOLD NL
EL 7754
SOIL SAMPLES
Pb PPM
FIGURE 8.
Scale
1:5000
DATE
28/07/95
SHEET
1 of 1
REF NO.
Plotted with MICROMINE
8497500N
8498000N
8498500N
778000E
778500E
779000E
779500E

3.5 Rock Chip Testing

Twenty five regional rock chips samples were collected from the central and northern blocks of the tenement and submitted to Assaycorp for Au 50 gram fire assay quartz-flush, As, Cu, Zn, Pb and Sn analysis. Sample locations and results are shown on Figures 9 and 10, and rock chip assay results are presented in Appendix 2.

3.6 Rock Chip Results

Assay results from rock chip sampling around the Au soil anomaly identified in the 1994 regional soil sampling program indicate that gold mineralisation in this area is associated with gossanous quartz breccias, with 0.15 Au in MDR3, and 0.64 ppm Au in MDR11. However, pisolitic ironstones in sample MDR12 gave 3.75 ppm Au, and this probably represents a form of secondary Au enrichment in the weathering profile. A single quartz rock chip sampled from the northern block returned MD21 returned 1.80 g/t Au. This anomalous value coincides with the soil anomaly identified from the infill soil sampling of the western area.

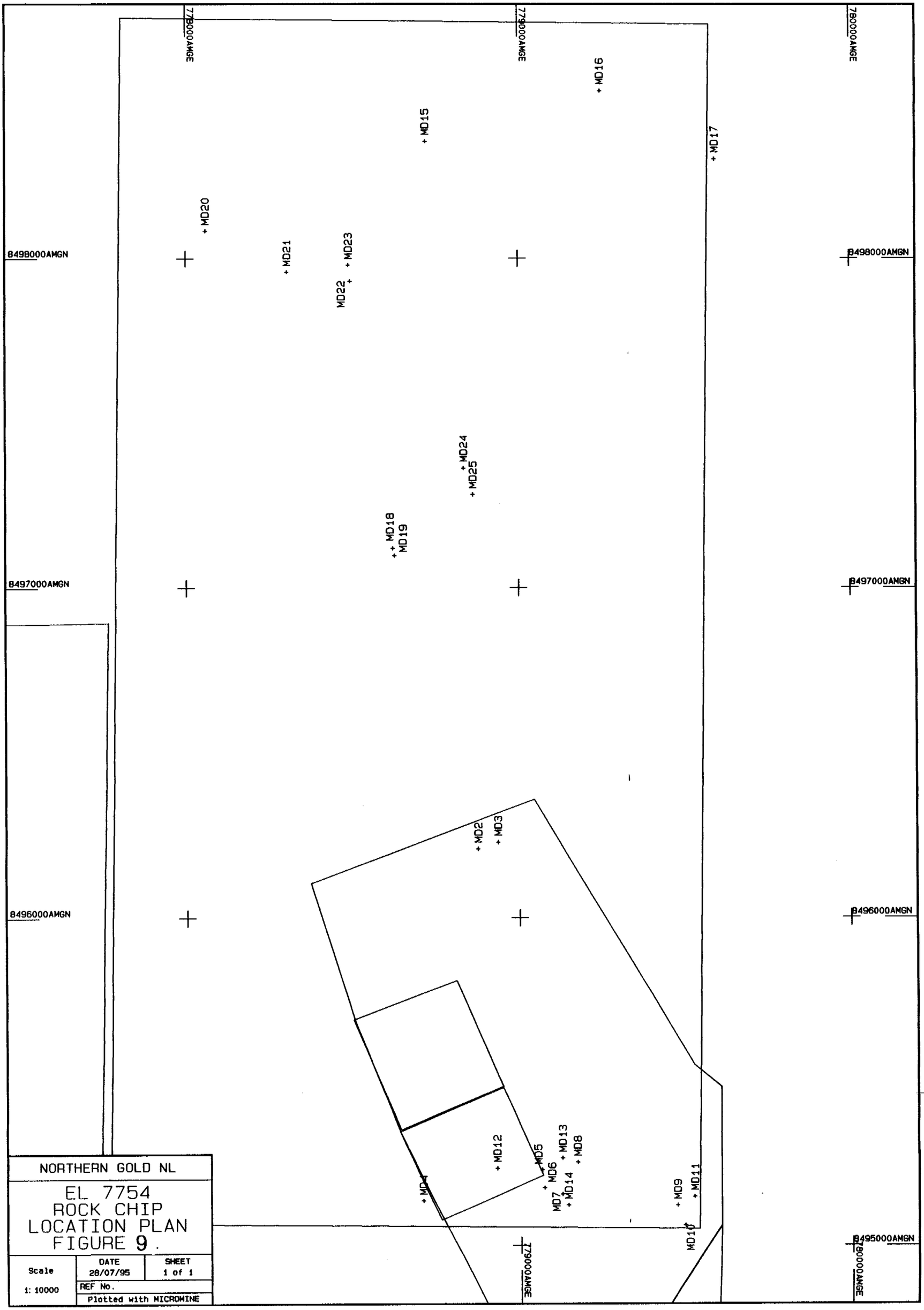
3.7 Scout RC Drilling

Following the encouraging 1994 regional soil sampling results a scout RC drill program was designed to test bedrock mineralisation beneath the most anomalous soil values in MCNs 117, 118 and 119 in the central block of EL 7754.

Thompson Drilling was contracted to conduct the drilling, and supplied a Longyear JK8-50 Track-Mounted drill rig with a mobile 400psi *1000cfm compressor, driller, two assistants and support vehicles. All RC drilling utilised a 5 1/2 inch face sampling hammer. A Northern Gold geologist was on site at all times to manage the program. Site preparation was minimal with little disturbance of surrounding trees. All samples were split through a 16:1 riffle splitter mounted on the drill rig with the small sample collected in a calico bag for analysis and the remainder collected in a plastic bag for retention on site.

3.8 RC Drilling Results

A total of 34 RC drill holes were completed for 1281 metres along six northing lines and one easting line. All samples were submitted to Assaycorp for 50 gram fire assay, quartz-flush Au analysis. Drill hole collar information is presented in Figure 11 and Table 1. Assay results and drill logs are presented in Appendices 3 and shown in Figures 12 to 20.



NORTHERN GOLD NL

EL 7754 ROCK CHIP LOCATION PLAN FIGURE 9.

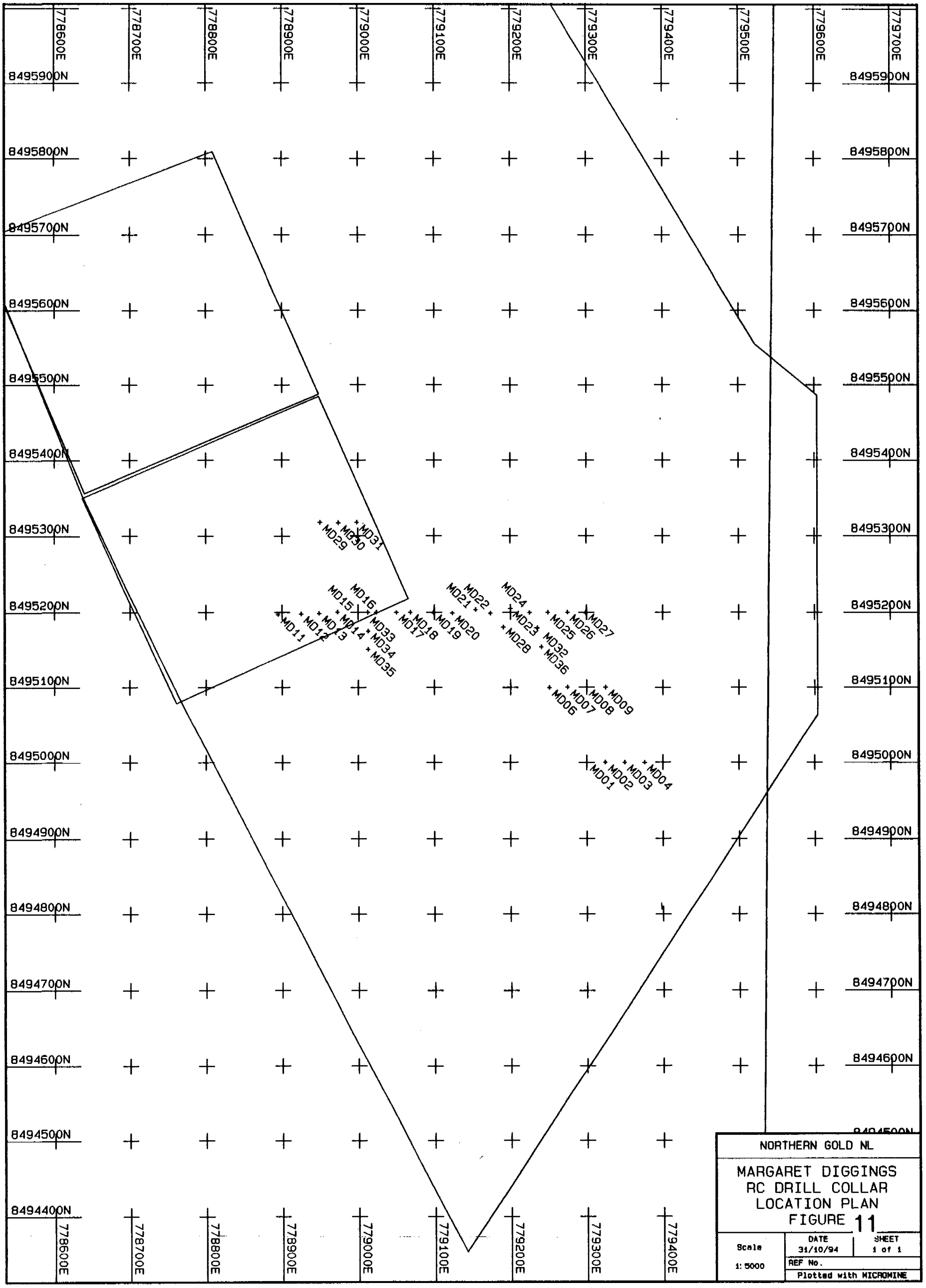
Scale	DATE	SHEET
1: 10000	28/07/95	1 of 1
	REF No.	
	Plotted with MICROMINE	

778000AMGE
779000AMGE
780000AMGE
8498000AMGN
8497000AMGN
8496000AMGN
8495000AMGN
+0.02
+0.03
+0.02
+1.80
+0.02
0.03
+0.02
0.02
+0.08
0.02
+0.03
+0.15
+3.75
0.03
0.04
+0.02
0.00
0.03
+0.64
0.00
0.09
0.07

NORTHERN GOLD NL

EL 7754
ROCK CHIP RESULTS
AU PPM
FIGURE 10

Scale	DATE	SHEET
1: 10000	28/07/95	1 of 1
	REF No.	
	Plotted with MICROMINE	


778600E
778700E
778800E
778900E
779000E
779100E
779200E
779300E
779400E
779500E
779600E
779700E
8495900N
8495800N
8495700N
8495600N
8495500N
8495400N
8495300N
8495200N
8495100N
8495000N
8494900N
8494800N
8494700N
8494600N
8494500N
8494400N
MD01
MD02
MD03
MD04
MD06
MD07
MD08
MD09
MD11
MD12
MD13
MD14
MD15
MD16
MD17
MD18
MD19
MD20
MD21
MD22
MD23
MD24
MD25
MD26
MD27
MD28
MD29
MD30
MD31
MD32
MD33
MD34
MD35
MD36
NORTHERN GOLD NL
MARGARET DIGGINGS
RC DRILL COLLAR
LOCATION PLAN
FIGURE 11
Scale
1:5000
DATE
31/10/94
SHEET
1 of 1
REF No.
Plotted with MICROMINE

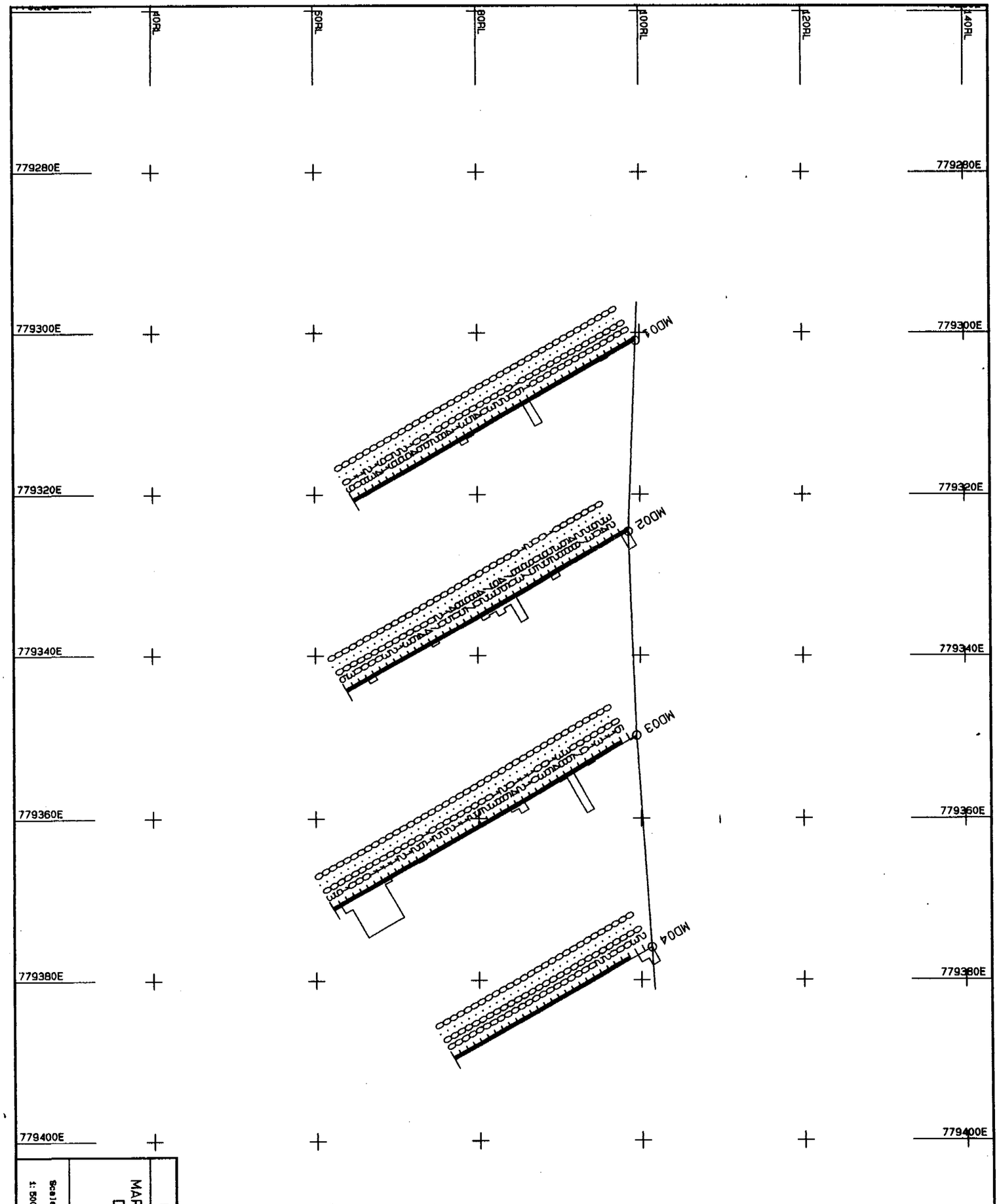

40RL
60RL
80RL
100RL
120RL
140RL
779280E
779300E
779320E
779340E
779360E
779380E
779400E
779420E
MD01
MD02
MD03
MD04
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION
8495000N
FIGURE
Scale
1: 500
DATE
30/10/94
SHEET
1 of 1
REF No.
Plotted with MICROMINE

FIGURE 12

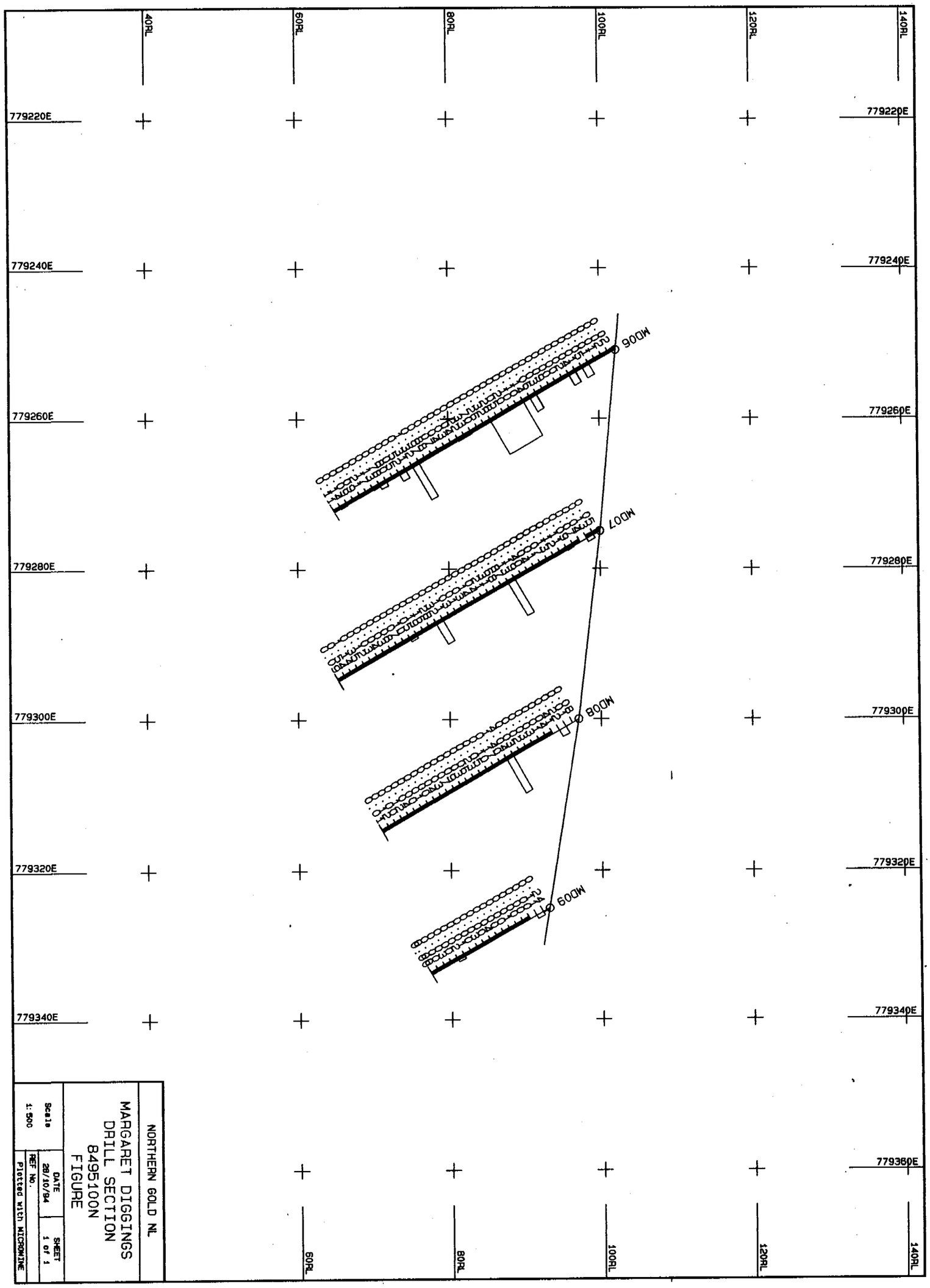
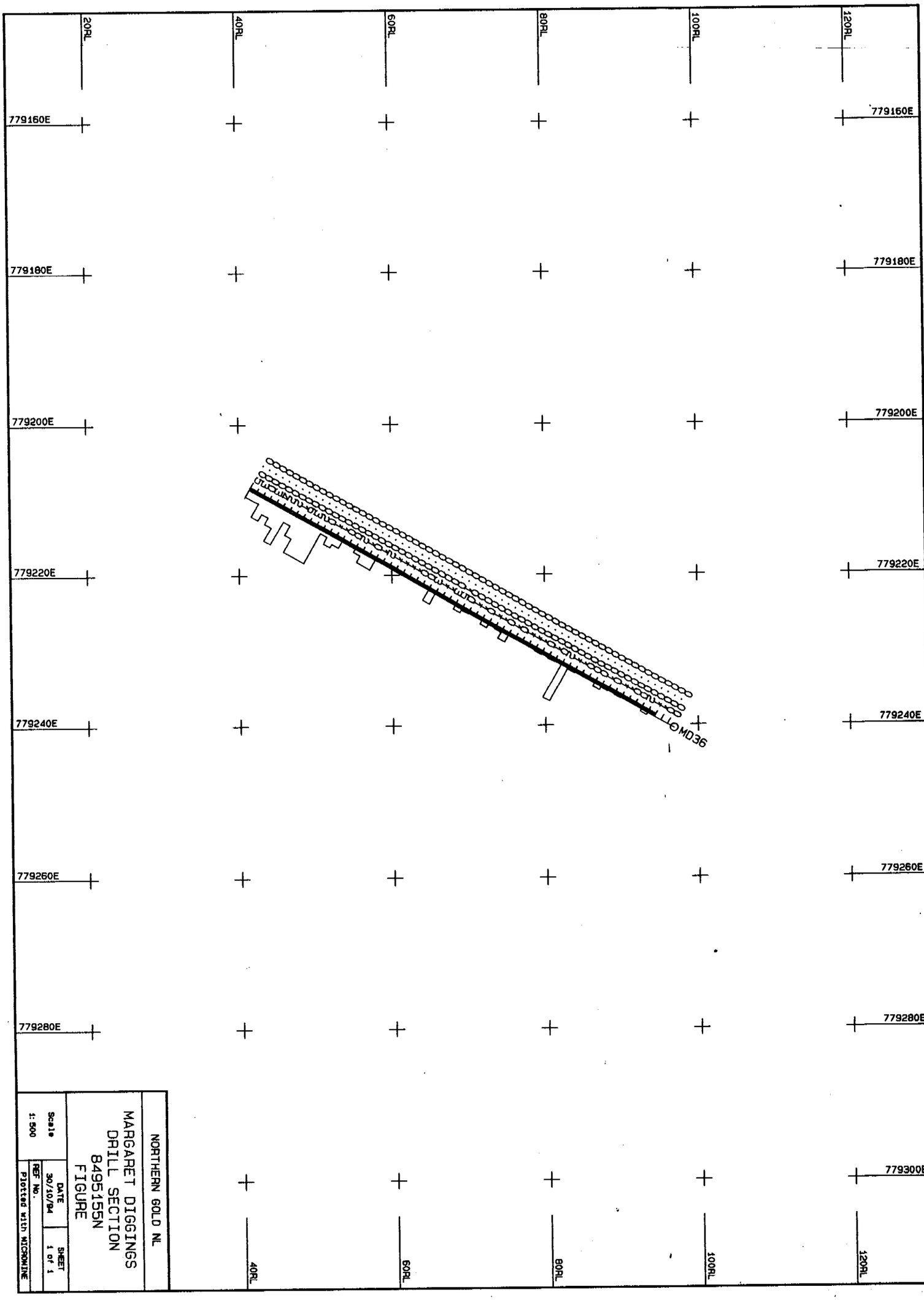

40RL
60RL
80RL
100RL
120RL
140RL
779220E
779240E
779260E
779280E
779300E
779320E
779340E
779360E
M006
M007
M008
M009
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION
8495100N
FIGURE
Scale
1:500
DATE
28/10/94
SHEET
1 of 1
REF No.
Plotted with MICROMINE

FIGURE 13

FIGURE 14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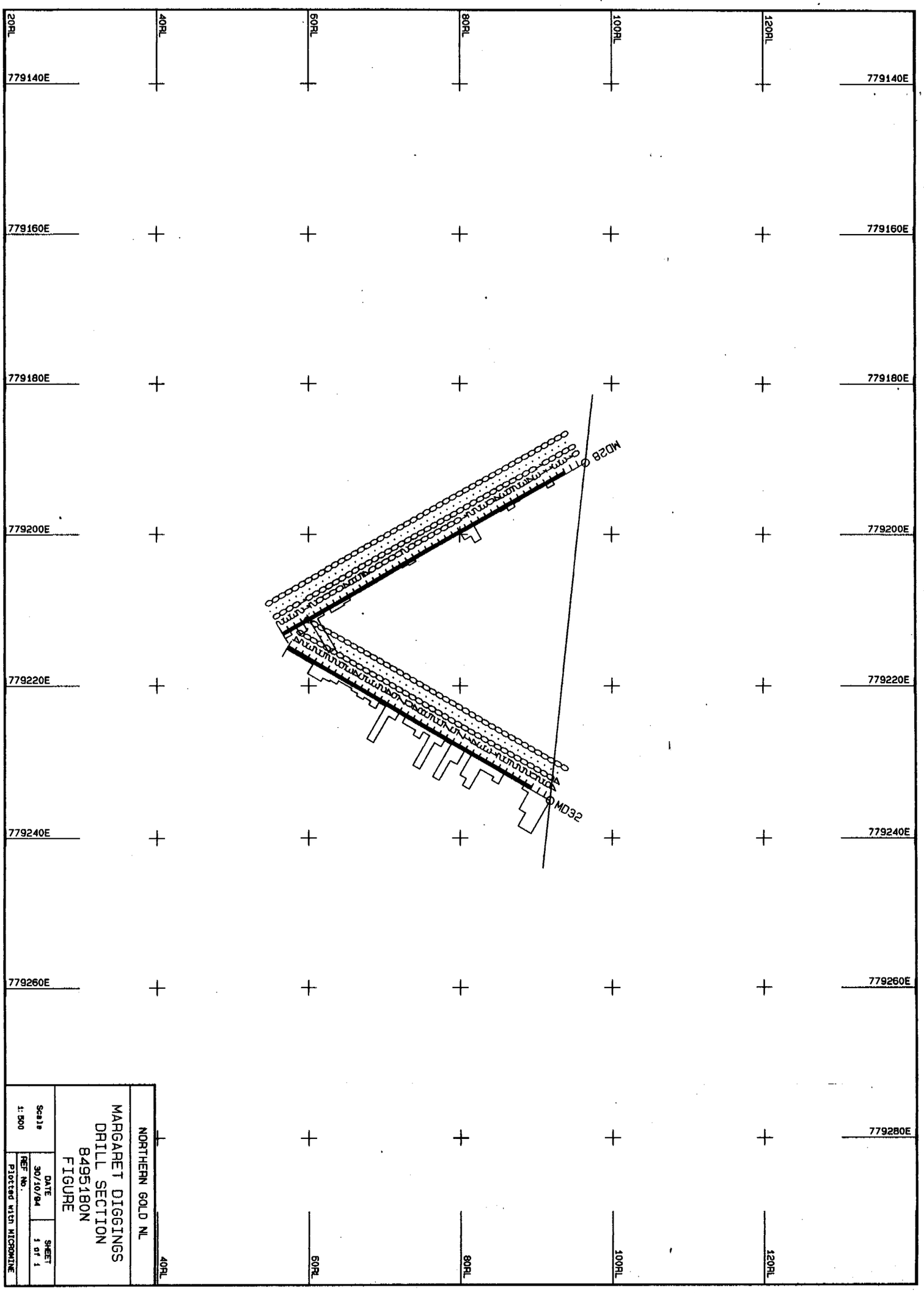
40RL
60RL
80RL
100RL
120RL
779160E
779180E
779200E
779220E
779240E
779260E
779280E
779300E
MD36
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION
8495155N
FIGURE
Scale
1:500
DATE
30/10/94
REF No.
SHEET
1 of 1
Plotted with MICROMINE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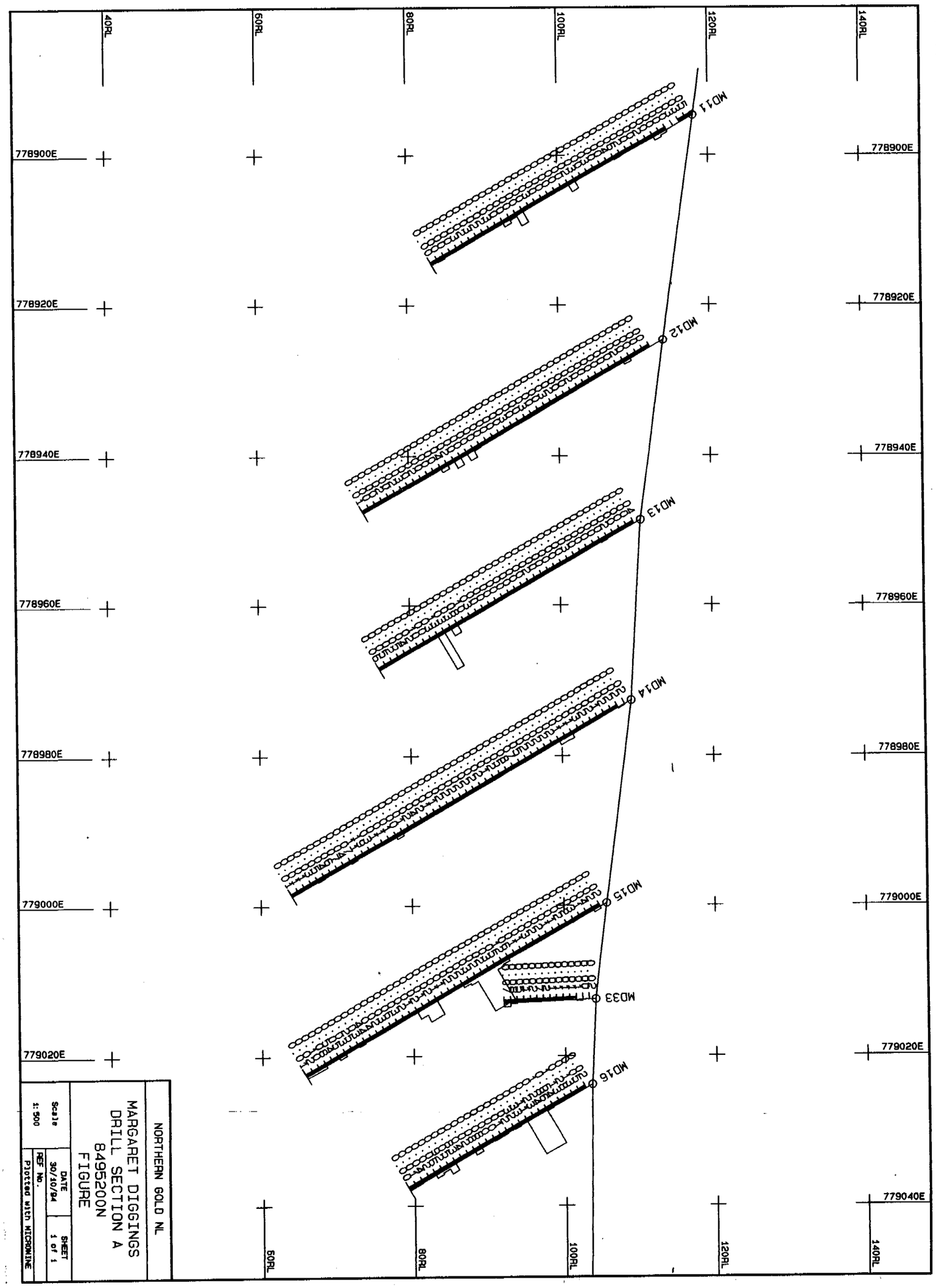
60RL
80RL
100RL
120RL
779140E
779160E
779180E
779200E
779220E
779240E
779260E
779280E
MD28
MD32
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION
8495180N
FIGURE
Scale
1:500
DATE
30/10/94
SHEET
1 of 1
REF No.
Plotted with MICROMINE

FIGURE 15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50RL
80RL
100RL
120RL
140RL
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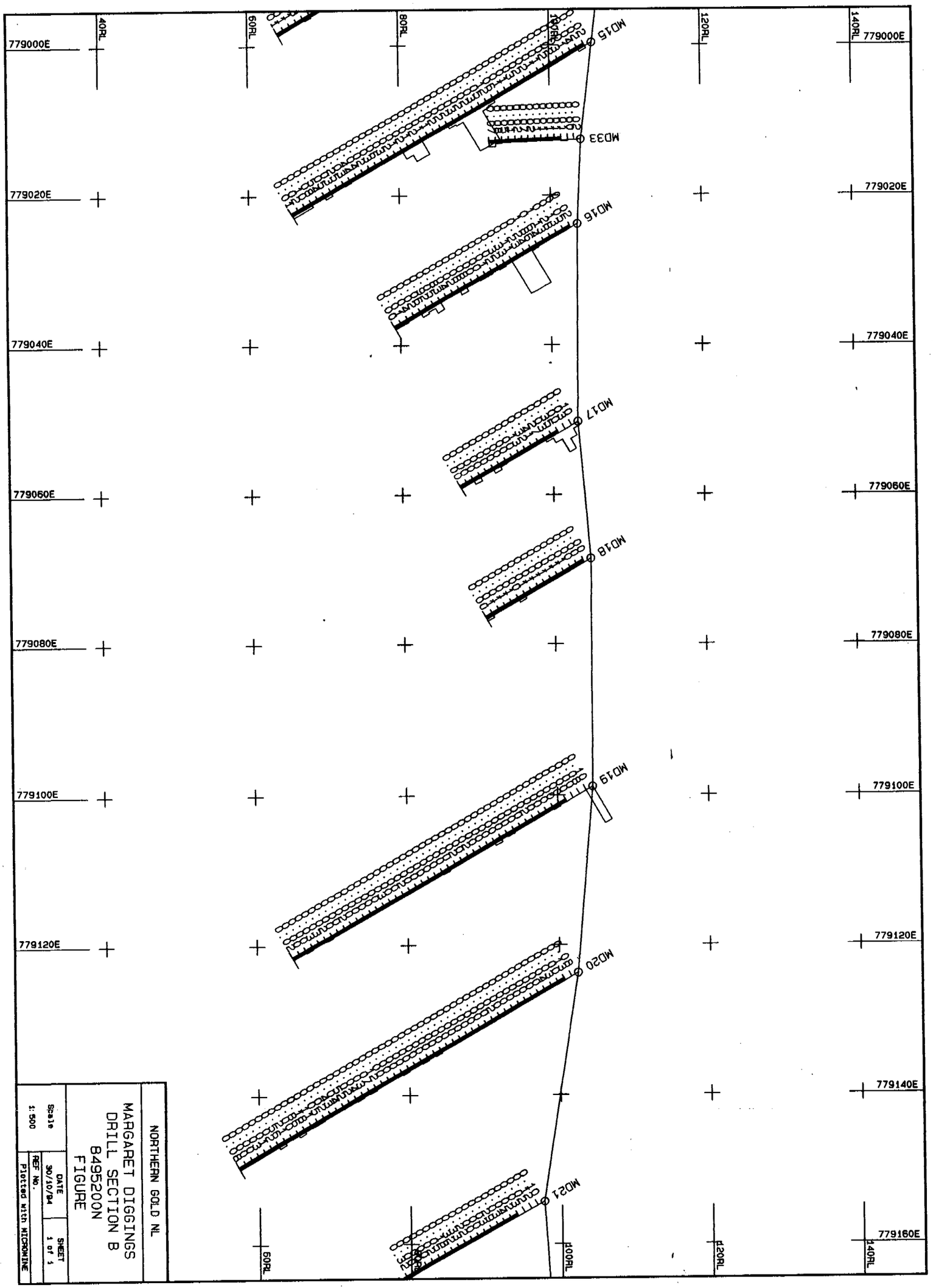
778920E
778940E
778960E
778980E
779000E
779020E
779040E
MD11
MD12
MD13
MD14
MD15
MD33
MD16
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION A
8495200N
FIGURE
Scale
1: 500
DATE
30/10/94
SHEET
1 of 1
REF No.
Plotted with MICROMINE

FIGURE 16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80RL
100RL
120RL
140RL
779000E
779020E
779040E
779060E
779080E
779100E
779120E
779140E
779160E
MD15
MD33
MD16
MD17
MD18
MD19
MD20
MD21
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION B
8495200N
FIGURE
Scale
1:500
DATE
30/10/94
SHEET
1 of 1
REF No.
Plotted with MICROMINE

FIGURE 17

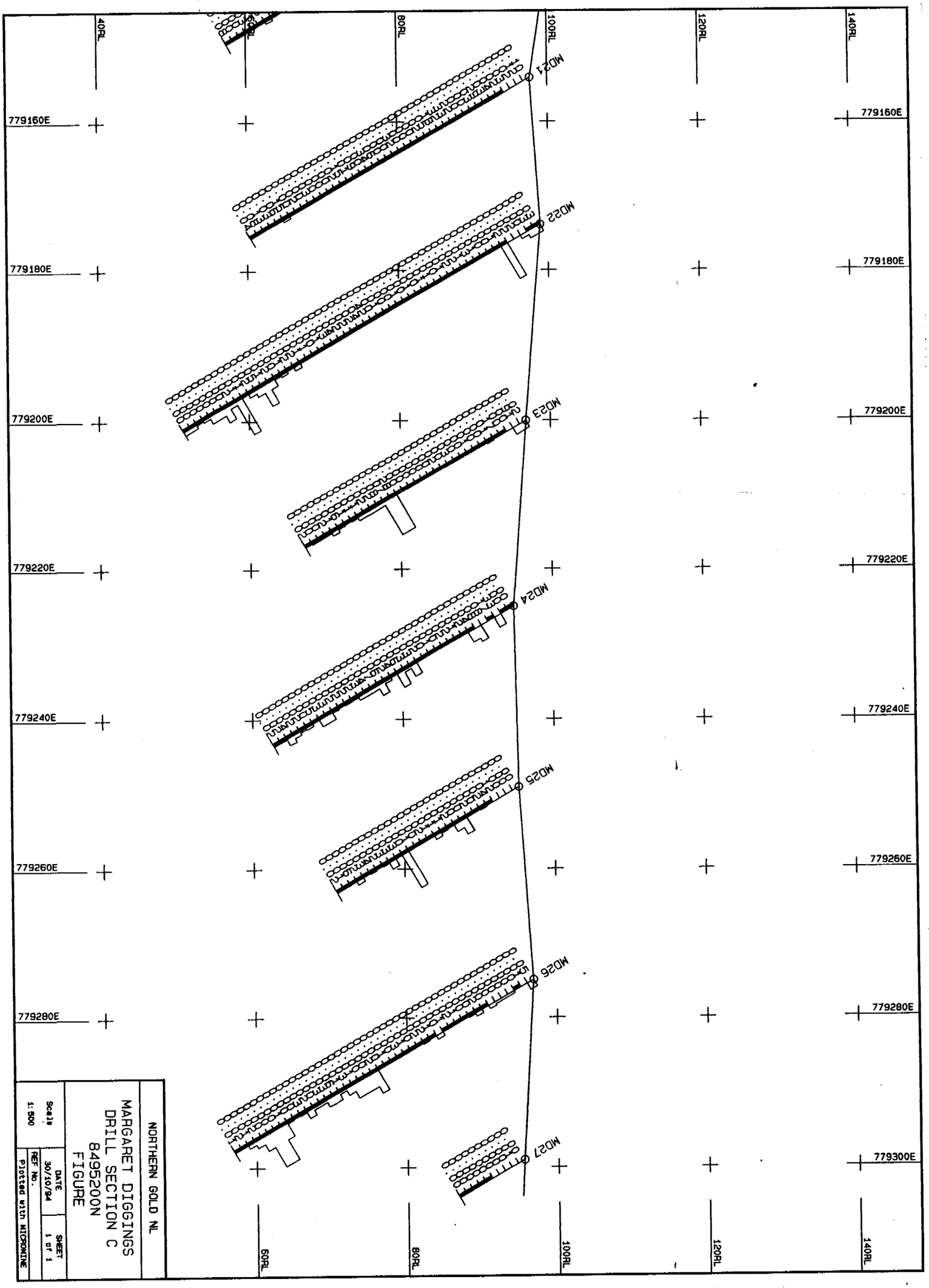
40RL
80RL
100RL
120RL
140RL
779160E
779180E
779200E
779220E
779240E
779260E
779280E
779300E
MD21
MD22
MD23
MD24
MD25
MD26
MD27
60RL
80RL
100RL
120RL
140RL
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION C
8495200N
FIGURE
Scale
1:500
DATE
30/10/94
SHEET
1 of 1
REF No.
Plotted with MICROMINE

FIGURE 18

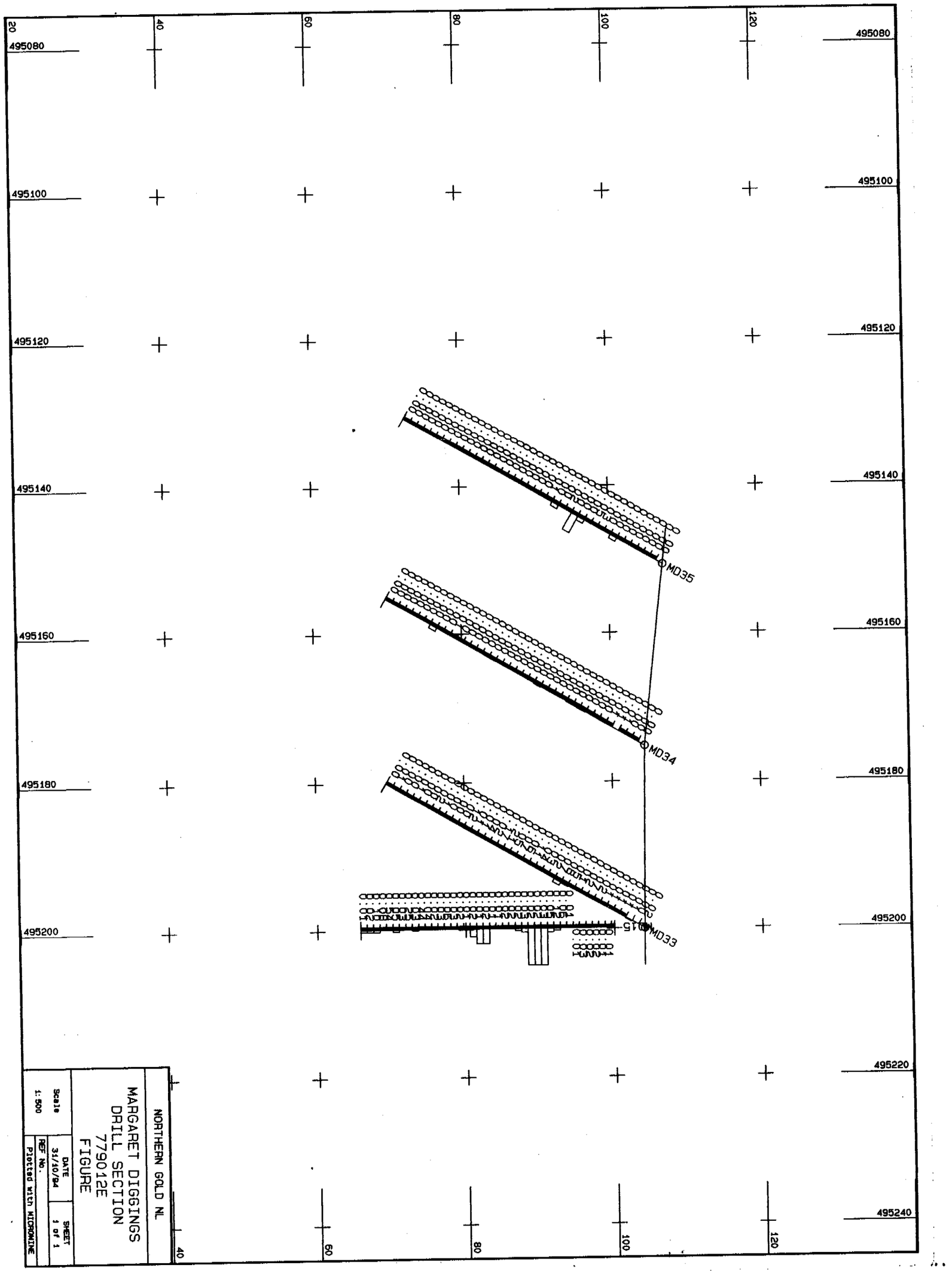
20
40
60
80
100
120
495080
495100
495120
495140
495160
495180
495200
495220
495240
MD35
MD34
MD33
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION
7790 12E
FIGURE
Scale
1: 500
DATE
31/10/94
SHEET
1 of 1
REF No.
Plotted with MICROMINE

FIGURE 19

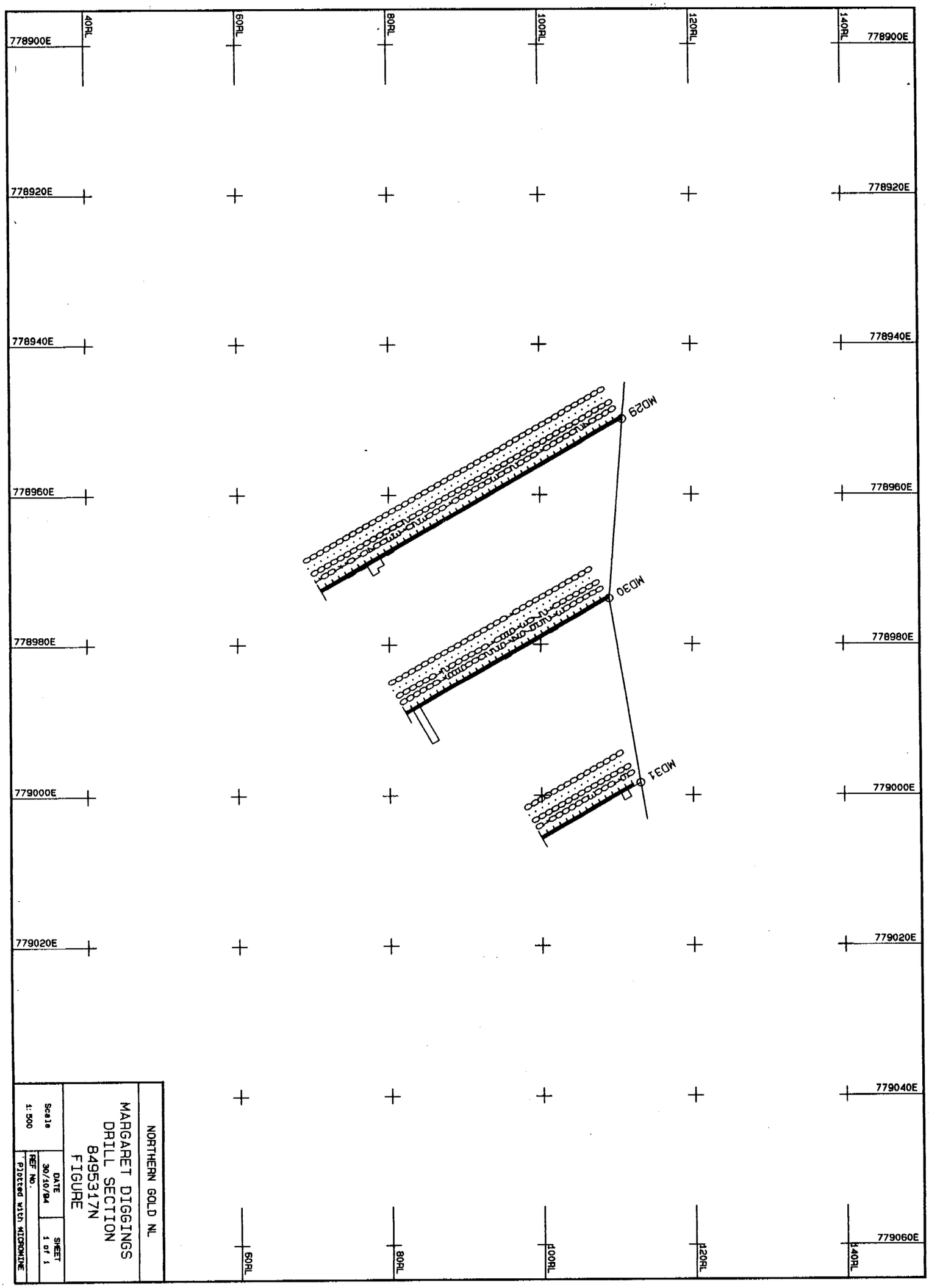
40RL
60RL
80RL
100RL
120RL
140RL
778900E
778920E
778940E
778960E
778980E
779000E
779020E
779040E
779060E
M029
M030
M031
NORTHERN GOLD NL
MARGARET DIGGINGS
DRILL SECTION
8495317N
FIGURE
Scale
1: 500
DATE
30/10/94
REF No.
SHEET
1 of 1
Plotted with MICROMINE

FIGURE 20

HOLE NO	TENEMENT	EASTING	NORTHING	RL	TYPE	AZIMUTH	DIP
MD01	EL7754	779301.00	8495000.00	99.50	RC	90	-60.0
MD02	EL7754	779324.67	8495000.20	98.57	RC	90	-60.0
MD03	EL7754	779350.00	8495000.00	99.50	RC	90	-60.0
MD04	EL7754	779376.00	8494999.90	101.26	RC	90	-60.0
MD06	EL7754	779250.91	8495099.57	102.17	RC	90	-60.0
MD07	EL7754	779275.00	8495100.00	100.00	RC	90	-60.0
MD08	EL7754	779300.00	8495100.00	97.04	RC	90	-60.0
MD09	EL7754	779325.00	8495100.00	93.00	RC	90	-60.0
MD11	EL7754	778894.57	8495197.15	118.03	RC	90	-60.0
MD12	EL7754	778924.78	8495197.78	113.84	RC	90	-60.0
MD13	EL7754	778948.68	8495198.69	110.65	RC	90	-60.0
MD14	EL7754	778972.70	8495200.34	109.18	RC	90	-60.0
MD15	EL7754	778999.69	8495199.87	105.66	RC	90	-60.0
MD16	EL7754	779023.86	8495199.89	103.55	RC	90	-60.0
MD17	EL7754	779050.12	8495199.70	103.35	RC	90	-60.0
MD18	EL7754	779068.59	8495199.82	104.81	RC	90	-60.0
MD19	EL7754	779098.88	8495199.64	104.69	RC	90	-60.0
MD20	EL7754	779123.73	8495198.87	102.50	RC	90	-60.0
MD21	EL7754	779154.16	8495203.63	97.69	RC	90	-60.0
MD22	EL7754	779173.86	8495198.54	98.89	RC	90	-60.0
MD23	EL7754	779200.04	8495205.15	96.73	RC	90	-60.0
MD24	EL7754	779225.05	8495199.51	94.83	RC	90	-60.0
MD25	EL7754	779249.13	8495199.75	95.25	RC	90	-60.0
MD26	EL7754	779274.93	8495199.85	96.92	RC	90	-60.0
MD27	EL7754	779299.04	8495200.60	95.49	RC	90	-60.0
MD28	EL7754	779190.38	8495180.26	96.55	RC	90	-60.0
MD29	EL7754	778949.98	8495317.70	110.94	RC	90	-60.0
MD30	EL7754	778973.89	8495317.30	109.12	RC	90	-60.0
MD31	EL7754	778998.32	8495317.51	113.10	RC	90	-60.0
MD32	EL7754	779235.08	8495179.11	91.81	RC	270	-60.0
MD33	EL7754	779012.50	8495200.00	104.10	RC	180	-60.0
MD34	EL7754	779012.81	8495175.12	104.41	RC	180	-60.0
MD35	EL7754	779012.76	8495150.64	107.26	RC	180	-60.0
MD36	EL7754	779240.46	8495154.21	96.82	RC	270	-60.0

TABLE 1.

HOLE NO*	GRADE Au g/t	FROM metre	TO metre	METRES	QTZ TYPE	QTZ MARGIN	SULF	ROCK TYPE	ALLUV
MD01	0.91	34	35	1	-		rare	Psl	
MD02	0.90	03	04	1	-		-	Psl	
MD02	1.38	08	09	1			rare	Psl	
MD02	1.24	10	16	6	milky	yes	-	Pphm	
MD02	0.84	17	19	2	milky		-	Psl	
MD02	0.87	20	23	3	milky	yes	rare	Psl	
MD06	0.70	21	22	1		yes	-	Psl	
MD06	1.06	28	31	3	milky	i/p	rare	Psl	
MD06	0.79	34	36	2	milky	i/p	trace	Qtz	
MD07	0.87	14	15	1		yes	rare	Pphm	
MD07	1.14	37	38	1			rare	Psl	
MD08	2.72	10	12	2	milky	i/p	trace	Qtz	
MD16	1.13	04	05	1			trace	Pphm	
MD16	1.86	06	07	1	milky	i/p	-	Pphm	
MD16	0.83	20	21	1			trace	Psl	
MD16	0.92	22	23	1	milky	yes	-	Psl	
MD20	0.86	42	43	1	milky		trace	Psl	
MD23	0.91	01	02	1	milky			Cla	yes
MD30	0.75	09	10	1	clear			Pphm	
MD30	0.98	12	15	3		yes		Pphm	

i/p = in part

Table 2

The program intersected low-grade bedrock mineralisation at Margaret Diggings. Of the 34 RC holes, nine returned intersections between 0.70 g/t Au and 2.72 g/t Au (Table 2).

The drilling identified two north-northwest striking en echelon zones of Au mineralisation, which have been offset by an east-west fault, along the western limb of the Margaret Anticline (Figure 2). The northern zone of mineralisation is open to the north, whereas the southern zone is open to the south. Prior to faulting, it is likely both zones were one continuous zone of mineralisation.

Analysis of drill sections indicates the mineralisation is located in the hinge zone of a parasitic fold to the west of the main Margaret Anticline fold closure. Hanging wall siltstone, greywacke-quartzite and micaceous phyllite of the Wildman Siltstone host the mineralisation above a sill of Zamu dolerite.

There is a good association between Au mineralisation and milky- quartz veining. These vein systems have been interpreted to cross cut bedding and dip approximately 60^0 to the west.

A line of three holes were drilled along 779012E to the south in an attempt to test for mineralisation within an east-west fault (Figure 2). Neither the fault nor the mineralisation were intercepted suggesting the fault is further south than first estimated.

Although most hanging wall metasedimentary-dolerite contact zones exhibit well developed quartz and pyrite mineralisation, with variable chlorite, feldspar, and minor epidote and arsenopyrite alteration, assay results suggest there is no associated Au mineralisation in the near surface.

In MD02 a zone of relatively high-grade, galena base-metal mineralisation was intersected at the base of a 16 metre Au mineralised zone. Three metres @ 5-to-20% Galena was logged from 26 metres. These results support and consolidate the results obtained from the soil sampling and indicate there is a close association between Au and base-metal mineralisation.

3.9 Rehabilitation

Rehabilitation following the drilling included removal and bag farming of plastic sample retention bags and capping of holes.

4 CONCLUSION

Infill soil sampling in two areas on the northern block of EL 7754 has produced broadly coincident Au, As and Cu anomalies in both areas sampled. Results from infill soil sampling the eastern area returned a relatively stronger and elliptical

soil anomaly. The western area infill soil sampled returned a weaker and elongate anomaly. Shallow scout RC drill holes are now required to identify the bedrock source of the soil gold anomaly.

Scout RC drilling in the central block over a coincident Au, As, Cu and Zn anomaly identified in the 1994 regional soil sampling program returned encouraging results. The drilling results indicate the soil Au anomaly to be coincident with a narrow zone of a low-grade, bedrock mineralisation. Furthermore, the results suggest the Au mineralisation is open to the north and south of current drill lines, and down-dip along the dolerite contact to the west. The identification of two en echelon zones of Au mineralisation, at the same stratigraphic level, supports late faulting as the mechanism for off-setting mineralisation. Additional drilling is therefore required to delineate the extent of Au mineralisation on MCNs 117, 118 and 119 in the central block of EL 7754.

5 RECOMMENDATIONS

A program of infill drilling is required to determine the extent of mineralisation at Margaret Diggings. Subsequent drill programs should be designed to define dip and strike continuity of mineralisation and to close mineralisation to the north and south.

A small program consisting of shallow scout RC holes is now required to locate the bedrock source of the eastern soil gold anomaly identified on the northern block of EL 7754.

6 REFERENCES

Hardy, A.L. 1994. EL 7754, Annual Exploration Report to July 1994. Northern Territory Department of Mines Open File Report.

Holden, D. 1989. Annual Report for Calvert Manganese Pty Ltd. EL 5006-Emerald Springs East Pine Creek Area, NT. Northern Territory Department of Mines Open File Report

7 EXPENDITURE

Expenditure on EL 7754, MCNs 117, 118 and 119 totalled $78,364. Details of this expenditure are listed below as Table 3.

RC Drilling	$39,866
Surveying	$893
Drafting and Computing	$1808
Mapping & Aerial Photography	$370
Report Preparation	$500
Field Expenses	$583
Assays Analysis	$13,343
Salaries and wages	$7638
Consumables	$510
Motor Vehicle Costs	$2632
TOTAL	**$68,143**
15%N.T & Head Office Admin.	$10,221
TOTAL	**$78,364**

Table 3

Appendix 1

Soil Sampling Locations Results.

Appendix 1 Soil Sample Locations and Results

Sample No	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	East AMG	North AMG
102273	23	94	9	56	60	778000	8498720
102274	25	90	3	54	63	778020	8498720
102275	45	109	3	55	160	778040	8498720
102276	31	80	14	66	160	778060	8498720
102277	18	69	12	65	70	778080	8498720
102278	6	51	12	45	27	778100	8498720
102279	3	46	15	52	7	778120	8498720
102280	2	47	16	56	6	778140	8498720
102281	2	46	13	56	6	Duplicate	8498720
102282	3	41	17	52	4	778160	8498720
102283	2	40	32	42	7	778180	8498720
102284	2	40	29	47	12	778200	8498720
102285	2	42	36	57	12	778220	8498720
102286	17	37	54	73	12	778240	8498720
102287	2	63	70	122	18	778260	8498720
102288	2	39	55	130	11	778280	8498720
102289	1	49	22	59	13	778300	8498720
102290	3	47	23	67	18	778320	8498720
102291	4	53	32	85	29	778340	8498720
102292	3	46	14	71	16	778360	8498720
102293	3	43	9	60	14	778380	8498720
102294	4	50	4	55	13	778400	8498720
102295	6	54	6	50	13	778420	8498720
102296	5	67	8	47	10	778440	8498720
102297	4	73	12	44	11	778460	8498720
102298	4	83	14	41	12	778480	8498720
102299	4	79	19	47	12	778500	8498720
102300	6	62	17	56	7	778520	8498720
102301	7	61	19	55	8	Duplicate	8498720
102302	5	55	17	49	10	778540	8498720
102303	5	61	14	50	10	778560	8498720
102304	1315	66	13	60	7	778580	8498720
102305	8	50	15	97	25	777999	8498630
102306	11	49	13	96	22	778019	8498630
102307	7	48	10	92	19	778039	8498630
102308	7	55	12	86	30	778059	8498630
102309	31	92	11	65	220	778079	8498630
102310	25	55	19	75	81	778099	8498630
102311	15	61	30	71	19	778119	8498630
102312	2	37	18	72	2	778139	8498630
102313	2	38	10	61	2	778159	8498630
102314	1	34	13	66	2	778179	8498630
102315	1	32	19	79	4	778199	8498630
102316	4	37	20	89	6	778219	8498630
102317	0	36	24	86	5	778239	8498630
102318	1	43	28	90	10	778259	8498630
102319	1	38	44	99	7	778279	8498630
102320	3	64	103	215	10	778299	8498630
102321	3	56	68	180	10	Duplicate	8498630
102322	2	58	51	91	6	778319	8498630
102323	0	25	16	47	5	778339	8498630
102324	1	61	124	88	17	778359	8498630
102325	3	62	138	91	26	778379	8498630
102326	2	63	100	117	32	778399	8498630

Appendix 1 Soil Sample Locations and Results

Sample No	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	East AMG	North AMG
102327	3	44	28	89	15	778419	8498630
102328	1	55	33	79	21	778439	8498630
102329	2	53	18	60	20	778459	8498630
102330	3	68	11	50	14	778479	8498630
102331	3	66	11	72	9	778499	8498630
102332	2	74	9	81	7	778519	8498630
102333	3	81	11	62	6	778539	8498630
102334	3	86	10	52	8	778559	8498630
102335	2	84	8	49	8	778579	8498630
102336	7	51	22	92	30	777998	8498530
102337	8	51	25	90	33	778018	8498530
102338	7	63	22	95	32	778038	8498530
102339	16	116	9	74	70	778058	8498530
102340	28	169	7	57	160	778078	8498530
102341	26	165	7	55	160	Duplicate	8498530
102342	36	198	3	46	180	778098	8498530
102343	71	120	4	40	97	778118	8498530
102344	10	72	23	45	32	778138	8498530
102345	2	67	14	59	10	778158	8498530
102346	1	63	16	58	10	778178	8498530
102347	1	62	29	58	21	778198	8498530
102348	6	60	31	60	20	778218	8498530
102349	0	55	27	66	10	778238	8498530
102350	2	61	28	91	14	778258	8498530
102351	4	101	44	138	16	778278	8498530
102352	2	83	82	155	24	778298	8498530
102353	0	44	35	78	14	778318	8498530
102354	0	51	68	140	10	778338	8498530
102355	0	48	36	109	10	778358	8498530
102356	2	46	45	97	9	778378	8498530
102357	1	34	21	96	9	778398	8498530
102358	2	47	14	77	13	778418	8498530
102359	5	61	16	76	15	778438	8498530
102360	3	59	16	79	27	778458	8498530
102361	3	59	19	77	30	Duplicate	8498530
102362	2	61	19	65	23	778478	8498530
102363	2	53	16	67	21	778498	8498530
102364	2	60	6	56	18	778518	8498530
102365	14	94	4	61	32	778538	8498530
102366	3	61	5	56	15	778558	8498530
102367	3	72	8	49	9	778578	8498530
102368	6	63	19	96	40	777997	8498430
102369	12	56	22	101	46	778017	8498430
102370	7	56	20	93	36	778037	8498430
102371	19	59	19	90	33	778057	8498430
102372	12	66	8	79	44	778077	8498430
102373	19	78	7	79	42	778097	8498430
102374	12	113	5	85	63	778117	8498430
102375	14	97	11	92	37	778137	8498430
102376	8	51	18	95	31	778157	8498430
102377	7	49	16	97	25	778177	8498430
102378	9	56	19	91	26	778197	8498430
102379	3	57	23	78	21	778217	8498430
102380	2	44	21	66	22	Duplicate	8498430

Appendix 1 Soil Sample Locations and Results

Sample No	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	East AMG	North AMG
102381	630	46	24	67	21	778237	8498430
102382	6	44	18	56	18	778257	8498430
102383	68	52	16	57	16	778277	8498430
102384	1	55	23	77	11	778297	8498430
102385	2	52	24	55	8	778317	8498430
102386	2	75	37	82	19	778337	8498430
102387	1	42	23	74	17	778357	8498430
102388	1	34	20	68	6	778377	8498430
102389	1	49	28	104	10	778397	8498430
102390	3	42	19	66	14	778417	8498430
102391	1	29	13	63	10	778437	8498430
102392	1	35	21	72	13	778457	8498430
102393	1	49	26	85	18	778477	8498430
102394	7	62	33	104	27	778497	8498430
102395	8	50	19	84	22	778517	8498430
102396	3	61	15	69	21	778537	8498430
102397	3	54	13	65	20	778557	8498430
102398	2	47	15	67	19	778577	8498430
102399	3	56	10	82	35	777996	8498330
102400	6	57	12	87	39	778016	8498330
102401	49	57	12	91	42	Duplicate	8498330
102402	10	50	14	98	31	778036	8498330
102403	30	54	19	83	33	778056	8498330
102404	48	65	31	62	63	778076	8498330
102405	11	81	26	58	82	778096	8498330
102406	13	122	15	78	97	778116	8498330
102407	6	86	12	66	35	778136	8498330
102408	8	82	5	64	49	778156	8498330
102409	7	60	16	104	23	778176	8498330
102410	8	61	22	88	27	778196	8498330
102411	6	55	24	91	25	778216	8498330
102412	8	62	21	94	27	778236	8498330
102413	8	57	22	93	26	778256	8498330
102414	12	54	16	93	23	778276	8498330
102415	6	56	19	92	24	778296	8498330
102416	5	61	20	73	19	778316	8498330
102417	2	53	18	72	9	778336	8498330
102418	2	44	11	78	4	778356	8498330
102419	1	36	14	51	7	778376	8498330
102420	2	67	22	85	23	778396	8498330
102421	2	66	24	87	23	Duplicate	8498330
102422	4	82	24	90	41	778416	8498330
102423	1	29	11	42	7	778436	8498330
102424	2	27	12	45	6	778456	8498330
102425	2	26	10	36	5	778476	8498330
102426	2	28	9	64	5	778496	8498330
102427	3	35	10	64	9	778516	8498330
102428	1	49	18	72	22	778536	8498330
102429	3	51	12	76	25	778556	8498330
102430	6	105	12	159	70	778576	8498330
102431	9	57	78	127	86	777995	8498230
102432	6	77	16	81	160	778015	8498230
102433	13	83	20	71	140	778035	8498230
102434	13	73	15	69	83	778055	8498230

Appendix 1 Soil Sample Locations and Results

Sample No	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	East AMG	North AMG
102435	4	61	35	79	84	778075	8498230
102436	6	57	18	59	50	778095	8498230
102437	10	52	7	48	23	778115	8498230
102438	5	59	6	70	20	778135	8498230
102439	4	64	2	89	18	778155	8498230
102440	11	85	4	91	20	778175	8498230
102441	12	82	4	91	21	Duplicate	8498230
102442	13	89	6	88	33	778195	8498230
102443	14	109	10	86	52	778215	8498230
102444	8	111	12	69	38	778235	8498230
102445	6	82	26	76	42	778255	8498230
102446	19	57	23	85	21	778275	8498230
102447	8	60	23	83	23	778295	8498230
102448	7	56	22	91	22	778315	8498230
102449	9	52	20	91	20	778335	8498230
102450	5	53	19	88	22	778355	8498230
102451	7	52	30	100	16	778375	8498230
102452	3	56	18	71	12	778395	8498230
102453	0	73	21	61	16	778415	8498230
102454	1	67	20	58	13	778435	8498230
102455	2	93	26	66	12	778455	8498230
102456	2	71	21	63	11	778475	8498230
102457	23	73	46	54	31	778495	8498230
102458	1	27	10	33	18	778515	8498230
102459	1	28	8	28	29	778535	8498230
102460	3	52	12	39	31	778555	8498230
102461	1	50	12	40	28	Duplicate	8498230
102462	2	49	90	63	16	778575	8498230
102463	0	60	27	64	8	778998	8498520
102464	1	73	15	60	6	779018	8498520
102465	1	70	10	56	4	779038	8498520
102466	7	64	12	65	25	779058	8498520
102467	2	60	7	43	53	779078	8498520
102468	1	51	10	49	90	779098	8498520
102469	4	79	31	67	170	779118	8498520
102470	17	60	15	43	18	779138	8498520
102471	6	62	15	49	21	779158	8498520
102472	6	59	13	72	20	779178	8498520
102473	2	48	11	83	7	779198	8498520
102474	2	43	12	71	12	779218	8498520
102475	2	44	14	79	11	779238	8498520
102476	3	46	21	90	15	779258	8498520
102477	5	44	16	82	18	779278	8498520
102478	3	49	12	71	19	779298	8498520
102479	1	46	11	78	19	779318	8498520
102480	4	43	12	71	16	779338	8498520
102481	2	44	12	71	17	Duplicate	8498520
102482	2	54	10	78	14	779358	8498520
102483	1	45	15	82	21	779378	8498520
102484	2	52	11	76	12	779398	8498520
102485	3	57	11	75	12	779418	8498520
102486	6	53	12	63	15	779438	8498520
102487	4	53	9	75	12	779458	8498520
102488	1	45	12	83	12	779478	8498520

Appendix 1 Soil Sample Locations and Results

Sample No	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	East AMG	North AMG
102489	0	81	23	65	20	778997	8498420
102490	2	61	30	62	19	779017	8498420
102491	2	65	24	71	26	779037	8498420
102492	5	62	15	58	31	779057	8498420
102493	8	59	13	43	59	779077	8498420
102494	11	52	14	34	170	779097	8498420
102495	7	59	15	35	95	779117	8498420
102496	9	55	12	39	40	779137	8498420
102497	8	78	20	56	105	779157	8498420
102498	12	106	18	62	170	779177	8498420
102499	9	66	14	67	43	779197	8498420
102500	7	53	12	78	16	779217	8498420
102501	5	53	12	79	17	Duplicate	8498420
102502	5	59	17	59	18	779237	8498420
102503	6	72	20	65	18	779257	8498420
102504	8	80	22	66	14	779277	8498420
102505	10	100	18	72	17	779297	8498420
102506	8	69	30	66	17	779317	8498420
102507	7	83	21	85	9	779337	8498420
102508	6	61	15	83	11	779357	8498420
102509	7	60	13	54	13	779377	8498420
102510	8	70	9	53	17	779397	8498420
102511	5	59	9	70	8	779417	8498420
102512	6	47	16	56	11	779437	8498420
102513	5	44	19	61	9	779457	8498420
102514	17	34	16	61	9	779477	8498420
102515	7	66	13	82	22	778996	8498320
102516	4	67	20	89	23	779016	8498320
102517	4	100	34	53	21	779036	8498320
102518	2	82	32	68	15	779056	8498320
102519	2	72	20	58	14	779076	8498320
102520	5	83	26	69	14	779096	8498320
102521	4	83	24	67	15	Duplicate	8498320
102522	5	61	12	59	9	779116	8498320
102523	16	73	19	57	50	779136	8498320
102524	13	65	11	38	65	779156	8498320
102525	9	60	11	35	48	779176	8498320
102526	15	68	14	42	75	779196	8498320
102527	16	88	19	49	77	779216	8498320
102528	14	71	13	44	42	779236	8498320
102529	10	83	21	52	44	779256	8498320
102530	11	83	17	60	37	779276	8498320
102531	7	66	17	78	29	779296	8498320
102532	7	58	14	66	25	779316	8498320
102533	8	77	16	63	48	779336	8498320
102534	4	43	15	46	40	779356	8498320
102535	5	61	21	67	71	779376	8498320
102536	5	43	15	50	43	779396	8498320
102537	12	70	22	48	33	779416	8498320
102538	18	75	32	79	31	779436	8498320
102539	4	65	9	49	16	779456	8498320
102540	7	56	21	52	10	779476	8498320
102541	5	57	29	58	13	Duplicate	8498320
102542	4	42	15	56	17	778995	8498220

Appendix 1 Soil Sample Locations and Results

Sample No	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	East AMG	North AMG
102543	3	51	13	54	16	779015	8498220
102544	3	65	24	70	15	779035	8498220
102545	3	57	18	50	19	779055	8498220
102546	4	96	30	65	18	779075	8498220
102547	2	71	19	42	17	779095	8498220
102548	2	77	18	46	21	779115	8498220
102549	3	79	15	51	14	779135	8498220
102550	10	67	15	54	15	779155	8498220
102551	27	117	16	89	55	779175	8498220
102552	73	138	11	71	69	779195	8498220
102553	73	147	8	56	76	779215	8498220
102554	69	176	10	48	85	779235	8498220
102555	81	223	7	47	100	779255	8498220
102556	47	217	6	45	92	779275	8498220
102557	25	169	9	48	62	779295	8498220
102558	25	139	9	53	66	779315	8498220
102559	30	100	15	58	58	779335	8498220
102560	17	86	16	67	48	779355	8498220
102561	17	86	14	65	47	Duplicate	8498220
102562	15	83	14	79	48	779375	8498220
102563	7	53	11	84	23	779395	8498220
102564	8	77	16	83	17	779415	8498220
102565	12	63	17	81	18	779435	8498220
102566	19	69	10	75	17	779455	8498220
102567	3	49	11	77	8	779475	8498220
102568	3	66	5	47	13	778994	8498120
102569	3	41	9	46	15	779014	8498120
102570	5	151	8	38	32	779034	8498120
102571	5	149	9	53	48	779054	8498120
102572	4	59	17	63	8	779074	8498120
102573	1	29	8	54	4	779094	8498120
102574	2	58	5	35	12	779114	8498120
102575	4	98	13	61	14	779134	8498120
102576	6	115	13	47	17	779154	8498120
102577	7	81	16	65	19	779174	8498120
102578	60	96	20	77	75	779194	8498120
102579	60	135	11	69	88	779214	8498120
102580	49	230	3	64	59	779234	8498120
102581	54	227	3	59	52	Duplicate	8498120
102582	148	221	4	60	61	779254	8498120
102583	183	173	6	52	72	779274	8498120
102584	125	98	2	44	91	779294	8498120
102585	84	150	2	47	99	779314	8498120
102586	45	90	2	56	79	779334	8498120
102587	40	87	4	58	120	779354	8498120
102588	31	87	5	57	130	779374	8498120
102589	21	97	5	63	94	779394	8498120
102590	51	97	4	63	91	779414	8498120
102591	23	88	10	73	80	779434	8498120
102592	27	75	13	80	43	779454	8498120
102593	7	58	13	88	19	779474	8498120
102594	4	47	10	49	17	778993	8498020
102595	3	46	10	52	16	779013	8498020
102596	4	35	7	57	16	779033	8498020

Appendix 1 Soil Sample Locations and Results

Sample No	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	East AMG	North AMG
102597	2	27	6	51	16	779053	8498020
102598	14	135	6	43	34	779073	8498020
102599	4	76	10	39	15	779093	8498020
102600	4	54	9	39	13	779113	8498020
102601	4	63	12	43	14	Duplicate	8498020
102602	1	88	15	41	17	779133	8498020
102603	2	63	18	43	17	779153	8498020
102604	7	66	16	53	15	779173	8498020
102605	5	105	32	82	39	779193	8498020
102606	22	114	35	93	45	779213	8498020
102607	79	99	15	55	53	779233	8498020
102608	168	151	9	49	52	779253	8498020
102609	135	169	6	48	65	779273	8498020
102610	295	184	7	43	60	779293	8498020
102611	97	106	5	39	76	779313	8498020
102612	85	72	4	47	82	779333	8498020
102613	55	85	5	38	103	779353	8498020
102614	9	100	4	37	78	779373	8498020
102615	7	99	3	38	150	779393	8498020
102616	17	94	4	44	240	779413	8498020
102617	47	71	5	56	85	779433	8498020
102618	145	59	7	49	58	779453	8498020
102619	87	64	5	50	53	779473	8498020
102620	4	63	9	39	14	778992	8498020
102621	3	62	9	40	12	Duplicate	8497920
102622	3	41	11	46	13	779012	8497920
102623	4	39	8	41	14	779032	8497920
102624	4	40	10	43	11	779052	8497920
102625	3	43	11	42	19	779072	8497920
102626	2	54	11	43	20	779092	8497920
102627	3	70	8	32	18	779112	8497920
102628	4	80	11	36	22	779132	8497920
102629	3	60	9	37	9	779152	8497920
102630	3	53	8	35	14	779172	8497920
102631	17	86	15	66	56	779192	8497920
102632	27	88	16	65	57	779212	8497920
102633	40	117	18	68	88	779232	8497920
102634	33	107	12	76	89	779252	8497920
102635	21	101	10	71	87	779272	8497920
102636	29	137	6	62	100	779292	8497920
102637	31	145	14	57	93	779312	8497920
102638	30	96	7	54	108	779332	8497920
102639	32	78	6	54	92	779352	8497920
102640	18	72	5	61	86	Duplicate	8497920
102641	15	71	8	59	90	779372	8497920
102642	15	71	7	66	96	779392	8497920
102643	22	118	13	82	105	779412	8497920
102644	19	80	13	53	54	779432	8497920
102645	9	131	30	99	31	779452	8497920
102646	41	66	11	88	65	779472	8497920
102647	4	70	27	57	12	778991	8497820
102648	7	66	20	55	13	779011	8497820
102649	4	46	13	46	16	779031	8497820
102650	5	46	20	47	18	779051	8497820

Appendix 1 Soil Sample Locations and Results

Sample No	Au ppb	Cu ppm	Pb ppm	Zn ppm	As ppm	East AMG	North AMG
102651	3	52	15	46	21	779071	8497820
102652	3	53	20	43	24	779091	8497820
102653	4	49	13	37	21	779111	8497820
102654	5	97	7	35	35	779131	8497820
102655	5	77	5	25	23	779151	8497820
102656	4	68	10	35	26	779171	8497820
102657	4	21	2	28	3	779191	8497820
102658	7	69	14	58	31	779211	8497820
102659	10	103	28	87	92	779231	8497820
102660	7	59	14	55	42	779251	8497820
102661	5	60	12	54	41	Duplicate	8497820
102662	6	53	12	50	71	779271	8497820
102663	6	54	9	55	67	779291	8497820
102664	8	72	8	63	73	779311	8497820
102665	7	58	12	54	55	779331	8497820
102666	10	63	17	61	80	779351	8497820
102667	16	78	12	66	93	779371	8497820
102668	19	69	15	72	92	779391	8497820
102669	11	60	10	70	41	779411	8497820
102670	30	97	13	86	66	779431	8497820
102671	30	111	14	82	52	779451	8497820
102672	28	95	12	94	70	779471	8497820

Appendix 2

Rock chip results

SAMPLE	Au ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sn ppm	AMG Eeast	AMG North
MD1	0.02	31	L	22	5	L	779275	8494490
MD2	0.03	31	L	35	110	L	778875	8496210
MD3	0.15	110	L	42	530	L	778935	8496260
MD4	L	45	9	36	76	L	778206	8496140
MD5	0.03	107	L	33	750	L	779063	8495235
MD6	L	27	L	4	23	L	779070	8495180
MD7	0.02	43	L	6	15	L	779125	8495160
MD8	L	256	8	200	690	L	779170	8495257
MD9	0.03	125	43	12	52	L	779470	8495125
MD10	0.07	177	37	14	100	L	779494	8495062
MD11	0.64	315	366	460	78	L	779522	8495152
MD12	3.75	340	14	42	102	L	779928	8495240
MD13	0.04	49	18	115	91	L	778170	8495256
MD14	0.09	63	82	86	66	L	779142	8495126
MD15	0.03	46	2	18	32	N/A	778722	8498354
MD16	0.02	16	19	16	12	N/A	779248	8498508
MD17	0.02	40	94	77	110	N/A	779593	8498300
MD18	0.02	79	49	259	230	N/A	778622	8497121
MD19	0.08	111	1010	611	1400	N/A	778627	8497100
MD20	0.02	173	34	126	1020	N/A	778060	8498086
MD21	1.80	418	43	330	820	N/A	778305	8497958
MD22	0.03	51	51	251	100	N/A	778495	8497930
MD23	0.02	78	82	82	630	N/A	778490	8497980
MD24	0.02	243	21	1360	540	N/A	778835	8497360
MD25	0.02	55	18	49	32	N/A	778863	8497281

*N/A=No Analysis for Sn

Appendix 3

Scout RC chip assay results and drill logs

HOLE#	FROM	TO	SAMPLE	AUAV	AU1	AU2	AUSPLIT	ID1	QTZ	SUL
MD01	0	1	MD0101	0	L			PSL		
MD01	1	2	MD0102	0	L			PSL		
MD01	2	3	MD0103	0	L			PPHM		
MD01	3	4	MD0104	0	L			PPHM		
MD01	4	5	MD0105	0	L			PPHM	1	
MD01	5	6	MD0106	0	L			PPHM		
MD01	6	7	MD0107	0	L			PPHM		
MD01	7	8	MD0108	0	L			PPHM		
MD01	8	9	MD0109	0	L	L		PPHM		
MD01	9	10	MD0110	0	L			PPHM		
MD01	10	11	MD0111	0	L			PPHM		
MD01	11	12	MD0112	0	L			PPHM		
MD01	12	13	MD0113	0	L			PPHM		
MD01	13	14	MD0114	0	L			PPHM		
MD01	14	15	MD0115	0.01	0.01			PPHM		
MD01	15	16	MD0116	0.16	0.13	0.18		PPHM	30	
MD01	16	17	MD0117	0	L			PPHM		
MD01	17	18	MD0118	0.02	0.02	0.02		PPHM		
MD01	18	19	MD0119	0.02	0.02			PPHM		
MD01	19	20	MD0120	0.03	0.02	0.03		PPHM		
MD01	20	21	MD0121	0	L			PPHM		
MD01	21	22	MD0122	0.04	0.04			PGT		
MD01	22	23	MD0123	0.05	0.05			PPHM		
MD01	23	24	MD0124	0.03	0.03			PSL	1	
MD01	24	25	MD0125	0.01	0.01	0.01		PSL	5	
MD01	25	26	MD0126	0.04	0.04			PSL		
MD01	26	27	MD0127	0.08	0.08			PSL		
MD01	27	28	MD0128	0.12	0.12			PSL		
MD01	28	29	MD0129	0.06	0.06			PSL		5
MD01	29	30	MD0130	0.06	0.06			PSL		
MD01	30	31	MD0131	0.14	0.13	0.14		PDZ		
MD01	31	32	MD0132	0.29	0.31	0.27		PSL		
MD01	32	33	MD0133	0.29	0.29			PSL		1
MD01	33	34	MD0134	0.09	0.09			PSL		1
MD01	34	35	MD0135	0.91	0.88	0.93		PSL		

MD01	35	36	MD0136	0.14	0.14			PSL		
MD01	36	37	MD0137	0.23	0.23			PSL		1
MD01	37	38	MD0138	0.18	0.18	0.18		PSL		1
MD01	38	39	MD0139	0.1	0.1			PSL		1
MD01	39	40	MD0140	0.09	0.1	0.08		PSL		1
MD02	0	1	MD0201					PSL	20	
MD02	1	2	MD0202	0.32	0.32			PSL		
MD02	2	3	MD0203	0.24	0.24			PDZ		
MD02	3	4	MD0204	0.9	0.98	0.81		PSL		
MD02	4	5	MD0205	0.23	0.24	0.22		PPHM		
MD02	5	6	MD0206	0.27	0.27			PSL		
MD02	6	7	MD0207	0.48	0.48			PSL		
MD02	7	8	MD0208	0.68	0.68	0.67		PSL		
MD02	8	9	MD0209	1.38	1.36	1.39		PSL		
MD02	9	10	MD0210	0.52	0.53	0.51		PGT		
MD02	10	11	MD0211	0.95	0.96	0.93		PPHM	5	
MD02	11	12	MD0212	2.02	2.11	1.92		PPHM		
MD02	12	13	MD0213	1.95	2.06	1.83		PSL		
MD02	13	14	MD0214	0.97	0.97	0.96		PSL		
MD02	14	15	MD0215	0.83	0.9	0.76		PSL		
MD02	15	16	MD0216	0.7	0.72	0.68		PSL		
MD02	16	17	MD0217	0.46	0.47	0.45		PSL	30	
MD02	17	18	MD0218	0.95	0.97	0.93		PSL	5	
MD02	18	19	MD0219	0.73	0.71	0.75		PSL	10	
MD02	19	20	MD0220	0.42	0.42			PSL	3	
MD02	20	21	MD0221	0.8	0.79	0.81		PSL	5	
MD02	21	22	MD0222	0.97	0.98	0.95		PSL		
MD02	22	23	MD0223	0.85	0.83	0.87		PSL		
MD02	23	24	MD0224	0.4	0.39	0.41		PSL		
MD02	24	25	MD0225	0.15	0.14	0.16		PGT		
MD02	25	26	MD0226	0.2	0.21	0.19		PGT		15
MD02	26	27	MD0227	0.07	0.07			PSL		20
MD02	27	28	MD0228	0.04	0.04	0.04		PSL	3	5
MD02	28	29	MD0229	0.04	0.04			PSL		
MD02	29	30	MD0230	0.06	0.06			PSL		
MD02	30	31	MD0231	0.03	0.03			PSL		

MD02	31	32	MD0232	0.01	0.01	L		PSL		
MD02	32	33	MD0233	0.02	0.01	0.02		PSL		
MD02	33	34	MD0234	0.03	0.03	0.03		PSL		
MD02	34	35	MD0235	0	L	L		PDZ		
MD02	35	36	MD0236	0	L	L		PDZ		1
MD02	36	37	MD0237	0	L	L		PDZ	5	1
MD02	37	38	MD0238	0	L	L		PDZ		
MD02	38	39	MD0239	0.03	0.02	0.03		PDZ		
MD02	39	40	MD0240	0.06	0.06			PDZ		1
MD03	0	1	MD0301					CLA	1	
MD03	1	2	MD0302	0.06	0.06			CLA		
MD03	2	3	MD0303	0.01	0.01	L		PGT		
MD03	3	4	MD0304	0.01	0.01			PSL		
MD03	4	5	MD0305	0.03	0.03			PSL		
MD03	5	6	MD0306	0.01	L	0.01		PSL		
MD03	6	7	MD0307	0	L			PSL	1	
MD03	7	8	MD0308	0.07	0.07			PSL		
MD03	8	9	MD0309	0.36	0.35	0.37		PSL		
MD03	9	10	MD0310	0.38	0.38			PSL	50	
MD03	10	11	MD0311	0.14	0.14			PSL	1	
MD03	11	12	MD0312	0.06	0.06			PSL		
MD03	12	13	MD0313	0.03	0.03			PSL		
MD03	13	14	MD0314	0.1	0.1	0.1		PSL		
MD03	14	15	MD0315	0.11	0.11			PSL		
MD03	15	16	MD0316	0.12	0.12			PGT		
MD03	16	17	MD0317	0.04	0.04			PSL	10	
MD03	17	18	MD0318	0.26	0.22	0.29		PPHM	3	
MD03	18	19	MD0319	0.18	0.18			PSL		
MD03	19	20	MD0320	0.03	0.03			PSL		
MD03	20	21	MD0321	0.02	0.02			PSL		
MD03	21	22	MD0322	0.05	0.05			PSL		
MD03	22	23	MD0323	0.02	0.02	0.01		PSL		
MD03	23	24	MD0324	0.01	0.01			PSL		
MD03	24	25	MD0325	0.01	0.01			PSL		5
MD03	25	26	MD0326	0.02	0.02			PSL		3
MD03	26	27	MD0327	0.02	0.02			PSL		

MD03	27	28	MD0328	0.02	0.02			PSL		1
MD03	28	29	MD0329	0.11	0.11	0.1		PSL		
MD03	29	30	MD0330	0.06	0.06			PSL		
MD03	30	31	MD0331	0.02	0.02			PGT	1	
MD03	31	32	MD0332	0.01	0.01			PGT		
MD03	32	33	MD0333	0.02	0.02			PSL		
MD03	33	34	MD0334	0.01	L	0.01		PSL		
MD03	34	35	MD0335	0.01	0.01	0.01		PSL		1
MD03	35	36	MD0336	0.01	0.01			PSL	3	5
MD03	36	37	MD0337	0.01	0.01			PSL	80	2
MD03	37	38	MD0338	0	L			QTZ	100	1
MD03	38	39	MD0339	0	L			QTZ	100	1
MD03	39	40	MD0340	0	L			QTZ	100	1
MD03	40	41	MD0341	0.01	0.01			QTZ	100	5
MD03	41	42	MD0342	0.09	0.1	0.07		PDZ	10	3
MD03	42	43	MD0343	0.03	0.03	0.02		PDZ		
MD04	0	1	MD0401	0.02	0.02	0.02		CLA	20	
MD04	1	2	MD0402	0.03	0.02	0.03		CLA	10	
MD04	2	3	MD0403	0	L			CLA		
MD04	3	4	MD0404	0	L			PPHM		
MD04	4	5	MD0405	0	L			PPHM		
MD04	5	6	MD0406	0.02	0.02			PSL		
MD04	6	7	MD0407	0.02	0.02			PSL		
MD04	7	8	MD0408	0	L			PSL		
MD04	8	9	MD0409	0	L			PSL		
MD04	9	10	MD0410	0	L			PPHM		
MD04	10	11	MD0411	0	L			PSL		
MD04	11	12	MD0412	0	L			PPHM		
MD04	12	13	MD0413	0	L			PSL		
MD04	13	14	MD0414	0	L			PSL		
MD04	14	15	MD0415	0	L	L		PSL		
MD04	15	16	MD0416	0	L			PSL		
MD04	16	17	MD0417	0	L			PGT		
MD04	17	18	MD0418	0	L			PSL		
MD04	18	19	MD0419	0	L			PPHM		
MD04	19	20	MD0420	0	L			PSL		

MD04	20	21	MD0421	0	L			PSL		
MD04	21	22	MD0422	0	L			PSL		
MD04	22	23	MD0423	0	L	L		PSL		3
MD04	23	24	MD0424	0	L			PSL		3
MD04	24	25	MD0425	0	L			PSL		1
MD04	25	26	MD0426	0	L			PDZ		
MD04	26	27	MD0427	0	L			PDZ		
MD04	27	28	MD0428	0	L			PDZ		
MD06	0	1	MD0601	0.02	0.02			PPHM		
MD06	1	2	MD0602	0.02	0.02	0.01		PPHM		
MD06	2	3	MD0603	0.01	0.01			PPHM		
MD06	3	4	MD0604	0.01	0.01			PGT		
MD06	4	5	MD0605	0.05	0.05			PPHM	15	
MD06	5	6	MD0606	0.01	0.01			PPHM		
MD06	6	7	MD0607	0.04	0.04			PPHM	15	1
MD06	7	8	MD0608	0.02	0.02			PPHM		
MD06	8	9	MD0609	0	L			PPHM		
MD06	9	10	MD0610	0	L			PPHM		
MD06	10	11	MD0611	0.09	0.09			PPHM		
MD06	11	12	MD0612	0.03	0.03			PSL		
MD06	12	13	MD0613	0.06	0.06			PSL	20	
MD06	13	14	MD0614	0.14	0.14			PSL		
MD06	14	15	MD0615	0.1	0.1			PSL	90	
MD06	15	16	MD0616	0.1	0.11	0.09		QTZ	100	
MD06	16	17	MD0617	0.2	0.2			QTZ	100	
MD06	17	18	MD0618	0.05	0.05			QTZ	100	
MD06	18	19	MD0619	0.28	0.28			PSL	80	
MD06	19	20	MD0620	0.32	0.32			PPHM		
MD06	20	21	MD0621	0.26	0.28	0.23		PSL		
MD06	21	22	MD0622	0.7	0.7	0.69		PSL		
MD06	22	23	MD0623	0.33	0.33			PSL	1	
MD06	23	24	MD0624	0.22	0.22			PPHM	1	
MD06	24	25	MD0625	0.04	0.04			PGT		
MD06	25	26	MD0626	0.03	0.03			PGT		
MD06	26	27	MD0627	0.04	0.04			PSL		
MD06	27	28	MD0628	0.07	0.07			PSL		

MD06	28	29	MD0629	0.88	0.9	0.85		PSL		
MD06	29	30	MD0630	0.97	1.01	0.93		PGT		
MD06	30	31	MD0631	1.32	1.27	1.36		PPHM	50	
MD06	31	32	MD0632	0.31	0.31			PGT		
MD06	32	33	MD0633	0.52	0.52			PSL	10	
MD06	33	34	MD0634	0.05	0.05			PPHM		
MD06	34	35	MD0635	0.8	0.84	0.76		PSL		
MD06	35	36	MD0636	0.78	0.83	0.74		PSL	5	1
MD06	36	37	MD0637	0.13	0.13			PSL	1	1
MD06	37	38	MD0638	0.17	0.17			PSL		1
MD06	38	39	MD0639	0.21	0.21			PSL		
MD06	39	40	MD0640	0.09	0.08	0.1		PSL		
MD06	40	41	MD0641	0.09	0.09			PSL		
MD06	41	42	MD0642	0.14	0.14			PSL	1	
MD06	42	43	MD0643	0.11	0.11			PSL		
MD07	0	1	MD0701	0.05	0.05			PSL		
MD07	1	2	MD0702	0.13	0.13			PSL	5	
MD07	2	3	MD0703	0.04	0.04			CLA		
MD07	3	4	MD0704	0.07	0.07	0.06		PSL		
MD07	4	5	MD0705	0.09	0.09			PSL	1	
MD07	5	6	MD0706	0.11	0.11			PSL		
MD07	6	7	MD0707	0.12	0.12			PSL		
MD07	7	8	MD0708	0.13	0.13			PGT		
MD07	8	9	MD0709	0.07	0.07			PPHM		
MD07	9	10	MD0710	0.01	L	0.02		PPHM		
MD07	10	11	MD0711	0.04	0.04			PPHM		
MD07	11	12	MD0712	0.4	0.43	0.37		PSL		
MD07	12	13	MD0713	0.19	0.19	0.19		PSL		
MD07	13	14	MD0714	0.13	0.13			PPHM	80	
MD07	14	15	MD0715	0.87	0.89	0.84		PSL		
MD07	15	16	MD0716	0.68	0.6	0.75		PSL		
MD07	16	17	MD0717	0.31	0.31			PPHM		
MD07	17	18	MD0718	0.21	0.21			PPHM		
MD07	18	19	MD0719	0.04	0.04			PGT		
MD07	19	20	MD0720	0.14	0.14			PPHM		
MD07	20	21	MD0721	0.03	0.03			PPHM		

MD07	21	22	MD0722	0.01	0.01			PSL		
MD07	22	23	MD0723	0.03	0.03			PSL		
MD07	23	24	MD0724	0.11	0.11			PGT		
MD07	24	25	MD0725	0.32	0.32			PGT	30	
MD07	25	26	MD0726	0.28	0.31	0.25		PGT		
MD07	26	27	MD0727	0.16	0.16			PGT		
MD07	27	28	MD0728	0.19	0.19			PGT		
MD07	28	29	MD0729	0.05	0.05			PSL	3	
MD07	29	30	MD0730	0.1	0.11	0.09		PSL		
MD07	30	31	MD0731	0.07	0.07			PSL		
MD07	31	32	MD0732	0.08	0.08			PSL		
MD07	32	33	MD0733	0.03	0.03			PSL		
MD07	33	34	MD0734	0.04	0.04			PSL		
MD07	34	35	MD0735	0.03	0.03			PSL		
MD07	35	36	MD0736	0.12	0.12			PSL		1
MD07	36	37	MD0737	0.35	0.32	0.37		PSL		1
MD07	37	38	MD0738	1.14	0.98	1.29		PSL		1
MD07	38	39	MD0739	0.54	0.49	0.6		PSL		1
MD07	39	40	MD0740	0.09	0.09			PSL		1
MD08	0	1	MD0801	0.08	0.08			CLA		
MD08	1	2	MD0802	0.01	0.01			CLA		
MD08	2	3	MD0803	0.22	0.22			CLA	10	
MD08	3	4	MD0804	0.41	0.41	0.41		CLA		
MD08	4	5	MD0805	0.04	0.04			PSL		
MD08	5	6	MD0806	0.01	L	0.01		PGT		
MD08	6	7	MD0807	0.03	0.03			PPHM		
MD08	7	8	MD0808	0.03	0.03	0.03		PPHM		
MD08	8	9	MD0809	0.02	0.02			PPHM		
MD08	9	10	MD0810	0.03	0.03			PPHM		
MD08	10	11	MD0811	4.04	3.98	4.1		QTZ	100	
MD08	11	12	MD0812	1.4	1.42	1.38		PPHM		
MD08	12	13	MD0813	0.17	0.17			PPHM		
MD08	13	14	MD0814	0.1	0.1			PPHM		
MD08	14	15	MD0815	0.05	0.05			PPHM		
MD08	15	16	MD0816	0.23	0.23			PPHM		
MD08	16	17	MD0817	0.06	0.06			PPHM		

MD08	17	18	MD0818	0.03	0.03			PSL		
MD08	18	19	MD0819	0.09	0.09			PSL		
MD08	19	20	MD0820	0.07	0.07			PSL		
MD08	20	21	MD0821	0.03	0.03			PSL		
MD08	21	22	MD0822	0.04	0.03	0.04		PSL		
MD08	22	23	MD0823	0	L	L		PSL		
MD08	23	24	MD0824	0.01	0.01			PSL		
MD08	24	25	MD0825	0	L			PSL		1
MD08	25	26	MD0826	0.04	0.04			PSL		1
MD08	26	27	MD0827	0.12	0.12			PSL		1
MD08	27	28	MD0828	0	L			PDZ		
MD08	28	29	MD0829	0.12	0.12			PDZ		
MD08	29	30	MD0830	0.01	0.01			PDZ		
MD09	0	1	MD0901	0.24	0.24			CLA	1	
MD09	1	2	MD0902	0.11	0.11			CLA	5	
MD09	2	3	MD0903	0	L			CLA		
MD09	3	4	MD0904	0	L			PSL		
MD09	4	5	MD0905	0	L			PPHM		
MD09	5	6	MD0906	0.01	L	0.01		PPHM		
MD09	6	7	MD0907	0	L			PPHM		
MD09	7	8	MD0908	0	L			PPHM		
MD09	8	9	MD0909	0.04	0.03	0.04		PSL		
MD09	9	10	MD0910	0	L	L		PSL		
MD09	10	11	MD0911	0.03	0.03			PSL		
MD09	11	12	MD0912	0	L	L		PSL		
MD09	12	13	MD0913	0.01	L	0.01		PSL		
MD09	13	14	MD0914	0.02	0.02			PSL	3	
MD09	14	15	MD0915	0	L			PSL		
MD09	15	16	MD0916	0.03	0.03			PSL		1
MD09	16	17	MD0917	0	L			PSL		
MD09	17	18	MD0918	0	L			PDZ		1
MD09	18	19	MD0919	0	L			PDZ	1	1
MD11	0	1	MD1101	0.05	0.05			PSL		
MD11	1	2	MD1102	0.03	0.03			PSL		
MD11	2	3	MD1103	0.03	0.03			CLA		
MD11	3	4	MD1104	0	L			CLA		

MD11	4	5	MD1105	0	L			PGT	3	
MD11	5	6	MD1106	0	L			PGT	5	
MD11	6	7	MD1107	0	L			PGT		
MD11	7	8	MD1108	0.02	L	0.03		PGT		
MD11	8	9	MD1109	0	L			PGT		
MD11	9	10	MD1110	0	L			PGT		
MD11	10	11	MD1111	0.02	0.02			PGT		
MD11	11	12	MD1112	0.06	0.06			PGT	1	
MD11	12	13	MD1113	0.04	0.06	0.02		PVT		
MD11	13	14	MD1114	0	L			PVT		
MD11	14	15	MD1115	0	L			PPHM		
MD11	15	16	MD1116	0.03	0.03			PGT		
MD11	16	17	MD1117	0	L			PSL		
MD11	17	18	MD1118	0.03	0.03			PSL		
MD11	18	19	MD1119	0.02	0.02			PSL	10	
MD11	19	20	MD1120	0	L			PSL		
MD11	20	21	MD1121	0	L			PGT		
MD11	21	22	MD1122	0	L			PGT		
MD11	22	23	MD1123	0	L			PSL		
MD11	23	24	MD1124	0	L			PGT		
MD11	24	25	MD1125	0.03	0.03			PGT		
MD11	25	26	MD1126	0	L			PSL		
MD11	26	27	MD1127	0	L			PSL	15	
MD11	27	28	MD1128	0	L			PPHM	1	
MD11	28	29	MD1129	0	L			PPHM	5	
MD11	29	30	MD1130	0	L	L		PPHM		
MD11	30	31	MD1131	0.03	0.03			PSL		
MD11	31	32	MD1132	0.02	0.02			PSL		
MD11	32	33	MD1133	0.02	0.02	0.02		PSL		
MD11	33	34	MD1134	0.03	0.03			PSL		
MD11	34	35	MD1135	0.02	0.02			PGT		
MD11	35	36	MD1136	0.03	0.03			PPHM		
MD11	36	37	MD1137	0	L			PPHM		
MD11	37	38	MD1138	0	L			PPHM		
MD11	38	39	MD1139	0	L			PGT	1	
MD11	39	40	MD1140	0	L	L		PGT		

MD12	0	1	MD1201					CLA		
MD12	1	2	MD1202					CLA		
MD12	2	3	MD1203	0	L	L		PPHM		
MD12	3	4	MD1204	0	L			PPHM		
MD12	4	5	MD1205	0	L			PPHM		
MD12	5	6	MD1206	0	L			PPHM	3	
MD12	6	7	MD1207	0.02	0.02			PPHM		
MD12	7	8	MD1208	0	L			PPHM		
MD12	8	9	MD1209	0	L	L		PPHM		
MD12	9	10	MD1210	0	L			PPHM		
MD12	10	11	MD1211	0	L			PPHM		
MD12	11	12	MD1212	0	L	L		PPHM		
MD12	12	13	MD1213	0	L			PPHM		
MD12	13	14	MD1214	0.02	0.02			PPHM		
MD12	14	15	MD1215	0	L			PPHM		
MD12	15	16	MD1216	0	L			PPHM		
MD12	16	17	MD1217	0.02	0.02			PPHM		
MD12	17	18	MD1218	0.03	0.03			PGT		
MD12	18	19	MD1219	0	L			PGT		
MD12	19	20	MD1220	0	L			PSL		
MD12	20	21	MD1221	0.03	0.03			PSL		
MD12	21	22	MD1222	0	L			PSL		
MD12	22	23	MD1223	0	L	L		PSL		
MD12	23	24	MD1224	0.03	0.03			PSL		
MD12	24	25	MD1225	0	L			PSL		
MD12	25	26	MD1226	0	L			PSL		
MD12	26	27	MD1227	0	L			PSL		
MD12	27	28	MD1228	0	L			PSL		
MD12	28	29	MD1229	0	L			PSL	1	
MD12	29	30	MD1230	0	L			PSL	10	1
MD12	30	31	MD1231	0	L			PSHC		
MD12	31	32	MD1232	0	L			PSHC	10	1
MD12	32	33	MD1233	0.02	0.02			PSHC		
MD12	33	34	MD1234	0.04	0.02	0.05		PSHC	5	
MD12	34	35	MD1235	0	L			PSHC		
MD12	35	36	MD1236	0	L			PSHC		

MD12	36	37	MD1237	0	L			PSHC		
MD12	37	38	MD1238	0.02	0.02			PSHC		
MD12	38	39	MD1239	0	L			PSL		
MD12	39	40	MD1240	0.03	0.03			PSHC		
MD12	40	41	MD1241	0.02	0.02			PPHM		
MD12	41	42	MD1242	0	L			PPHM		
MD12	42	43	MD1243	0.02	0.02			PPHM		
MD12	43	44	MD1244	0	L			PPHM		
MD12	44	45	MD1245	0	L			PPHM		
MD12	45	46	MD1246	0.01	0.02	L		PPHM		
MD13	0	1	MD1301	0.04	0.04			CLA		
MD13	1	2	MD1302	0	L			PPHM		
MD13	2	3	MD1303	0	L			PPHM		
MD13	3	4	MD1304	0	L			PSL		
MD13	4	5	MD1305	0.02	0.02			PPHM		
MD13	5	6	MD1306	0	L			PPHM	1	
MD13	6	7	MD1307	0	L			PSL		
MD13	7	8	MD1308	0	L			PPHM		
MD13	8	9	MD1309	0	L	L		PSL		
MD13	9	10	MD1310	0	L			PSL		
MD13	10	11	MD1311	0.03	0.03			PPHM		
MD13	11	12	MD1312	0	L			PPHM		
MD13	12	13	MD1313	0	L			PPHM		
MD13	13	14	MD1314	0	L			PPHM		
MD13	14	15	MD1315	0	L			PPHM		
MD13	15	16	MD1316	0	L			PPHM		
MD13	16	17	MD1317	0.02	0.02			PPHM		
MD13	17	18	MD1318	0	L			PPHM		
MD13	18	19	MD1319	0	L			PPHM		
MD13	19	20	MD1320	0	L			PPHM		
MD13	20	21	MD1321	0	L			PSL		
MD13	21	22	MD1322	0	L	L		PPHM		
MD13	22	23	MD1323	0	L			PPHM		
MD13	23	24	MD1324	0	L			PPHM		
MD13	24	25	MD1325	0	L			PPHM		
MD13	25	26	MD1326	0.03	0.03			PPHM		

MD13	26	27	MD1327	0.1	0.1	0.09		PPHM		
MD13	27	28	MD1328	0.08	0.08			PPHM		
MD13	28	29	MD1329	0.03	0.03			PPHM	10	
MD13	29	30	MD1330	0.03	0.03			PPHM		
MD13	30	31	MD1331	0.13	0.11	0.15		PPHM	80	
MD13	31	32	MD1332	0.03	0.02	0.03		PPHM		
MD13	32	33	MD1333	0	L			PGT		
MD13	33	34	MD1334	0.1	0.07	0.13		PGT		
MD13	34	35	MD1335	0.02	0.02			PGT		
MD13	35	36	MD1336	0.04	0.04			PGT		
MD13	36	37	MD1337	0.05	0.05			PGT		
MD13	37	38	MD1338	0.02	0.02			PGT		1
MD13	38	39	MD1339	0.05	0.05			PGT		
MD13	39	40	MD1340	0.06	0.05	0.06		PGT		
MD14	0	1	MD1401	0.02	0.02			CLA		
MD14	1	2	MD1402	0.02	0.02			CLA	1	
MD14	2	3	MD1403	0.02	0.02	0.02		PPHM		
MD14	3	4	MD1404	0.02	0.02	0.02		PPHM		
MD14	4	5	MD1405	0.01	0.01			PPHM		
MD14	5	6	MD1406	0.02	0.02			PPHM		
MD14	6	7	MD1407	0.02	0.02			PPHM		
MD14	7	8	MD1408	0.03	0.03			PPHM		
MD14	8	9	MD1409	0.01	0.01	L		PPHM		
MD14	9	10	MD1410	0.01	0.01			PPHM	5	
MD14	10	11	MD1411	0.01	0.01			PPHM	5	
MD14	11	12	MD1412	0.02	0.02			PSL		
MD14	12	13	MD1413	0.02	0.02			PPHM		
MD14	13	14	MD1414	0.02	0.02			PPHM		
MD14	14	15	MD1415	0.02	0.02	0.02		PPHM		
MD14	15	16	MD1416	0.02	0.02			PPHM		
MD14	16	17	MD1417	0.05	0.05			PPHM		
MD14	17	18	MD1418	0.07	0.07			PPHM		
MD14	18	19	MD1419	0.08	0.09	0.07		PPHM		
MD14	19	20	MD1420	0.05	0.05	0.05		PPHM		
MD14	20	21	MD1421	0.02	0.02			PPHM		
MD14	21	22	MD1422	0.01	0.01			PPHM		

MD14	22	23	MD1423	0.02	0.02			PGT		
MD14	23	24	MD1424	0.02	0.02			PPHM		
MD14	24	25	MD1425	0.02	0.01	0.02		PPHM		
MD14	25	26	MD1426	0.02	0.02			PSL		
MD14	26	27	MD1427	0.02	0.02			PGT		
MD14	27	28	MD1428	0.02	0.02			PSL		
MD14	28	29	MD1429	0.02	0.02			PSL		
MD14	29	30	MD1430	0.01	0.01			PSL		
MD14	30	31	MD1431	0.01	0.01	0.01		PSL		
MD14	31	32	MD1432	0.02	0.02			PPHM		
MD14	32	33	MD1433	0.04	0.04			PPHM		
MD14	33	34	MD1434	0.02	0.02			PPHM		
MD14	34	35	MD1435	0.01	0.01	L		PPHM		
MD14	35	36	MD1436	0	L			PPHM	3	
MD14	36	37	MD1437	0.01	0.01			PGT		
MD14	37	38	MD1438	0.01	0.01			PPHM		
MD14	38	39	MD1439	0.01	0.01			PPHM		
MD14	39	40	MD1440	0.03	0.02	0.03		PSL		
MD14	40	41	MD1441	0.19	0.19	0.18		PSL		1
MD14	41	42	MD1442	0.11	0.11			PSL		1
MD14	42	43	MD1443	0.07	0.07			PSL	1	2
MD14	43	44	MD1444	0.04	0.04			PSL		
MD14	44	45	MD1445	0.07	0.07			PSL		1
MD14	45	46	MD1446	0.06	0.06	0.06		PSL		3
MD14	46	47	MD1447	0.04	0.04			PSL		1
MD14	47	48	MD1448	0.05	0.05	0.05		PSL	1	1
MD14	48	49	MD1449	0.03	0.03			PSL		2
MD14	49	50	MD1450	0.01	0.01			PSL		1
MD14	50	51	MD1451	0.01	0.01			PSL		1
MD14	51	52	MD1452	0.01	0.01			PSL		1
MD15	0	1	MD1501	0.02	0.02	0.02		CLA		
MD15	1	2	MD1502	0.02	0.02	0.01		PSL	3	
MD15	2	3	MD1503	0.04	0.04			PSL		
MD15	3	4	MD1504	0.01	0.01			PSL		
MD15	4	5	MD1505	0.03	0.03			PSL		
MD15	5	6	MD1506	0.02	0.02			PPHM		

MD15	6	7	MD1507	0.02	0.02	0.02		PPHM		
MD15	7	8	MD1508	0.01	0.01			PPHM		
MD15	8	9	MD1509	0.01	0.01			PPHM		
MD15	9	10	MD1510	0.02	0.02			PPHM		
MD15	10	11	MD1511	0.02	0.02			PPHM		
MD15	11	12	MD1512	0.03	0.03	0.03		PPHM		
MD15	12	13	MD1513	0.01	0.01			PPHM		
MD15	13	14	MD1514	0.01	0.01			PPHM		
MD15	14	15	MD1515	0.06	0.06			PPHM		
MD15	15	16	MD1516	0.12	0.12			PPHM	3	
MD15	16	17	MD1517	0.05	0.05			PSL	5	
MD15	17	18	MD1518	0.03	0.04	0.02		PPHM	80	
MD15	18	19	MD1519	0.02	0.02			PPHM	80	
MD15	19	20	MD1520	0.02	0.02	0.02		PPHM	80	
MD15	20	21	MD1521	0.03	0.03			PPHM	5	
MD15	21	22	MD1522	0.02	0.02			PPHM	3	
MD15	22	23	MD1523	0.02	0.02	0.02		PGT		
MD15	23	24	MD1524	0.02	0.02			PGT		
MD15	24	25	MD1525	0.01	0.01			PGT		
MD15	25	26	MD1526	0.01	0.01			PGT		
MD15	26	27	MD1527	0.02	0.02			PGT	20	
MD15	27	28	MD1528	0.01	0.01			PPHM	20	1
MD15	28	29	MD1529	0.02	0.02			PSL	10	1
MD15	29	30	MD1530	0.01	0.01	L		PGT		1
MD15	30	31	MD1531	0.02	0.01	0.02		PGT		2
MD15	31	32	MD1532	0.03	0.03			PGT		2
MD15	32	33	MD1533	0.06	0.06			PGT		2
MD15	33	34	MD1534	0.03	0.03			PGT		2
MD15	34	35	MD1535	0.02	0.02	0.02		PSL		10
MD15	35	36	MD1536	0.04	0.04			PSL		3
MD15	36	37	MD1537	0.44	0.43	0.45		PSL		1
MD15	37	38	MD1538	0.03	0.03			PSL	1	1
MD15	38	39	MD1539	0.25	0.22	0.28		PSL		
MD15	39	40	MD1540	0.03	0.03			PGT		
MD15	40	41	MD1541	0.05	0.05			PSL	3	
MD15	41	42	MD1542	0.54	0.51	0.56		PSL		1

MD15	42	43	MD1543	0.08	0.07	0.09		PSL		
MD15	43	44	MD1544	0.1	0.1	0.1		PSL	3	1
MD15	44	45	MD1545	0.02	0.03	0.01		PSL	3	2
MD15	45	46	MD1546	0.01	0.01	0.01		PSL	3	2
MD16	0	1	MD1601	0.02	0.02			CLA		
MD16	1	2	MD1602	0.05	0.05			PPHM		
MD16	2	3	MD1603	0.13	0.13			PPHM		
MD16	3	4	MD1604	0.28	0.29	0.27		PPHM		
MD16	4	5	MD1605	1.13	1.01	1.24		PPHM		
MD16	5	6	MD1606	0.64	0.69	0.58		PPHM		
MD16	6	7	MD1607	1.86	1.8	1.92		PPHM	1	
MD16	7	8	MD1608	0.24	0.24			QTZ	100	
MD16	8	9	MD1609	0.23	0.23			QTZ	100	
MD16	9	10	MD1610	0.11	0.11			PPHM	80	1
MD16	10	11	MD1611	0.33	0.34	0.31		PPHM		
MD16	11	12	MD1612	0.32	0.32			PPHM	1	
MD16	12	13	MD1613	0.02	0.02	0.02		PPHM		
MD16	13	14	MD1614	0.01	0.01			PGT	1	
MD16	14	15	MD1615	0	L			PSL	1	2
MD16	15	16	MD1616	0	L			PSL		
MD16	16	17	MD1617	0.08	0.09	0.07		PGT		
MD16	17	18	MD1618	0.08	0.08			PPHM	5	
MD16	18	19	MD1619	0.02	0.02			PSL		
MD16	19	20	MD1620	0.04	0.04			PSL		
MD16	20	21	MD1621	0.83	0.84	0.81		PSL		1
MD16	21	22	MD1622	0.05	0.05			PSL	10	
MD16	22	23	MD1623	0.92	0.84	0.99		PSL	3	
MD16	23	24	MD1624	0.06	0.06			PSL	5	1
MD16	24	25	MD1625	0.02	0.02			PDZ		
MD16	25	26	MD1626	0.04	0.04			PDZ		
MD16	26	27	MD1627	0.01	0.01	0.01		PDZ	1	1
MD16	27	28	MD1628	0	L			PDZ	1	1
MD17	0	1	MD1701	0.1	0.1			CLA	5	
MD17	1	2	MD1702	0.03	0.03			CLA	15	
MD17	2	3	MD1703	0	L			CLA	30	
MD17	3	4	MD1704	0.35	0.35			PSL	10	

MD17	4	5	MD1705	0.03	0.03			PSL	3	
MD17	5	6	MD1706	0.27	0.27	0.26		PSL		
MD17	6	7	MD1707	0.41	0.46	0.36		PSL		
MD17	7	8	MD1708	0.32	0.32			PSL		
MD17	8	9	MD1709	0.13	0.13			PSL		
MD17	9	10	MD1710	0	L			PDZ		
MD17	10	11	MD1711	0	L			PDZ		
MD17	11	12	MD1712	0	L			PDZ	1	
MD17	12	13	MD1713	0	L			PDZ	5	
MD17	13	14	MD1714	0	L			PDZ		
MD17	14	15	MD1715	0	L			PDZ		1
MD17	15	16	MD1716	0	L			PDZ	5	
MD17	16	17	MD1717	0	L			PDZ		
MD17	17	18	MD1718	0	L			PDZ		1
MD18	0	1	MD1801	0	L	L		CLA		
MD18	1	2	MD1802	0	L			PDZ		
MD18	2	3	MD1803	0	L			PDZ		
MD18	3	4	MD1804	0.01	0.01			PDZ		
MD18	4	5	MD1805	0.01	0.01			PDZ		
MD18	5	6	MD1806	0.01	0.01			PDZ		1
MD18	6	7	MD1807	0.01	0.01			PDZ		
MD18	7	8	MD1808	0.01	0.01			PDZ		
MD18	8	9	MD1809	0.01	0.01			PDZ		
MD18	9	10	MD1810	0.01	0.01			PDZ		
MD18	10	11	MD1811	0	L			PDZ	3	1
MD18	11	12	MD1812	0.01	0.01			PDZ		
MD18	12	13	MD1813	0.01	0.01	0.01		PDZ		
MD18	13	14	MD1814	0.01	0.01			PDZ		
MD18	14	15	MD1815	0.01	0.01			PDZ		
MD18	15	16	MD1816	0	L			PDZ	3	
MD19	0	1	MD1901	0.1	0.09	0.1		CLA	80	
MD19	1	2	MD1902	0.08	0.08			CLA		
MD19	2	3	MD1903	0	L			CLA		
MD19	3	4	MD1904	0	L			CLA		
MD19	4	5	MD1905	0	L			PPHM		
MD19	5	6	MD1906	0	L			PPHM	1	

MD19	6	7	MD1907	0	L			PPHM		
MD19	7	8	MD1908	0	L			PSL		
MD19	8	9	MD1909	0	L			PPHM		
MD19	9	10	MD1910	0.02	0.02			PPHM		
MD19	10	11	MD1911	0	L			PPHM		
MD19	11	12	MD1912	0	L			PGT		
MD19	12	13	MD1913	0	L			PGT	1	
MD19	13	14	MD1914	0	L			PGT		
MD19	14	15	MD1915	0	L			PPHM	3	
MD19	15	16	MD1916	0	L			PSL		
MD19	16	17	MD1917	0	L			PSL		
MD19	17	18	MD1918	0	L	L		PSL		
MD19	18	19	MD1919	0.02	0.02			PPHM		
MD19	19	20	MD1920	0	L			PSL		
MD19	20	21	MD1921	0.02	0.02			PSL		
MD19	21	22	MD1922	0	L	L		PSL		
MD19	22	23	MD1923	0	L			PPHM	1	
MD19	23	24	MD1924	0	L			PPHM		
MD19	24	25	MD1925	0	L			PPHM		
MD19	25	26	MD1926	0	L			PPHM		
MD19	26	27	MD1927	0	L			PGT		
MD19	27	28	MD1928	0	L			PGT		
MD19	28	29	MD1929	0.02	0.02			PGT		
MD19	29	30	MD1930	0	L			PGT		
MD19	30	31	MD1931	0	L			PGT		
MD19	31	32	MD1932	0.03	0.03			PGT		
MD19	32	33	MD1933	0	L			PGT		
MD19	33	34	MD1934	0	L			PGT		
MD19	34	35	MD1935	0	L			PGT		
MD19	35	36	MD1936	0	L			PGT		
MD19	36	37	MD1937	0	L			PGT		
MD19	37	38	MD1938	0.02	0.02			PSL		
MD19	38	39	MD1939	0	L			PGT		
MD19	39	40	MD1940	0	L	L		PSL		
MD19	40	41	MD1941	0.02	0.02			PGT	1	
MD19	41	42	MD1942	0.03	0.03			PGT		

MD19	42	43	MD1943	0.03	0.03			PSL		
MD19	43	44	MD1944	0	L			PGT	1	
MD19	44	45	MD1945	0	L			PSL		
MD19	45	46	MD1946	0.02	0.02			PSL		
MD20	0	1	MD2001	0.08	0.08			CLA		
MD20	1	2	MD2002	0.13	0.13			CLA		
MD20	2	3	MD2003	0	L	L		PSL		
MD20	3	4	MD2004	0.03	0.03			PSL		
MD20	4	5	MD2005	0.04	0.04			PSL		
MD20	5	6	MD2006	0	L			PSL		
MD20	6	7	MD2007	0	L			PSL		
MD20	7	8	MD2008	0	L			PSL		
MD20	8	9	MD2009	0	L			PPHM		
MD20	9	10	MD2010	0	L	L		PGT		
MD20	10	11	MD2011	0	L			PGT		
MD20	11	12	MD2012	0	L			PGT		
MD20	12	13	MD2013	0.02	0.02			PGT		
MD20	13	14	MD2014	0	L			PSL		
MD20	14	15	MD2015	0	L			PGT		
MD20	15	16	MD2016	0	L			PGT		
MD20	16	17	MD2017	0	L			PGT		
MD20	17	18	MD2018	0	L			PSL		
MD20	18	19	MD2019	0	L			PSL		
MD20	19	20	MD2020	0	L			PSL		
MD20	20	21	MD2021	0	L			PSL		
MD20	21	22	MD2022	0	L			PSL	1	
MD20	22	23	MD2023	0	L			PSL		
MD20	23	24	MD2024	0	L	L		PSL	1	
MD20	24	25	MD2025	0	L			PSL		
MD20	25	26	MD2026	0	L			PSL		
MD20	26	27	MD2027	0	L			PSL	1	
MD20	27	28	MD2028	0	L			PPHM		
MD20	28	29	MD2029	0	L			PPHM		
MD20	29	30	MD2030	0	L			PGT		
MD20	30	31	MD2031	0.12	0.11	0.12		PGT		
MD20	31	32	MD2032	0.07	0.07			PGT	1	

MD20	32	33	MD2033	0.03	0.03			PSL		
MD20	33	34	MD2034	0.04	0.04			PSL	1	
MD20	34	35	MD2035	0.02	0.02			PSL		
MD20	35	36	MD2036	0.52	0.55	0.49		PSL		
MD20	36	37	MD2037	0.04	0.04	0.04		PSL		
MD20	37	38	MD2038	0.43	0.43	0.43		PSL		
MD20	38	39	MD2039	0.02	0.02			PSL		
MD20	39	40	MD2040	0.05	0.05			PSL	1	
MD20	40	41	MD2041	0.11	0.11			PSL	1	
MD20	41	42	MD2042	0.18	0.18	0.17		PSL		
MD20	42	43	MD2043	0.86	0.86	0.85		PSL	3	1
MD20	43	44	MD2044	0	S			PSL		
MD20	44	45	MD2045	0.21	0.21			PSL		
MD20	45	46	MD2046	0.56	0.57	0.56		PSL	3	1
MD20	46	47	MD2047	0.02	0.02			PSL		
MD20	47	48	MD2048	0.01	0.01			PSL		
MD20	48	49	MD2049	0.03	0.03			PSL		
MD20	49	50	MD2050	0	L			PSL		
MD20	50	51	MD2051	0	L			PSL		
MD20	51	52	MD2052	0.08	0.08			PSL		
MD21	0	1	MD2101	0.1	0.1			CLA		
MD21	1	2	MD2102	0.12	0.12	0.11		CLA		
MD21	2	3	MD2103	0.02	0.02			CLA		
MD21	3	4	MD2104	0.03	0.03			CLA		
MD21	4	5	MD2105	0.02	0.02			PSL		
MD21	5	6	MD2106	0.04	0.04			PSL		
MD21	6	7	MD2107	0.03	0.03			PSL		
MD21	7	8	MD2108	0.29	0.29			PSL		
MD21	8	9	MD2109	0.03	0.03			PSL		
MD21	9	10	MD2110	0	L			PSL		
MD21	10	11	MD2111	0	L			PPHM		
MD21	11	12	MD2112	0.22	0.22			PPHM		
MD21	12	13	MD2113	0.33	0.3	0.35		PPHM		
MD21	13	14	MD2114	0.32	0.31	0.33		PPHM		
MD21	14	15	MD2115	0.18	0.18			PPHM		
MD21	15	16	MD2116	0.05	0.03	0.06		PSL		

MD21	16	17	MD2117	0.02	0.02			PSL		
MD21	17	18	MD2118	0	L			PSL		
MD21	18	19	MD2119	0	L			PSL		
MD21	19	20	MD2120	0	L			PSL		
MD21	20	21	MD2121	0.32	0.35	0.28		PSL		
MD21	21	22	MD2122	0	L			PSL		
MD21	22	23	MD2123	0	L			PGT		
MD21	23	24	MD2124	0.06	0.06			PSL		
MD21	24	25	MD2125	0.34	0.34	0.34		PGT		
MD21	25	26	MD2126	0	L			PGT		
MD21	26	27	MD2127	0.09	0.08	0.1		PSL		
MD21	27	28	MD2128	0.01	L	0.02		PSL		
MD21	28	29	MD2129	0.15	0.15	0.15		PGT		
MD21	29	30	MD2130	0.02	0.02			PSL		
MD21	30	31	MD2131	0	L			PSL		
MD21	31	32	MD2132	0	L			PSL		
MD21	32	33	MD2133	0	L			PSL		
MD21	33	34	MD2134	0.03	0.03			PPHM		
MD21	34	35	MD2135	0	L			PSL		
MD21	35	36	MD2136	0.02	0.02			PSL		
MD21	36	37	MD2137	0	L			PGT		
MD21	37	38	MD2138	0.15	0.12	0.17		PGT	3	1
MD21	38	39	MD2139	0.06	0.06			PSL		
MD21	39	40	MD2140	0.03	0.02	0.03		PSL		
MD21	40	41	MD2141	0.13	0.13			PSL		
MD21	41	42	MD2142	0.08	0.08			PGT		
MD21	42	43	MD2143	0.04	0.04			PGT		
MD22	0	1	MD2201	0.03	0.03			PSL	10	
MD22	1	2	MD2202	0.03	0.03			PSL	10	
MD22	2	3	MD2203	0	L			CLA	5	
MD22	3	4	MD2204	0.02	0.02			CLA		
MD22	4	5	MD2205	0.02	0.02	0.01		CLA		
MD22	5	6	MD2206	0.02	0.02			QTZ	100	
MD22	6	7	MD2207	0.01	0.01			PSL		
MD22	7	8	MD2208	0	L			PPHM		
MD22	8	9	MD2209	0	L			PPHM		

MD22	9	10	MD2210	0.01	0.01			PPHM		
MD22	10	11	MD2211	0.03	0.03			PPHM		
MD22	11	12	MD2212	0.01	0.01			PPHM		
MD22	12	13	MD2213	0.02	0.02			PPHM		
MD22	13	14	MD2214	0.02	0.02			PPHM		
MD22	14	15	MD2215	0.01	0.01			PPHM		
MD22	15	16	MD2216	0	L			PPHM		
MD22	16	17	MD2217	0.01	0.01			PGT		
MD22	17	18	MD2218	0.01	0.01			PGT		
MD22	18	19	MD2219	0	L			PPHM		
MD22	19	20	MD2220	0.01	L	0.02		PPHM		
MD22	20	21	MD2221	0	L			PPHM		
MD22	21	22	MD2222	0.01	L	0.01		PPHM		
MD22	22	23	MD2223	0	L			PPHM		
MD22	23	24	MD2224	0	L			PPHM		
MD22	24	25	MD2225	0.01	0.01			PSL		
MD22	25	26	MD2226	0	L			PSL		1
MD22	26	27	MD2227	0.42	0.42	0.41		PGT		
MD22	27	28	MD2228	0.04	0.05	0.03		PGT		
MD22	28	29	MD2229	0.02	0.02			PGT		
MD22	29	30	MD2230	0.02	0.02			PGT		
MD22	30	31	MD2231	0.02	0.02			PGT		
MD22	31	32	MD2232	0.04	0.04			PGT		
MD22	32	33	MD2233	0.03	0.03			PGT		
MD22	33	34	MD2234	0.01	0.01			PGT		
MD22	34	35	MD2235	0	L			PGT		
MD22	35	36	MD2236	0.01	0.01			PSL		
MD22	36	37	MD2237	0.01	0.01	0.01		PSL		
MD22	37	38	MD2238	0.02	0.02			PSL	5	
MD22	38	39	MD2239	0.02	0.02			PSL		1
MD22	39	40	MD2240	0.01	0.01			PSL	3	1
MD22	40	41	MD2241	0	L			PSL	1	
MD22	41	42	MD2242	0.02	0.02			PGT	10	
MD22	42	43	MD2243	0.01	L	0.01		PGT	30	2
MD22	43	44	MD2244	0.05	0.06	0.03		PGT	10	1
MD22	44	45	MD2245	0.02	0.02			PGT	5	

MD22	45	46	MD2246	0.01	0.01			PSL		
MD22	46	47	MD2247	0.01	0.01			PSL	50	
MD22	47	48	MD2248	0.02	0.02			PDZ	5	5
MD22	48	49	MD2249	0	L			PDZ	20	5
MD22	49	50	MD2250	0	L			PDZ	10	3
MD22	50	51	MD2251	0	L			PDZ	10	2
MD22	51	52	MD2252	0	L			PDZ	3	1
MD22	52	53	MD2253	0	L			PDZ	1	1
MD22	53	54	MD2254	0	L			PDZ	5	1
MD22	54	55	MD2255	0	L			PDZ	5	1
MD23	0	1	MD2301	0.02	0.02			CLA	10	
MD23	1	2	MD2302	0.91	0.91			CLA	10	
MD23	2	3	MD2303	0	I			CLA		
MD23	3	4	MD2304	0	I			PSL		
MD23	4	5	MD2305	0.17	0.17			PSL		
MD23	5	6	MD2306	0.01	0.01			PSL	1	
MD23	6	7	MD2307	0	L			PSL		
MD23	7	8	MD2308	0	L			PSL		
MD23	8	9	MD2309	0.01	0.01			PGT		
MD23	9	10	MD2310	0	L			PSL		
MD23	10	11	MD2311	0	L			PSL		
MD23	11	12	MD2312	0.03	0.03			PPHM		
MD23	12	13	MD2313	0	L			PPHM		
MD23	13	14	MD2314	0.02	0.02			PGT		
MD23	14	15	MD2315	0	L			PGT		
MD23	15	16	MD2316	0	L			PGT		
MD23	16	17	MD2317	0	L			PGT		
MD23	17	18	MD2318	0	L			PGT		
MD23	18	19	MD2319	0	L			PPHM		
MD23	19	20	MD2320	0	L			PPHM		
MD23	20	21	MD2321	0.28	0.28	0.28		QTZ	100	
MD23	21	22	MD2322	0.07	0.07			PSL	95	
MD23	22	23	MD2323	0.08	0.08			PSL	5	
MD23	23	24	MD2324	0.02	0.02			PSL	5	1
MD23	24	25	MD2325	0.02	0.02			PDZ	5	1
MD23	25	26	MD2326	0.01	0.01	L		PDZ	5	1

MD23	26	27	MD2327	0.01	0.01			PDZ	1	1
MD23	27	28	MD2328	0.01	0.01			PDZ		1
MD23	28	29	MD2329	0.06	0.06			PDZ	1	1
MD23	29	30	MD2330	0.01	0.01			PDZ	5	1
MD23	30	31	MD2331	0.02	0.02			PDZ	1	1
MD23	31	32	MD2332	0	L			PDZ	1	1
MD23	32	33	MD2333	0	L			PDZ	1	1
MD23	33	34	MD2334	0.02	0.02			PDZ		
MD24	0	1	MD2401	0	I			PSL		
MD24	1	2	MD2402	0	I			PSL		
MD24	2	3	MD2403	0.33	0.34	0.31		CLA	15	
MD24	3	4	MD2404	0.17	0.17	0.16		PSL		
MD24	4	5	MD2405	0.08	0.08			CLA		
MD24	5	6	MD2406	0.08	0.06	0.09		CLA	20	
MD24	6	7	MD2407	0.04	0.04			PSL	15	
MD24	7	8	MD2408	0.02	0.02			PSL		
MD24	8	9	MD2409	0.01	0.01	L		PSL		
MD24	9	10	MD2410	0.02	0.02			PSL		
MD24	10	11	MD2411	0.02	0.02			PSL		
MD24	11	12	MD2412	0	L			PSL		
MD24	12	13	MD2413	0.01	0.01			PSL		
MD24	13	14	MD2414	0	L			PSL		
MD24	14	15	MD2415	0.02	0.02			PSL		
MD24	15	16	MD2416	0.03	0.03			PSL	15	
MD24	16	17	MD2417	0.03	0.02	0.03		PSL	3	
MD24	17	18	MD2418	0.06	0.06			PSL	20	
MD24	18	19	MD2419	0.04	0.04	0.04		PDZ		
MD24	19	20	MD2420	0.02	0.02			PDZ	3	1
MD24	20	21	MD2421	0.06	0.06			PDZ	15	
MD24	21	22	MD2422	0.07	0.08	0.05		PDZ	5	
MD24	22	23	MD2423	0.04	0.04			PDZ	5	1
MD24	23	24	MD2424	0.03	0.03			PDZ	5	1
MD24	24	25	MD2425	0.02	0.02			PDZ	1	1
MD24	25	26	MD2426	0.02	0.01	0.02		PDZ	1	1
MD24	26	27	MD2427	0.02	0.02			PDZ		1
MD24	27	28	MD2428	0.02	0.02			PDZ	1	2

MD24	28	29	MD2429	0.03	0.03			PDZ	10	1
MD24	29	30	MD2430	0.03	0.03			PDZ	10	1
MD24	30	31	MD2431	0.05	0.05			PDZ		1
MD24	31	32	MD2432	0	L	L		PDZ	3	1
MD24	32	33	MD2433	0.02	0.02			PDZ	2	1
MD24	33	34	MD2434	0.02	0.02	0.01		PDZ	5	3
MD24	34	35	MD2435	0.04	0.04			PDZ	10	3
MD24	35	36	MD2436	0.02	0.02			PDZ	1	1
MD24	36	37	MD2437	0.02	0.02	0.02		PDZ	1	1
MD25	0	1	MD2501	0	I			CLA		
MD25	1	2	MD2502	0	I			CLA		
MD25	2	3	MD2503	0	I			CLA		
MD25	3	4	MD2504	0.12	0.12			CLA		
MD25	4	5	MD2505	0.04	0.04			PDZ		
MD25	5	6	MD2506	0.02	0.02			PDZ	1	
MD25	6	7	MD2507	0	L	L		PSL		
MD25	7	8	MD2508	0.02	0.02			PDZ		
MD25	8	9	MD2509	0	I			PDZ	20	
MD25	9	10	MD2510	0	L	L		PDZ	10	
MD25	10	11	MD2511	0.02	0.02			PDZ		
MD25	11	12	MD2512	0.01	0.01			PDZ	1	
MD25	12	13	MD2513	0.01	0.01			PDZ	5	
MD25	13	14	MD2514	0.01	0.01			PDZ		
MD25	14	15	MD2515	0.02	0.02			PDZ		
MD25	15	16	MD2516	0	L			PDZ		
MD25	16	17	MD2517	0.01	0.01			PDZ		
MD25	17	18	MD2518	0	L			PDZ	50	
MD25	18	19	MD2519	0.03	0.03			PDZ		
MD25	19	20	MD2520	0.03	0.03			PDZ	10	
MD25	20	21	MD2521	0.03	0.03			PDZ	1	
MD25	21	22	MD2522	0.02	0.02			PDZ		2
MD25	22	23	MD2523	0.04	0.04			PDZ	1	2
MD25	23	24	MD2524	0.03	0.03			PDZ		2
MD25	24	25	MD2525	0.02	0.02			PDZ	5	2
MD25	25	26	MD2526	0.06	0.06			PDZ		2
MD25	26	27	MD2527	0.01	0.01			PDZ		2

MD25	27	28	MD2528	0.02	0.02			PDZ		2
MD26	0	1	MD2601	0.05	0.04	0.05		CLA	10	
MD26	1	2	MD2602	0.01	L	0.01		CLA		
MD26	2	3	MD2603	0	L			PPHM		
MD26	3	4	MD2604	0	L			CLA	3	
MD26	4	5	MD2605	0	L			CLA	3	
MD26	5	6	MD2606	0	L			CLA	3	
MD26	6	7	MD2607	0	L			CLA	5	
MD26	7	8	MD2608	0	L			PSL		
MD26	8	9	MD2609	0.02	0.02			PSL	5	
MD26	9	10	MD2610	0	L			PSL	1	
MD26	10	11	MD2611	0	L			PGT		
MD26	11	12	MD2612	0.01	0.01			PSL		
MD26	12	13	MD2613	0.02	0.02			PSL		
MD26	13	14	MD2614	0.01	0.01			PDZ		
MD26	14	15	MD2615	0	L			CLA	5	
MD26	15	16	MD2616	0.01	0.01			PSL		
MD26	16	17	MD2617	0.02	0.02			PDZ	1	
MD26	17	18	MD2618	0.02	0.02			PDZ		
MD26	18	19	MD2619	0	L			PDZ		
MD26	19	20	MD2620	0.01	L	0.01		PDZ		
MD26	20	21	MD2621	0.03	0.03			PDZ		
MD26	21	22	MD2622	0	L			PDZ		
MD26	22	23	MD2623	0.01	0.01			PDZ		
MD26	23	24	MD2624	0	L			PDZ		
MD26	24	25	MD2625	0.02	0.02			PDZ	30	3
MD26	25	26	MD2626	0	L	L		PDZ	20	1
MD26	26	27	MD2627	0	L			PDZ	20	1
MD26	27	28	MD2628	0.01	0.01			PDZ	20	3
MD26	28	29	MD2629	0.03	0.03			PDZ	10	3
MD26	29	30	MD2630	0.01	0.01			PDZ	3	1
MD26	30	31	MD2631	0.06	0.06	0.05		PDZ	10	2
MD26	31	32	MD2632	0.03	0.04	0.02		PDZ	10	2
MD26	32	33	MD2633	0.03	0.03			PDZ	3	2
MD26	33	34	MD2634	0	L			PDZ	3	2
MD26	34	35	MD2635	0.02	0.02			PDZ	10	2

MD26	35	36	MD2636	0.03	0.03			PDZ	1	1
MD26	36	37	MD2637	0	L			PDZ		1
MD26	37	38	MD2638	0	L	L		PDZ	1	3
MD26	38	39	MD2639	0.01	0.01			PDZ	20	5
MD26	39	40	MD2640	0	L			PDZ	100	10
MD26	40	41	MD2641	0	L			PDZ	50	3
MD26	41	42	MD2642	0	L			PDZ	20	2
MD26	42	43	MD2643	0.02	0.02			PDZ	10	
MD26	43	44	MD2644	0.01	0.01			PDZ	5	
MD26	44	45	MD2645	0.02	0.02			PDZ		
MD26	45	46	MD2646	0.01	L	0.01		PDZ		
MD27	0	1	MD2701	0	L			CLA		
MD27	1	2	MD2702	0.01	0.01			CLA		
MD27	2	3	MD2703	0	L	L		CLA		
MD27	3	4	MD2704	0	L			CLA		
MD27	4	5	MD2705	0	L			CLA		
MD27	5	6	MD2706	0	L			PSL		
MD27	6	7	MD2707	0	L			PDZ		
MD27	7	8	MD2708	0	L			PDZ		
MD27	8	9	MD2709	0	L			PDZ		
MD27	9	10	MD2710	0	L			PDZ		
MD28	0	1	MD2801	0	S			CLA		
MD28	1	2	MD2802	0.01	0.01			CLA		
MD28	2	3	MD2803	0.03	0.03			CLA		
MD28	3	4	MD2804	0.03	0.03			PPHM		
MD28	4	5	MD2805	0.01	0.01			PPHM		
MD28	5	6	MD2806	0.11	0.1	0.11		PPHM	5	
MD28	6	7	MD2807	0.03	0.03			PPHM		
MD28	7	8	MD2808	0.04	0.04			PPHM		
MD28	8	9	MD2809	0.03	0.03			PPHM		
MD28	9	10	MD2810	0.02	0.02			PPHM		
MD28	10	11	MD2811	0.06	0.05	0.06		PPHM	1	
MD28	11	12	MD2812	0.03	0.03			PPHM	5	
MD28	12	13	MD2813	0.04	0.04			PPHM	1	
MD28	13	14	MD2814	0	L			PPHM		
MD28	14	15	MD2815	0.03	0.03			PPHM		

MD28	15	16	MD2816	0.02	0.02			PGT		
MD28	16	17	MD2817	0.02	0.02			PPHM		
MD28	17	18	MD2818	0.01	0.01			PPHM	20	
MD28	18	19	MD2819	0	L			PPHM	10	
MD28	19	20	MD2820	0	L			PPHM		
MD28	20	21	MD2821	0	L			PSL		
MD28	21	22	MD2822	0	L			PPHM		
MD28	22	23	MD2823	0	L			PSL		
MD28	23	24	MD2824	0	L			PPHM		
MD28	24	25	MD2825	0	L			PSL		1
MD28	25	26	MD2826	0	L	L		PPHM		
MD28	26	27	MD2827	0.02	0.02			PSL	3	1
MD28	27	28	MD2828	0	L			PGT	1	1
MD28	28	29	MD2829	0	L			PGT		
MD28	29	30	MD2830	0	L			PGT		
MD28	30	31	MD2831	0	L			PGT		
MD28	31	32	MD2832	0	L			PGT		
MD28	32	33	MD2833	0.04	0.04			PGT		
MD28	33	34	MD2834	0.05	0.05			PGT		
MD28	34	35	MD2835	0.08	0.06	0.1		PGT		
MD28	35	36	MD2836	0.04	0.04			PGT		
MD28	36	37	MD2837	0	L			PGT	3	
MD28	37	38	MD2838	0	L			PGT	5	
MD28	38	39	MD2839	0	L			PGT	5	1
MD28	39	40	MD2840	0	L			PSL		1
MD28	40	41	MD2841	0.02	0.02			PSL	3	1
MD28	41	42	MD2842	0.11	0.11	0.11		PDZ	50	5
MD28	42	43	MD2843	0.02	0.02			PDZ		2
MD28	43	44	MD2844	0.03	0.03	0.02		PDZ	10	2
MD28	44	45	MD2845	0.03	0.03	0.02		PDZ		1
MD28	45	46	MD2846	0.02	0.02	0.02		PDZ	5	1
MD29	0	1	MD2901	0	L			PPHM		
MD29	1	2	MD2902	0	L			PPHM		
MD29	2	3	MD2903	0	L			PPHM		
MD29	3	4	MD2904	0	L			PSL		
MD29	4	5	MD2905	0.04	0.04	0.04		PSL		

MD29	5	6	MD2906	0.02	0.02			PSL		
MD29	6	7	MD2907	0	L			PPHM		
MD29	7	8	MD2908	0	L			PSL		
MD29	8	9	MD2909	0	L			PPHM		
MD29	9	10	MD2910	0	L			PPHM		
MD29	10	11	MD2911	0	L			PPHM		
MD29	11	12	MD2912	0.01	0.01			PSL		
MD29	12	13	MD2913	0	L			PSL		
MD29	13	14	MD2914	0	L			PSL		
MD29	14	15	MD2915	0	L			PPHM		
MD29	15	16	MD2916	0.02	0.02			PPHM		
MD29	16	17	MD2917	0	L			PSL		
MD29	17	18	MD2918	0	L			PSL		
MD29	18	19	MD2919	0.03	0.03	0.03		PPHM		
MD29	19	20	MD2920	0	L			PPHM		
MD29	20	21	MD2921	0	L			PPHM		
MD29	21	22	MD2922	0	L			PPHM		
MD29	22	23	MD2923	0	L			PPHM		
MD29	23	24	MD2924	0	L			PSL		
MD29	24	25	MD2925	0	L			PSL		
MD29	25	26	MD2926	0.01	0.01			PSL		
MD29	26	27	MD2927	0	L			PSL		
MD29	27	28	MD2928	0	L			PSL		
MD29	28	29	MD2929	0	L			PSL		
MD29	29	30	MD2930	0.03	0.03			PSL		
MD29	30	31	MD2931	0.02	0.02			PSL		
MD29	31	32	MD2932	0.2	0.19	0.2		PSL		1
MD29	32	33	MD2933	0.01	0.01			PSL		
MD29	33	34	MD2934	0.03	0.03			PSL		
MD29	34	35	MD2935	0.03	0.03			PSL		1
MD29	35	36	MD2936	0	L			PSL	1	5
MD29	36	37	MD2937	0	L			PSL		2
MD29	37	38	MD2938	0.04	0.04	0.04		PSL	10	2
MD29	38	39	MD2939	0	L			PSL	15	2
MD29	39	40	MD2940	0.01	0.01			PSL	1	
MD29	40	41	MD2941	0	L			PSL		

MD29	41	42	MD2942	0.01	0.01			PSL	1	
MD29	42	43	MD2943	0.01	0.01			PSL		
MD29	43	44	MD2944	0	L			PSL		1
MD29	44	45	MD2945	0	L			PSL		1
MD29	45	46	MD2946	0.01	0.01			PSL		
MD30	0	1	MD3001	0	L	L		PPHM		
MD30	1	2	MD3002	0	L			PPHM		
MD30	2	3	MD3003	0	L			PPHM		
MD30	3	4	MD3004	0	L			PPHM		
MD30	4	5	MD3005	0	L			PPHM		
MD30	5	6	MD3006	0	L			PPHM		
MD30	6	7	MD3007	0.03	0.03			PPHM		
MD30	7	8	MD3008	0.11	0.12	0.09		PPHM		
MD30	8	9	MD3009	0.22	0.22	0.21		PPHM	1	
MD30	9	10	MD3010	0.75	0.7	0.79		PPHM		
MD30	10	11	MD3011	0.06	0.06			PSL		
MD30	11	12	MD3012	0.37	0.37			PSL		
MD30	12	13	MD3013	1.19	1.19	1.19		PPHM		
MD30	13	14	MD3014	0.94	0.93	0.94		PPHM		
MD30	14	15	MD3015	0.81	0.81	0.82		PPHM		
MD30	15	16	MD3016	0.09	0.09			PPHM	1	
MD30	16	17	MD3017	0.12	0.12			PPHM		
MD30	17	18	MD3018	0.02	0.02			PPHM		
MD30	18	19	MD3019	0	L			PGT		
MD30	19	20	MD3020	0	L	L		PGT		
MD30	20	21	MD3021	0	L			PGT		
MD30	21	22	MD3022	0.09	0.09			PPHM		
MD30	22	23	MD3023	0.08	0.08			PPHM		
MD30	23	24	MD3024	0.29	0.27	0.3		PSL		
MD30	24	25	MD3025	0.11	0.13	0.08		PSL		
MD30	25	26	MD3026	0	L			PSL		
MD30	26	27	MD3027	0	L			PSL		
MD30	27	28	MD3028	0	L			PDZ		
MD30	28	29	MD3029	0	L			PDZ		1
MD30	29	30	MD3030	0	L			PDZ	80	1
MD30	30	31	MD3031	0	L			PDZ		

MD31	0	1	MD3101	0	L			CLA		
MD31	1	2	MD3102	0.06	0.05	0.07		PPHM		
MD31	2	3	MD3103	0.01	L	0.02		PPHM	10	
MD31	3	4	MD3104	0	L			PPHM		
MD31	4	5	MD3105	0	L			PPHM		
MD31	5	6	MD3106	0	L			PPHM		
MD31	6	7	MD3107	0.03	0.03			PPHM		
MD31	7	8	MD3108	0	L			PPHM		
MD31	8	9	MD3109	0	L			PPHM		
MD31	9	10	MD3110	0	L			PPHM		
MD31	10	11	MD3111	0	L			PPHM		
MD31	11	12	MD3112	0	L			PPHM		
MD31	12	13	MD3113	0	L	L		PDZ		
MD31	13	14	MD3114	0.01	0.02	L		PDZ		
MD31	14	15	MD3115	0	L			PDZ		
MD32	0	1	MD3201	0.44	0.44	0.44		CLA	50	
MD32	1	2	MD3202	0.09	0.1	0.08		CLA	50	
MD32	2	3	MD3203	0.02	0.02			CLA	30	
MD32	3	4	MD3204	0	L			PGT	5	
MD32	4	5	MD3205	0.02	0.01	0.02		PGT		
MD32	5	6	MD3206	0.02	0.02			PGT		
MD32	6	7	MD3207	0.02	0.02			PGT		
MD32	7	8	MD3208	0.05	0.05			PSL	15	
MD32	8	9	MD3209	0.02	0.02			PPHM	10	
MD32	9	10	MD3210	0.01	0.01			PPHM	10	
MD32	10	11	MD3211	0.03	0.03			PSL	40	
MD32	11	12	MD3212	0.03	0.03			PGT	30	
MD32	12	13	MD3213	0.04	0.04			PGT		
MD32	13	14	MD3214	0.01	0.01			PPHM	20	
MD32	14	15	MD3215	0.07	0.07	0.07		PPHM	60	
MD32	15	16	MD3216	0.05	0.05	0.04		PGT	1	
MD32	16	17	MD3217	0.07	0.07			PSL	10	
MD32	17	18	MD3218	0.05	0.05			PSL	80	3
MD32	18	19	MD3219	0.02	0.02			PGT	5	1
MD32	19	20	MD3220	0.05	0.05			PGT	15	3
MD32	20	21	MD3221	0.08	0.1	0.06		PGT	8	2

MD32	21	22	MD3222	0.04	0.04			PGT	8	1
MD32	22	23	MD3223	0	L			PDZ		1
MD32	23	24	MD3224	0.07	0.07			PDZ	10	2
MD32	24	25	MD3225	0.06	0.06			PDZ	50	5
MD32	25	26	MD3226	0.04	0.04			PDZ	1	2
MD32	26	27	MD3227	0.02	0.02			PDZ	10	5
MD32	27	28	MD3228	0.03	0.03			PDZ	5	2
MD32	28	29	MD3229	0.03	0.03			PDZ	8	2
MD32	29	30	MD3230	0.05	0.04	0.05		PDZ	5	2
MD32	30	31	MD3231	0.04	0.04			PDZ	3	1
MD32	31	32	MD3232	0.03	0.03			PDZ	3	1
MD32	32	33	MD3233	0.06	0.06	0.05		PDZ	8	2
MD32	33	34	MD3234	0.02	0.02			PDZ	10	3
MD32	34	35	MD3235	0.02	0.02			PDZ	15	1
MD32	35	36	MD3236	0.05	0.05			PDZ	15	3
MD32	36	37	MD3237	0.02	0.02			PDZ	1	1
MD32	37	38	MD3238	0.03	0.03			PDZ	1	1
MD32	38	39	MD3239	0.02	0.02			PDZ	1	2
MD32	39	40	MD3240	0.04	0.04			PDZ	1	1
MD33	0	1	MD3301	0.02	0.02			CLA		
MD33	1	2	MD3302	0	L			CLA		
MD33	2	3	MD3303	0.01	0.01			CLA	1	
MD33	3	4	MD3304	0.01	0.01	0.01		PSL		
MD33	4	5	MD3305	0.01	0.01			PPHM		
MD33	5	6	MD3306	0.01	0.01			PPHM		
MD33	6	7	MD3307	0.01	0.01			PSL		
MD33	7	8	MD3308	0.02	0.02			PSL		
MD33	8	9	MD3309	0.07	0.07			PPHM		
MD33	9	10	MD3310	0.02	0.02			PSL		
MD33	10	11	MD3311	0.01	0.01			PSL		
MD33	11	12	MD3312	0.05	0.05			PPHM		
MD33	12	13	MD3313	0.08	0.08			PSL	1	
MD33	13	14	MD3314	0.07	0.06	0.07		PSL	5	
MD33	14	15	MD3315	0.02	0.02			PPHM		
MD33	15	16	MD3316	0.03	0.03			PSL		
MD33	16	17	MD3317	0.04	0.04			PPHM		

MD33	17	18	MD3318	0.11	0.11	0.11		PPHM		
MD33	18	19	MD3319	0.06	0.06			PPHM		
MD33	19	20	MD3320	0.07	0.07			PPHM		
MD33	20	21	MD3321	0.05	0.05			PGT		
MD33	21	22	MD3322	0.21	0.21	0.21		PGT		
MD33	22	23	MD3323	0.17	0.17			PGT		
MD33	23	24	MD3324	0.02	0.02			PGT		
MD33	24	25	MD3325	0.04	0.04			PPHM		
MD33	25	26	MD3326	0.01	0.01			PPHM		
MD33	26	27	MD3327	0.01	0.01			PPHM		
MD33	27	28	MD3328	0.12	0.13	0.11		PGT		
MD33	28	29	MD3329	0	L			PSL		
MD33	29	30	MD3330	0	L			PGT		
MD33	30	31	MD3331	0	L			PSL		
MD33	31	32	MD3332	0.01	0.01			PSL		
MD33	32	33	MD3333	0.02	0.02			PSL		
MD33	33	34	MD3334	0	L			PSL		
MD33	34	35	MD3335	0	L			PSL		
MD33	35	36	MD3336	0.01	0.01			PSL		
MD33	36	37	MD3337	0	L			PSL		
MD33	37	38	MD3338	0	L	L		PSL		
MD33	38	39	MD3339	0.01	0.01			PSL		
MD33	39	40	MD3340	0	L			PSL		
MD34	0	1	MD3401	0	L			CLA		
MD34	1	2	MD3402	0	L			PSL		
MD34	2	3	MD3403	0	L			PSL		
MD34	3	4	MD3404	0.01	0.01			PSL		
MD34	4	5	MD3405	0.01	0.01			CLA		
MD34	5	6	MD3406	0.01	0.01			PSL		
MD34	6	7	MD3407	0	L			PPHM		
MD34	7	8	MD3408	0	L	L		PPHM		
MD34	8	9	MD3409	0	L			PSL		
MD34	9	10	MD3410	0	L			PSL	1	
MD34	10	11	MD3411	0	L			PPHM	1	
MD34	11	12	MD3412	0	L			PPHM	1	
MD34	12	13	MD3413	0	L			PPHM		

MD34	13	14	MD3414	0	L			PPHM		
MD34	14	15	MD3415	0	L			PPHM		
MD34	15	16	MD3416	0	L			PPHM		
MD34	16	17	MD3417	0	L			PPHM	1	
MD34	17	18	MD3418	0	L			PPHM		
MD34	18	19	MD3419	0	L			PPHM		
MD34	19	20	MD3420	0	L	L		PPHM		
MD34	20	21	MD3421	0	L			PGT		
MD34	21	22	MD3422	0	L			PGT		
MD34	22	23	MD3423	0	L			PPHM		
MD34	23	24	MD3424	0	L			PGT		
MD34	24	25	MD3425	0	L			PGT		
MD34	25	26	MD3426	0	L			PGT		
MD34	26	27	MD3427	0	L			PGT		
MD34	27	28	MD3428	0	L			PGT		
MD34	28	29	MD3429	0	L			PGT		
MD34	29	30	MD3430	0.01	0.01			PGT		
MD34	30	31	MD3431	0	L			PGT		
MD34	31	32	MD3432	0	L			PGT		
MD34	32	33	MD3433	0	L			PGT	5	
MD34	33	34	MD3434	0	L			PGT		
MD34	34	35	MD3435	0	L			PGT		
MD34	35	36	MD3436	0	L			PGT		
MD34	36	37	MD3437	0	L			PGT		
MD34	37	38	MD3438	0	L			PGT		
MD34	38	39	MD3439	0	L			PGT		
MD34	39	40	MD3440	0	L			PGT		
MD35	0	1	MD3501	0	L			CLA		
MD35	1	2	MD3502	0	L			PSL		1
MD35	2	3	MD3503	0	L	L		PSL		
MD35	3	4	MD3504	0	L			PPHM		
MD35	4	5	MD3505	0	L			PPHM		
MD35	5	6	MD3506	0	L			PPHM		
MD35	6	7	MD3507	0	L			PSL		
MD35	7	8	MD3508	0	L			PSL	5	
MD35	8	9	MD3509	0	L			PSL		

MD35	9	10	MD3510	0.03	0.03	0.03		PSL		
MD35	10	11	MD3511	0.05	0.05	0.05		PSL		
MD35	11	12	MD3512	0	L			PSL		1
MD35	12	13	MD3513	0	L			PSL	5	
MD35	13	14	MD3514	0	L	L		PSL	25	
MD35	14	15	MD3515	0.02	0.02			PPHM		
MD35	15	16	MD3516	0	L			PPHM		
MD35	16	17	MD3517	0	L			PPHM	5	
MD35	17	18	MD3518	0.01	0.01			PPHM		
MD35	18	19	MD3519	0	L			PGT		
MD35	19	20	MD3520	0	L	L		PGT		
MD35	20	21	MD3521	0	L			PGT		
MD35	21	22	MD3522	0	L			PSL		
MD35	22	23	MD3523	0	L			PSL		
MD35	23	24	MD3524	0	L			PSL		
MD35	24	25	MD3525	0	L			PGT		
MD35	25	26	MD3526	0	L	L		PGT		
MD35	26	27	MD3527	0	L			PGT		
MD35	27	28	MD3528	0	L			PSL		
MD35	28	29	MD3529	0	L			PSL		
MD35	29	30	MD3530	0	L			PSL		
MD35	30	31	MD3531	0	L			PSL		
MD35	31	32	MD3532	0	L			PSL		
MD35	32	33	MD3533	0	L			PGT		
MD35	33	34	MD3534	0	L			PGT		
MD35	34	35	MD3535	0	L	L		PGT		
MD35	35	36	MD3536	0	L			PGT		
MD35	36	37	MD3537	0	L			PGT		
MD35	37	38	MD3538	0	L			PGT		
MD35	38	39	MD3539	0	L			PGT		
MD35	39	40	MD3540	0	L			PGT		
MD36	0	1	MD3601	0	I			CLA		
MD36	1	2	MD3602	0	I			CLA		
MD36	2	3	MD3603	0.01	0.01	0.01		CLA		
MD36	3	4	MD3604	0.01	0.01			PPHM		
MD36	4	5	MD3605	0.02	0.02			PGT	3	

MD36	5	6	MD3606	0	L			PPHM		
MD36	6	7	MD3607	0	L			PGT		
MD36	7	8	MD3608	0.01	0.01			PPHM		
MD36	8	9	MD3609	0.01	0.01			PPHM	1	
MD36	9	10	MD3610	0	L			PGT		
MD36	10	11	MD3611	0.01	0.01			PGT	1	
MD36	11	12	MD3612	0	L			PGT	5	
MD36	12	13	MD3613	0	L			PGT		
MD36	13	14	MD3614	0	L			PGT		
MD36	14	15	MD3615	0.01	0.01			PPHM		
MD36	15	16	MD3616	0.01	0.01			PPHM	1	
MD36	16	17	MD3617	0.02	0.02			PPHM	90	
MD36	17	18	MD3618	0	L			PPHM		
MD36	18	19	MD3619	0.01	0.01	0.01		PDZ	1	
MD36	19	20	MD3620	0	L			PDZ		
MD36	20	21	MD3621	0.01	0.01			PGT	1	
MD36	21	22	MD3622	0.01	L	0.01		PGT		
MD36	22	23	MD3623	0.01	0.01			PGT		
MD36	23	24	MD3624	0	L			PSL		
MD36	24	25	MD3625	0.01	0.01			PSL		
MD36	25	26	MD3626	0	L			PSL	10	1
MD36	26	27	MD3627	0.01	0.01			PSL	1	
MD36	27	28	MD3628	0.01	0.01			PSL		
MD36	28	29	MD3629	0	L			PSL	5	1
MD36	29	30	MD3630	0.01	0.01			PSL		1
MD36	30	31	MD3631	0.01	0.01			PSL		
MD36	31	32	MD3632	0	L			PSL	1	
MD36	32	33	MD3633	0.15	0.16	0.14		PGT	5	1
MD36	33	34	MD3634	0.03	0.03			PGT		
MD36	34	35	MD3635	0.01	0.01			PGT		
MD36	35	36	MD3636	0.01	0.01			PGT		
MD36	36	37	MD3637	0.03	0.03	0.02		PGT	15	
MD36	37	38	MD3638	0	L			PGT		1
MD36	38	39	MD3639	0	L			PGT		1
MD36	39	40	MD3640	0.01	0.01			PGT		1
MD36	40	41	MD3641	0.01	0.01			PGT		

MD36	41	42	MD3642	0.01	0.01			PGT		
MD36	42	43	MD3643	0.01	0.01			PSL		
MD36	43	44	MD3644	0.02	0.02			PSL		
MD36	44	45	MD3645	0.01	0.01	0.01		PSL		
MD36	45	46	MD3646	0	L			PSL	15	1
MD36	46	47	MD3647	0.01	0.01			PSL	15	
MD36	47	48	MD3648	0.02	0.02			PSL	5	1
MD36	48	49	MD3649	0	L			PGT		
MD36	49	50	MD3650	0	L			PGT		
MD36	50	51	MD3651	0.01	0.01			PSL	10	
MD36	51	52	MD3652	0.01	0.01	0.01		PDZ	15	3
MD36	52	53	MD3653	0	L			PDZ	5	1
MD36	53	54	MD3654	0.02	0.02			PDZ	50	1
MD36	54	55	MD3655	0.03	0.03			PDZ	50	5
MD36	55	56	MD3656	0.06	0.06			PDZ	50	2
MD36	56	57	MD3657	0.01	0.01			PDZ	30	1
MD36	57	58	MD3658	0.02	0.02			PDZ	15	1
MD36	58	59	MD3659	0.02	0.02			PDZ	70	5
MD36	59	60	MD3660	0.04	0.04			PDZ	30	3
MD36	60	61	MD3661	0.03	0.02	0.03		PDZ	20	1
MD36	61	62	MD3662	0	L			PDZ	30	2
MD36	62	63	MD3663	0.03	0.03	0.03		PDZ	10	1
MD36	63	64	MD3664	0.05	0.06	0.04		PDZ	10	