REPORT OF 1999 FIELD WORK

on the

CASE RARE-METALS PEGMATITE

Steele Township
Larder Lake Mining Division
Ontario, Canada

Joseph D. Horne
February 26th, 2000

TABLE OF CONTENTS

TABLE OF CONTENTS (continued)

1.0 INTRODUCTION

1.1 SCOPE

This Report documents exploration work which was conducted during 1999 on the Case Pegmatite under the direction of the author (who is also a beneficial owner of the subject property). It also describes a small component of grass-roots prospecting which was performed on peripheral unstaked, Crown land.

The program was financed with assistance from **The Ontario Prospectors Assistance Program** (OPAP File # OP99-510) for which the author is indebted. The work program substantially echoes the original **Work Proposal** (dated May 07th, 1999) which accompanied the **Application for Funding**.

This Report is to accompany the OPAP **Final Submission Form** in partial satisfaction of the requirements for final approval of OPAP Funding & will also be submitted for Assessment Work credit.

1.2 TARGET COMMODITIES

The exploration campaign was specifically targeted at complex-type, rare-metal, granitic pegmatites at/near the contact of the Case Batholith. This type of pegmatite represents the paramount exploration target for both cesium (pollucite) and economically significant tantalum oxide minerals (wodginite, tapiolite, microlite, etc.). Industrial minerals commonly associated with this deposit type also include spodumene, rubidium feldspar, muscovite and specialty silica, all of which represent ancillary targets/potential by-products.

1.3 PROJECT RATIONALE

The original proposal was justified by the following three factors:

Attractive Commodity With depressed/stagnant market conditions for traditional metals, exploration companies are currently searching for alternatives to capture & maintain investor interest. Rare-metals fit this bill - they're fresh, exciting and in vogue. Current market demand is reflected in high current prices (ie US $6,000/barrel for Cesium Formate Drilling Fluid of which pollucite is the major component). And while the present markets are strong, the future outlook is even better. Rare-metals are often referred to as 'metals of the future'. They're benign to extract and process, are environmentally friendly and have ever-increasing importance in our high-tech world.

Cardinal Exploration Services Suite # 3 - 12 Government Road West, Kirkland Lake, Ontario P2N 2E2 PH 705 567 4511 FX 705 567 4522

Classic Regional Setting The property (and general area) have many of the requisite ingredients to potentially host an entire, previously unidentified, fertile pegmatite field. Many regional-scale factors support this. It has been documented that a spatial relationship exists between fertile, pegmatite fields and subprovincial boundary zones (Opatica-Abitibi boundary). Rare-metal pegmatites are especially abundant where one of the bounding subprovinces is characterized by low to high grade metamorphic transition (Staurolite) and contains abundant clastic metasedimentary (Scapa Metasediments) and derived S-type, peraluminous granite masses (periphery of Case Batholith). The Case Property very clearly meets these criteria.

The clustering nature of these pegmatites is also well documented. The Case Pegmatite may only represent the first of many, not-yet-identified rare-metal bearing complex dikes. The exploration significance of such a find, and the subsequent activity generated, is currently well illustrated by that in the new pegmatite fields of northwestern Ontario.

The existence of numerous pegmatites has already been identified by the OGS mapping of Lumbers/Assistants but, because of the difficulty in identifying pollucite in the field (one of about 30 white minerals and often mistaken for quartz) and due to the fact that it had no economic importance at the time, leads one to wonder how many rare-metal bearing dikes were given a cursory look and passed over. Lumbers also noted muscovite in many dikes which is indicative in a general sense of the evolved mineralogy (as opposed to biotite).

Property-Specific Observations As previously mentioned, pollucite has been documented to occur in samples from the property. This is the only ore mineral of cesium and the fact that this is only the fifth known occurrence of this mineral in Ontario (of only approximately 80 worldwide) attests to the potential economic significance of these known dikes and yet they (and immediate area) have not undergone systematic scrutiny.

Recent work by **Dr Fred W Breaks** (OGS) not only confirmed and verified the enriched cesium aspect of the Case Pegmatites, but perhaps more importantly, observed a nice trend of increasing evolution within the three dikes towards the north. For this reason **Breaks** has specifically recommended exploring the poorly exposed ground to the north. The fractionation is further exhibited in the mineralogical zonation within the dikes.

Various tantalum oxide minerals have been documented on the property within the dikes. **EH Nickels** of the **Mineral Sciences Division (Dept of Mines & Technical Surveys)** readily identified tantalite and microlite. Recent microprobe work by **Tindle/Breaks** also confirmed the microlite and further identified tapiolite. All of theses minerals are ore minerals of tantalum and of economic significance.

Cardinal Exploration Services Suite # 3 - 12 Government Road West, Kirkland Lake, Ontario P2N 2E2 PH 705 567 4511 FX 705 567 4522

2.0 PROPERTY DESCRIPTION, LOCATION AND ACCESS

2.1 PROPERTY / LAND TENURE

The property is comprised of four staked mining claims (12 units) which are recorded 100% in the name of **JD Horne & Associates Ltd** (Client # 303527). Surface Rights are reserved by the Crown and there are no known title encumbrances that would effect further development of the property. Claim Abstracts are presented in Appendix I.

TABLE 1

CLAIM LISTING

Claim #	Units	Due Date
L-1206114	6	July 13, 2001
L-1213780	3	February 28, 2000
L-1214666	2	April 29, 2000
L-1227134	1	September 21, 2000

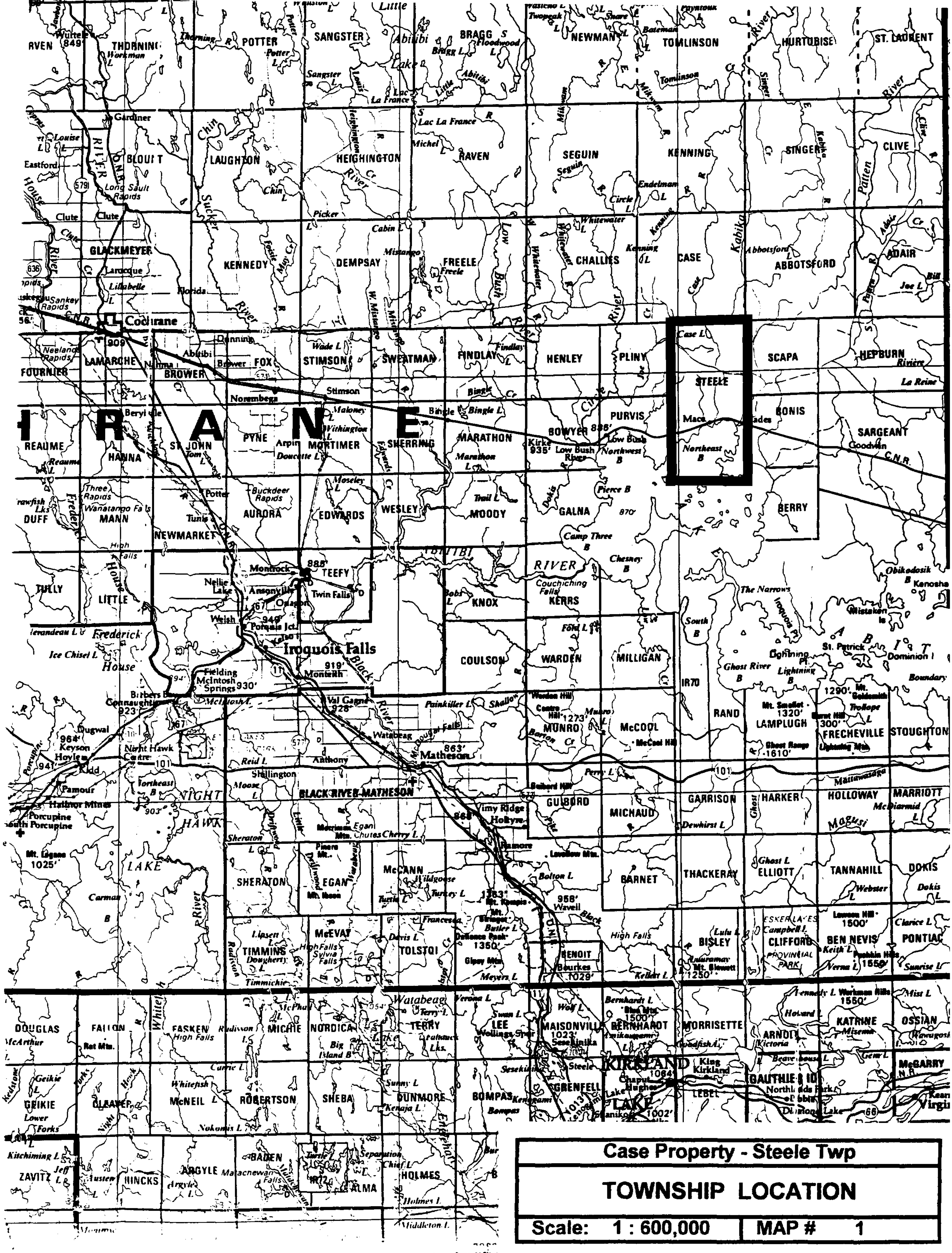
2.2 LOCATION

The property is situated between Little Joe Lake and Case Lake in north-central Steele Twp, about 80 air kilometers east of Cochrane, Ontario. More specifically, the property is centered on what was once the south half of Lot 5, Con V (the Surveyed status of this Township has since been annulled). The property is further referenced in Table 2.

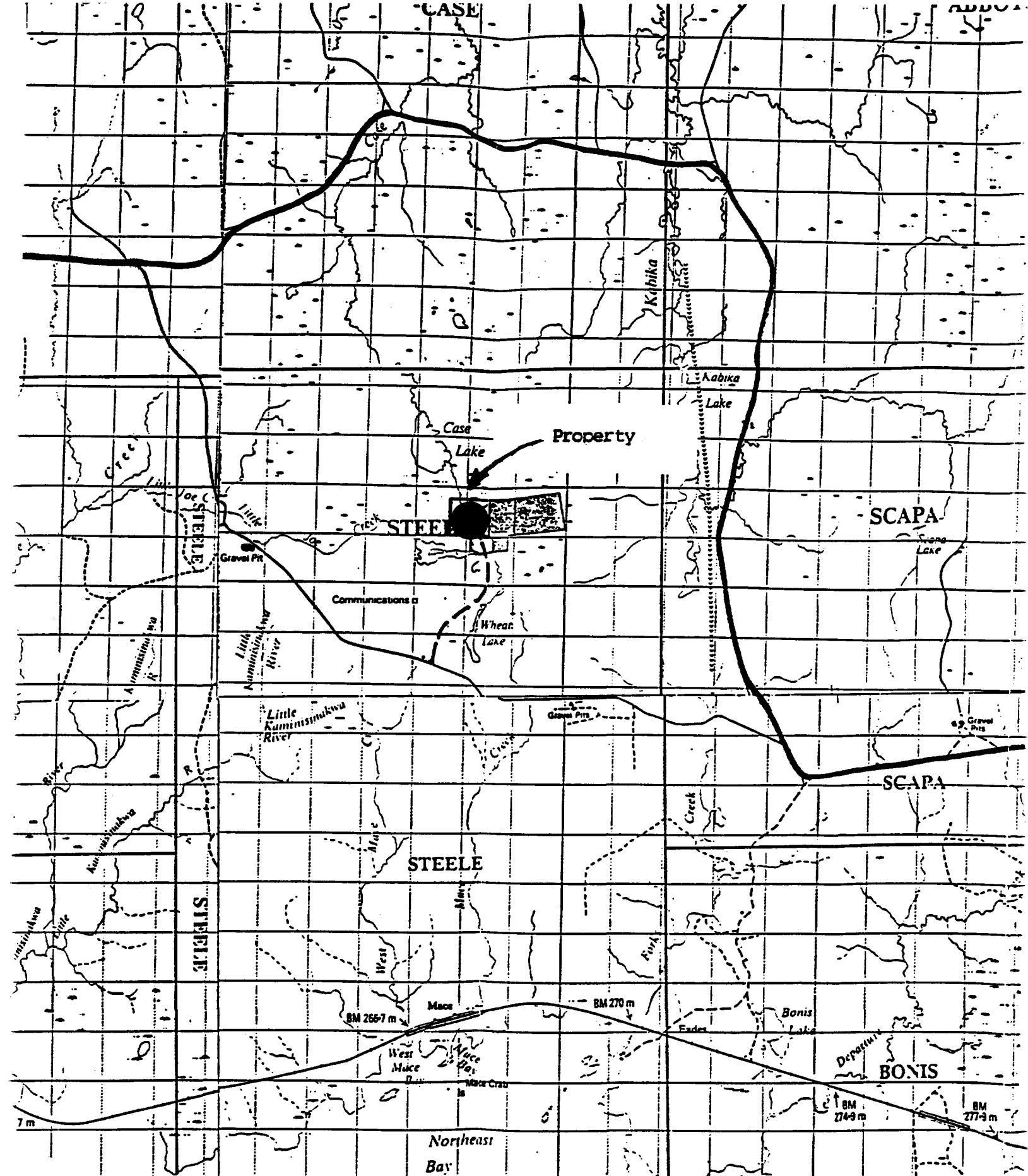
TABLE 2

PROPERTY LOCATION

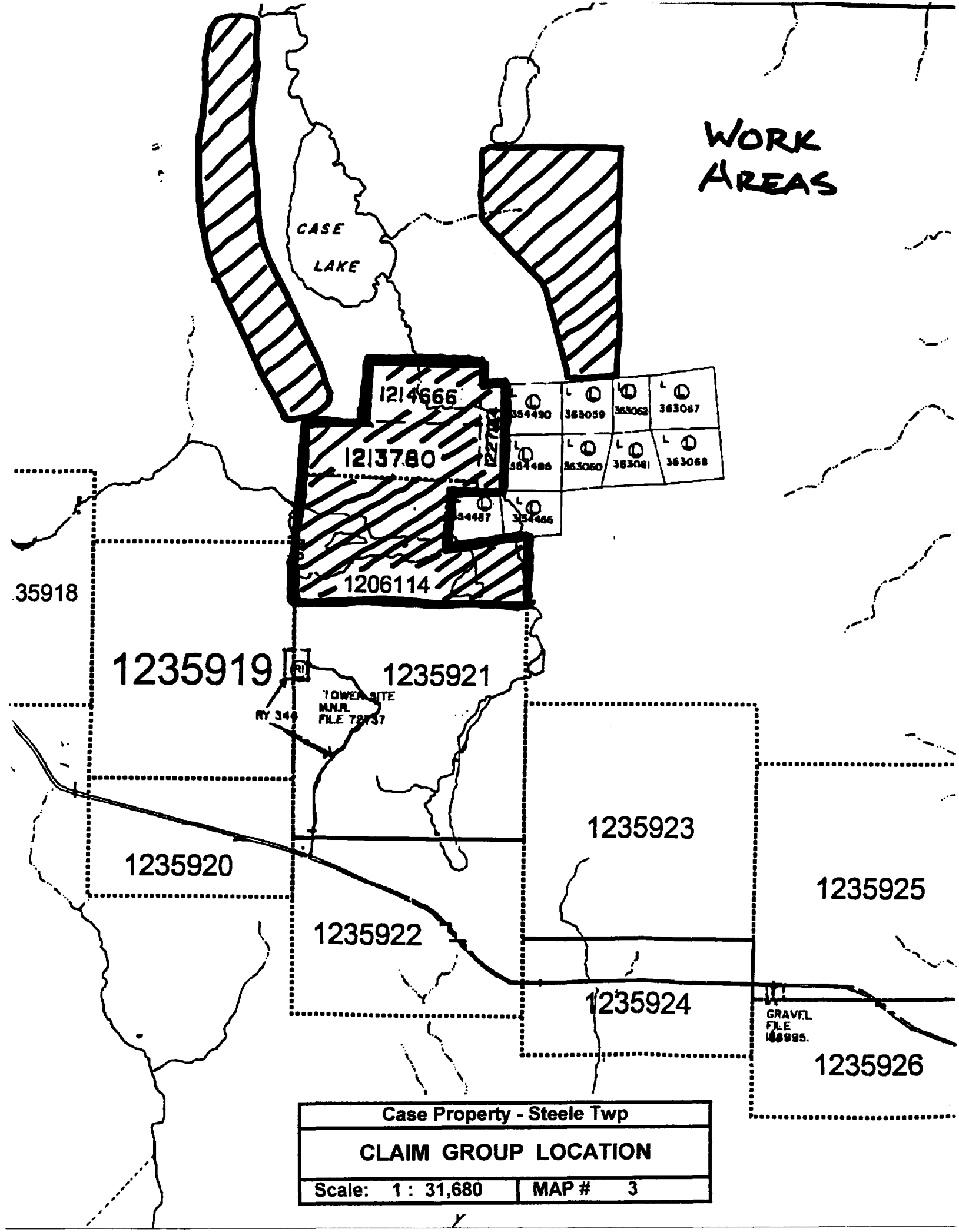
Region / Area	North of Lake Abitibi
NTS Sheet	32 E/4
MNR Administrative District	Cochrane
Mining Division	Larder Lake
Resident Geologists District	Kirkland Lake
Township	Steele
Claim Map Sheet	G-3571
Latitude / Longitude	49° 02' 00" / 79° 55' 44"
UTM Coordinates	578,200 E / 5,431,400 N
MNR Air Photo	61 4902 73 175



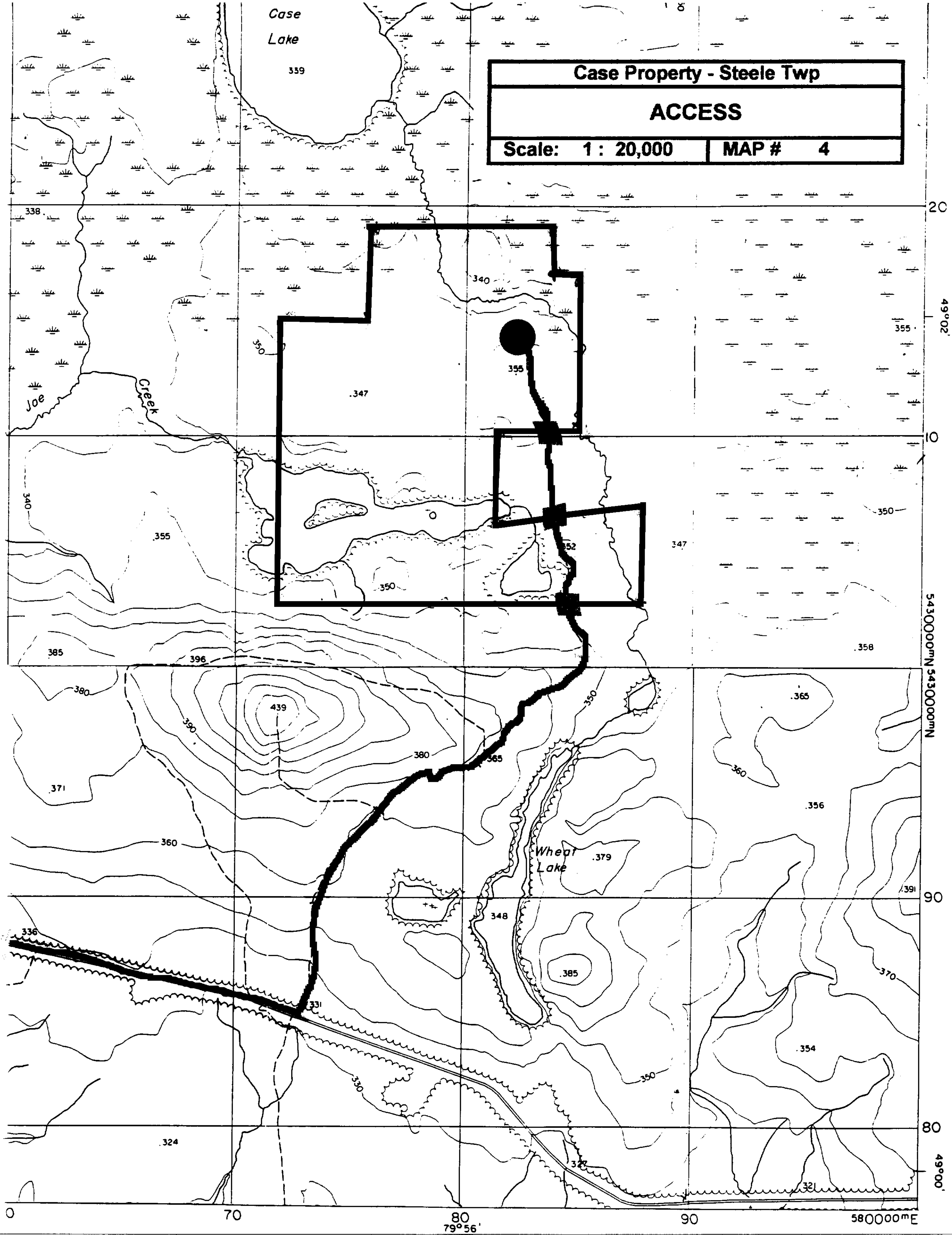
Case Property - Steele Twp	
TOWNSHIP LOCATION	
Scale: 1 : 600,000	MAP # 1



Case Property - Steele Twp	
PROPERTY LOCATION	
Scale: 1 : 100,000	**MAP # 2**



Case Property - Steele Twp	
CLAIM GROUP LOCATION	
Scale: 1 : 31,680	MAP # 3



Case Property - Steele Twp
ACCESS
Scale: 1 : 20,000
MAP # 4
Case Lake
Joe Creek
Wheat Lake
5430000mN
580000mE
49°02'
49°00'
79°56'
20
10
90
80
0
70
80
90
339
338
340
347
355
352
350
385
396
380
439
390
365
360
371
336
331
330
324
327
321
348
379
385
356
354
391
370
358

2.3 ACCESS

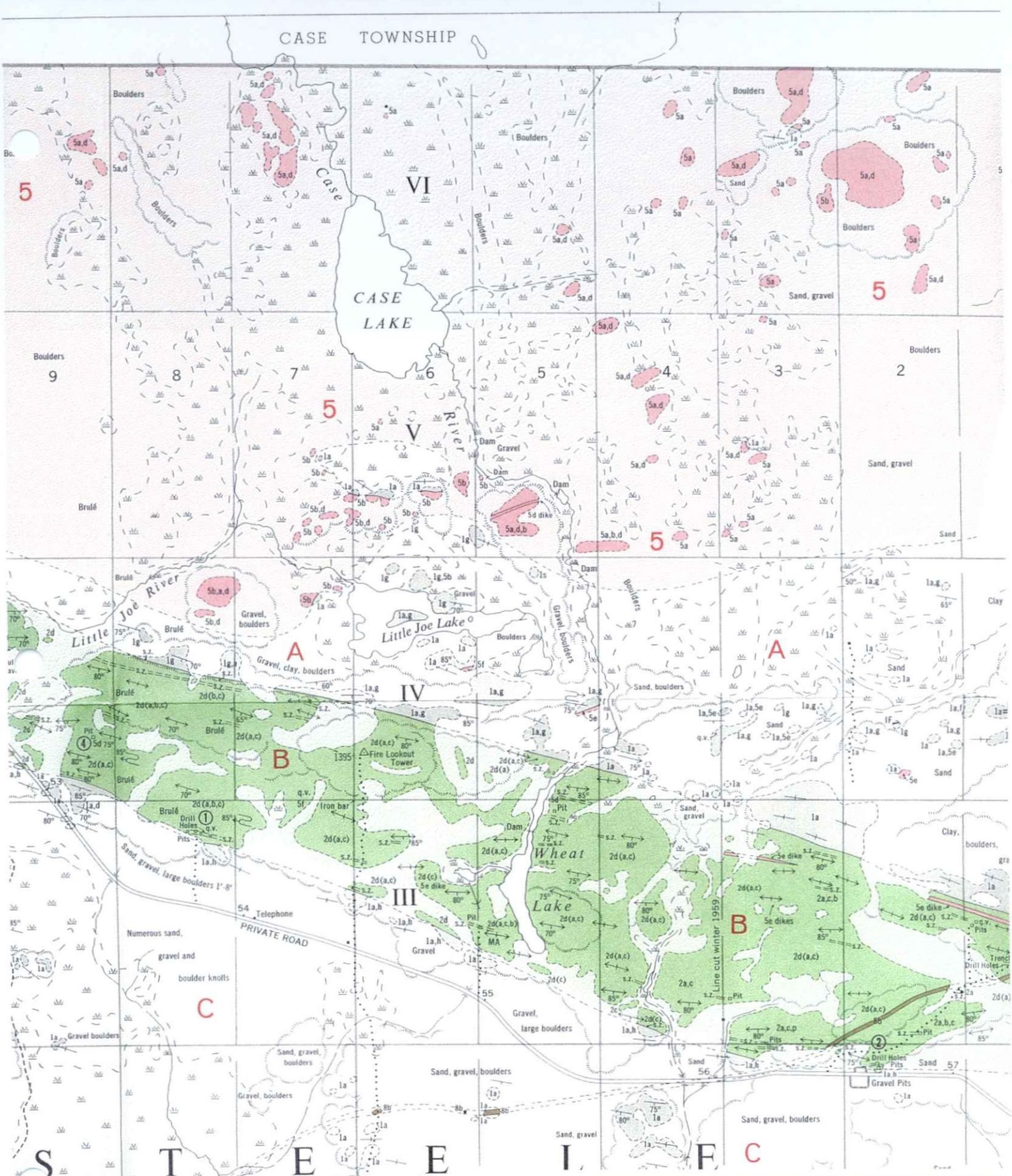
Regional road access is readily attained via the 'Abitibi Trans-Limit Road' (south branch) which is a major east-west route between Cochrane and the Quebec provincial border. This graveled road is well-maintained and passes south of the property at a point approximately 95 kilometers from Cochrane. From the Trans-Limit road, rough-vehicle access is made directly on to the property via 3.5 kilometers of unmaintained, bush road which winds north-northeasterly around Fire Tower Hill and the east side of Little Joe Lake.

3.0 REGIONAL GEOLOGY

Geological mapping of the area was conducted by **S Lumbers** in 1959, and subsequently published in 1962 as Geological Report No. 8, accompanied by map 2018. In 1978 **GW Johns** compiled the data for the Burntbush Lake-Detour Lake Area (South Part), which includes Steele Township, and his map P.2243 was released in 1979.

The claims straddle the contact between the Case Batholith to the north and the Scapa Metasediments to the south. Whether the batholith, which has a mapped plus inferred extent in excess of 5000 square kilometers, represents a single intrusion or a series of intrusions is not known. It is mainly a quartz monzonite, but near its contacts, as in the vicinity of the claims, it grades to a granodiorite.

A wedge of metasediments, termed the Scapa Metasediments, cross Steele Township along the southern contact of the batholith. They vary in thickness from 0.5 km on the west to greater than 5 kms on the east.



Case Property - Steele Twp	
REGIONAL GEOLOGY	
Scale: 1 : 31,680	MAP # 5

LEGEND

CENOZOIC*

RECENT

Peat, beach deposits, river deposits.

PLEISTOCENE

Varved clay, boulder clay, silt, sand, pebble gravel, boulder gravel.

UNCONFORMITY

PRECAMBRIAN**

LATE BASIC INTRUSIONS

Late diabase

8 — *8a Olivine diabase.*
8b Diabase.

Early diabase

7 — *7a Quartz diabase.*

INTRUSIVE CONTACT

ACID INTRUSIONS

Scapa stock***

6 6 — *6a Pink granite.*

Case batholith***

5 5 — *5a Leucocratic quartz monzonite.*
5b Granodiorite.
5d Pegmatite and aplite.
5e Feldspar porphyry and quartz-feldspar porphyry.
5f Felsite.

Sargeant batholith***

4 4 — *4a Quartz monzonite.*
4b Granodiorite.
4c Quartz diorite.
4d Hornblende and pyroxene diorite.
4e Feldspar porphyry and quartz-feldspar porphyry.
4g Lamprophyre.
4h Hybrid rocks.
4j Pegmatite and aplite.

INTRUSIVE CONTACT

ULTRABASIC AND BASIC INTRUSIONS

3 — *3a Serpentinite and uralitized pyroxenite.*

3 — *3b Amphibolite.*
3c Diorite.

INTRUSIVE CONTACT

METAVOLCANIC-METASEDIMENT ASSEMBLAGE

D — Bonis volcanics

FAULT(?)

C — Steele metasediments.

B — Steele volcanics.

A — Scapa metasediments.

VOLCANIC DIVISIONS OF THE ASSEMBLAGE

2 — *2a Intermediate to basic lava.*
2b Pillow lava.
2d Amphibolite, amphibole schist. Original rock type in brackets.
2g Diabasic lava.
2p Porphyrytic basalt.
2t Flow breccia or tuff.

2 — *2e Acid volcanics. Includes rocks of indefinite origin.*

METASEDIMENT DIVISIONS OF THE ASSEMBLAGE

1 — *1a Metamorphosed greywacke. Includes interbedded calc-silicate rocks.*
1g Garnet schist.
1h Hornblende-plagioclase schist.
1s Staurolite schist.

IF — *Iron formation.*

Case Property - Steele Twp

GEOLOGICAL LEGEND

TABLE # 3

4.0 PREVIOUS EXPLORATION

Previous work in the claim area dates back to the early 1960's shortly after the dike's discovery by OGS mapping. This early work, continuing sporadically until the mid-1970's, consisting primarily of trenching, stripping, mapping and sampling the dikes. However, all this work was directed towards industrial minerals (viz feldspar, quartz, spodumene and mica) and proved uneconomic at the time.

Subsequently, the property was staked/allowed to lapse several times during the past decade with minor work being recorded. While it was the original work that identified some of the rarer minerals, ironically, it has only been the more recent efforts that have been directed towards considering them for their economic potential.

In an early report to **Canadian Johns-Mansville**, the **Canadian Department of Mines and Technical Surveys (Mineral Sciences Division)** identified pollucite in samples from the property. This is only the fifth documented occurrence of this mineral in Ontario.

A chronology of previously-filed Assessment Work is recorded in Table 4 and a spatial reference is provided in Appendix II.

TABLE 4

CHRONOLOGY OF PREVIOUS ASSESSMENT WORK

Kirkland Lake File No	Assessment Conducted By	Approx. Date of Work	General Work Description
within 644	Canadian Johns-Manville	1962-63	Prospecting; Sample/Mineral Analysis
2653	Tesluk, J	1968	Trenching; Stripping
644	Darby, L	1968-1974	Roadwork; Trenching; Stripping; Mapping; 1 DDH (101'); Metallurgical Testwork
668	Dex Ltd	1974-1976	Stripping; Claim Survey
3059 & 3240	Burns, J	1991	Prospecting; Mapping; Mag; Rock Samples; Mineral Geochemistry
4462	O'Reilly, DG	1998	Prospecting; Mineral Geochemistry

While not filed for Assessment Work, the dikes have recently caught the attention of **Dr Fred Break** (OGS) and he, in collaboration with **Andrew Tindle**, have performed some mineral geochemistry analysis and microprobe identification in regards to rare-metals. The results from this preliminary work has proved most encouraging.

5.0 1999 FIELD PROGRAM

5.1 GENERAL & LOGISTICS

5.1.1 Research & Database Compilation

Numerous unclaimed / unreferenced days were spent conducting research and compiling the requisite data in preparation for field activities. A sampling follows:

- the ordering/copying/collection of numerous property-specific maps, air photos & reports as well as regional data
- the acquisition of the original Mining Lease Surveys (which were subsequently balanced/closed for error and utilized as a framework for the generation of a digital base map)
- stereoscopic air photo interpretation
- research on exploration strategies for rare-metal pegmatites, etc

5.1.2 Lodging & Transportation

The property is readily accessible by truck (as the author often parked on the Main Dike). It is, however, fairly distant from Kirkland Lake so daily travel from Kirkland Lake was minimized. The field-distance components between Kirkland Lake and the Case Pegmatite are recorded in Table 5. The last 2.3 kms were best serviced with rough-vehicle as the bush has encroached along the roadside. This rough section of travel, however, was further reduced by a kilometer in late summer as **Abitibi-Price Inc** commenced road improvements on August 27th, 1999 to facilitate some minor Fall harvesting.

TABLE 5

TRAVEL DISTANCES

FROM	TO	DISTANCE
Kirkland Lake	Abitibi Bridge - Iroquois Falls	102.0 kms
Abitibi Bridge - Iroquois Falls	Cochrane Corners	32.3 kms
Cochrane Corners	Trans-Limit South Branch Fork	40.0 kms
Trans-Limit South Branch Fork	Tower Road (Road 114)	10.5 kms
Tower Road (Road 114)	Case Fork	1.2 kms
Case Fork	Case Pegmatite	2.3 kms
Total Distance - One Way		**188.3 kms**

An arrangement was negotiated with the proprietor of the **Oasis Park Motel & Restaurant** (located outside of Iroquois Falls) to acquire a block of non-consecutive nights at a very attractive day-rate. This arrangement proved quite beneficial as:

- the room was also available, at no additional cost, for storage between active usage,
- the arrangement allowed reserved usage until well after the field season,
- no costs were incurred while not working on the project (vs lodging at a local outfitters for a month or two),
- the overall rate was cheaper than establishing a bush camp with requisite amenities, and
- there were no concerns with leaving a bush camp unattended for any duration (as other priorities might dictate).

5.1.3 Personnel & Contractors

TABLE 6

PERSONNEL

Personnel	Address	Days Worked
Joseph Horne	Kirkland Lake, ON	47
Darlene Horne	Kirkland Lake, ON	7
Doug Robinson, P Eng	Swastika, ON	4
Brian Madill	Kirkland Lake, ON	2

TABLE 7

CONTRACTORS

Contractor	Address	Contract Type
Oasis Park Motel & Restaurant	Iroquois Falls	Lodging
Graham & David Robinson	Swastika, ON	Line Cutting
Rick Yost Drilling	Kirkland Lake, ON	Mechanized Stripping & Pump/Hose Rental
Eric Marion	Kirkland, Lake, ON	Plugger Rental
Chemex Labs Ltd	Mississauga, ON	Sample Analysis
Activation Laboratories Ltd	Ancaster, ON	Sample Analysis

5.1.4 Sample Analysis

Due to the peculiar combination of requisite elements and concentration levels, an off-the-rack analytical package was not available. The samples were therefore submitted with various modifications to standard package suites (with a balance between customization and expense). Different sample batches were sent to both **Chemex Labs Ltd** (Mississauga, ON) and **Activation Laboratories Ltd** (Ancaster, ON). Final Certificates are included in Appendix III.

An arrangement had been made (via **Fred Breaks**) for **Andrew Tindle** of the **Open University (UK)** to conduct microprobe analysis, at no cost, of all tantalum oxides found. Some oxide specimens were collected, however, none have yet been forwarded, as it was deemed more prudent to wait for the assay results which would better facilitate selection.

Representative chips were retained for all but 3 of the submitted samples (which was due to the small sample size) and are currently archived at the office of **Cardinal Exploration Services** (in Kirkland Lake).

5.2 REGIONAL PROSPECTING

Two days of off-grid, conventional prospecting was completed with the able assistance of **Doug Robinson** on October 25 & 27, 1999. Both traverses, a collective 15 kilometers, were on foot as no suitable road, trails or water courses existed along the proposed routes. Traverses and sample locations are illustrated on Map 6 while traverse control waypoints are listed in Table 8.

Field locational control was facilitated by a combination of air photo bases and OBM acetate overlays with the additional support of hand-held GPS units. Prior stereoscopic review of the air photos aided the traverse selection and proved quite successful in locating isolated knolls of outcrop.

A total of 15 samples were collected of which 14 were submitted to **Chemex** for analysis. Grab samples were taken of glacial float, presumed frost heave and from in situ. Compositionally, samples included granitic, metasedimentary and pegmatitic rocks as well as mono-mineralogical samples for characterization studies. Sample locations (UTM NAD 27) are presented Table 9 while Certificates are in Appendix III.

Numerous pegmatite dikelets to 2 meters were located & one larger dike (hosting very coarse spodumene) had paced dimensions in excess of 10m width by 75m in strike length. The sole sample (# 20365) sent for analysis from this dike exceeded the upper detection limits for Li, Rb & Ta and was highly anomalous in Be & Cs.

TABLE 8

TRAVERSE WAYPOINTS (REGIONAL PROSPECTING)

	Traverse 1 - Oct 25, 1999		Traverse 2 - Oct 27, 1999	
Waypoint #	Easting	Northing	Easting	Northing
1	578,500	5,431,375	577,100	5,431,400
2	579,181	5,431,298	577,066	5,431,791
3	579,109	5,431,634	576,986	5,432,343
4	579,093	5,431,733	576,720	5,432,837
5	579,085	5,431,831	576,666	5,433,536
6	579,045	5,431,994	576,546	5,433,658
7	579,046	5,432,147	576,505	5,433,844
8	578,773	5,432,648	576,482	5,434,077
9	578,704	5,432,648	576,541	5,433,769
10	578,425	5,432,912	576,540	5,433,000
11	578,417	5,433,209	576,745	5,432,260
12	578,400	5,433,306	577,066	5,431,791
13	579,095	5,433,411	577,300	5,431,400
14	579,053	5,432,807		
15	579,195	5,431,638		
16	578,500	5,431,375		

TABLE 9

SAMPLE LOCATIONS (REGIONAL PROSPECTING)

Tag #	Sample Type	Rock Type	Easting	Northing
20361	Float	Pegmatitic Rock	579,112	5,431,626
20362	Float	Pegmatitic Rock	579,085	5,431,823
20363	Frost Heave	Pegmatite Dike	579,045	5,431,994
20364	Frost Heave	Pegmatite Dike	579,050	5,431,994
20365	In Situ	Pegmatite Dike	579,046	5,432,147
N/A	In Situ	Spodumene	579,065	5,432,150
20366	Frost Heave	Pegmatite Dikelet	578,752	5,432,669
20367	Frost Heave	Pegmatite Dike	578,694	5,432,661
20368	In Situ	Mica	578,689	5,432,657
20369	In Situ	Pegmatitic Rock	578,394	5,433,312
20370	Angular Float	Pegmatitic Rock	576,546	5,433,658
20371	In Situ	Granitic Host	576,482	5,434,077
20372	Angular Float	Pegmatite Dikelet	576,482	5,434,052
20373	In Situ	Pegmatite Dikelet	576,541	5,433,766
20374	Large Float	Pegmatitic Rock	577,065	5,431,790

5.3 FIELD GRID

A metric, chainsaw-cut, grid was established over the property by the author and contracted line cutters and was comprised of an east-west baseline (1.375kms) and 14 north-south cross-lines (10.126 kms) on 100m centers. Picketed stations were established on 25m centers both along the baseline and on all cross lines.

Four early claims that were centered over the dike were surveyed during the 1970s. The central survey pin for these four claims was located in the field and used as the grid origin (fortuitously near the main work areas). Since remnants of the cut survey lines were still relatively well defined in the field, the central east-west line was used as the baseline on the east portion of the grid (cut pin to pin to pin) and then extended further to the west to the property boundary. During the course of the program, 8 of the 9 original survey pins were located which afforded excellent field control. They also provided several checks on the new chaining (all chained distances between pins closed less than 1 decimeter from the original survey plan distances).

All western cross-lines were then cut south to the shore of Little Joe Lake while the east lines stopped at a survey line that defined the properties southern extent. Eastern lines were cut north to the creek with the exception of Line 0+00 which was extended to the northern limits of the property to serve as a test control line for various surveys.

As much of the grid area provided sparse pickets, it was deemed more efficient to purchase bundles of pre-cut 4' road stakes (nominal 1" x 2" = ¾" x 1 ½"). The top ends were painted with orange spray paint and marked with station location.

The author spent a total of 12 days on grid work which included field location/orientation, baseline cutting, line turning and chaining.

5.4 GRID MAPPING, PROSPECTING & SAMPLING

5.4.1 Physiography

Topography in the western portion of the grid is generally very flat with minor relief restricted to large 'islands' of weather-resistant, rock outcrops who's perimeter traces can be readily identified by air photo. Much of this flat area was harvested of merchantable timber within the last two decades so all that remains is sparse, stunted, second-growth black spruce (with a blanket of Labrador tea). Some minor stands of mature jack pine still remain near the shores of Little Joe Lake.

In the eastern portion, the 3 pegmatite dikes form a mild prominence with a moderate slope to north and a much more gentle, undulating lee slope. This area has more glacial sand/tills and a resultant mixed forest cover.

5.4.2 Lithology

Scapa Sediments The sediments outcrop in the southern portion of the property with the surface trace of its contact with the Case Batholith forming smooth flanks to both the southwest and southeast. At no place was the actual contact observed. While it is unknown which way the contact dips, the sediments dip moderately-steeply southward at 60° to 70°. Bedding may be crude to well defined, and individual beds range from 1-2 cm in thickness.

The unit is fine grained and schistose. Quartz, feldspar and biotite are its main constituents, and garnets are occasionally recognized. Staurolite is common in some beds and is easily identified on the weathered surface as 2 cm diameter knobs. Originally, the rock was probably a graywacke.

Case Granodiorite Granodiorite is the dominant phase of the batholith near its contact. It is grayish-pink in color, massive, medium to coarse grained and equigranular. Quartz (20%), feldspar (70%) and biotite (10%) comprise the bulk of its composition.

Mafic Intrusive An unusual-looking, northwest-southeast trending mafic intrusive was uncovered in a resue trench in the northeast section of the property, north of the North Dike. While the unit was not previously exposed, its magnetic-high expression was previously documented.

5.4.3 Pegmatite Dikes

A set of three roughly parallel pegmatite dikes, that are collectively known as the Case Pegmatite, strike obliquely to the batholith-sediment contact at about 60° northeast. Maximum known dimensions of the largest (central) body are 350 m long by 35 m wide. The pegmatite displays complex zoning and occurs as a raised knob outcrop with a sharp, steep contact with the granodiorite host. Quartz, feldspar, muscovite and spodumene are the main mineral constituents. Various dimensional data with respect to the individual dikes are presented in Table 10.

Dr Fred Breaks of the OGS had expressed his intent to conduct some detailed mapping of the dikes in late summer, subsequent to the stripping & washing program. It was planned that his work would dovetail into the larger (spatial) mapping framework. However, as the summer progressed, it became evident that his schedule would not accommodate the proposed project - it is hoped that he will be available in the 2000 field season. The author, while not qualified to map any internal data, did map the dike limits as exposed by the stripping program.

TABLE 10

DIMENSIONAL DATA OF PEGMATITE DIKES

Dike	Maximum Length Exposed in Outcrop	Maximum Thickness Exposed in Outcrop	Distance Between Dikes
North	100 m	12 m	20 m
Central	350 m	35 m	100 m
South	250 m	10 m	

In addition to the bulk constituents, other minerals visually identified within the dikes included:

- kunzite (a lilac-colored, gemstone variety of spodumene)
- near gem-quality, transparent spodumene
- green, transparent apatite < 1cm (some beryl?)
- orangy garnets < 2 cms (indicative of manganese which is a good indicator of mineralogical fractionation - as opposed to Fe-rich, dark red/magenta garnets)
- numerous suspected tantalum oxides
- large molybdenum rosettes
- blue apatite? (which is also good indicator of fractionation - Cérny)
- very unusual, mica orbicules to 3 cm in diameter (although much more prevalent in the granitic host)

5.4.4 Cultural Remnants

Cultural items observed during the mapping and prospecting included:

- a collapsed work cabin on the Main Dike and minor ancillary trash left by early operators in the area proximal to the dikes (including a drill steel & two 20' diamond drill rods)
- numerous inactive & active claim posts & claim lines
- skidder cables
- small burrow bits (presumably from previous harvesting activities)
- 2 old DDH collars (Main Dike)

5.4.5 Samples

A total of 10 days were spent by the author prospecting and mapping the entire grid. This generated a total of 17 grab samples of which 16 were submitted for analysis (excludes drill hole cutting samples). Rock types include pegmatitic rocks, metasediments, qtz veins and pegmatite dike material. As with the regional program, samples also included glacial floats (10), frost heave (2) and those from in situ (5).

Sample location (by local grid coordinate) and sample type are detailed in Table 11 with analytical results posted in Appendix III.

TABLE 11

SAMPLE LOCATIONS (GRID)

Tag #	Sample Type	Rock Type	Easting	Northing
20351	In Situ	White Vein	9+96 W	0+15 S
20352	Frost Heave	Sediment	9+93 W	0+17S
N/A	Frost Heave	Qtz Vein	9+93 W	0+17S
20353	Float Composite	Pegmatitic Rock	9+25/75 W	0+50/75 S
20354	Float	Pegmatitic Rock	10+01 W	4+55S
20355	Float	Qtz Vein	8+86 W	0+72 S
20356	Float	Blue Apatite?	8+03 W	4+40 S
20357	Float	Pegmatitic Rock	7+15 W	3+59 S
20358	Float	Pegmatitic Rock	4+96 W	0+20S
20359	Float	Pegmatitic Rock	5+01 W	1+81 N
20360	Float	Pegmatitic Rock	3+50W	2+00 N
3435	In Situ	Main? Dike	0+06 W	0+23 S
3436	In Situ	Main Dike	1+12 E	0+35 N
20375	In Situ	Peg Dikelet	2+62 E	0+62 S
20376	Float	Sediment	3+50 E	3+25 S
3437	In Situ	South Dike	0+60 E	1+30 S
3438	Float	Pegmatitic Rock	2+54 E	0+81 S

5.5 DIKE STRIPPING & SAMPLING

5.5.1 Mechanized Stripping

Rick Yost Drilling of Kirkland Lake was contracted for 40 hours machine time over a 5 day period during late September for mechanized stripping under the direct supervision/ direction of the author.

A total of 4500 square meters were stripped in the areas of the dikes as broken down in Table 12 and illustrated on Map 7. No Work Permits were required by either the MNR or the MNDM as the collective area was substantially less than 10,000 m^2, and involved no water courses/crossing or road construction.

The machine selected was a John Deere JD450-C dozer with backhoe attachment. Being a small, tracked machine and having interchangeable buckets (both a scraping bucket and a narrower, toothed, rock bucket) made for a very versatile and appropriate machine. It also had the advantage of being floated on trailer by pickup to within 1.5 kms of the work area and costing substantially less (per hour) than an excavator.

While much of the main part of the Main Dike (and others areas) were originally exposed by combination of nature and previous operators, several parts had grown over in the intervening years. Some of this area was reclaimed again to expose the dike and to further push back the limits. Areas C, K, N & O were small areas of virgin stripping. Emphasis was on clearing across strike to expose dike contacts to help quantify their width as well as determine internal zonations.

Because the unwashed border and wall zones can look strikingly like their host, there was occasional difficulty in determining stripping limits.

TABLE 12

STRIPPED AREAS

Letter Designation	Dike / Area	Stripped Square Meters
A	North Dike	750
B	North Dike - West	150
C	North Dike - Resue Trench	100
D	Main Dike - North Side	650
E	Main Dike - South Side	300
F	Main Dike - West End	300
G	North Dike Extension?	300
H	Main Dike - 0+25 W	700
I	Main Dike - 0+75 W	400
J	Main Dike - 1+25 W	150
K	North of Area J	100
L	South Dike - West	150
M	South Dike - Road	150
N	South Dike - East	200
O	South Dike - Resue Trench	100
TOTAL		**4500**

Cardinal Exploration Services Suite # 3 - 12 Government Road West, Kirkland Lake, Ontario P2N 2E2 PH 705 567 4511 FX 705 567 4522

5.5.2 Power Washing

The author spent 4 days washing selected portions of the stripped areas, all being confined to the North Dike & eastern end of the Main Dike. This was done to facilitate the proposed detailed mapping of these areas by **Breaks**.

While some washing was done concurrent with the stripping, it was difficult to leave the machine working unattended for any period of time so most was done subsequently.

Water was pumped from Case Creek due south with the water line strung along Line 1+00E and having a maximum distance of 200m. The North Dike washed well, but the extra head required to clean the top of the Main Dike hindered progress. Another difficulty experienced during washing was due to the recessively-weathered, pock-marked nature of the dike surface which had a tendency to trap & hold the fine material.

Due to its smooth polished nature, the granitic host flanking the dikes washed extremely well. The hump-back nature of the dikes themselves also greatly aided the washing.

5.5.3 Plugger Hole Sampling

In November, after stripping and washing, two series of plugger test hole samples were drill/collected with the assistance of **Brian Madill** (locations on Map 7). The first series was established along a section line, normal to strike, across the North Dike to acquire continuous and representative quantitative data. The second series was drilled from the north contact of the North Dike northward into the granitic host (also normal to the dike) in an attempt to identify and quantify any lithophile, geochemical alteration halo associated with the dike as an aid for future exploration. Both series focus on the North Dike since it is assumed to be the most fractionated.

Section 1 Twelve samples were collected across the North Dike (11.7m width) from drill holes which were marked at 0.5m centers commencing at the south contact (Samples 3439-3450 inclusive). Holes were drilled northward at an angle of about 40° to capture a horizontal component of 0.5m per hole. Cuttings from pairs of consecutive holes were bagged together to represent a 1m sample interval (except for the last sample which was only 0.7m) with each composite sample weighing approximately 2kgs. In this manner, a continuous, unbiased, sub-surface cross-section was collected.

Section 2 Seven vertical holes were drilled and sampled & sent for analysis (Samples 20377-20383 inclusive). The first hole was drilled in the North Dike at its north contact (0 reference) to serve as a comparative/control. The remaining 6 samples were collected from the granitic host at distances (north of the contact) of 0.5m, 1.5m, 5m, 10m, 20m & 35 meters.

The technique for collecting the drill cuttings/dust was to drill through a 3cm diameter hole in the center of a one meter square rubber mat. After each hole was completed, the mat was emptied into a plastic tub which in turn was dumped into a sample bag. Both the rubber mat and tub were scrubbed with a stiff-bristled brush between samples to avoid cross-contamination. Drill hole diameter was a nominal 32mm.

This technique is considered far superior to channel samples in that it was both quicker and cheaper and avoids the biasing effect cause by the differential, surficial weathering of the large mineral crystals. An added advantage (with the first series) is that the holes are drilled at an appropriate burden spacing & depth to accommodate blasting at a later time (for bulk grab, composition samples).

There was no breeze during the drilling/collecting of any of the samples so no bias was introduced by way of winnowing.

Samples were sent to both **Activation Laboratories Inc** & **Chemex Labs** Ltd for different packages. As alluded to earlier, difficulty in getting an appropriate samples analysis suite (balancing a customized one with cost) was compounded by the following factors:

- the inherently different nature of the sample types (viz lithogeochemical & oregrade) and the small overlap in detection limits of their respective analytical techniques,
- the suitability of different techniques for different elements, and
- the diverse variety of elements to be tested for (primary elements sought, their known indicator associates, and ratios & antipathetic elements).

The history of the drill cross-bits used was unknown, and it was thought possible that they might contaminate the samples by contributing a small amount of tantalum (sometimes used a hardener) but a review of the samples collected from the granitic host rock (& absence of Ta) dispelled any concerns.

A total of 4 days were spent on this sampling program.

5.6 TOTAL FIELD MAGNETIC & GRADIENT SURVEYS

A total of 8.864 kms (6703 readings) of high density, total field magnetic and gradient data was completed on the grid (3 days). As this survey was the last work to be done, time did not permit the completion of the eastern most lines.

The data was processed by the author and is presented on plan in profiled form on Map 8 while instrument specifications are listed in Appendix V. Because the data was collected in continuous-reading mode (2 second sample interval) and cannot be posted legibly on plan, the diurnally-adjusted data is presented in tabular form in Appendix IV.

All readings were in the 58,000 nT range. The maximum & minimum values were 58,175.4 & 57,579.7 for a difference of 595.7 nT and the median value was 57,762.4 nT.

It was hoped that a subtle signature of the dikes would be discernible when presented in profiled form (given the high instrument sensitivity and high-resolution/density). This would have helped quantify the strike extensions of all known dikes (& potentially identify other subparallel dikes). However the pegmatite - granite contrast was not significant enough to adequately defining the dike contacts.

The northwest trending mafic intrusive (located north of the North Dike) is however quite prominent and could be traced further along strike.

6.0 CONCLUSIONS & RECOMMENDATIONS

REGIONAL PROSPECTING A virgin, rare-metals pegmatite dike was discovered on the first day of conventional prospecting which demonstrates both the value of the geological model and that boot & hammer prospecting still has a place in the 21st century. The dike, which remains dimensionally untested, is in excess of 10m x 75m. Very coarse spodumene was observed in this dike and the sole sample sent for analysis exceeded the upper detection limits for Li, Rb & Ta and was highly anomalous in Be & Cs. After staking the dike, follow-up work should include more sample collection (which will require a plugger) & attempt to further delineate its lateral extent.

Due to the resistant-weathering nature of the dikes, topography from stereoscopic air photos appears to have great value at a regional scale.

CASE PEGMATITES The different forms of sampling helped to qualitatively confirm the rare-metal potential of the three previously-known dikes. The North Dike was representatively tested across strike at one location and produced very encouraging results and the South Dike is now deemed to possess far greater potential to host rare-metals than previously thought, based on the highly anomalous Cs, Rb & Ta values of sample #3437.

Arrangements should be made for **Fred Breaks** (OGS), an acknowledged expert, to map in detail the recently exposed portions of the Dikes. The existing plugger test-holes in the North Dike should be blasted to facilitate the collection of bulk samples and the suspected tantalum oxide specimens should also be forwarded to **Dr Andrew Tindle** (The Open University) for microprobe analysis.

Sampling demonstrated that the North Dike exhibits a lithium lithogeochemical halo at between 10 and 20 meters. While, this is a relatively local effect, it may prove of value in future property-scale exploration. It is suspected that this distance would increase dramatically in a more permeable sediment host. As budget permits, further methods development should continue along the control test line (L0+00E) including: IP (resistivity), Max-Min (dike contacts) & perhaps soil geochemistry to identify potential lithophile alteration halos.

The high-resolution, magnetic profiles had very limited usage in the identification of the dikes, however they may still have value in the identification of the granite-sediment contact & other structural features (ie lateral offsets). It is therefore recommended to complete the remaining eastern portion of the grid and extensions of the northern lines.

The lithological unit (mafic intrusive) responsible for the dramatic magnetic high in the northeast portion of the property was exposed.

7.0 AUTHOR CERTIFICATE

With reference to the **Report of 1999 Field Work on the Case Rare-Metals Pegmatite** (Steele Twp, Larder Lake Mining Division) authored in my name and dated **February 26th, 2000**;

I, Joseph D. Horne, do hereby affirm:

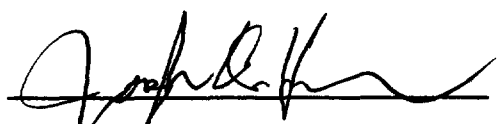
1. I have been employed in various exploration/geological capacities with numerous exploration and consulting companies since my formal training at Haileybury School of Mines, Haileybury, Ontario (1982-85),

2. I am president of Cardinal Exploration Services (a Division of JD Horne & Associates Ltd) with Business Office located at Suite #3 - 12 Government Road West, Kirkland Lake, Ontario, Canada,

3. I currently hold an indirect, material interest in the Property described in this Report, and

4. This Report is based on i) my personal field work and observations, ii) public information available from various sources as listed under References, iii) analytical data presented to me as accurate, and iv) professional discussions pertaining to the data's interpretation.

Respectfully submitted,



Joseph D. Horne
February 26th, 2000
Kirkland Lake, Ontario

8.0 REFERENCES

8.1 MAPS & AERIAL PHOTOGRAPHS

8.1.1 Location & Topography

- MNR Map 22-6: Districts of Algoma, Sudbury & Timiskaming 1:600,000

- MNR Provincial Series:
  - . Patten River Sheet (32 E/SW) 1:100,000
  - . Abitibi Sheet (32 D/NW) 1:100,000
  - . Iroquois Falls Sheet (42 A/NE) 1:100,000
  - . Little Abitibi Sheet (42 H/SE) 1:100,000

- EMR National Topographic System Series:
  - . NTS Sheet 32 E/4 1:50,000
  - . NTS Sheet 32 D/13 1:50,000
  - . NTS Sheet 42 A/16 1:50,000
  - . NTS Sheet 42 H/1 1:50,000

- MNR Plan G-3571: Steele Township Claim Map 1:31,680

- MNR Ontario Base Map Series:
  - . OBM Sheet 20 17 5600 54200 1:20,000
  - . OBM Sheet 20 17 5700 54200 1:20,000
  - . OBM Sheet 20 17 5800 54200 1:20,000
  - . OBM Sheet 20 17 5600 54300 1:20,000
  - . OBM Sheet 20 17 5700 54300 1:20,000
  - . OBM Sheet 20 17 5800 54300 1:20,000

8.1.2 Geology & Geophysics

- ODM Geological Compilation Series:
  - . Map 2161: Coral Rapids - Cochrane Sheet 1:253,440
  - . Map 2205: Timmins-Kirkland Lake Sheet 1:253,440
- OGS P.2243: Burntbush Lake-Detour Lake Area (Southern Part) 1:50,000
- ODM 2018: Steele, Bonis & Scapa Townships 1:31,680
- ODM P.33: Steele Township (North Half) 1:15,840
- OGS Airborne Electromagnetic & Total Intensity Magnetic Survey Series:
  - . Map 81225: Detour-Burntbush-Abitibi Area 1:20,000
  - . Map 81226: Detour-Burntbush-Abitibi Area 1:20,000

8.1.3 Aerial Photographs

- MNR Series:

. 86 4901 42 97 to 86 4901 42 103 inclusive	1:20,000
. 86 4902 30 118 to 86 4902 30 125 inclusive	1:20,000
. 61 4902 73 175	1:15,840
. Enlarged portion of 86 4902 30 122	1:2,000

8.2 REPORTS

ODM Geological Report #8 (Lumbers, SB) - Steele, Bonis and Scapa Townships
OGS Report 199 (Johns, GW) - Geology of the Burntbush-Detour Lakes Area

Assessment Reports from Kirkland Lake Resident Geologist's Office

- KL-0644 - Darby, L
- KL-0668 - Dex Ltd
- KL-2653 - Tesluk, J
- KL-3059 - Burns, J
- KL-3240 - Burns, J (same as KL-3059)
- KL-4462 - O'Reilly, DG

Private Reports (included within above Assessment Reports)

- Guillet, GR, 1973, Report on Steele Pegmatite by Gartner Lee Associates Limited

- Nickel, EH, 1963, Mines Branch Investigation Report IR 63-34 - A Mineralogical Investigation of Pegmatite Samples from Steele Township, Ontario, Submitted by Canadian Johns-Manville Company, Limited; Department of Mines and Technical Surveys - Mineral Sciences Division

8.3 PUBLISHED PAPERS

- Time-scales of Formation of Rare-Metal Class Pegmatites and Associated Peraluminous Granite in the Superior Province of Ontario (SR Smith, AG Tindle, FW Breaks).

- Exploration Strategy and Methods for Pegmatite Deposits of Tantalum (P Cérny).

8.4 PERSONAL COMMUNICATIONS

Includes field visits, and/or verbal and/or written communications in regards to the exploration of rare-earth pegmatites in general and/or property-specific data.

- D Gerry O'Reilly
- Dr Fred W Breaks (Ontario Geological Survey)
- Gary Grawbowski (Ontario Geological Survey)
- Gerhard Meyer (Ontario Geological Survey)
- Dean R Cutting (Independent Geological Consultant)
- Douglas Robinson, P Eng (Independent Geological Consultant)
- E Grayme Anthony (President - Houston Lake Mining Inc)
- Alasdair JM Mowat (President - Emerald Fields Resource Corporation)
- Dr Andrew M Chater (President - Goldaur Resources Inc)
- Dr Petr Cérny (Professor - The University of Manitoba)

APPENDIX I

CLAIM ABSTRACTS

Mining Lands - Mining Claims Summary

Larder Lake - Division 80

CLAIM NUMBER:	L 1206114 (Click Claim Number for Details)
Unit Size:	6
Township/Area:	STEELE (G-3571)
Lot Description:	
Staker:	**HORNE JOSEPH DANIEL (K22558)**
Recorded Holder:	**J. D. HORNE & ASSOCIATES LTD. (100.00 %)**
Recording Date:	**1999-Jul-13**
Due Date:	**2001-JUL-13**
Work Required:	**2400**
Total Applied:	**0**
Work Performed:	**0**
Total Reserve:	**0** (Click Reserve for Details)
Present Work Assignment:	**0**
Claim Bank:	**0**
Claim Status:	**ACTIVE**

| Back | Main Menu | Mining Lands |

Mining Lands - Mining Claims Summary

Larder Lake - Division 80

CLAIM NUMBER:	**L 1213780** (Click Claim Number for Details)
Unit Size:	3
Township/Area:	STEELE (G-3571)
Lot Description:	
Staker:	**O'REILLY DENNIS GERALD (M21059)**
Recorded Holder:	**J. D. HORNE & ASSOCIATES LTD. (100.00 %)**
Recording Date:	**1996-Jul-29**
Due Date:	**2000-FEB-28**
Work Required:	**1897**
Total Applied:	**1703**
Work Performed:	**1703**
Total Reserve:	**0** (Click Reserve for Details)
Present Work Assignment:	**0**
Claim Bank:	**0**
Claim Status:	**ACTIVE - Extension**

| Back | Main Menu | Mining Lands |

Mining Lands - Mining Claims Summary

Larder Lake - Division 80

CLAIM NUMBER:	**L 1214666** (Click Claim Number for Details)
Unit Size:	2
Township/Area:	STEELE (G-3571)
Lot Description:	
Staker:	**SHYNKORENKO EDWARD (M25405)**
Recorded Holder:	**J. D. HORNE & ASSOCIATES LTD. (100.00 %)**
Recording Date:	**1998-Apr-29**
Due Date:	**2000-APR-29**
Work Required:	**800**
Total Applied:	**0**
Work Performed:	**0**
Total Reserve:	**0** (Click Reserve for Details)
Present Work Assignment:	**0**
Claim Bank:	**0**
Claim Status:	**ACTIVE**

| Back | Main Menu | Mining Lands |

Mining Lands - Mining Claims Summary

Larder Lake - Division 80

CLAIM NUMBER:	**L 1227134** (Click Claim Number for Details)
Unit Size:	1
Township/Area:	STEELE (G-3571)
Lot Description:	
Staker:	**HORNE JOSEPH DANIEL (K22558)**
Recorded Holder:	**J. D. HORNE & ASSOCIATES LTD. (100.00 %)**
Recording Date:	**1998-Sep-21**
Due Date:	**2000-SEP-21**
Work Required:	**400**
Total Applied:	**0**
Work Performed:	**0**
Total Reserve:	**0** (Click Reserve for Details)
Present Work Assignment:	**0**
Claim Bank:	**0**
Claim Status:	**ACTIVE**

| Back | Main Menu | Mining Lands |

Case Property - Steele Twp

ASSESSMENT WORK OVERLAYS

Scale: 1 : 31,680 | APPENDIX II

Darby, Leonard
644

Tesluk, J.
2653

Ward, J.T.
3041

T. Randa
2337

Mattagami
Lake Mines Ltd
(Jarn option)
1776

Roford ML
2407

Anglo-Huronian
117

Burns, J.
"Case
Pegmatite"
3059

Dex Ltd
668

Miami-
General
1851

Geophysical
Engineering
& Surveys
925

M
Gc
M,EM
SA
EM
G
G R
9DH
M,EM
G,SA
8 rTr
rTr
EM
G
2 DH

SEE NORTHEAST BAY SHEET

Case Property - Steele Twp	
ASSESSMENT WORK OVERLAYS	
Scale: 1 : 31,680	APPENDIX II

BURNS, J.
KL 3240

O'Reilly, D.G.
KL 4462

MORIN, GERARD
KL 3485

APPENDIX III

CERTIFICATES OF ANALYSIS

Invoice No.: 19012
Work Order: 19163
Invoice Date: 27-JAN-00
Date Submitted: 18-JAN-00
Your Reference: LETTER
Account Number: J005

JOSEPH HORNE
12 GOVERNMENT ROAD WEST - SUITE 3
KIRKLAND LAKE, ONTARIO
P2N 2E2

CERTIFICATE OF ANALYSIS

4 ROCK GRABS(PREP.REV3) were submitted for analysis.
12 DRILL HOLE SAMPLES(PREP.REV3) were submitted for analysis.

The following analytical packages were requested. Please see our current fee schedule for elements and detection limits.

REPORT 19012 CODE 1H2-INAA(INAAGEO.REV1)
REPORT 19012 B TOTAL DIGESTION ICP
CODE 5D-LI-TOTAL DIGESTION ICP

REPORT 19012 RPT.XLS CODE 1H2-HNO3, H2O2 DIGESTION ICP/MS

CERTIFIED BY :

DR E.HOFFMAN/GENERAL MANAGER

ACTIVATION LABORATORIES LTD.
1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 **TELEPHONE** +1.905.648.9611 or +1.888.228.5227 **FAX** +1.905.648.9613
E-MAIL ancaster@actlabs.com **ACTLABS GROUP WEBSITE** http://www.actlabs.com

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA %	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	SR %	TA PPM	TH PPM
3435	<2	<5	1.2	<50	<0.5	<1	1	13	66	0.36	8	<1	<5	<1	5.74	<20	353	1.0	0.3	<3	<0.01	<0.05	33.3	3.8
3436	<2	<5	<0.5	<50	<0.5	<1	1	6	74	0.99	3	<1	<5	<1	4.12	<20	1070	0.7	0.3	<3	<0.01	<0.05	59.4	1.8
3437	<2	<5	1.0	<50	<0.5	<1	1	8	330	0.66	2	<1	<5	<1	3.46	<20	2250	3.8	<0.1	<3	<0.01	<0.05	256	11.3
3438	<2	<5	<0.5	<50	<0.5	<1	1	7	11	0.55	<1	<1	<5	<1	2.90	<20	253	0.2	4.5	<3	<0.01	<0.05	2.6	6.4
3439	<2	<5	<0.5	<50	<0.5	<1	2	6	193	0.60	3	<1	<5	<1	5.09	<20	848	2.1	0.5	<3	<0.01	<0.05	45.2	3.4
3440	<2	<5	<0.5	<50	<0.5	<1	6	<5	82	0.41	3	<1	<5	<1	4.12	<20	469	1.0	0.5	<3	<0.01	<0.05	347	6.5
3441	<2	<5	<0.5	<50	<0.5	<1	7	6	73	0.36	7	<1	<5	<1	1.56	<20	233	0.9	0.3	<3	<0.01	<0.05	160	3.5
3442	<2	<5	0.7	<50	<0.5	<1	10	<5	41	0.31	15	<1	<5	<1	2.10	<20	170	0.5	0.3	<3	<0.01	<0.05	425	15.8
3443	<2	<5	<0.5	<50	<0.5	<1	10	<5	204	0.30	3	<1	<5	<1	3.00	<20	1070	2.0	<0.1	<3	<0.01	<0.05	557	3.5
3444	<2	<5	<0.5	<50	<0.5	<1	9	15	256	0.32	<1	<1	<5	<1	2.36	<20	1870	3.0	<0.1	<3	<0.01	<0.05	81.1	2.0
3445	<2	<5	<0.5	50	<0.5	<1	20	10	141	0.20	<1	<1	<5	<1	3.41	<20	1050	1.6	<0.1	<3	<0.01	<0.05	41.3	0.7
3446	<2	<5	0.9	<50	<0.5	<1	6	<5	191	0.24	<1	<1	<5	<1	2.31	<20	1190	2.4	<0.1	<3	<0.01	<0.05	119	4.3
3447	<2	<5	<0.5	<50	<0.5	<1	6	<5	196	0.40	1	<1	<5	<1	1.95	<20	1340	2.4	<0.1	<3	<0.01	<0.05	383	4.4
3448	<2	<5	<0.5	<50	<0.5	<1	8	8	134	0.32	2	<1	<5	<1	2.12	<20	603	1.9	0.1	<3	<0.01	<0.05	391	4.7
3449	<2	<5	1.3	<50	<0.5	<1	11	<5	81	0.37	2	<1	<5	<1	1.76	<20	357	1.4	0.2	<3	<0.01	<0.05	180	2.0
3450	<2	<5	<0.5	<50	<0.5	<1	6	6	94	0.53	<1	<1	<5	<1	2.10	<20	401	1.0	0.6	<3	<0.01	<0.05	29.4	1.5
3450(PULP DUP)	<2	<5	<0.5	<50	<0.5	<1	6	<5	94	0.55	1	<1	<5	<1	2.13	<20	353	1.0	0.6	<3	<0.01	<0.05	27.9	1.9

Sample description	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
3435	5.3	<1	96	21.4	51	20	11.0	0.7	1.0	<0.2	<0.05	32.88
3436	1.9	<1	132	4.9	12	<5	1.9	<0.2	<0.5	0.3	<0.05	34.47
3437	4.3	2	3010	1.9	<3	<5	<0.1	<0.2	<0.5	<0.2	<0.05	27.24
3438	4.7	<1	<50	3.0	6	<5	0.9	<0.2	<0.5	2.4	0.36	33.12
3439	3.3	10	70	4.4	9	<5	0.3	<0.2	<0.5	0.4	0.05	26.43
3440	9.5	20	<50	5.2	5	<5	<0.1	<0.2	<0.5	<0.2	<0.05	28.59
3441	5.9	37	73	2.1	<3	<5	<0.1	<0.2	<0.5	<0.2	<0.05	31.16
3442	13.4	44	<50	8.3	15	<5	0.4	<0.2	<0.5	<0.2	<0.05	36.29
3443	3.3	42	<50	3.1	6	<5	0.1	<0.2	<0.5	<0.2	<0.05	28.53
3444	<0.5	45	<50	0.9	<3	<5	<0.1	<0.2	<0.5	<0.2	<0.05	25.12
3445	<0.5	71	<50	0.9	<3	<5	<0.1	<0.2	<0.5	<0.2	<0.05	30.01
3446	3.0	30	<50	1.5	4	<5	<0.1	<0.2	<0.5	<0.2	<0.05	30.85
3447	3.4	27	<50	2.6	3	<5	0.2	<0.2	<0.5	<0.2	<0.05	29.53
3448	3.6	39	<50	3.4	4	<5	0.5	<0.2	0.5	<0.2	<0.05	27.70
3449	0.8	53	<50	1.6	<3	<5	0.2	<0.2	<0.5	<0.2	<0.05	28.87
3450	1.6	27	<50	2.6	4	<5	0.1	<0.2	<0.5	<0.2	<0.05	29.34
3450(PULP DUP)	1.5	27	<50	2.6	4	<5	0.2	<0.2	<0.5	<0.2	<0.05	29.72

Sample description	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	MN PPM	SR PPM	CD PPM	BI PPM	V PPM	CA %	P %	MG %	TI %	AL %	K %	Y PPM	BE PPM	S %	LI PPM
3435	<2.	2.	9.	78.	<0.4	2.	1170.	108.	<0.5	<5.	4.	2.42	1.046	0.04	0.02	7.57	0.56	7.	8.	<0.01	454.
3436	<2.	2.	8.	132.	<0.4	2.	917.	69.	<0.5	<5.	7.	0.98	0.424	0.06	0.01	8.75	1.65	2.	11.	<0.01	598.
3437	<2.	4.	11.	2849.	<0.4	2.	1574.	77.	4.1	<5.	3.	0.38	0.004	0.03	0.04	10.22	2.65	2.	27.	0.18	3356.
3438	<2.	3.	27.	32.	<0.4	2.	394.	26.	<0.5	<5.	2.	0.48	0.011	0.04	0.01	8.33	3.35	11.	3.	<0.01	60.
3439	2.	70.	15.	77.	<0.4	4.	671.	198.	<0.5	<5.	6.	0.67	0.013	0.07	0.04	7.10	0.99	2.	135.	0.02	1809.
3440	<2.	6.	15.	32.	<0.4	8.	1164.	96.	<0.5	<5.	3.	0.42	0.002	0.04	0.02	7.17	0.69	2.	63.	<0.01	4908.
3441	2.	10.	10.	37.	<0.4	9.	979.	54.	<0.5	<5.	3.	0.24	0.002	0.02	0.01	6.96	0.37	2.	122.	0.01	10654.
3442	2.	2.	18.	28.	<0.4	17.	1314.	67.	<0.5	<5.	2.	0.33	0.002	0.02	0.01	7.86	0.30	2.	76.	0.01	10055.
3443	2.	2.	14.	28.	<0.4	12.	434.	52.	<0.5	<5.	2.	0.27	0.002	0.01	0.01	6.35	1.64	2.	127.	0.01	3641.
3444	2.	3.	16.	28.	<0.4	8.	280.	48.	<0.5	<5.	2.	0.16	0.002	0.02	0.01	6.75	2.84	2.	33.	<0.01	2057.
3445	2.	4.	12.	22.	<0.4	8.	289.	31.	<0.5	<5.	2.	0.19	0.002	0.01	0.01	5.85	1.66	2.	30.	0.01	2952.
3446	<2.	2.	16.	22.	<0.4	4.	316.	41.	<0.5	<5.	2.	0.17	0.002	0.02	0.01	5.95	1.99	2.	108.	<0.01	3552.
3446 DUP	2.	2.	15.	22.	0.8	5.	317.	41.	<0.5	<5.	4.	0.17	0.002	0.02	0.01	6.25	2.02	2.	105.	0.01	3504.
3447	2.	2.	14.	36.	3.0	7.	339.	50.	0.8	<5.	3.	0.18	0.002	0.02	0.02	6.88	2.50	2.	150.	<0.01	2009.
3448	2.	2.	11.	27.	0.7	8.	395.	43.	<0.5	<5.	2.	0.21	0.002	0.02	0.01	4.78	1.07	2.	157.	0.01	3558.
3449	2.	2.	8.	50.	0.5	7.	385.	72.	<0.5	<5.	3.	0.27	0.002	0.03	0.01	4.55	0.64	2.	69.	<0.01	5834.
3450	<2.	2.	7.	49.	<0.4	7.	481.	102.	<0.5	<5.	3.	0.33	0.005	0.03	0.02	5.53	0.53	2.	104.	0.01	8862.

Actlabs Pkg 1H2 Job #: 19163 **Report#: 19012** **Company: Cardinal Exploration Services** **Contact: J. Horne**

Trace Element Values Are in Parts Per Million Negative Values Equal Not Detected at That Lower Limit.
Values = 999999 are greater than working range of instrument.

Sample ID	Ge	Se	In	Sn	Te	Tl	Bi
3435	0.1	1.4	-0.2	2	0.2	0.4	0.2
3436	-0.1	0.3	-0.2	2	0.2	0.6	-0.1
3437	-0.1	-0.1	-0.2	-1	0.1	1.2	3.5
3438	-0.1	0.2	-0.2	-1	-0.1	-0.1	-0.1
3439	-0.1	-0.1	-0.2	-1	0.1	1.5	0.7
3440	-0.1	-0.1	-0.2	-1	0.2	0.5	-0.1
3441	-0.1	-0.1	-0.2	-1	0.1	0.3	0.1
3442	-0.1	-0.1	-0.2	-1	0.1	0.2	1.1
3443	-0.1	0.1	-0.2	-1	0.1	0.6	0.5
3444	-0.1	0.2	-0.2	-1	0.1	0.9	0.3
3445	-0.1	0.2	-0.2	-1	0.1	0.4	0.6
3446	-0.1	0.2	-0.2	-1	0.1	0.5	-0.1
3447	-0.1	0.3	-0.2	-1	0.1	0.7	0.3
3448	-0.1	0.2	-0.2	-1	0.2	0.5	1.4
3449	-0.1	0.4	-0.2	-1	0.2	0.5	2.6
3450	-0.1	0.3	-0.2	-1	0.2	0.7	2.8
3450 (PULP DUP)	-0.1	0.2	-0.2	-1	0.1	0.7	2.1

Certified By:

D. D'Anna, Dipl. T.
ICPMS Technical Manager, Activation Laboratories Ltd.

Date: 31/Jan/00

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD.

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

A0010850

Comments: ATTN: JOSEPH HORNE

CERTIFICATE A0010850

(RSZ) - J.D. HORNE & ASSOCIATES LTD.

Project: CASE PROJECT
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 28-JAN-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
248	26	Zirconia ring approx 150 mesh
226	26	0-3 Kg crush and split
3202	26	Rock - save entire reject

ANALYTICAL PROCEDURES 1 of 2

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
9301	26	Al %: ICP + ICP-MS package	ICP	0.01	25.0
9341	26	Sb ppm: ICP + ICP-MS package	ICP-MS	0.1	1000
9302	26	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9303	26	Be ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	1000
9304	26	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9305	26	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9306	26	Ca %: ICP + ICP-MS package	ICP	0.01	25.0
9307	26	Ce ppm: ICP + ICP-MS package	ICP-MS	0.01	500
9308	26	Cs ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9309	26	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9310	26	Co ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9311	26	Cu ppm: ICP + ICP-MS package	ICP	1	10000
9312	26	Ga ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9313	26	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9315	26	Fe %: ICP + ICP-MS package	ICP	0.01	25.0
9316	26	La ppm: ICP + ICP-MS package	ICP-MS	0.5	500
9317	26	Pb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.5	10000
9318	26	Li ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9319	26	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9320	26	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9321	26	Mo ppm: ICP + ICP-MS package	ICP	0.2	10000
9322	26	Ni ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9323	26	Nb ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9324	26	P ppm: ICP + ICP-MS package	ICP	10	10000
9325	26	K %: ICP + ICP-MS package	ICP	0.01	10.00
9326	26	Rb ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9327	26	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	100.0
9328	26	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9329	26	Sr ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9330	26	Ta ppm: ICP + ICP-MS package	ICP-MS	0.05	100.0
9331	26	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9332	26	Tl ppm: ICP + ICP-MS package	ICP-MS	0.02	500
9333	26	Th ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9334	26	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9335	26	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9336	26	U ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9337	26	V ppm: ICP + ICP-MS package	ICP	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD.

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

A0010850

Comments: ATTN: JOSEPH HORNE

CERTIFICATE A0010850

(RSZ) - J.D. HORNE & ASSOCIATES LTD.

Project: CASE PROJECT
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 28-JAN-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
248	26	Zirconia ring approx 150 mesh
226	26	0-3 Kg crush and split
3202	26	Rock - save entire reject

ANALYTICAL PROCEDURES 2 of 2

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
9338	26	Y ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9339	26	Zn ppm: ICP + ICP-MS package	ICP	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD. **

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

Project : CASE PROJECT
Comments: ATTN: JOSEPH HORNE

Page Number :1-A
Total Pages :1
Certificate Date: 24-JAN-2000
Invoice No. :10010850
P.O. Number :
Account :RSZ

CERTIFICATE OF ANALYSIS A0010850

SAMPLE	PREP CODE		Al % (ICP)	Sb ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Ca % (ICP)	Ce ppm (ICP)	Cs ppm (ICP)	Cr ppm (ICP)	Co ppm (ICP)	Cu ppm (ICP)	Ga ppm (ICP)	Ge ppm (ICP)
20351	248	226	7.48	0.3	440	2.60	0.09	0.02	1.19	3.38	1.05	4	0.2	4	32.4	1.2
20352	248	226	5.41	0.2	160	0.85	0.16	0.14	1.24	21.5	5.60	104	8.6	38	18.7	1.2
20353	248	226	7.09	0.3	30	3.30	0.62	0.06	0.38	9.19	10.00	6	< 0.2	1	28.2	1.9
20354	248	226	7.24	0.2	180	2.55	1.76	0.02	0.29	6.57	11.95	5	0.2	< 1	25.1	1.7
20355	248	226	2.03	0.4	30	2.50	96.7	1.46	0.13	0.89	1.50	11	0.8	1	10.8	1.9
20356	248	226	7.34	0.1	< 10	3.95	1.69	0.08	0.14	2.43	15.55	4	0.2	< 1	35.1	3.2
20357	248	226	6.92	0.1	70	4.70	0.82	0.02	0.27	5.83	11.85	4	< 0.2	< 1	32.6	1.7
20358	248	226	7.03	0.5	40	3.75	0.10	0.06	0.46	8.82	10.10	3	< 0.2	< 1	32.9	1.7
20359	248	226	8.32	2.3	80	3.35	0.09	0.08	0.29	11.50	9.15	8	< 0.2	4	26.0	2.1
20360	248	226	6.95	0.1	20	3.10	0.07	0.06	0.32	7.75	9.45	4	< 0.2	1	34.1	2.2
20361	248	226	7.08	< 0.1	60	2.20	0.06	0.04	0.40	13.05	5.40	5	0.2	< 1	30.3	1.8
20362	248	226	7.24	< 0.1	280	3.20	0.07	0.04	0.47	33.5	10.85	4	0.2	< 1	26.0	2.1
20363	248	226	8.34	< 0.1	< 10	11.80	0.02	< 0.02	0.28	1.95	8.85	4	< 0.2	< 1	41.1	3.4
20364	248	226	8.00	< 0.1	30	6.55	0.04	< 0.02	0.25	3.05	46.1	< 1	0.2	< 1	52.9	4.5
20365	248	226	6.76	0.1	60	48.2	0.57	< 0.02	0.16	1.61	490	5	< 0.2	1	37.9	3.8
20366	248	226	7.42	< 0.1	70	7.60	0.05	0.10	0.32	4.81	19.90	5	0.4	1	34.6	3.2
20367	248	226	6.94	< 0.1	< 10	5.70	0.03	< 0.02	0.12	2.45	35.6	4	< 0.2	< 1	51.8	3.1
20368	248	226	16.40	< 0.1	60	17.50	0.04	< 0.02	0.03	0.56	436	< 1	2.4	22	244	2.8
20369	248	226	8.14	< 0.1	420	1.75	0.61	0.08	1.33	30.2	25.9	234	11.6	28	22.9	1.6
20370	248	226	7.12	< 0.1	20	3.05	0.21	0.02	0.33	11.30	10.65	5	< 0.2	4	29.5	1.7
20371	248	226	6.79	< 0.1	490	2.75	0.32	< 0.02	0.55	38.6	9.50	5	0.6	< 1	19.9	1.1
20372	248	226	7.63	0.1	40	2.25	0.35	0.02	0.40	12.50	6.95	5	< 0.2	3	24.9	1.6
20373	248	226	7.36	< 0.1	60	2.05	0.12	< 0.02	0.46	11.85	7.05	6	< 0.2	< 1	31.7	1.4
20374	248	226	6.96	< 0.1	50	3.80	32.2	0.38	0.15	2.26	14.45	21	0.2	< 1	43.5	2.7
20375	248	226	8.31	< 0.1	110	65.9	0.36	< 0.02	0.23	1.83	38.7	3	0.2	1	42.1	3.0
20376	248	226	8.28	< 0.1	480	3.35	0.73	0.06	1.94	12.60	96.6	173	13.4	32	20.9	1.5

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD. **

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

Project : CASE PROJECT
Comments: ATTN: JOSEPH HORNE

Page Number :1-B
Total Pages :1
Certificate Date: 24-JAN-2000
Invoice No. :I0010850
P.O. Number :
Account :RSZ

CERTIFICATE OF ANALYSIS A0010850

SAMPLE	PREP CODE		Fe % (ICP)	La ppm (ICP)	Pb ppm (ICP)	Li ppm (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Ni ppm (ICP)	Nb ppm (ICP)	P ppm (ICP)	K % (ICP)	Rb ppm (ICP)	Ag ppm (ICP)	Na % (ICP)
20351	248	226	0.34	1.5	15.4	7.4	0.06	80	0.2	0.8	3.6	40	1.23	31.6	0.35	2.79
20352	248	226	2.56	10.0	8.0	44.2	1.05	555	0.4	27.2	6.8	390	1.09	49.6	0.60	1.46
20353	248	226	0.34	4.5	20.0	42.2	0.03	640	0.2	0.4	16.2	110	2.88	248	0.60	3.24
20354	248	226	0.28	3.0	29.5	42.0	0.03	205	0.4	3.4	13.8	130	4.76	405	0.85	2.57
20355	248	226	0.44	< 0.5	4.5	65.6	0.09	275	933	2.2	15.4	60	0.13	18.4	1.05	1.47
20356	248	226	0.25	0.5	11.0	16.6	< 0.01	1065	4.4	6.6	51.0	180	2.66	>500	1.45	3.72
20357	248	226	0.32	2.5	14.5	48.0	0.04	380	5.6	< 0.2	17.0	110	2.78	214	0.65	2.98
20358	248	226	0.29	4.0	15.5	63.8	0.03	325	0.6	< 0.2	20.2	110	1.99	200	0.75	3.70
20359	248	226	0.23	4.5	18.0	42.6	0.01	730	0.6	2.6	9.4	120	3.79	>500	0.60	3.92
20360	248	226	0.31	3.5	15.0	59.8	0.03	610	0.2	3.4	41.2	90	2.77	334	1.05	2.90
20361	248	226	0.33	6.0	17.0	63.4	0.04	325	1.0	1.8	17.0	170	3.36	255	0.60	2.76
20362	248	226	0.48	15.5	20.0	57.8	0.04	1365	< 0.2	3.4	12.8	130	3.05	294	0.55	3.35
20363	248	226	0.22	0.5	3.0	301	< 0.01	2110	< 0.2	1.6	45.0	240	0.30	54.0	1.10	6.46
20364	248	226	0.67	0.5	2.0	229	0.05	4640	< 0.2	1.6	117.0	500	0.90	>500	2.65	4.99
20365	248	226	0.15	0.5	10.0	>500	0.01	190	0.2	2.8	44.8	180	2.45	>500	1.10	2.15
20366	248	226	0.47	2.0	9.0	63.0	0.03	2350	< 0.2	3.0	32.4	270	2.20	366	1.00	4.33
20367	248	226	0.58	0.5	4.5	84.0	0.02	1840	< 0.2	1.6	59.0	140	2.12	>500	1.45	2.94
20368	248	226	2.19	< 0.5	3.0	>500	0.23	270	0.2	40.6	305	30	6.46	>500	6.10	0.53
20369	248	226	3.70	15.0	28.5	183.5	1.65	995	1.4	44.0	8.8	830	1.59	202	0.50	2.69
20370	248	226	0.26	5.0	16.0	43.4	0.03	315	0.4	2.8	17.2	150	3.04	282	0.70	3.34
20371	248	226	0.43	19.5	30.5	34.4	0.08	160	< 0.2	2.6	9.0	130	3.66	210	0.50	2.73
20372	248	226	0.38	6.5	21.0	29.6	0.04	580	< 0.2	2.8	15.2	150	3.58	265	0.60	2.92
20373	248	226	0.39	5.5	17.0	59.0	0.04	690	0.4	1.8	21.2	160	2.60	238	0.65	3.20
20374	248	226	0.35	0.5	6.0	37.2	0.01	760	209	4.0	100.5	170	1.79	>500	2.35	3.65
20375	248	226	0.17	0.5	5.0	69.6	0.03	180	2.0	1.8	80.8	120	0.49	216	1.70	6.23
20376	248	226	3.66	6.0	9.5	>500	1.80	655	2.4	39.2	6.6	780	2.03	226	0.35	2.28

CERTIFICATION: David Lee

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD. **

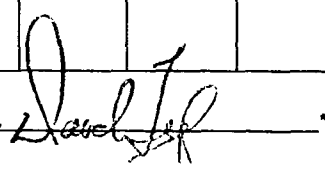
12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

Project : CASE PROJECT
Comments: ATTN: JOSEPH HORNE

Page Number : 1-C
Total Pages : 1
Certificate Date: 24-JAN-2000
Invoice No. : I0010850
P.O. Number :
Account : RSZ

CERTIFICATE OF ANALYSIS A0010850

SAMPLE	PREP CODE		Sr ppm (ICP)	Ta ppm (ICP)	Te ppm (ICP)	Tl ppm (ICP)	Th ppm (ICP)	Ti % (ICP)	W ppm (ICP)	U ppm (ICP)	V ppm (ICP)	Y ppm (ICP)	Zn ppm (ICP)			
20351	248	226	122.0	0.25	< 0.05	0.06	0.6	0.01	0.4	0.7	4	2.1	14			
20352	248	226	195.0	0.45	< 0.05	0.40	4.2	0.24	0.1	1.4	105	7.0	12			
20353	248	226	15.6	2.15	< 0.05	1.72	13.0	0.01	0.3	3.8	< 1	11.3	16			
20354	248	226	43.8	2.55	< 0.05	2.46	5.6	0.01	0.2	1.8	1	3.3	16			
20355	248	226	15.0	5.80	0.50	0.18	1.8	0.03	0.4	3.0	3	0.5	22			
20356	248	226	6.8	8.75	< 0.05	4.92	3.0	< 0.01	0.4	7.8	< 1	3.0	10			
20357	248	226	30.6	3.05	< 0.05	1.62	7.2	0.01	0.3	2.8	< 1	5.5	12			
20358	248	226	13.2	1.75	< 0.05	1.44	10.2	0.01	0.3	1.8	< 1	8.8	16			
20359	248	226	4.6	1.05	< 0.05	2.48	6.8	< 0.01	0.1	3.2	< 1	20.4	6			
20360	248	226	10.6	4.70	< 0.05	1.98	4.2	0.01	0.3	1.2	< 1	10.6	18			
20361	248	226	30.8	1.95	< 0.05	1.40	10.4	0.01	0.2	3.8	< 1	9.3	16			
20362	248	226	67.0	1.55	< 0.05	1.72	18.6	0.01	0.1	3.6	< 1	28.8	18			
20363	248	226	47.6	24.8	< 0.05	0.28	4.2	< 0.01	< 0.1	1.6	< 1	1.3	8			
20364	248	226	33.6	41.9	< 0.05	2.62	2.4	0.01	0.3	1.8	4	2.1	48			
20365	248	226	85.8	>100.0	< 0.05	18.80	0.8	< 0.01	0.1	5.2	< 1	0.1	8			
20366	248	226	32.0	10.95	< 0.05	2.70	5.8	< 0.01	0.2	3.2	2	8.3	16			
20367	248	226	3.8	10.10	< 0.05	3.84	3.6	< 0.01	0.4	2.2	5	6.1	30			
20368	248	226	2.8	>100.0	< 0.05	22.5	0.2	0.10	2.7	0.6	133	0.3	152			
20369	248	226	366	2.15	0.05	1.16	9.0	0.36	0.2	2.2	108	9.7	50			
20370	248	226	18.0	1.80	< 0.05	1.58	8.8	0.01	0.4	4.4	< 1	8.9	14			
20371	248	226	129.0	1.90	< 0.05	1.14	17.0	0.03	0.1	2.6	2	5.0	18			
20372	248	226	27.6	1.55	< 0.05	1.36	8.4	< 0.01	0.4	3.2	< 1	14.7	12			
20373	248	226	28.0	2.00	< 0.05	1.26	9.6	0.01	0.3	1.8	< 1	11.3	16			
20374	248	226	6.4	16.65	0.15	2.64	2.8	< 0.01	0.7	3.2	< 1	1.9	18			
20375	248	226	281	83.1	< 0.05	1.30	3.8	0.01	0.4	3.2	2	0.8	14			
20376	248	226	402	1.55	< 0.05	1.62	5.8	0.32	0.1	1.6	101	6.8	62			

CERTIFICATION: 

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD.

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

A0010854

Comments: ATTN: JOSEPH HORNE

CERTIFICATE A0010854

(RSZ) - J.D. HORNE & ASSOCIATES LTD.

Project: CASE PROJECT
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 01-FEB-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
248	7	Zirconia ring approx 150 mesh
234	7	0-7 Kg splitting charge
3202	7	Rock - save entire reject

ANALYTICAL PROCEDURES 1 of 2

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
9301	7	Al %: ICP + ICP-MS package	ICP	0.01	25.0
9341	7	Sb ppm: ICP + ICP-MS package	ICP-MS	0.1	1000
9302	7	Ba ppm: ICP + ICP-MS package	ICP	10	10000
9303	7	Be ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	1000
9304	7	Bi ppm: ICP + ICP-MS package	ICP-MS/ICP	0.01	10000
9305	7	Cd ppm: ICP + ICP-MS package	ICP-MS/ICP	0.02	500
9306	7	Ca %: ICP + ICP-MS package	ICP	0.01	25.0
9307	7	Ce ppm: ICP + ICP-MS package	ICP-MS	0.01	500
9308	7	Cs ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9309	7	Cr ppm: ICP + ICP-MS package	ICP	1	10000
9310	7	Co ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9311	7	Cu ppm: ICP + ICP-MS package	ICP	1	10000
9312	7	Ga ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9313	7	Ge ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9315	7	Fe %: ICP + ICP-MS package	ICP	0.01	25.0
9316	7	La ppm: ICP + ICP-MS package	ICP-MS	0.5	500
9317	7	Pb ppm: ICP + ICP-MS package	ICP-MS/ICP	0.5	10000
9318	7	Li ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9319	7	Mg %: ICP + ICP-MS package	ICP	0.01	15.00
9320	7	Mn ppm: ICP + ICP-MS package	ICP	5	10000
9321	7	Mo ppm: ICP + ICP-MS package	ICP	0.2	10000
9322	7	Ni ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9323	7	Nb ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9324	7	P ppm: ICP + ICP-MS package	ICP	10	10000
9325	7	K %: ICP + ICP-MS package	ICP	0.01	10.00
9326	7	Rb ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9327	7	Ag ppm: ICP + ICP-MS package	ICP-MS/ICP	0.05	100.0
9328	7	Na %: ICP + ICP-MS package	ICP	0.01	10.00
9329	7	Sr ppm: ICP + ICP-MS package	ICP-MS/ICP	0.2	10000
9330	7	Ta ppm: ICP + ICP-MS package	ICP-MS	0.05	100.0
9331	7	Te ppm: ICP + ICP-MS package	ICP-MS	0.05	500
9332	7	Tl ppm: ICP + ICP-MS package	ICP-MS	0.02	500
9333	7	Th ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9334	7	Ti %: ICP + ICP-MS package	ICP	0.01	10.00
9335	7	W ppm: ICP + ICP-MS package	ICP-MS/ICP	0.1	10000
9336	7	U ppm: ICP + ICP-MS package	ICP-MS	0.2	500
9337	7	V ppm: ICP + ICP-MS package	ICP	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD.

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

A0010854

Comments: ATTN: JOSEPH HORNE

CERTIFICATE A0010854

(RSZ) - J.D. HORNE & ASSOCIATES LTD.

Project: CASE PROJECT
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 01-FEB-2000.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
248	7	Zirconia ring approx 150 mesh
234	7	0-7 Kg splitting charge
3202	7	Rock - save entire reject

ANALYTICAL PROCEDURES 2 of 2

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
9338	7	Y ppm: ICP + ICP-MS package	ICP-MS	0.1	500
9339	7	Zn ppm: ICP + ICP-MS package	ICP	2	10000
21	7	F ppm: Carbonate-nitrate fusion	SPECIFIC ION	20	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD. **

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

Project : CASE PROJECT
Comments: ATTN: JOSEPH HORNE

Page Number :1-A
Total Pages :1
Certificate Date: 01-FEB-2000
Invoice No. :I0010854
P.O. Number :
Account :RSZ

CERTIFICATE OF ANALYSIS A0010854

SAMPLE	PREP CODE		Al % (ICP)	Sb ppm (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Ca % (ICP)	Ce ppm (ICP)	Cs ppm (ICP)	Cr ppm (ICP)	Co ppm (ICP)	Cu ppm (ICP)	Ga ppm (ICP)	Ge ppm (ICP)
20377	248	234	7.89	< 0.1	30	143.5	2.88	< 0.02	0.45	4.72	113.5	8	5.6	4	53.1	3.4
20378	248	234	8.75	0.1	850	5.85	0.06	< 0.02	1.65	13.30	33.2	4	4.0	< 1	30.9	0.7
20379	248	234	8.90	< 0.1	880	1.95	0.06	< 0.02	1.52	13.25	5.20	3	3.2	1	31.5	0.7
20380	248	234	8.91	0.3	860	3.50	0.07	0.02	1.66	14.00	12.90	4	4.0	4	32.8	0.7
20381	248	234	8.97	0.2	930	3.10	0.13	0.04	1.61	13.10	9.85	4	4.4	1	31.2	0.7
20382	248	234	8.90	< 0.1	870	3.05	0.07	0.02	1.55	12.75	6.90	4	4.4	1	31.6	0.6
20383	248	234	8.58	< 0.1	810	3.80	0.07	< 0.02	1.39	11.50	7.30	4	3.4	< 1	33.0	0.8

CERTIFICATION: _____ *

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD. **

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

Project : CASE PROJECT
Comments: ATTN: JOSEPH HORNE

Page Number : 1-B
Total Pages : 1
Certificate Date: 01-FEB-2000
Invoice No. : I0010854
P.O. Number :
Account : RSZ

CERTIFICATE OF ANALYSIS A0010854

SAMPLE	PREP CODE		Fe % (ICP)	La ppm (ICP)	Pb ppm (ICP)	Li ppm (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Ni ppm (ICP)	Nb ppm (ICP)	P ppm (ICP)	K % (ICP)	Rb ppm (ICP)	Ag ppm (ICP)	Na % (ICP)
20377	248	234	0.31	2.5	4.2	>500	0.03	485	1.2	14.4	30.8	220	0.63	351	0.60	3.08
20378	248	234	0.48	6.5	13.5	453	0.11	85	0.6	4.6	11.0	150	1.30	154.0	0.40	4.60
20379	248	234	0.53	6.5	14.0	275	0.16	85	0.2	3.0	5.8	170	1.49	56.8	0.30	4.60
20380	248	234	0.56	7.0	14.5	249	0.12	70	0.8	3.6	6.0	130	1.51	101.0	0.30	4.68
20381	248	234	0.53	6.5	15.0	102.5	0.13	65	0.8	3.4	5.6	120	1.66	80.8	0.25	4.80
20382	248	234	0.47	6.0	16.0	78.0	0.13	60	0.6	4.2	5.2	90	1.59	72.0	0.25	4.91
20383	248	234	0.46	5.5	19.0	58.4	0.14	65	0.6	4.6	6.6	110	1.68	86.6	0.30	4.56

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: J.D. HORNE & ASSOCIATES LTD. **

12 GOVERNMENT RD. WEST, STE. 3
KIRKLAND LAKE, ON
P2N 2E2

Project : CASE PROJECT
Comments: ATTN: JOSEPH HORNE

Page Number :1-C
Total Pages :1
Certificate Date: 01-FEB-2000
Invoice No. :I0010854
P.O. Number :
Account :RSZ

CERTIFICATE OF ANALYSIS A0010854

SAMPLE	PREP CODE		Sr ppm (ICP)	Ta ppm (ICP)	Te ppm (ICP)	Tl ppm (ICP)	Th ppm (ICP)	Ti % (ICP)	W ppm (ICP)	U ppm (ICP)	V ppm (ICP)	Y ppm (ICP)	Zn ppm (ICP)	F ppm		
20377	248	234	176.0	22.5	< 0.05	3.00	1.8	0.01	44.5	0.6	1	0.2	38	300		
20378	248	234	895	6.35	< 0.05	1.22	1.4	0.07	27.1	1.0	8	1.2	72	480		
20379	248	234	852	0.75	< 0.05	0.24	1.2	0.07	19.3	0.8	8	1.1	80	380		
20380	248	234	893	0.75	< 0.05	0.54	1.4	0.06	25.1	1.2	8	1.2	78	390		
20381	248	234	941	0.60	< 0.05	0.42	1.2	0.06	30.3	1.0	8	1.1	72	380		
20382	248	234	873	0.60	< 0.05	0.32	1.2	0.05	31.5	1.6	7	1.1	76	300		
20383	248	234	761	0.80	< 0.05	0.40	1.4	0.05	24.0	1.0	7	1.4	78	160		

CERTIFICATION:

APPENDIX IV

TOTAL FIELD MAGNETIC & MAGNETIC GRADIENT SURVEY DATA

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-1025.0	0.0	57780.1	-2.3	0.07	-915.6	0.0	57792.2	57.4	0.13	-815.6	0.0	57803.3	2.5	0.09
-1023.4	0.0	57786.0	1.1	0.07	-914.1	0.0	57764.2	-0.7	0.08	-814.1	0.0	57807.4	4.0	0.07
-1021.9	0.0	57798.4	9.7	0.11	-912.5	0.0	57771.3	2.6	0.10	-812.5	0.0	57811.3	5.6	0.08
-1020.3	0.0	57793.9	2.6	0.13	-910.9	0.0	57771.3	2.8	0.08	-810.9	0.0	57815.8	5.6	0.07
-1018.8	0.0	57790.6	-0.6	0.08	-909.4	0.0	57769.4	-0.3	0.12	-809.4	0.0	57819.6	4.9	0.11
-1017.2	0.0	57791.8	0.0	0.12	-907.8	0.0	57765.9	-3.3	0.07	-807.8	0.0	57849.4	64.8	0.14
-1015.6	0.0	57794.6	1.4	0.10	-906.3	0.0	57769.5	-0.2	0.07	-806.3	0.0	57819.2	4.7	0.14
-1014.1	0.0	57795.6	-0.3	0.07	-904.7	0.0	57774.6	0.3	0.08	-804.7	0.0	57819.0	4.2	0.08
-1012.5	0.0	57798.7	2.4	0.11	-903.1	0.0	57775.3	0.4	0.07	-803.1	0.0	57816.7	3.8	0.10
-1010.9	0.0	57803.4	3.6	0.08	-901.6	0.0	57776.1	-0.6	0.08	-801.6	0.0	57813.5	2.6	0.07
-1009.4	0.0	57807.8	4.1	0.06	-900.0	0.0	57779.0	-0.2	0.08	-800.0	0.0	57806.9	1.0	0.07
-1007.8	0.0	57808.9	5.2	0.07	-898.5	0.0	57781.1	0.9	0.07	-798.6	0.0	57799.6	-1.7	0.07
-1006.3	0.0	57813.6	6.7	0.10	-897.1	0.0	57781.6	2.6	0.09	-797.2	0.0	57796.1	0.9	0.07
-1004.7	0.0	57786.0	-52.6	0.13	-895.6	0.0	57782.5	1.0	0.12	-795.8	0.0	57792.7	1.6	0.07
-1003.1	0.0	57818.3	8.7	0.09	-894.1	0.0	57778.8	0.2	0.07	-794.4	0.0	57789.7	0.3	0.10
-1001.6	0.0	57820.1	10.8	0.07	-892.6	0.0	57772.8	-1.3	0.07	-793.1	0.0	57783.3	-0.5	0.14
-1000.0	0.0	57817.7	8.6	0.11	-891.2	0.0	57767.4	-4.9	0.08	-791.7	0.0	57778.0	-2.3	0.10
-998.3	0.0	57811.9	6.2	0.07	-889.7	0.0	57759.7	-5.3	0.12	-790.3	0.0	57777.9	0.2	0.07
-996.7	0.0	57806.1	3.8	0.07	-888.2	0.0	57757.6	-5.2	0.09	-788.9	0.0	57746.1	-60.7	0.13
-995.0	0.0	57795.1	-1.3	0.08	-886.8	0.0	57756.2	-5.6	0.08	-787.5	0.0	57774.8	-1.3	0.13
-993.3	0.0	57773.0	-40.4	0.16	-885.3	0.0	57754.3	-5.2	0.07	-786.1	0.0	57777.2	0.0	0.08
-991.7	0.0	57785.9	-4.1	0.08	-883.8	0.0	57756.1	-6.1	0.06	-784.7	0.0	57780.3	1.6	0.07
-990.0	0.0	57782.6	-4.5	0.08	-882.4	0.0	57758.4	-6.7	0.10	-783.3	0.0	57783.3	5.1	0.08
-988.3	0.0	57784.7	-1.2	0.13	-880.9	0.0	57764.4	-2.4	0.08	-781.9	0.0	57780.5	0.8	0.10
-986.7	0.0	57785.3	-0.9	0.09	-879.4	0.0	57774.4	3.3	0.07	-780.6	0.0	57782.2	2.5	0.08
-985.0	0.0	57785.1	-1.1	0.07	-877.9	0.0	57779.3	2.9	0.08	-779.2	0.0	57785.0	1.8	0.11
-983.3	0.0	57783.4	-0.7	0.07	-876.5	0.0	57777.0	1.2	0.10	-777.8	0.0	57816.9	62.2	0.13
-981.7	0.0	57782.4	-1.4	0.08	-875.0	0.0	57776.3	1.0	0.11	-776.4	0.0	57790.7	3.9	0.07
-980.0	0.0	57781.2	-2.8	0.07	-873.6	0.0	57773.5	-0.9	0.10	-775.0	0.0	57793.0	4.3	0.06
-978.3	0.0	57781.4	-2.6	0.15	-872.2	0.0	57770.8	-1.9	0.09	-773.5	0.0	57796.1	5.5	0.12
-976.7	0.0	57786.7	-2.5	0.07	-870.8	0.0	57766.7	-2.5	0.15	-772.1	0.0	57796.5	2.8	0.13
-975.0	0.0	57791.9	-1.6	0.07	-869.4	0.0	57766.0	-3.1	0.08	-770.6	0.0	57797.8	2.2	0.07
-973.5	0.0	57806.7	6.2	0.08	-868.1	0.0	57765.5	-1.8	0.07	-769.1	0.0	57800.6	3.3	0.09
-972.1	0.0	57818.5	13.6	0.09	-866.7	0.0	57764.0	-4.3	0.15	-767.6	0.0	57804.3	5.1	0.07
-970.6	0.0	57820.9	10.7	0.08	-865.3	0.0	57759.5	-17.7	0.10	-766.2	0.0	57807.0	5.6	0.10
-969.1	0.0	57813.4	4.2	0.11	-863.9	0.0	57796.7	56.3	0.15	-764.7	0.0	57804.4	5.3	0.07
-967.6	0.0	57809.6	1.0	0.07	-862.5	0.0	57768.7	-2.2	0.17	-763.2	0.0	57803.9	3.7	0.10
-966.2	0.0	57811.9	2.2	0.15	-861.1	0.0	57768.2	-2.2	0.11	-761.8	0.0	57795.0	1.4	0.12
-964.7	0.0	57818.2	8.2	0.07	-859.7	0.0	57768.6	-2.3	0.08	-760.3	0.0	57785.8	-2.2	0.14
-963.2	0.0	57815.3	0.8	0.08	-858.3	0.0	57764.9	-4.3	0.06	-758.8	0.0	57781.5	-3.5	0.10
-961.8	0.0	57810.9	-0.6	0.08	-856.9	0.0	57764.1	-5.5	0.06	-757.4	0.0	57780.1	-2.2	0.07
-960.3	0.0	57810.7	1.5	0.08	-855.6	0.0	57764.5	-4.8	0.07	-755.9	0.0	57783.2	-1.0	0.10
-958.8	0.0	57807.0	0.8	0.07	-854.2	0.0	57767.5	-3.5	0.07	-754.4	0.0	57784.7	1.1	0.10
-957.4	0.0	57802.2	-0.8	0.07	-852.8	0.0	57798.4	54.6	0.13	-752.9	0.0	57783.8	1.4	0.06
-955.9	0.0	57795.7	-0.1	0.08	-851.4	0.0	57773.5	-3.2	0.07	-751.5	0.0	57781.9	-0.4	0.08
-954.4	0.0	57786.9	-6.6	0.09	-850.0	0.0	57782.8	-1.0	0.07	-750.0	0.0	57779.9	-1.0	0.08
-952.9	0.0	57784.6	-5.3	0.09	-848.6	0.0	57798.6	9.8	0.08	-748.5	0.0	57779.7	-1.6	0.07
-951.5	0.0	57789.5	-0.2	0.07	-847.2	0.0	57804.4	11.2	0.08	-747.1	0.0	57778.4	-0.9	0.13
-950.0	0.0	57788.4	-0.3	0.15	-845.8	0.0	57831.6	67.9	0.13	-745.6	0.0	57778.4	-1.5	0.07
-948.3	0.0	57786.1	0.5	0.07	-844.4	0.0	57798.4	4.5	0.09	-744.1	0.0	57779.5	-1.9	0.10
-946.7	0.0	57784.6	0.1	0.07	-843.1	0.0	57794.9	3.1	0.07	-742.6	0.0	57780.1	1.0	0.06
-945.0	0.0	57783.5	0.7	0.15	-841.7	0.0	57791.0	2.8	0.11	-741.2	0.0	57779.6	0.4	0.07
-943.3	0.0	57781.7	0.4	0.07	-840.3	0.0	57788.1	2.1	0.07	-739.7	0.0	57779.3	-0.4	0.07
-941.7	0.0	57778.0	-0.3	0.07	-838.9	0.0	57789.1	3.4	0.11	-738.2	0.0	57779.0	-0.1	0.09
-940.0	0.0	57776.1	0.2	0.11	-837.5	0.0	57788.3	2.7	0.12	-736.8	0.0	57779.0	0.2	0.07
-938.3	0.0	57776.2	-0.7	0.08	-836.1	0.0	57786.6	1.9	0.07	-735.3	0.0	57779.0	-0.3	0.07
-936.7	0.0	57775.8	0.5	0.07	-834.7	0.0	57786.9	2.5	0.07	-733.8	0.0	57779.1	0.0	0.07
-935.0	0.0	57776.7	0.3	0.07	-833.3	0.0	57786.7	2.8	0.10	-732.4	0.0	57779.9	0.8	0.07
-933.3	0.0	57775.4	0.9	0.07	-831.9	0.0	57791.0	3.0	0.13	-730.9	0.0	57781.1	0.1	0.07
-931.7	0.0	57773.8	0.8	0.07	-830.6	0.0	57787.0	1.0	0.07	-729.4	0.0	57782.2	0.1	0.08
-930.0	0.0	57771.2	-0.8	0.07	-829.2	0.0	57788.1	0.5	0.09	-727.9	0.0	57782.7	0.8	0.15
-928.3	0.0	57769.9	0.6	0.12	-827.8	0.0	57791.9	2.0	0.08	-726.5	0.0	57782.5	0.3	0.08
-926.7	0.0	57771.6	1.7	0.07	-826.4	0.0	57798.2	5.1	0.08	-725.0	0.0	57782.5	0.2	0.07
-925.0	0.0	57761.7	-3.5	0.12	-825.0	0.0	57799.7	6.2	0.07	-723.6	0.0	57781.0	0.4	0.10
-923.4	0.0	57758.4	-5.0	0.13	-823.4	0.0	57795.9	2.8	0.07	-722.2	0.0	57781.6	0.6	0.10
-921.9	0.0	57757.6	-3.1	0.07	-821.9	0.0	57790.4	-2.0	0.07	-720.8	0.0	57781.1	1.5	0.07
-920.3	0.0	57757.2	-3.4	0.08	-820.3	0.0	57790.2	-2.7	0.11	-719.4	0.0	57781.4	1.8	0.08
-918.8	0.0	57757.6	-2.7	0.13	-818.8	0.0	57804.4	7.3	0.07	-718.1	0.0	57780.7	0.1	0.07
-917.2	0.0	57790.5	58.3	0.15	-817.2	0.0	57802.8	4.0	0.13	-716.7	0.0	57778.9	0.4	0.07

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-715.3	0.0	57778.9	0.1	0.07	-616.7	0.0	57792.9	-1.8	0.08	-509.4	0.0	57769.9	-2.4	0.12
-713.9	0.0	57809.4	59.2	0.13	-615.0	0.0	57786.5	-1.6	0.07	-507.8	0.0	57768.6	-2.2	0.07
-712.5	0.0	57778.2	-0.4	0.16	-613.3	0.0	57785.8	-0.3	0.08	-506.3	0.0	57770.0	-2.4	0.10
-711.1	0.0	57778.4	-2.0	0.07	-611.7	0.0	57786.9	0.3	0.07	-504.7	0.0	57773.0	-1.4	0.11
-709.7	0.0	57779.4	-0.8	0.08	-610.0	0.0	57787.1	-0.2	0.11	-503.1	0.0	57777.1	-1.9	0.07
-708.3	0.0	57784.8	0.1	0.08	-608.3	0.0	57789.3	1.6	0.08	-501.6	0.0	57778.8	-2.0	0.08
-706.9	0.0	57788.4	1.8	0.07	-606.7	0.0	57793.4	2.0	0.08	-500.0	0.0	57782.8	-1.5	0.09
-705.6	0.0	57764.5	-55.1	0.16	-605.0	0.0	57794.5	1.6	0.07	-498.4	0.0	57793.0	1.7	0.06
-704.2	0.0	57797.7	5.2	0.09	-603.3	0.0	57794.7	1.5	0.08	-496.9	0.0	57802.3	5.3	0.07
-702.8	0.0	57798.1	3.4	0.07	-601.7	0.0	57794.8	2.2	0.09	-495.3	0.0	57806.0	6.5	0.07
-701.4	0.0	57796.1	2.0	0.10	-600.0	0.0	57796.8	3.3	0.06	-493.8	0.0	57805.7	3.0	0.10
-700.0	0.0	57795.6	1.6	0.08	-598.4	0.0	57797.5	3.5	0.07	-492.2	0.0	57773.6	-58.1	0.13
-698.6	0.0	57794.4	1.3	0.08	-596.9	0.0	57795.8	2.2	0.08	-490.6	0.0	57807.5	3.5	0.07
-697.2	0.0	57793.4	0.6	0.07	-595.3	0.0	57793.1	1.1	0.07	-489.1	0.0	57809.4	5.3	0.09
-695.8	0.0	57791.8	0.9	0.07	-593.8	0.0	57792.4	1.0	0.06	-487.5	0.0	57806.2	3.0	0.07
-694.4	0.0	57791.5	0.6	0.08	-592.2	0.0	57793.8	1.4	0.07	-485.9	0.0	57774.9	-57.3	0.15
-693.1	0.0	57788.5	0.9	0.15	-590.6	0.0	57794.1	2.0	0.07	-484.4	0.0	57800.2	1.5	0.09
-691.7	0.0	57790.4	1.7	0.11	-589.1	0.0	57795.1	2.4	0.07	-482.8	0.0	57797.8	0.5	0.07
-690.3	0.0	57790.1	1.5	0.07	-587.5	0.0	57792.0	0.0	0.08	-481.3	0.0	57797.6	2.2	0.07
-688.9	0.0	57787.9	1.6	0.14	-585.9	0.0	57789.2	0.8	0.12	-479.7	0.0	57767.4	-56.5	0.12
-687.5	0.0	57782.1	-0.2	0.08	-584.4	0.0	57787.1	0.6	0.07	-478.1	0.0	57803.3	7.3	0.07
-686.1	0.0	57775.6	-2.2	0.08	-582.8	0.0	57787.2	0.3	0.09	-476.6	0.0	57811.8	11.8	0.07
-684.7	0.0	57774.2	-1.6	0.11	-581.3	0.0	57788.6	2.1	0.12	-475.0	0.0	57810.7	8.0	0.07
-683.3	0.0	57771.5	-1.1	0.10	-579.7	0.0	57791.0	3.2	0.09	-473.5	0.0	57803.5	2.9	0.10
-681.9	0.0	57770.8	-3.5	0.13	-578.1	0.0	57792.2	3.5	0.11	-472.1	0.0	57766.8	-59.2	0.13
-680.6	0.0	57770.9	-1.6	0.09	-576.6	0.0	57789.8	3.1	0.07	-470.6	0.0	57793.3	-2.0	0.08
-679.2	0.0	57771.6	-1.6	0.08	-575.0	0.0	57786.8	1.5	0.07	-469.1	0.0	57792.2	0.2	0.11
-677.8	0.0	57771.1	-0.8	0.07	-573.5	0.0	57780.6	-2.3	0.08	-467.6	0.0	57794.2	2.3	0.10
-676.4	0.0	57773.2	0.6	0.14	-572.1	0.0	57778.8	-2.1	0.12	-466.2	0.0	57794.0	0.8	0.09
-675.0	0.0	57773.3	-0.2	0.09	-570.6	0.0	57779.5	-0.9	0.10	-464.7	0.0	57788.1	-0.2	0.07
-673.5	0.0	57773.2	-1.1	0.10	-569.1	0.0	57780.9	-0.5	0.09	-463.2	0.0	57788.0	-0.4	0.09
-672.1	0.0	57773.6	-1.8	0.08	-567.6	0.0	57781.5	-0.5	0.07	-461.8	0.0	57788.2	1.8	0.14
-670.6	0.0	57774.9	-2.0	0.15	-566.2	0.0	57782.5	-0.3	0.06	-460.3	0.0	57787.8	0.7	0.07
-669.1	0.0	57775.9	-1.3	0.09	-564.7	0.0	57783.5	0.5	0.06	-458.8	0.0	57785.5	-1.2	0.10
-667.6	0.0	57777.7	-1.0	0.07	-563.2	0.0	57783.0	0.7	0.06	-457.4	0.0	57785.9	-0.6	0.09
-666.2	0.0	57777.8	-0.6	0.08	-561.8	0.0	57785.9	1.3	0.12	-455.9	0.0	57785.9	-0.6	0.07
-664.7	0.0	57779.1	1.2	0.11	-560.3	0.0	57787.0	0.7	0.09	-454.4	0.0	57786.6	-2.0	0.11
-663.2	0.0	57780.4	1.2	0.08	-558.8	0.0	57788.5	0.8	0.10	-452.9	0.0	57790.6	1.5	0.08
-661.8	0.0	57780.8	0.7	0.08	-557.4	0.0	57790.6	2.6	0.07	-451.5	0.0	57793.1	1.2	0.07
-660.3	0.0	57778.1	0.0	0.07	-555.9	0.0	57796.3	3.3	0.07	-450.0	0.0	57792.6	0.4	0.09
-658.8	0.0	57776.3	0.3	0.07	-554.4	0.0	57798.5	4.3	0.07	-448.6	0.0	57791.9	0.4	0.11
-657.4	0.0	57748.2	-59.9	0.15	-552.9	0.0	57802.2	7.8	0.10	-447.2	0.0	57793.6	0.8	0.08
-655.9	0.0	57776.5	-0.7	0.08	-551.5	0.0	57773.6	-48.1	0.12	-445.8	0.0	57794.1	0.6	0.11
-654.4	0.0	57779.7	0.7	0.09	-550.0	0.0	57790.2	4.7	0.08	-444.4	0.0	57792.2	0.2	0.08
-652.9	0.0	57774.2	-0.1	0.07	-548.4	0.0	57783.7	4.0	0.07	-443.1	0.0	57793.0	0.7	0.10
-651.5	0.0	57773.7	0.2	0.07	-546.9	0.0	57780.8	3.3	0.07	-441.7	0.0	57796.1	0.8	0.07
-650.0	0.0	57773.6	-1.4	0.07	-545.3	0.0	57772.2	-5.3	0.07	-440.3	0.0	57796.5	1.1	0.08
-648.6	0.0	57770.8	-1.6	0.07	-543.8	0.0	57772.0	-5.1	0.07	-438.9	0.0	57795.4	0.5	0.11
-647.2	0.0	57773.5	-0.8	0.12	-542.2	0.0	57773.9	-1.4	0.08	-437.5	0.0	57795.6	-0.2	0.07
-645.8	0.0	57773.3	-0.6	0.06	-540.6	0.0	57783.7	3.8	0.07	-436.1	0.0	57793.6	-1.0	0.08
-644.4	0.0	57772.9	-0.5	0.11	-539.1	0.0	57788.8	3.9	0.08	-434.7	0.0	57792.8	-2.0	0.12
-643.1	0.0	57772.6	-1.5	0.08	-537.5	0.0	57788.6	3.1	0.07	-433.3	0.0	57789.6	-3.2	0.08
-641.7	0.0	57772.2	-2.6	0.09	-535.9	0.0	57787.7	1.1	0.07	-431.9	0.0	57791.5	-1.2	0.07
-640.3	0.0	57770.4	-1.5	0.09	-534.4	0.0	57787.3	-0.7	0.08	-430.6	0.0	57797.3	1.8	0.07
-638.9	0.0	57770.6	-2.3	0.13	-532.8	0.0	57791.0	3.3	0.10	-429.2	0.0	57805.3	5.2	0.11
-637.5	0.0	57771.6	-2.5	0.07	-531.3	0.0	57795.0	3.9	0.14	-427.8	0.0	57808.4	5.2	0.15
-636.1	0.0	57774.2	-3.4	0.08	-529.7	0.0	57797.5	4.4	0.14	-426.4	0.0	57809.4	2.5	0.07
-634.7	0.0	57779.7	-4.0	0.08	-528.1	0.0	57800.9	5.4	0.09	-425.0	0.0	57807.6	1.4	0.11
-633.3	0.0	57788.3	-4.5	0.07	-526.6	0.0	57800.8	6.7	0.12	-423.6	0.0	57809.6	2.1	0.07
-631.9	0.0	57801.2	-2.8	0.07	-525.0	0.0	57799.2	5.4	0.08	-422.2	0.0	57810.0	2.3	0.11
-630.6	0.0	57814.8	0.4	0.09	-523.4	0.0	57797.5	5.6	0.09	-420.8	0.0	57811.1	1.8	0.13
-629.2	0.0	57836.6	5.8	0.08	-521.9	0.0	57792.4	2.7	0.07	-419.4	0.0	57809.4	1.5	0.08
-627.8	0.0	57838.9	4.0	0.09	-520.3	0.0	57790.1	2.3	0.11	-418.1	0.0	57809.6	1.5	0.08
-626.4	0.0	57833.5	2.6	0.09	-518.8	0.0	57785.2	0.8	0.09	-416.7	0.0	57808.9	2.3	0.08
-625.0	0.0	57794.6	-61.5	0.12	-517.2	0.0	57778.9	-1.7	0.07	-415.3	0.0	57807.7	2.7	0.08
-623.3	0.0	57818.6	1.2	0.08	-515.6	0.0	57775.9	-1.0	0.11	-413.9	0.0	57805.2	0.5	0.10
-621.7	0.0	57820.3	3.2	0.07	-514.1	0.0	57772.1	-3.2	0.09	-412.5	0.0	57803.1	0.8	0.11
-620.0	0.0	57812.3	4.9	0.07	-512.5	0.0	57770.2	-2.5	0.07	-411.1	0.0	57802.0	0.7	0.07
-618.3	0.0	57807.4	1.4	0.06	-510.9	0.0	57771.8	-2.6	0.06	-409.7	0.0	57800.4	0.1	0.10

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-408.3	0.0	57798.9	-0.4	0.11	-308.3	0.0	57839.9	59.9	0.13	-201.6	0.0	57802.0	-1.4	0.06
-406.9	0.0	57798.0	-0.7	0.07	-306.9	0.0	57841.1	60.0	0.13	-200.0	0.0	57802.4	-1.4	0.06
-405.6	0.0	57798.2	-1.5	0.07	-305.6	0.0	57811.6	0.1	0.12	-198.3	0.0	57804.8	-0.2	0.07
-404.2	0.0	57799.9	0.0	0.07	-304.2	0.0	57810.1	-0.6	0.07	-196.7	0.0	57807.3	1.1	0.08
-402.8	0.0	57801.2	0.2	0.07	-302.8	0.0	57808.0	-3.9	0.07	-195.0	0.0	57808.8	1.8	0.07
-401.4	0.0	57803.6	0.2	0.07	-301.4	0.0	57808.3	-1.9	0.07	-193.3	0.0	57809.3	1.1	0.07
-400.0	0.0	57806.2	0.6	0.14	-300.0	0.0	57811.9	-0.4	0.07	-191.7	0.0	57809.9	0.8	0.06
-398.5	0.0	57807.6	1.0	0.07	-298.4	0.0	57813.1	0.8	0.08	-190.0	0.0	57812.5	1.6	0.06
-397.1	0.0	57779.2	-57.6	0.11	-296.9	0.0	57816.5	2.6	0.11	-188.3	0.0	57787.8	-53.7	0.14
-395.6	0.0	57809.6	2.7	0.08	-295.3	0.0	57816.4	1.6	0.09	-186.7	0.0	57816.1	4.2	0.07
-394.1	0.0	57812.0	3.0	0.12	-293.8	0.0	57813.9	0.3	0.11	-185.0	0.0	57809.9	0.6	0.07
-392.6	0.0	57811.6	1.6	0.07	-292.2	0.0	57814.6	-0.7	0.15	-183.3	0.0	57807.6	0.7	0.07
-391.2	0.0	57806.9	0.6	0.06	-290.6	0.0	57813.5	-0.6	0.07	-181.7	0.0	57805.2	-1.6	0.09
-389.7	0.0	57805.7	1.2	0.08	-289.1	0.0	57814.4	-0.9	0.07	-180.0	0.0	57807.0	-0.5	0.06
-388.2	0.0	57804.7	0.1	0.10	-287.5	0.0	57814.7	0.0	0.07	-178.3	0.0	57810.8	0.4	0.12
-386.8	0.0	57801.1	-0.8	0.07	-285.9	0.0	57816.8	0.2	0.11	-176.7	0.0	57814.7	2.8	0.07
-385.3	0.0	57800.4	-0.3	0.13	-284.4	0.0	57815.2	-0.3	0.06	-175.0	0.0	57815.8	2.6	0.07
-383.8	0.0	57799.8	-0.7	0.08	-282.8	0.0	57815.2	0.1	0.06	-173.4	0.0	57815.5	2.1	0.07
-382.4	0.0	57799.0	-0.7	0.07	-281.3	0.0	57816.1	-0.5	0.09	-171.9	0.0	57817.6	3.8	0.08
-380.9	0.0	57799.1	0.9	0.09	-279.7	0.0	57814.3	0.1	0.13	-170.3	0.0	57820.9	4.4	0.07
-379.4	0.0	57800.8	0.6	0.07	-278.1	0.0	57816.1	-0.3	0.09	-168.8	0.0	57822.2	5.0	0.07
-377.9	0.0	57801.0	0.7	0.08	-276.6	0.0	57816.1	-0.1	0.10	-167.2	0.0	57822.7	4.0	0.08
-376.5	0.0	57802.2	0.6	0.08	-275.0	0.0	57816.4	-0.7	0.08	-165.6	0.0	57820.7	2.7	0.08
-375.0	0.0	57815.2	32.5	0.12	-273.4	0.0	57814.2	-2.8	0.06	-164.1	0.0	57821.0	2.9	0.09
-373.5	0.0	57797.7	0.2	0.07	-271.9	0.0	57786.3	-62.6	0.12	-162.5	0.0	57818.7	1.7	0.07
-372.1	0.0	57799.9	-0.2	0.08	-270.3	0.0	57820.5	-1.4	0.08	-160.9	0.0	57875.4	121.2	0.19
-370.6	0.0	57797.7	-0.9	0.11	-268.8	0.0	57828.9	1.3	0.10	-159.4	0.0	57815.1	2.4	0.10
-369.1	0.0	57798.2	-0.1	0.07	-267.2	0.0	57860.5	56.8	0.12	-157.8	0.0	57812.3	0.1	0.08
-367.6	0.0	57801.9	1.7	0.11	-265.6	0.0	57833.5	0.7	0.17	-156.3	0.0	57811.0	1.8	0.09
-366.2	0.0	57802.3	1.8	0.09	-264.1	0.0	57843.4	3.0	0.09	-154.7	0.0	57806.5	-0.6	0.17
-364.7	0.0	57802.5	1.3	0.10	-262.5	0.0	57847.3	5.5	0.11	-153.1	0.0	57806.4	-0.8	0.07
-363.2	0.0	57800.7	0.2	0.10	-260.9	0.0	57853.5	5.5	0.10	-151.6	0.0	57806.5	2.2	0.07
-361.8	0.0	57799.4	0.5	0.09	-259.4	0.0	57854.9	4.6	0.08	-150.0	0.0	57808.8	2.2	0.10
-360.3	0.0	57769.8	-59.8	0.11	-257.8	0.0	57855.2	3.6	0.07	-148.4	0.0	57802.9	-0.4	0.07
-358.8	0.0	57800.3	0.5	0.09	-256.3	0.0	57856.8	4.2	0.07	-146.9	0.0	57805.5	1.1	0.08
-357.4	0.0	57801.2	1.1	0.07	-254.7	0.0	57857.7	4.3	0.07	-145.3	0.0	57804.7	0.2	0.07
-355.9	0.0	57800.9	-0.2	0.12	-253.1	0.0	57874.2	36.2	0.10	-143.8	0.0	57806.1	1.5	0.08
-354.4	0.0	57800.7	0.4	0.06	-251.6	0.0	57857.9	4.2	0.07	-142.2	0.0	57809.3	2.6	0.10
-352.9	0.0	57800.9	0.6	0.13	-250.0	0.0	57856.6	3.9	0.08	-140.6	0.0	57811.7	3.7	0.08
-351.5	0.0	57800.7	-0.8	0.06	-248.4	0.0	57852.4	3.6	0.07	-139.1	0.0	57811.9	2.8	0.07
-350.0	0.0	57800.8	0.5	0.07	-246.9	0.0	57849.4	1.8	0.07	-137.5	0.0	57810.8	0.7	0.08
-348.5	0.0	57801.1	0.5	0.09	-245.3	0.0	57844.8	2.7	0.15	-135.9	0.0	57809.8	1.2	0.14
-347.1	0.0	57801.7	0.3	0.09	-243.8	0.0	57840.8	1.0	0.07	-134.4	0.0	57813.7	2.5	0.13
-345.6	0.0	57801.6	1.2	0.12	-242.2	0.0	57835.2	0.0	0.07	-132.8	0.0	57814.8	3.5	0.11
-344.1	0.0	57801.7	0.5	0.09	-240.6	0.0	57831.3	-0.2	0.07	-131.3	0.0	57813.4	1.4	0.09
-342.6	0.0	57800.7	-0.1	0.08	-239.1	0.0	57829.3	-0.4	0.09	-129.7	0.0	57813.2	1.6	0.09
-341.2	0.0	57798.6	-0.5	0.07	-237.5	0.0	57828.4	0.5	0.07	-128.1	0.0	57812.7	1.3	0.07
-339.7	0.0	57798.9	-1.8	0.07	-235.9	0.0	57827.3	1.8	0.06	-126.6	0.0	57811.9	0.9	0.07
-338.2	0.0	57798.9	-0.7	0.07	-234.4	0.0	57824.3	1.8	0.07	-125.0	0.0	57801.5	-6.3	0.06
-336.8	0.0	57798.5	-0.5	0.08	-232.8	0.0	57817.1	-0.1	0.08	-123.5	0.0	57793.0	-4.6	0.07
-335.3	0.0	57799.6	-0.6	0.16	-231.3	0.0	57808.1	-1.8	0.07	-122.1	0.0	57797.6	0.1	0.07
-333.8	0.0	57801.5	0.7	0.14	-229.7	0.0	57799.2	-3.7	0.06	-120.6	0.0	57800.9	0.8	0.07
-332.4	0.0	57800.7	0.5	0.16	-228.1	0.0	57793.8	-5.0	0.06	-119.1	0.0	57803.2	1.9	0.13
-330.9	0.0	57801.7	-1.0	0.11	-226.6	0.0	57789.1	-4.3	0.06	-117.6	0.0	57805.8	1.9	0.07
-329.4	0.0	57799.5	-3.7	0.10	-225.0	0.0	57784.7	-5.3	0.08	-116.2	0.0	57805.6	1.6	0.06
-327.9	0.0	57801.2	-6.3	0.12	-223.4	0.0	57783.7	-5.9	0.08	-114.7	0.0	57804.7	1.3	0.07
-326.5	0.0	57848.4	19.0	0.12	-221.9	0.0	57787.1	-2.9	0.09	-113.2	0.0	57802.8	0.7	0.07
-325.0	0.0	58061.9	243.7	0.43	-220.3	0.0	57789.1	-3.0	0.06	-111.8	0.0	57800.5	-1.6	0.07
-323.6	0.0	57970.9	126.9	0.11	-218.8	0.0	57789.6	-3.9	0.07	-110.3	0.0	57804.5	0.6	0.07
-322.2	0.0	57811.6	-21.6	0.09	-217.2	0.0	57793.2	-1.3	0.09	-108.8	0.0	57809.1	1.8	0.08
-320.8	0.0	57798.6	-8.0	0.06	-215.6	0.0	57764.1	-60.4	0.17	-107.4	0.0	57812.0	3.9	0.07
-319.4	0.0	57799.0	-3.7	0.07	-214.1	0.0	57790.0	-3.0	0.10	-105.9	0.0	57814.6	4.4	0.10
-318.1	0.0	57803.2	-2.6	0.10	-212.5	0.0	57790.6	-2.6	0.08	-104.4	0.0	57813.3	2.7	0.09
-316.7	0.0	57806.0	-0.1	0.08	-210.9	0.0	57792.9	-2.7	0.08	-102.9	0.0	57814.2	4.5	0.07
-315.3	0.0	57810.7	1.8	0.10	-209.4	0.0	57794.5	-1.1	0.08	-101.5	0.0	57815.8	4.4	0.09
-313.9	0.0	57812.6	0.9	0.10	-207.8	0.0	57795.8	-2.4	0.08	-100.0	0.0	57814.8	2.9	0.07
-312.5	0.0	57812.0	1.0	0.06	-206.3	0.0	57797.7	-3.6	0.09	-98.4	0.0	57811.6	1.8	0.08
-311.1	0.0	57809.7	-0.6	0.07	-204.7	0.0	57803.9	1.3	0.07	-96.9	0.0	57813.3	3.7	0.09
-309.7	0.0	57809.8	-0.8	0.06	-203.1	0.0	57802.6	-1.6	0.08	-95.3	0.0	57812.9	4.2	0.07

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-93.8	0.0	57807.0	0.2	0.11	12.5	0.0	57777.8	0.6	0.08	114.1	0.0	57835.2	1.3	0.09
-92.2	0.0	57803.5	1.7	0.07	14.3	0.0	57760.5	-33.0	0.13	115.6	0.0	57839.9	4.3	0.09
-90.6	0.0	57801.1	-0.9	0.09	16.1	0.0	57776.1	-0.7	0.13	117.2	0.0	57830.0	-0.8	0.07
-89.1	0.0	57802.8	3.5	0.10	17.9	0.0	57746.1	-58.6	0.12	118.8	0.0	57810.4	-12.4	0.09
-87.5	0.0	57806.7	6.0	0.06	19.6	0.0	57776.8	-0.2	0.07	120.3	0.0	57807.4	-7.5	0.06
-85.9	0.0	57807.8	5.2	0.14	21.4	0.0	57775.4	-0.8	0.07	121.9	0.0	57815.4	-2.6	0.07
-84.4	0.0	57805.3	2.0	0.07	23.2	0.0	57778.6	0.8	0.07	123.4	0.0	57817.2	-4.9	0.07
-82.8	0.0	57805.6	4.1	0.15	25.0	0.0	57780.8	2.4	0.10	125.0	0.0	57798.8	-45.8	0.11
-81.3	0.0	57807.4	4.1	0.07	26.6	0.0	57778.3	0.1	0.08	126.6	0.0	57821.0	-5.9	0.08
-79.7	0.0	57804.4	2.0	0.13	28.1	0.0	57776.8	-0.6	0.07	128.1	0.0	57830.5	2.6	0.08
-78.1	0.0	57802.5	2.7	0.06	29.7	0.0	57776.4	-1.8	0.13	129.7	0.0	57836.5	4.1	0.08
-76.6	0.0	57802.5	2.7	0.06	31.3	0.0	57775.5	-1.0	0.08	131.3	0.0	57834.7	1.7	0.08
-75.0	0.0	57803.5	3.1	0.07	32.8	0.0	57776.8	-0.5	0.07	132.8	0.0	57834.4	4.0	0.12
-73.4	0.0	57798.7	1.5	0.07	34.4	0.0	57778.4	0.0	0.09	134.4	0.0	57833.1	3.0	0.18
-71.9	0.0	57792.0	-1.7	0.10	35.9	0.0	57777.9	0.7	0.07	135.9	0.0	57831.6	0.6	0.07
-70.3	0.0	57785.0	-3.0	0.08	37.5	0.0	57778.9	0.7	0.06	137.5	0.0	57829.3	2.0	0.06
-68.8	0.0	57782.8	-2.3	0.07	39.1	0.0	57778.5	1.3	0.06	139.1	0.0	57830.9	4.1	0.08
-67.2	0.0	57782.6	-0.4	0.10	40.6	0.0	57778.4	0.5	0.07	140.6	0.0	57833.5	4.5	0.20
-65.6	0.0	57783.1	0.0	0.07	42.2	0.0	57779.2	0.4	0.07	142.2	0.0	57833.5	3.9	0.10
-64.1	0.0	57781.2	0.1	0.07	43.8	0.0	57779.5	0.4	0.07	143.8	0.0	57812.3	-32.2	0.09
-62.5	0.0	57780.2	-0.2	0.10	45.3	0.0	57779.7	1.4	0.10	145.3	0.0	57830.0	2.1	0.06
-60.9	0.0	57779.9	0.5	0.06	46.9	0.0	57779.4	0.5	0.07	146.9	0.0	57827.5	1.2	0.07
-59.4	0.0	57778.9	0.7	0.06	48.4	0.0	57780.2	0.9	0.07	148.4	0.0	57823.4	0.2	0.11
-57.8	0.0	57777.3	-1.2	0.07	50.0	0.0	57780.1	0.3	0.10	150.0	0.0	57787.8	-62.3	0.12
-56.3	0.0	57775.5	-2.7	0.07	51.3	0.0	57778.8	-0.5	0.21	151.7	0.0	57812.6	-4.3	0.07
-54.7	0.0	57745.3	-62.4	0.10	52.6	0.0	57720.1	-119.0	0.17	153.3	0.0	57812.6	-2.2	0.08
-53.1	0.0	57777.6	-1.8	0.07	53.9	0.0	57780.2	0.7	0.10	155.0	0.0	57812.7	-0.2	0.06
-51.6	0.0	57783.3	-0.5	0.06	55.3	0.0	57780.4	0.9	0.12	156.7	0.0	57817.1	3.3	0.11
-50.0	0.0	57791.3	3.4	0.07	56.6	0.0	57782.4	0.1	0.14	158.3	0.0	57815.4	2.3	0.07
-48.5	0.0	57799.3	7.0	0.10	57.9	0.0	57781.0	-0.4	0.06	160.0	0.0	57820.6	19.5	0.13
-47.1	0.0	57797.8	2.1	0.07	59.2	0.0	57780.7	0.2	0.07	161.7	0.0	57811.5	3.1	0.07
-45.6	0.0	57797.2	1.6	0.07	60.5	0.0	57782.0	0.3	0.09	163.3	0.0	57812.4	3.8	0.06
-44.1	0.0	57797.1	1.6	0.09	61.8	0.0	57782.4	1.2	0.07	165.0	0.0	57809.8	4.1	0.09
-42.6	0.0	57766.4	-59.2	0.14	63.2	0.0	57783.0	0.8	0.15	166.7	0.0	57807.0	1.9	0.09
-41.2	0.0	57794.4	3.1	0.06	64.5	0.0	57783.7	1.0	0.15	168.3	0.0	57833.6	60.5	0.15
-39.7	0.0	57795.4	2.9	0.11	65.8	0.0	57782.1	0.8	0.13	170.0	0.0	57800.3	0.8	0.10
-38.2	0.0	57786.4	-0.6	0.10	67.1	0.0	57782.6	-0.7	0.07	171.7	0.0	57802.8	1.6	0.10
-36.8	0.0	57783.5	-2.2	0.07	68.4	0.0	57784.8	-0.1	0.07	173.3	0.0	57803.5	1.9	0.07
-35.3	0.0	57778.6	-3.4	0.07	69.7	0.0	57784.8	0.4	0.08	175.0	0.0	57807.5	3.0	0.07
-33.8	0.0	57777.5	-3.4	0.08	71.1	0.0	57785.3	0.2	0.06	176.7	0.0	57797.5	-15.3	0.11
-32.4	0.0	57808.4	58.4	0.12	72.4	0.0	57785.4	0.2	0.10	178.3	0.0	57804.9	2.9	0.07
-30.9	0.0	57777.0	-2.0	0.09	73.7	0.0	57786.2	-0.8	0.08	180.0	0.0	57800.8	0.7	0.08
-29.4	0.0	57775.6	-3.8	0.06	75.0	0.0	57785.9	-0.1	0.07	181.7	0.0	57796.7	-0.3	0.12
-27.9	0.0	57772.6	-5.3	0.06	76.4	0.0	57787.2	1.1	0.10	183.3	0.0	57768.8	-58.1	0.13
-26.5	0.0	57771.0	-6.3	0.06	77.8	0.0	57787.2	-0.1	0.09	185.0	0.0	57801.3	4.6	0.17
-25.0	0.0	57773.5	-5.7	0.08	79.2	0.0	57787.4	-0.3	0.06	186.7	0.0	57799.6	3.9	0.06
-23.5	0.0	57778.8	-0.7	0.06	80.6	0.0	57789.0	0.1	0.07	188.3	0.0	57796.9	1.3	0.13
-22.1	0.0	57779.6	-2.3	0.08	81.9	0.0	57787.2	-1.0	0.14	190.0	0.0	57793.4	2.1	0.07
-20.6	0.0	57790.4	3.8	0.06	83.3	0.0	57788.9	-0.1	0.08	191.7	0.0	57790.8	1.1	0.07
-19.1	0.0	57787.0	-2.6	0.10	84.7	0.0	57790.1	0.9	0.13	193.3	0.0	57788.5	1.8	0.09
-17.6	0.0	57783.9	-3.7	0.06	86.1	0.0	57790.5	-0.5	0.15	195.0	0.0	57784.7	1.0	0.11
-16.2	0.0	57788.1	0.0	0.06	87.5	0.0	57789.9	0.4	0.07	196.7	0.0	57784.1	1.0	0.06
-14.7	0.0	57792.3	3.6	0.08	88.9	0.0	57789.8	0.0	0.12	198.3	0.0	57784.5	1.6	0.11
-13.2	0.0	57814.4	54.5	0.13	90.3	0.0	57788.6	-1.6	0.07	200.0	0.0	57785.9	2.5	0.07
-11.8	0.0	57776.9	-7.5	0.08	91.7	0.0	57787.2	-3.5	0.08	201.4	0.0	57787.4	4.4	0.07
-10.3	0.0	57778.8	-2.6	0.08	93.1	0.0	57786.7	-4.5	0.06	202.8	0.0	57787.7	2.2	0.09
-8.8	0.0	57783.9	3.0	0.06	94.4	0.0	57790.3	-5.0	0.08	204.2	0.0	57783.9	-0.1	0.14
-7.4	0.0	57783.5	2.5	0.06	95.8	0.0	57792.7	-3.4	0.10	205.6	0.0	57783.8	0.9	0.07
-5.9	0.0	57781.2	0.9	0.09	97.2	0.0	57795.8	-2.0	0.08	206.9	0.0	57784.4	3.2	0.10
-4.4	0.0	57776.7	-2.9	0.10	98.6	0.0	57796.1	-0.8	0.09	208.3	0.0	57784.1	1.7	0.11
-2.9	0.0	57789.3	12.1	0.15	100.0	0.0	57799.1	-0.7	0.06	209.7	0.0	57733.3	-99.5	0.23
-1.5	0.0	57835.4	59.3	0.09	101.6	0.0	57799.7	-1.8	0.07	211.1	0.0	57779.6	0.8	0.08
0.0	0.0	57809.9	19.9	0.11	103.1	0.0	57801.0	-3.5	0.07	212.5	0.0	57776.3	-0.9	0.07
1.8	0.0	57776.9	-4.4	0.07	104.7	0.0	57802.6	-4.4	0.08	213.9	0.0	57772.2	-2.5	0.06
3.6	0.0	57773.4	-2.7	0.07	106.3	0.0	57804.7	-5.5	0.10	215.3	0.0	57769.3	-3.4	0.13
5.4	0.0	57772.6	-1.9	0.07	107.8	0.0	57806.7	-5.4	0.11	216.7	0.0	57765.7	-3.8	0.09
7.1	0.0	57775.6	0.2	0.06	109.4	0.0	57810.3	-6.5	0.08	218.1	0.0	57766.2	-2.7	0.07
8.9	0.0	57776.8	0.9	0.08	110.9	0.0	57813.5	-9.9	0.08	219.4	0.0	57779.3	26.0	0.10
10.7	0.0	57777.5	0.5	0.07	112.5	0.0	57823.9	-2.0	0.07	220.8	0.0	57763.6	-1.7	0.07

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
222.2	0.0	57763.9	-1.6	0.07	-1000	-446.9	57787.9	1.4	0.08	-1000	-345.8	57765.7	4.2	0.13
223.6	0.0	57763.7	-2.0	0.07	-1000	-445.3	57789.1	1.3	0.07	-1000	-344.4	57755.5	-4.4	0.15
225.0	0.0	57734.0	-62.3	0.15	-1000	-443.8	57789.1	1.7	0.08	-1000	-343.1	57743.9	-7.8	0.10
226.6	0.0	57764.1	-1.6	0.11	-1000	-442.2	57789.1	1.6	0.07	-1000	-341.7	57743.2	-2.7	0.11
228.1	0.0	57761.9	-2.4	0.06	-1000	-440.6	57786.9	-1.2	0.08	-1000	-340.3	57742.3	-2.8	0.08
229.7	0.0	57731.7	-62.3	0.13	-1000	-439.1	57788.0	-1.0	0.07	-1000	-338.9	57743.2	-1.1	0.17
231.3	0.0	57761.4	-4.4	0.12	-1000	-437.5	57789.8	0.6	0.08	-1000	-337.5	57738.5	-3.8	0.11
232.8	0.0	57763.0	-2.7	0.09	-1000	-435.9	57793.3	1.9	0.07	-1000	-336.1	57737.4	-5.4	0.06
234.4	0.0	57764.8	-1.0	0.06	-1000	-434.4	57795.0	0.7	0.11	-1000	-334.7	57736.3	-7.0	0.10
235.9	0.0	57766.8	-1.3	0.11	-1000	-432.8	57794.5	0.2	0.10	-1000	-333.3	57766.2	53.1	0.13
237.5	0.0	57767.5	-0.9	0.09	-1000	-431.3	57795.4	1.8	0.21	-1000	-331.9	57740.4	-5.1	0.07
239.1	0.0	57769.7	0.4	0.07	-1000	-429.7	57796.7	0.7	0.10	-1000	-330.6	57745.4	-2.3	0.08
240.6	0.0	57770.3	1.5	0.08	-1000	-428.1	57798.6	1.2	0.09	-1000	-329.2	57753.6	-0.4	0.13
242.2	0.0	57774.8	3.7	0.07	-1000	-426.6	57800.2	2.5	0.07	-1000	-327.8	57760.8	2.6	0.07
243.8	0.0	57779.3	4.9	0.08	-1000	-425.0	57795.1	0.8	0.07	-1000	-326.4	57767.2	2.6	0.08
245.3	0.0	57776.9	4.8	0.06	-1000	-423.5	57796.7	1.5	0.11	-1000	-325.0	57767.2	1.7	0.12
246.9	0.0	57770.2	0.3	0.10	-1000	-422.1	57783.9	-19.9	0.10	-1000	-323.4	57767.5	1.8	0.07
248.4	0.0	57767.8	-0.6	0.06	-1000	-420.6	57790.7	-0.3	0.07	-1000	-321.9	57766.7	0.6	0.12
250.0	0.0	57767.2	0.4	0.09	-1000	-419.1	57783.4	-2.2	0.11	-1000	-320.3	57765.3	0.0	0.11
251.6	0.0	57765.9	0.0	0.10	-1000	-417.6	57778.9	-2.4	0.08	-1000	-318.8	57761.0	-1.6	0.10
253.1	0.0	57766.6	0.6	0.09	-1000	-416.2	57775.6	-1.3	0.07	-1000	-317.2	57755.0	-3.4	0.13
254.7	0.0	57766.2	-0.3	0.10	-1000	-414.7	57774.3	-1.8	0.08	-1000	-315.6	57754.5	-2.6	0.11
256.3	0.0	57763.3	-0.9	0.06	-1000	-413.2	57770.1	-3.4	0.08	-1000	-314.1	57755.5	-1.6	0.15
257.8	0.0	57763.9	-0.7	0.07	-1000	-411.8	57766.0	-3.7	0.10	-1000	-312.5	57757.3	-1.4	0.07
259.4	0.0	57763.3	-1.8	0.10	-1000	-410.3	57765.3	-4.8	0.09	-1000	-310.9	57717.7	-84.7	0.13
260.9	0.0	57761.8	-0.3	0.10	-1000	-408.8	57762.8	-4.9	0.07	-1000	-309.4	57760.1	-0.5	0.09
262.5	0.0	57762.8	-0.7	0.09	-1000	-407.4	57762.1	-4.2	0.13	-1000	-307.8	57760.9	-1.7	0.11
264.1	0.0	57761.6	-1.4	0.14	-1000	-405.9	57763.1	-3.8	0.07	-1000	-306.3	57734.3	-61.1	0.11
265.6	0.0	57763.9	-1.1	0.21	-1000	-404.4	57762.2	-3.2	0.12	-1000	-304.7	57766.7	0.4	0.07
267.2	0.0	57774.9	9.6	0.14	-1000	-402.9	57759.6	-4.4	0.07	-1000	-303.1	57770.7	0.3	0.07
268.8	0.0	57827.3	70.2	0.09	-1000	-401.5	57760.4	-4.3	0.06	-1000	-301.6	57771.7	0.6	0.09
270.3	0.0	57782.2	1.8	0.08	-1000	-400.0	57764.7	-1.8	0.09	-1000	-300.0	57774.7	1.6	0.07
271.9	0.0	57763.4	-2.7	0.11	-1000	-398.5	57771.1	2.9	0.09	-1000	-298.5	57774.4	0.8	0.07
273.4	0.0	57760.5	-0.8	0.06	-1000	-397.1	57739.2	-54.0	0.16	-1000	-297.1	57775.4	0.9	0.08
275.0	0.0	57759.0	-2.0	0.07	-1000	-395.6	57762.6	-2.7	0.08	-1000	-295.6	57776.3	2.3	0.08
276.7	0.0	57758.0	-0.9	0.07	-1000	-394.1	57751.6	-9.1	0.08	-1000	-294.1	57777.5	2.9	0.10
278.3	0.0	57759.9	1.3	0.12	-1000	-392.6	57743.6	-11.3	0.11	-1000	-292.6	57779.3	3.1	0.16
280.0	0.0	57757.6	0.7	0.07	-1000	-391.2	57744.4	-6.9	0.07	-1000	-291.2	57777.0	1.5	0.07
281.7	0.0	57755.9	-0.7	0.07	-1000	-389.7	57746.2	-6.9	0.09	-1000	-289.7	57774.7	0.6	0.10
283.3	0.0	57755.3	2.1	0.12	-1000	-388.2	57737.3	-10.9	0.11	-1000	-288.2	57772.6	0.0	0.07
285.0	0.0	57754.1	-0.9	0.11	-1000	-386.8	57739.9	-10.0	0.08	-1000	-286.8	57770.7	-1.2	0.12
286.7	0.0	57753.7	-0.8	0.08	-1000	-385.3	57741.1	-9.2	0.07	-1000	-285.3	57767.4	-1.8	0.07
288.3	0.0	57755.4	-1.7	0.11	-1000	-383.8	57744.8	-7.4	0.13	-1000	-283.8	57767.5	-1.7	0.07
290.0	0.0	57759.2	-0.6	0.13	-1000	-382.4	57747.8	-7.1	0.07	-1000	-282.4	57796.9	57.8	0.13
291.7	0.0	57765.9	0.0	0.09	-1000	-380.9	57728.2	-54.2	0.11	-1000	-280.9	57767.0	-1.5	0.07
293.3	0.0	57773.5	1.0	0.10	-1000	-379.4	57753.9	-6.2	0.07	-1000	-279.4	57767.2	-1.1	0.12
295.0	0.0	57784.0	4.4	0.19	-1000	-377.9	57752.7	-6.7	0.08	-1000	-277.9	57767.0	-2.0	0.06
296.7	0.0	57795.8	7.6	0.18	-1000	-376.5	57756.3	-5.5	0.08	-1000	-276.5	57766.5	-2.3	0.07
298.3	0.0	57799.3	6.8	0.12	-1000	-375.0	57782.9	52.7	0.16	-1000	-275.0	57767.3	-2.0	0.07
300.0	0.0	57800.5	5.0	0.13	-1000	-373.6	57751.6	-8.7	0.08	-1000	-273.6	57770.9	-1.0	0.10
-1000	-475.0	57761.3	-0.8	0.07	-1000	-372.2	57746.6	-10.0	0.19	-1000	-272.2	57773.2	-0.6	0.07
-1000	-473.5	57763.1	-1.9	0.08	-1000	-370.8	57742.0	-10.3	0.07	-1000	-270.8	57775.2	0.2	0.08
-1000	-472.1	57765.2	-1.4	0.17	-1000	-369.4	57742.2	-12.1	0.13	-1000	-269.4	57777.4	0.4	0.06
-1000	-470.6	57770.2	59.4	0.10	-1000	-368.1	57747.7	-9.1	0.07	-1000	-268.1	57777.8	0.4	0.10
-1000	-469.1	57777.5	0.1	0.07	-1000	-366.7	57747.6	-9.4	0.13	-1000	-266.7	57777.2	1.0	0.07
-1000	-467.6	57782.6	0.1	0.09	-1000	-365.3	57778.0	46.2	0.15	-1000	-265.3	57774.6	0.5	0.08
-1000	-466.2	57782.2	-1.0	0.09	-1000	-363.9	57758.4	-4.9	0.07	-1000	-263.9	57774.5	0.4	0.10
-1000	-464.7	57781.6	-1.5	0.07	-1000	-362.5	57767.7	0.9	0.07	-1000	-262.5	57771.6	-1.0	0.08
-1000	-463.2	57782.3	-2.2	0.08	-1000	-361.1	57774.1	4.3	0.07	-1000	-261.1	57768.9	-1.5	0.07
-1000	-461.8	57784.3	-1.1	0.08	-1000	-359.7	57769.1	-11.8	0.13	-1000	-259.7	57764.0	-3.6	0.11
-1000	-460.3	57787.0	-0.4	0.07	-1000	-358.3	57775.4	-8.2	0.15	-1000	-258.3	57759.7	-6.3	0.08
-1000	-458.8	57789.6	1.4	0.07	-1000	-356.9	57786.8	7.4	0.10	-1000	-256.9	57765.5	-3.6	0.08
-1000	-457.4	57791.7	0.8	0.15	-1000	-355.6	57780.5	0.2	0.08	-1000	-255.6	57753.4	-43.5	0.09
-1000	-455.9	57795.1	2.5	0.09	-1000	-354.2	57779.1	-0.1	0.07	-1000	-254.2	57782.5	3.8	0.14
-1000	-454.4	57796.3	3.0	0.07	-1000	-352.8	57777.2	-1.8	0.07	-1000	-252.8	57790.0	5.8	0.07
-1000	-452.9	57794.1	0.9	0.07	-1000	-351.4	57772.0	-2.9	0.12	-1000	-251.4	57789.8	3.5	0.07
-1000	-451.5	57789.1	-0.9	0.08	-1000	-350.0	57769.7	-2.1	0.15	-1000	-250.0	57793.1	3.5	0.08
-1000	-450.0	57785.9	-2.1	0.09	-1000	-348.6	57768.1	-0.4	0.13	-1000	-248.3	57802.0	8.1	0.06
-1000	-448.4	57783.5	-2.0	0.10	-1000	-347.2	57765.7	0.5	0.07	-1000	-246.7	57802.1	6.6	0.07

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-1000	-245.0	57796.3	2.4	0.13	-1000	-141.2	57769.4	-0.3	0.14	-1000	-40.3	57773.2	-1.4	0.09
-1000	-243.3	57790.5	-0.5	0.07	-1000	-139.7	57764.1	-3.1	0.07	-1000	-38.9	57775.7	0.7	0.06
-1000	-241.7	57788.5	1.3	0.08	-1000	-138.2	57759.8	-5.4	0.13	-1000	-37.5	57780.7	2.7	0.07
-1000	-240.0	57784.2	-0.9	0.11	-1000	-136.8	57760.3	-4.8	0.09	-1000	-36.1	57781.3	1.9	0.07
-1000	-238.3	57778.7	-3.8	0.07	-1000	-135.3	57758.8	33.1	0.11	-1000	-34.7	57779.1	0.0	0.09
-1000	-236.7	57778.5	-2.2	0.08	-1000	-133.8	57762.1	-4.4	0.06	-1000	-33.3	57778.1	-0.4	0.06
-1000	-235.0	57778.6	-2.8	0.07	-1000	-132.4	57763.5	-6.2	0.14	-1000	-31.9	57779.0	0.3	0.07
-1000	-233.3	57811.4	58.5	0.15	-1000	-130.9	57766.8	-3.4	0.07	-1000	-30.6	57781.1	1.5	0.08
-1000	-231.7	57784.5	0.1	0.08	-1000	-129.4	57770.9	-1.1	0.07	-1000	-29.2	57779.2	0.3	0.06
-1000	-230.0	57790.7	2.0	0.15	-1000	-127.9	57775.2	-0.9	0.06	-1000	-27.8	57780.6	0.5	0.10
-1000	-228.3	57795.9	4.6	0.14	-1000	-126.5	57776.5	-0.1	0.07	-1000	-26.4	57776.9	-1.1	0.07
-1000	-226.7	57791.7	0.7	0.09	-1000	-125.0	57775.0	-0.2	0.07	-1000	-25.0	57773.6	-0.6	0.13
-1000	-225.0	57790.5	0.7	0.09	-1000	-123.5	57775.5	0.5	0.06	-1000	-23.6	57774.9	-1.9	0.07
-1000	-223.4	57787.1	0.0	0.07	-1000	-122.1	57776.9	2.1	0.07	-1000	-22.2	57775.2	-1.6	0.09
-1000	-221.9	57787.7	1.1	0.11	-1000	-120.6	57774.6	0.3	0.11	-1000	-20.8	57776.4	-1.8	0.06
-1000	-220.3	57817.4	60.7	0.16	-1000	-119.1	57773.6	-0.8	0.11	-1000	-19.4	57777.0	-1.7	0.09
-1000	-218.8	57787.8	0.6	0.07	-1000	-117.6	57776.3	2.8	0.07	-1000	-18.1	57778.9	-1.5	0.06
-1000	-217.2	57785.3	-2.5	0.07	-1000	-116.2	57776.1	1.7	0.11	-1000	-16.7	57779.7	-1.2	0.08
-1000	-215.6	57787.1	-2.7	0.07	-1000	-114.7	57775.4	-0.3	0.08	-1000	-15.3	57780.8	-2.0	0.10
-1000	-214.1	57762.2	-63.6	0.14	-1000	-113.2	57774.0	0.5	0.09	-1000	-13.9	57781.6	-2.1	0.11
-1000	-212.5	57828.2	64.0	0.12	-1000	-111.8	57770.8	-0.9	0.17	-1000	-12.5	57781.9	-1.6	0.08
-1000	-210.9	57799.5	5.6	0.11	-1000	-110.3	57769.2	-1.9	0.13	-1000	-11.1	57783.2	-0.6	0.12
-1000	-209.4	57796.2	3.1	0.11	-1000	-108.8	57768.8	-1.8	0.08	-1000	-9.7	57784.5	-1.8	0.06
-1000	-207.8	57792.4	2.8	0.08	-1000	-107.4	57769.3	-2.1	0.06	-1000	-8.3	57816.2	58.1	0.12
-1000	-206.3	57788.0	3.4	0.07	-1000	-105.9	57768.1	-1.3	0.09	-1000	-6.9	57795.4	4.6	0.08
-1000	-204.7	57778.7	-0.2	0.06	-1000	-104.4	57768.1	-0.8	0.07	-1000	-5.6	57798.9	2.1	0.08
-1000	-203.1	57768.3	-2.6	0.13	-1000	-102.9	57765.2	-1.1	0.07	-1000	-4.2	57803.4	2.6	0.13
-1000	-201.6	57756.0	-5.7	0.08	-1000	-101.5	57763.7	-2.0	0.07	-1000	-2.8	57811.3	7.3	0.10
-1000	-200.0	57748.8	-6.7	0.07	-1000	-100.0	57761.7	-3.8	0.07	-1000	-1.4	57816.8	10.3	0.08
-1000	-198.6	57745.7	-5.9	0.07	-1000	-98.4	57760.9	-4.0	0.07	-1000	0.0	57813.6	8.2	0.08
-1000	-197.2	57740.2	-6.4	0.18	-1000	-96.9	57762.5	-3.6	0.08	-900	-525.0	57769.6	0.2	0.10
-1000	-195.8	57770.6	55.2	0.13	-1000	-95.3	57787.6	42.6	0.13	-900	-523.3	57767.9	-1.9	0.07
-1000	-194.4	57742.5	-2.9	0.07	-1000	-93.8	57744.6	-48.8	0.10	-900	-521.7	57769.7	-3.4	0.07
-1000	-193.1	57746.8	-2.0	0.07	-1000	-92.2	57772.6	2.1	0.07	-900	-520.0	57777.5	1.3	0.08
-1000	-191.7	57719.7	-61.3	0.12	-1000	-90.6	57773.9	3.1	0.07	-900	-518.3	57779.9	0.3	0.07
-1000	-190.3	57751.9	-0.9	0.07	-1000	-89.1	57769.7	-1.6	0.10	-900	-516.7	57783.4	0.4	0.08
-1000	-188.9	57754.8	-1.4	0.07	-1000	-87.5	57769.8	-0.8	0.09	-900	-515.0	57757.0	-58.5	0.15
-1000	-187.5	57757.5	-2.2	0.07	-1000	-85.9	57801.0	58.7	0.13	-900	-513.3	57792.5	2.0	0.09
-1000	-186.1	57758.5	-0.2	0.07	-1000	-84.4	57772.8	-0.1	0.08	-900	-511.7	57787.1	-12.7	0.15
-1000	-184.7	57759.6	-0.3	0.15	-1000	-82.8	57769.8	-1.8	0.13	-900	-510.0	57792.1	1.7	0.13
-1000	-183.3	57760.1	-1.7	0.18	-1000	-81.3	57764.1	-11.3	0.10	-900	-508.3	57789.2	1.2	0.10
-1000	-181.9	57763.3	-0.6	0.07	-1000	-79.7	57814.0	31.7	0.07	-900	-506.7	57786.4	0.1	0.08
-1000	-180.6	57764.0	0.2	0.15	-1000	-78.1	57835.1	41.5	0.07	-900	-505.0	57785.1	-0.2	0.08
-1000	-179.2	57766.3	3.4	0.15	-1000	-76.6	57780.3	-4.8	0.07	-900	-503.3	57784.0	1.2	0.07
-1000	-177.8	57759.3	-3.5	0.10	-1000	-75.0	57776.1	-3.5	0.07	-900	-501.7	57785.0	1.3	0.07
-1000	-176.4	57759.0	-3.4	0.07	-1000	-73.6	57769.7	-5.2	0.07	-900	-500.0	57784.5	2.0	0.07
-1000	-175.0	57761.2	-2.1	0.14	-1000	-72.2	57767.6	-4.0	0.07	-900	-498.4	57783.9	1.7	0.10
-1000	-173.5	57763.0	-0.9	0.09	-1000	-70.8	57765.4	-4.3	0.08	-900	-496.9	57784.2	2.5	0.07
-1000	-172.1	57797.7	60.8	0.12	-1000	-69.4	57767.4	-4.0	0.07	-900	-495.3	57787.3	3.8	0.09
-1000	-170.6	57766.4	-11.2	0.11	-1000	-68.1	57766.6	-3.7	0.07	-900	-493.8	57785.0	1.3	0.10
-1000	-169.1	57773.9	1.1	0.06	-1000	-66.7	57792.8	53.8	0.13	-900	-492.2	57783.4	0.9	0.15
-1000	-167.6	57745.3	-57.7	0.14	-1000	-65.3	57760.1	-11.9	0.07	-900	-490.6	57784.4	0.7	0.07
-1000	-166.2	57774.0	-1.1	0.11	-1000	-63.9	57767.2	-6.6	0.07	-900	-489.1	57786.9	1.6	0.09
-1000	-164.7	57771.4	-3.5	0.10	-1000	-62.5	57780.2	4.6	0.06	-900	-487.5	57788.1	2.9	0.11
-1000	-163.2	57772.2	-1.3	0.13	-1000	-61.1	57783.5	6.7	0.08	-900	-485.9	57788.7	3.3	0.07
-1000	-161.8	57748.4	-56.9	0.09	-1000	-59.7	57781.7	3.8	0.09	-900	-484.4	57787.9	3.3	0.07
-1000	-160.3	57780.6	3.5	0.07	-1000	-58.3	57779.3	1.9	0.09	-900	-482.8	57786.1	3.2	0.07
-1000	-158.8	57777.6	2.4	0.11	-1000	-56.9	57780.7	6.1	0.07	-900	-481.3	57783.2	2.2	0.16
-1000	-157.4	57772.5	-1.9	0.08	-1000	-55.6	57776.7	2.2	0.07	-900	-479.7	57780.9	-0.3	0.17
-1000	-155.9	57761.3	-4.7	0.12	-1000	-54.2	57771.1	-0.9	0.15	-900	-478.1	57778.5	-0.1	0.11
-1000	-154.4	57759.1	-5.1	0.08	-1000	-52.8	57768.1	-3.2	0.06	-900	-476.6	57779.5	1.3	0.14
-1000	-152.9	57762.7	-3.8	0.11	-1000	-51.4	57767.4	-2.9	0.06	-900	-475.0	57778.3	-0.4	0.08
-1000	-151.5	57764.8	-1.7	0.06	-1000	-50.0	57768.8	-1.5	0.07	-900	-473.4	57759.8	-36.2	0.15
-1000	-150.0	57767.8	-1.1	0.07	-1000	-48.6	57769.0	-1.5	0.07	-900	-471.9	57748.8	-58.0	0.13
-1000	-148.5	57767.3	-2.3	0.07	-1000	-47.2	57768.9	-2.1	0.06	-900	-470.3	57779.2	0.4	0.08
-1000	-147.1	57768.3	-2.7	0.08	-1000	-45.8	57769.5	-2.7	0.07	-900	-468.8	57780.4	1.2	0.07
-1000	-145.6	57770.2	-0.2	0.08	-1000	-44.4	57769.7	-1.9	0.11	-900	-467.2	57783.5	3.0	0.09
-1000	-144.1	57774.1	0.9	0.07	-1000	-43.1	57770.4	-1.4	0.07	-900	-465.6	57784.1	3.5	0.06
-1000	-142.6	57775.3	1.9	0.07	-1000	-41.7	57741.3	-61.3	0.11	-900	-464.1	57779.5	1.4	0.11

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-900	-462.5	57779.2	0.7	0.09	-900	-357.8	57773.9	1.5	0.07	-900	-256.3	57773.8	0.3	0.11
-900	-460.9	57781.3	1.1	0.07	-900	-356.3	57777.8	3.1	0.14	-900	-254.7	57771.9	-0.7	0.07
-900	-459.4	57784.2	3.6	0.15	-900	-354.7	57778.6	2.0	0.15	-900	-253.1	57771.8	0.3	0.10
-900	-457.8	57786.1	4.2	0.20	-900	-353.1	57778.8	3.4	0.06	-900	-251.6	57773.8	0.9	0.07
-900	-456.3	57783.3	3.6	0.18	-900	-351.6	57749.1	-56.0	0.10	-900	-250.0	57743.8	-58.9	0.16
-900	-454.7	57775.9	-6.0	0.09	-900	-350.0	57754.4	-55.3	0.14	-900	-248.5	57776.9	1.8	0.08
-900	-453.1	57779.2	2.1	0.06	-900	-348.5	57753.4	-53.7	0.11	-900	-247.1	57780.7	2.9	0.10
-900	-451.6	57780.9	4.5	0.07	-900	-347.1	57750.1	-54.2	0.13	-900	-245.6	57781.2	3.5	0.08
-900	-450.0	57781.5	6.0	0.15	-900	-345.6	57776.1	1.7	0.10	-900	-244.1	57784.5	5.1	0.07
-900	-448.5	57774.6	3.8	0.12	-900	-344.1	57774.7	2.5	0.10	-900	-242.6	57786.1	4.2	0.08
-900	-447.1	57767.5	-1.6	0.07	-900	-342.6	57771.6	2.6	0.09	-900	-241.2	57781.2	-5.2	0.14
-900	-445.6	57767.0	-3.1	0.10	-900	-341.2	57767.4	0.6	0.06	-900	-239.7	57785.7	6.6	0.10
-900	-444.1	57772.9	-0.4	0.13	-900	-339.7	57758.6	-10.8	0.12	-900	-238.2	57785.9	5.6	0.07
-900	-442.6	57773.3	-0.2	0.12	-900	-338.2	57771.5	9.7	0.11	-900	-236.8	57751.3	-53.3	0.18
-900	-441.2	57774.9	-0.7	0.12	-900	-336.8	57767.7	4.2	0.14	-900	-235.3	57778.2	5.7	0.08
-900	-439.7	57751.8	-53.4	0.15	-900	-335.3	57763.9	2.0	0.07	-900	-233.8	57770.0	4.4	0.09
-900	-438.2	57779.3	1.3	0.09	-900	-333.8	57760.3	0.7	0.07	-900	-232.4	57763.6	1.7	0.07
-900	-436.8	57782.2	3.6	0.08	-900	-332.4	57760.4	1.8	0.18	-900	-230.9	57754.6	-2.6	0.07
-900	-435.3	57785.5	6.5	0.09	-900	-330.9	57759.5	3.0	0.21	-900	-229.4	57753.6	-3.1	0.06
-900	-433.8	57724.8	-113.8	0.25	-900	-329.4	57757.4	1.5	0.08	-900	-227.9	57757.4	-2.4	0.17
-900	-432.4	57782.3	5.1	0.09	-900	-327.9	57754.0	0.4	0.18	-900	-226.5	57760.5	-0.9	0.13
-900	-430.9	57777.7	2.5	0.07	-900	-326.5	57750.9	-0.9	0.06	-900	-225.0	57765.4	0.7	0.07
-900	-429.4	57776.6	1.4	0.07	-900	-325.0	57748.9	-1.6	0.07	-900	-223.7	57770.2	3.8	0.07
-900	-427.9	57744.0	-72.2	0.17	-900	-323.6	57750.3	-1.2	0.07	-900	-222.4	57770.3	4.2	0.11
-900	-426.5	57782.1	2.7	0.14	-900	-322.2	57753.5	-0.2	0.07	-900	-221.1	57766.1	2.8	0.10
-900	-425.0	57784.0	2.9	0.14	-900	-320.8	57755.1	0.3	0.08	-900	-219.7	57762.7	2.7	0.15
-900	-423.3	57784.9	4.3	0.08	-900	-319.4	57755.7	-0.1	0.15	-900	-218.4	57759.0	2.0	0.09
-900	-421.7	57789.7	5.5	0.12	-900	-318.1	57756.7	-0.1	0.08	-900	-217.1	57755.1	-0.7	0.07
-900	-420.0	57790.8	9.7	0.12	-900	-316.7	57757.8	1.0	0.07	-900	-215.8	57754.6	-1.4	0.08
-900	-418.3	57780.6	0.4	0.07	-900	-315.3	57760.9	2.3	0.10	-900	-214.5	57756.6	-1.0	0.07
-900	-416.7	57775.9	0.7	0.09	-900	-313.9	57685.7	-145.9	0.10	-900	-213.2	57729.2	-58.7	0.13
-900	-415.0	57775.9	-1.2	0.09	-900	-312.5	57759.1	1.8	0.08	-900	-211.8	57731.8	-58.6	0.17
-900	-413.3	57779.1	0.1	0.18	-900	-311.1	57759.2	0.4	0.12	-900	-210.5	57763.0	1.0	0.08
-900	-411.7	57783.3	0.2	0.09	-900	-309.7	57757.5	1.2	0.07	-900	-209.2	57766.7	2.3	0.07
-900	-410.0	57791.0	4.8	0.08	-900	-308.3	57754.1	1.4	0.07	-900	-207.9	57767.5	4.3	0.07
-900	-408.3	57792.3	5.7	0.09	-900	-306.9	57752.4	0.1	0.12	-900	-206.6	57765.2	4.0	0.07
-900	-406.7	57791.0	4.8	0.11	-900	-305.6	57750.2	-1.4	0.07	-900	-205.3	57764.2	2.6	0.09
-900	-405.0	57787.1	2.0	0.19	-900	-304.2	57750.0	-1.2	0.10	-900	-203.9	57762.8	2.5	0.10
-900	-403.3	57781.7	-5.4	0.08	-900	-302.8	57754.8	-0.5	0.09	-900	-202.6	57763.0	1.0	0.09
-900	-401.7	57782.3	2.3	0.08	-900	-301.4	57640.2	-237.1	0.24	-900	-201.3	57761.7	1.1	0.11
-900	-400.0	57778.7	1.8	0.07	-900	-300.0	57762.0	3.1	0.16	-900	-200.0	57761.6	0.9	0.09
-900	-398.6	57774.8	1.1	0.07	-900	-298.5	57761.0	2.4	0.12	-900	-198.7	57761.8	1.1	0.07
-900	-397.2	57770.0	1.7	0.07	-900	-297.1	57762.4	1.9	0.06	-900	-197.4	57762.5	1.6	0.07
-900	-395.8	57763.2	-0.6	0.11	-900	-295.6	57761.1	0.9	0.07	-900	-196.1	57705.6	-111.9	0.18
-900	-394.4	57759.1	-4.8	0.07	-900	-294.1	57761.2	1.0	0.10	-900	-194.7	57762.2	0.7	0.08
-900	-393.1	57761.9	-3.0	0.09	-900	-292.6	57766.2	1.8	0.08	-900	-193.4	57762.3	0.5	0.07
-900	-391.7	57771.0	0.6	0.08	-900	-291.2	57765.8	3.3	0.10	-900	-192.1	57763.1	0.2	0.09
-900	-390.3	57777.3	3.5	0.08	-900	-289.7	57763.4	2.4	0.08	-900	-190.8	57764.9	0.3	0.07
-900	-388.9	57780.7	4.7	0.14	-900	-288.2	57761.9	1.9	0.10	-900	-189.5	57764.8	1.0	0.07
-900	-387.5	57782.4	4.7	0.08	-900	-286.8	57760.5	1.4	0.10	-900	-188.2	57766.4	0.8	0.09
-900	-386.1	57778.9	3.3	0.10	-900	-285.3	57758.9	-0.3	0.14	-900	-186.8	57770.1	0.4	0.08
-900	-384.7	57778.9	2.2	0.13	-900	-283.8	57758.3	-0.1	0.09	-900	-185.5	57775.1	0.7	0.09
-900	-383.3	57778.3	0.9	0.14	-900	-282.4	57756.3	-0.6	0.08	-900	-184.2	57783.1	3.2	0.10
-900	-381.9	57780.0	3.8	0.14	-900	-280.9	57757.4	-0.5	0.10	-900	-182.9	57785.3	4.5	0.07
-900	-380.6	57778.3	1.9	0.07	-900	-279.4	57757.9	0.2	0.08	-900	-181.6	57791.2	6.1	0.11
-900	-379.2	57775.2	1.6	0.21	-900	-277.9	57757.6	-0.5	0.09	-900	-180.3	57791.5	5.1	0.09
-900	-377.8	57774.6	1.8	0.08	-900	-276.5	57760.2	-3.0	0.13	-900	-178.9	57789.7	4.6	0.18
-900	-376.4	57777.3	1.4	0.13	-900	-275.0	57773.4	-2.1	0.07	-900	-177.6	57789.6	5.5	0.11
-900	-375.0	57780.8	3.7	0.11	-900	-273.4	57821.8	48.7	0.07	-900	-176.3	57787.6	4.2	0.07
-900	-373.4	57784.4	4.6	0.08	-900	-271.9	57791.9	25.0	0.10	-900	-175.0	57785.1	4.6	0.16
-900	-371.9	57785.5	7.3	0.08	-900	-270.3	57757.6	-21.8	0.10	-900	-173.6	57780.7	3.2	0.08
-900	-370.3	57755.5	-51.5	0.15	-900	-268.8	57767.7	-0.7	0.13	-900	-172.2	57779.3	3.6	0.07
-900	-368.8	57780.4	7.3	0.08	-900	-267.2	57773.0	-0.2	0.13	-900	-170.8	57776.8	0.3	0.11
-900	-367.2	57772.4	2.4	0.14	-900	-265.6	57781.4	2.4	0.12	-900	-169.4	57776.1	2.3	0.11
-900	-365.6	57764.6	0.2	0.10	-900	-264.1	57785.2	4.9	0.08	-900	-168.1	57776.6	2.7	0.12
-900	-364.1	57762.0	-4.4	0.07	-900	-262.5	57784.1	5.6	0.09	-900	-166.7	57776.9	3.4	0.08
-900	-362.5	57761.0	-3.6	0.12	-900	-260.9	57782.7	3.3	0.12	-900	-165.3	57777.6	4.3	0.09
-900	-360.9	57765.7	-1.8	0.07	-900	-259.4	57780.3	3.1	0.08	-900	-163.9	57776.1	4.9	0.10
-900	-359.4	57770.4	0.2	0.09	-900	-257.8	57777.4	2.5	0.13	-900	-162.5	57772.9	3.2	0.08

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-900	-161.1	57768.3	1.0	0.09	-900	-73.5	57807.6	1.9	0.07	-800	-502.6	57780.5	2.2	0.11
-900	-159.7	57765.5	-0.4	0.07	-900	-72.1	57809.1	3.4	0.07	-800	-501.3	57787.9	4.0	0.07
-900	-158.3	57764.7	0.5	0.07	-900	-70.6	57810.4	4.5	0.12	-800	-500.0	57788.1	4.5	0.07
-900	-156.9	57764.1	0.0	0.18	-900	-69.1	57805.5	1.9	0.07	-800	-498.7	57787.3	4.9	0.08
-900	-155.6	57765.3	0.9	0.08	-900	-67.6	57803.8	-0.5	0.08	-800	-497.4	57784.2	3.1	0.07
-900	-154.2	57765.8	1.0	0.09	-900	-66.2	57805.2	1.0	0.13	-800	-496.1	57778.5	-0.8	0.07
-900	-152.8	57769.6	1.0	0.11	-900	-64.7	57809.2	3.8	0.09	-800	-494.7	57774.2	-2.5	0.07
-900	-151.4	57741.7	-59.1	0.13	-900	-63.2	57775.3	-58.1	0.11	-800	-493.4	57770.6	-3.3	0.07
-900	-150.0	57772.3	1.5	0.07	-900	-61.8	57800.0	-0.9	0.07	-800	-492.1	57770.1	-3.0	0.07
-900	-148.7	57772.9	2.3	0.11	-900	-60.3	57799.3	-2.9	0.10	-800	-490.8	57770.1	-2.4	0.10
-900	-147.4	57805.1	63.1	0.14	-900	-58.8	57804.4	-1.6	0.13	-800	-489.5	57770.9	-2.4	0.07
-900	-146.1	57776.5	3.9	0.10	-900	-57.4	57779.4	-56.7	0.16	-800	-488.2	57742.2	-61.1	0.15
-900	-144.7	57776.8	3.8	0.08	-900	-55.9	57814.0	5.6	0.10	-800	-486.8	57773.2	-2.3	0.07
-900	-143.4	57776.6	4.6	0.08	-900	-54.4	57814.7	2.9	0.09	-800	-485.5	57777.5	1.3	0.07
-900	-142.1	57773.7	2.9	0.07	-900	-52.9	57815.2	5.7	0.20	-800	-484.2	57779.7	0.9	0.14
-900	-140.8	57775.2	1.8	0.09	-900	-51.5	57812.7	5.0	0.07	-800	-482.9	57780.1	-0.2	0.07
-900	-139.5	57775.5	0.7	0.09	-900	-50.0	57811.5	3.8	0.07	-800	-481.6	57778.6	-1.0	0.07
-900	-138.2	57778.8	1.7	0.10	-900	-48.5	57842.9	63.3	0.13	-800	-480.3	57776.4	-3.2	0.08
-900	-136.8	57783.3	2.6	0.07	-900	-47.1	57813.8	5.0	0.16	-800	-478.9	57775.5	-3.9	0.07
-900	-135.5	57730.0	-113.8	0.17	-900	-45.6	57808.8	1.8	0.10	-800	-477.6	57781.0	-0.7	0.06
-900	-134.2	57794.3	7.7	0.07	-900	-44.1	57807.0	1.0	0.13	-800	-476.3	57780.0	-1.1	0.07
-900	-132.9	57795.4	7.6	0.09	-900	-42.6	57806.2	1.8	0.12	-800	-475.0	57781.9	-1.3	0.07
-900	-131.6	57765.5	-46.6	0.21	-900	-41.2	57806.7	4.6	0.18	-800	-473.7	57784.2	1.1	0.07
-900	-130.3	57787.4	4.1	0.12	-900	-39.7	57806.8	5.4	0.08	-800	-472.4	57786.5	2.7	0.07
-900	-128.9	57783.2	3.5	0.07	-900	-38.2	57803.6	4.3	0.17	-800	-471.1	57790.0	3.7	0.10
-900	-127.6	57780.2	2.4	0.07	-900	-36.8	57801.2	2.9	0.09	-800	-469.7	57791.2	3.1	0.06
-900	-126.3	57778.1	2.5	0.09	-900	-35.3	57802.0	4.9	0.08	-800	-468.4	57792.7	2.8	0.07
-900	-125.0	57777.1	1.9	0.15	-900	-33.8	57798.7	4.6	0.07	-800	-467.1	57790.9	2.9	0.07
-900	-123.8	57776.8	2.2	0.07	-900	-32.4	57792.1	3.3	0.07	-800	-465.8	57790.8	2.8	0.07
-900	-122.6	57775.3	2.2	0.12	-900	-30.9	57786.4	-0.3	0.09	-800	-464.5	57788.8	1.9	0.10
-900	-121.4	57774.8	1.4	0.11	-900	-29.4	57783.0	-0.1	0.09	-800	-463.2	57785.9	1.1	0.08
-900	-120.2	57775.0	1.0	0.09	-900	-27.9	57786.2	8.0	0.08	-800	-461.8	57782.9	-0.7	0.07
-900	-119.0	57776.0	1.5	0.07	-900	-26.5	57767.1	0.4	0.10	-800	-460.5	57778.0	-2.5	0.09
-900	-117.9	57778.1	3.9	0.10	-900	-25.0	57753.4	-6.2	0.12	-800	-459.2	57775.3	-2.6	0.07
-900	-116.7	57776.6	3.6	0.15	-900	-23.6	57752.3	-6.5	0.09	-800	-457.9	57772.8	-0.8	0.07
-900	-115.5	57775.3	1.9	0.08	-900	-22.2	57755.0	-6.4	0.07	-800	-456.6	57768.9	-3.2	0.07
-900	-114.3	57774.8	1.6	0.11	-900	-20.8	57758.0	-1.9	0.08	-800	-455.3	57761.7	-24.7	0.10
-900	-113.1	57773.9	1.0	0.08	-900	-19.4	57693.4	-139.5	0.14	-800	-453.9	57774.3	-1.1	0.07
-900	-111.9	57774.8	2.4	0.07	-900	-18.1	57759.9	2.7	0.12	-800	-452.6	57776.7	0.0	0.10
-900	-110.7	57773.2	3.2	0.07	-900	-16.7	57757.8	-0.1	0.08	-800	-451.3	57774.7	-2.2	0.07
-900	-109.5	57768.5	0.8	0.07	-900	-15.3	57755.4	-2.0	0.07	-800	-450.0	57771.5	-2.8	0.08
-900	-108.3	57763.5	-4.3	0.10	-900	-13.9	57756.2	-2.5	0.07	-800	-448.7	57772.5	-1.5	0.09
-900	-107.1	57766.1	-2.5	0.10	-900	-12.5	57759.5	-0.9	0.08	-800	-447.4	57771.8	-2.3	0.10
-900	-106.0	57769.3	-0.2	0.10	-900	-11.1	57761.3	0.3	0.09	-800	-446.1	57772.2	-1.4	0.08
-900	-104.8	57770.9	1.3	0.19	-900	-9.7	57752.4	-23.5	0.14	-800	-444.7	57783.8	9.9	0.12
-900	-103.6	57773.7	1.8	0.19	-900	-8.3	57766.6	1.2	0.11	-800	-443.4	57777.8	4.2	0.13
-900	-102.4	57771.2	0.1	0.10	-900	-6.9	57769.2	2.2	0.07	-800	-442.1	57714.4	-59.7	0.08
-900	-101.2	57774.5	-1.6	0.08	-900	-5.6	57770.8	3.0	0.08	-800	-440.8	57746.4	-17.0	0.07
-900	-100.0	57778.7	-0.3	0.07	-900	-4.2	57773.4	3.6	0.10	-800	-439.5	57785.0	28.9	0.13
-900	-98.8	57781.4	1.1	0.12	-900	-2.8	57775.3	2.7	0.09	-800	-438.2	57776.2	-4.1	0.09
-900	-97.5	57788.7	4.4	0.08	-900	-1.4	57774.0	1.3	0.09	-800	-436.8	57781.2	-2.5	0.10
-900	-96.3	57793.7	6.2	0.09	-900	0.0	57775.4	0.4	0.07	-800	-435.5	57788.9	1.7	0.09
-900	-95.0	57791.9	-4.6	0.14	-800	-525.0	57758.3	-2.5	0.07	-800	-434.2	57791.3	4.7	0.10
-900	-93.8	57769.6	-54.5	0.15	-800	-523.7	57759.5	-1.6	0.07	-800	-432.9	57789.9	3.0	0.07
-900	-92.5	57804.2	13.4	0.19	-800	-522.4	57760.5	-1.9	0.07	-800	-431.6	57788.1	8.2	0.12
-900	-91.3	57800.5	5.0	0.08	-800	-521.1	57759.7	-1.9	0.08	-800	-430.3	57781.0	-1.5	0.08
-900	-90.0	57802.5	6.9	0.09	-800	-519.7	57727.1	-62.4	0.10	-800	-428.9	57777.9	-1.0	0.11
-900	-88.8	57798.2	6.0	0.07	-800	-518.4	57758.1	-2.8	0.19	-800	-427.6	57776.3	0.7	0.14
-900	-87.5	57791.8	3.1	0.07	-800	-517.1	57755.2	-3.2	0.14	-800	-426.3	57775.0	0.7	0.07
-900	-86.3	57787.3	-0.1	0.07	-800	-515.8	57756.9	-1.9	0.10	-800	-425.0	57771.1	-3.4	0.07
-900	-85.0	57783.6	-1.8	0.07	-800	-514.5	57758.2	-0.8	0.13	-800	-423.9	57763.1	-9.8	0.07
-900	-83.8	57781.8	-2.9	0.07	-800	-513.2	57760.2	-0.6	0.16	-800	-422.7	57766.2	55.6	0.10
-900	-82.5	57783.8	-4.2	0.07	-800	-511.8	57760.9	-1.5	0.14	-800	-421.6	57770.9	0.4	0.08
-900	-81.3	57787.0	-1.5	0.07	-800	-510.5	57762.1	-2.7	0.07	-800	-420.5	57770.0	0.4	0.07
-900	-80.0	57790.1	-1.5	0.07	-800	-509.2	57762.0	-3.6	0.07	-800	-419.3	57761.3	-4.7	0.15
-900	-78.8	57792.4	-2.7	0.09	-800	-507.9	57760.2	-4.4	0.10	-800	-418.2	57747.3	-10.0	0.13
-900	-77.5	57793.2	-3.4	0.07	-800	-506.6	57763.2	-7.1	0.08	-800	-417.0	57738.6	-4.9	0.10
-900	-76.3	57797.5	-3.2	0.09	-800	-505.3	57768.8	-3.0	0.08	-800	-415.9	57724.1	-1.8	0.10
-900	-75.0	57803.4	-0.1	0.07	-800	-503.9	57777.0	0.0	0.07	-800	-414.8	57776.6	45.0	0.09

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-800	-413.6	57860.8	90.0	0.08	-800	-338.0	57769.8	5.8	0.13	-800	-255.0	57773.4	0.1	0.14
-800	-412.5	57884.3	63.9	0.08	-800	-337.0	57759.9	-2.2	0.07	-800	-253.8	57774.0	-0.3	0.07
-800	-411.4	57835.4	5.7	0.08	-800	-335.9	57748.1	-9.9	0.16	-800	-252.5	57774.4	-0.4	0.07
-800	-410.2	57792.9	-12.4	0.12	-800	-334.8	57728.2	-36.0	0.14	-800	-251.3	57774.5	0.4	0.14
-800	-409.1	57766.8	-10.9	0.07	-800	-333.7	57623.1	-243.9	0.14	-800	-250.0	57776.9	0.3	0.07
-800	-408.0	57759.2	-6.0	0.11	-800	-332.6	57745.9	-1.6	0.08	-800	-248.8	57771.3	-12.0	0.11
-800	-406.8	57753.5	-4.6	0.07	-800	-331.5	57750.3	-1.9	0.12	-800	-247.6	57808.0	60.6	0.12
-800	-405.7	57749.7	-4.6	0.07	-800	-330.4	57782.2	57.6	0.16	-800	-246.4	57779.0	0.2	0.08
-800	-404.5	57772.5	52.1	0.11	-800	-329.3	57753.8	-1.8	0.10	-800	-245.2	57778.1	0.4	0.14
-800	-403.4	57736.7	-9.9	0.12	-800	-328.3	57757.9	-2.4	0.07	-800	-244.0	57778.6	0.7	0.14
-800	-402.3	57740.9	-6.6	0.18	-800	-327.2	57760.4	-2.1	0.14	-800	-242.9	57778.4	0.7	0.08
-800	-401.1	57748.1	-0.1	0.12	-800	-326.1	57762.4	-2.2	0.11	-800	-241.7	57778.1	0.0	0.09
-800	-400.0	57787.1	64.6	0.13	-800	-325.0	57763.5	-0.9	0.07	-800	-240.5	57777.7	-0.3	0.12
-800	-398.9	57759.6	4.1	0.10	-800	-323.8	57766.1	-1.3	0.07	-800	-239.3	57776.4	-0.3	0.07
-800	-397.8	57759.6	1.5	0.09	-800	-322.6	57766.8	-0.9	0.11	-800	-238.1	57775.8	-1.3	0.11
-800	-396.7	57756.9	0.2	0.13	-800	-321.4	57798.2	60.6	0.13	-800	-236.9	57774.7	-1.2	0.09
-800	-395.7	57754.5	-1.4	0.08	-800	-320.2	57771.9	2.3	0.12	-800	-235.7	57773.4	-0.6	0.14
-800	-394.6	57752.4	-1.4	0.07	-800	-319.0	57773.4	3.5	0.08	-800	-234.5	57772.1	0.1	0.14
-800	-393.5	57750.3	-2.8	0.07	-800	-317.9	57773.8	3.0	0.11	-800	-233.3	57773.7	0.0	0.12
-800	-392.4	57749.2	-2.7	0.07	-800	-316.7	57775.0	3.6	0.15	-800	-232.1	57773.2	1.5	0.08
-800	-391.3	57748.4	-2.7	0.07	-800	-315.5	57770.4	1.3	0.14	-800	-231.0	57802.7	61.0	0.16
-800	-390.2	57748.9	-1.8	0.09	-800	-314.3	57768.0	0.7	0.16	-800	-229.8	57772.7	0.9	0.11
-800	-389.1	57747.5	-1.9	0.11	-800	-313.1	57766.1	-0.1	0.07	-800	-228.6	57771.9	0.2	0.08
-800	-388.0	57747.0	-2.0	0.08	-800	-311.9	57763.7	-1.2	0.09	-800	-227.4	57770.5	-0.8	0.11
-800	-387.0	57744.3	-3.2	0.10	-800	-310.7	57759.5	-1.9	0.07	-800	-226.2	57767.7	-1.6	0.07
-800	-385.9	57775.1	56.4	0.17	-800	-309.5	57756.4	-3.8	0.09	-800	-225.0	57767.4	-2.0	0.07
-800	-384.8	57745.3	-3.7	0.07	-800	-308.3	57754.0	-5.0	0.14	-800	-223.8	57765.8	-2.6	0.11
-800	-383.7	57774.7	57.4	0.13	-800	-307.1	57752.6	-5.3	0.08	-800	-222.5	57763.7	-1.5	0.16
-800	-382.6	57747.8	-0.5	0.10	-800	-306.0	57753.3	-4.6	0.17	-800	-221.3	57763.5	-1.2	0.07
-800	-381.5	57718.7	-60.7	0.22	-800	-304.8	57755.2	-3.1	0.07	-800	-220.0	57761.5	-1.4	0.07
-800	-380.4	57750.4	0.4	0.12	-800	-303.6	57758.0	-1.6	0.11	-800	-218.8	57763.2	0.1	0.08
-800	-379.3	57750.9	-1.2	0.07	-800	-302.4	57759.8	-1.0	0.09	-800	-217.5	57762.3	-0.3	0.08
-800	-378.3	57751.1	-1.4	0.09	-800	-301.2	57759.8	-1.1	0.11	-800	-216.3	57762.4	0.7	0.12
-800	-377.2	57751.0	0.2	0.07	-800	-300.0	57761.7	-1.1	0.10	-800	-215.0	57762.0	0.3	0.14
-800	-376.1	57750.5	-0.9	0.07	-800	-298.8	57760.6	-1.3	0.08	-800	-213.8	57760.6	-0.6	0.09
-800	-375.0	57750.6	-1.7	0.07	-800	-297.5	57763.4	-0.8	0.08	-800	-212.5	57760.1	-1.4	0.07
-800	-373.9	57777.9	57.3	0.17	-800	-296.3	57765.6	-1.3	0.07	-800	-211.3	57759.6	-2.1	0.07
-800	-372.8	57741.3	-11.9	0.11	-800	-295.0	57769.0	-0.3	0.07	-800	-210.0	57759.0	-2.4	0.09
-800	-371.7	57746.1	-2.3	0.08	-800	-293.8	57769.8	-0.4	0.11	-800	-208.8	57758.8	-1.9	0.12
-800	-370.7	57746.1	-2.8	0.12	-800	-292.5	57771.2	0.4	0.08	-800	-207.5	57760.5	-0.4	0.08
-800	-369.6	57775.2	56.5	0.16	-800	-291.3	57773.4	0.7	0.10	-800	-206.3	57739.3	-43.9	0.12
-800	-368.5	57745.9	-2.0	0.14	-800	-290.0	57773.4	0.7	0.16	-800	-205.0	57761.3	0.4	0.15
-800	-367.4	57747.9	-2.0	0.12	-800	-288.8	57772.4	-0.2	0.09	-800	-203.8	57762.4	0.6	0.09
-800	-366.3	57750.6	-1.2	0.17	-800	-287.5	57772.6	0.4	0.07	-800	-202.5	57761.7	-0.4	0.11
-800	-365.2	57750.4	-1.4	0.07	-800	-286.3	57772.9	0.2	0.08	-800	-201.3	57760.6	-1.4	0.09
-800	-364.1	57754.1	-0.5	0.07	-800	-285.0	57772.8	1.0	0.11	-800	-200.0	57761.0	-1.4	0.10
-800	-363.0	57755.6	1.2	0.07	-800	-283.8	57772.9	0.8	0.14	-800	-198.8	57761.1	-1.6	0.07
-800	-362.0	57755.4	1.3	0.10	-800	-282.5	57772.1	1.3	0.07	-800	-197.5	57731.2	-61.0	0.13
-800	-360.9	57752.0	-2.6	0.10	-800	-281.3	57759.2	-27.1	0.12	-800	-196.3	57761.2	-1.5	0.07
-800	-359.8	57749.5	-3.6	0.09	-800	-280.0	57773.6	1.6	0.09	-800	-195.0	57762.0	-0.6	0.10
-800	-358.7	57750.3	-3.0	0.13	-800	-278.8	57772.5	0.8	0.07	-800	-193.8	57761.0	-2.2	0.10
-800	-357.6	57735.1	-35.2	0.14	-800	-277.5	57770.8	-0.1	0.08	-800	-192.5	57702.6	-121.5	0.14
-800	-356.5	57756.1	0.0	0.09	-800	-276.3	57767.9	-0.8	0.08	-800	-191.3	57764.8	-2.0	0.07
-800	-355.4	57758.7	0.6	0.07	-800	-275.0	57767.8	-1.7	0.11	-800	-190.0	57772.0	1.2	0.14
-800	-354.3	57759.1	-0.9	0.07	-800	-273.8	57764.3	-1.8	0.07	-800	-188.8	57783.0	5.2	0.07
-800	-353.3	57760.9	-0.9	0.10	-800	-272.5	57763.6	-1.9	0.13	-800	-187.5	57791.3	7.2	0.09
-800	-352.2	57762.7	-2.0	0.08	-800	-271.3	57763.5	-0.7	0.19	-800	-186.3	57795.8	5.3	0.07
-800	-351.1	57765.2	-1.1	0.07	-800	-270.0	57766.3	1.2	0.08	-800	-185.0	57799.8	7.7	0.08
-800	-350.0	57764.5	-1.8	0.07	-800	-268.8	57756.5	-23.3	0.12	-800	-183.8	57802.9	8.4	0.07
-800	-348.9	57764.5	-2.2	0.07	-800	-267.5	57739.5	-59.3	0.15	-800	-182.5	57800.6	7.4	0.13
-800	-347.8	57766.6	-1.3	0.23	-800	-266.3	57741.0	-59.4	0.15	-800	-181.3	57797.2	5.1	0.09
-800	-346.7	57769.3	0.8	0.07	-800	-265.0	57742.9	-59.3	0.14	-800	-180.0	57792.6	2.8	0.07
-800	-345.7	57772.6	1.9	0.09	-800	-263.8	57767.0	-10.2	0.11	-800	-178.8	57786.1	1.1	0.10
-800	-344.6	57768.9	-1.0	0.13	-800	-262.5	57773.5	0.7	0.07	-800	-177.5	57782.4	0.5	0.12
-800	-343.5	57772.4	-0.6	0.07	-800	-261.3	57772.7	0.5	0.12	-800	-176.3	57779.5	0.4	0.07
-800	-342.4	57773.8	0.4	0.08	-800	-260.0	57742.3	-59.0	0.18	-800	-175.0	57774.1	-1.2	0.09
-800	-341.3	57772.3	0.4	0.07	-800	-258.8	57803.8	60.7	0.13	-800	-173.9	57769.3	-2.2	0.07
-800	-340.2	57772.9	4.0	0.07	-800	-257.5	57772.7	0.8	0.12	-800	-172.7	57747.8	-44.8	0.14
-800	-339.1	57774.0	7.6	0.11	-800	-256.3	57774.1	0.6	0.12	-800	-171.6	57769.8	0.1	0.14

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-800	-170.5	57770.8	1.5	0.07	-800	-88.6	57737.6	-60.8	0.20	-800	0.0	57791.8	-0.4	0.06
-800	-169.3	57769.2	0.7	0.07	-800	-87.5	57767.4	0.2	0.16	-700	-532.0	57745.6	-0.3	0.06
-800	-168.2	57767.0	-1.6	0.06	-800	-86.4	57765.7	-1.1	0.14	-700	-530.8	57745.2	0.2	0.06
-800	-167.0	57762.9	-3.6	0.11	-800	-85.2	57765.3	-0.8	0.15	-700	-529.7	57746.0	0.4	0.07
-800	-165.9	57760.6	-4.5	0.07	-800	-84.1	57762.7	-2.3	0.14	-700	-528.5	57744.7	0.0	0.10
-800	-164.8	57759.3	-5.1	0.07	-800	-83.0	57764.0	-2.0	0.07	-700	-527.3	57745.4	0.6	0.07
-800	-163.6	57760.8	-3.6	0.08	-800	-81.8	57761.6	-1.6	0.11	-700	-526.2	57746.1	0.7	0.09
-800	-162.5	57762.6	-2.2	0.06	-800	-80.7	57759.0	-2.0	0.20	-700	-525.0	57746.8	0.4	0.07
-800	-161.4	57765.2	-0.5	0.10	-800	-79.5	57788.8	57.2	0.13	-700	-523.7	57744.4	0.7	0.07
-800	-160.2	57766.8	0.2	0.12	-800	-78.4	57756.2	-3.5	0.07	-700	-522.4	57743.3	0.1	0.06
-800	-159.1	57768.4	-1.5	0.10	-800	-77.3	57754.7	-4.4	0.06	-700	-521.1	57744.0	-1.2	0.12
-800	-158.0	57768.1	-1.3	0.06	-800	-76.1	57754.9	-6.2	0.09	-700	-519.7	57745.0	-1.4	0.09
-800	-156.8	57766.7	-1.6	0.07	-800	-75.0	57755.7	-8.7	0.09	-700	-518.4	57745.8	-2.2	0.08
-800	-155.7	57767.5	-1.9	0.07	-800	-73.7	57766.4	-2.6	0.08	-700	-517.1	57748.8	-1.6	0.08
-800	-154.5	57767.2	-1.2	0.15	-800	-72.4	57788.4	12.0	0.16	-700	-515.8	57752.6	0.6	0.13
-800	-153.4	57767.8	0.1	0.07	-800	-71.1	57735.9	-107.6	0.21	-700	-514.5	57754.6	1.6	0.09
-800	-152.3	57738.3	-59.4	0.18	-800	-69.7	57792.8	5.3	0.16	-700	-513.2	57756.2	1.5	0.16
-800	-151.1	57787.8	39.8	0.18	-800	-68.4	57785.3	1.1	0.17	-700	-511.8	57755.6	1.7	0.09
-800	-150.0	57767.7	-1.5	0.10	-800	-67.1	57780.7	-0.6	0.07	-700	-510.5	57755.7	0.2	0.08
-800	-148.8	57768.6	0.8	0.09	-800	-65.8	57774.4	-2.8	0.10	-700	-509.2	57756.9	-0.4	0.07
-800	-147.6	57772.8	2.2	0.07	-800	-64.5	57769.1	-4.9	0.12	-700	-507.9	57759.7	-0.3	0.08
-800	-146.4	57757.5	-27.2	0.09	-800	-63.2	57766.9	-4.4	0.11	-700	-506.6	57763.0	0.6	0.07
-800	-145.2	57771.6	1.1	0.07	-800	-61.8	57770.6	1.6	0.12	-700	-505.3	57675.6	-178.1	0.14
-800	-144.0	57770.6	-0.4	0.07	-800	-60.5	57764.6	-5.1	0.13	-700	-503.9	57768.8	1.1	0.09
-800	-142.9	57771.3	-1.0	0.09	-800	-59.2	57760.8	-5.4	0.16	-700	-502.6	57771.1	1.7	0.08
-800	-141.7	57773.9	-0.7	0.08	-800	-57.9	57731.4	-63.9	0.24	-700	-501.3	57773.6	3.4	0.07
-800	-140.5	57775.3	0.2	0.10	-800	-56.6	57766.6	-0.6	0.18	-700	-500.0	57745.4	-55.5	0.12
-800	-139.3	57748.5	-58.6	0.22	-800	-55.3	57742.6	-57.8	0.14	-700	-498.9	57776.2	4.5	0.07
-800	-138.1	57780.6	1.6	0.14	-800	-53.9	57776.9	3.7	0.12	-700	-497.7	57776.5	4.3	0.10
-800	-136.9	57783.3	2.4	0.09	-800	-52.6	57778.9	2.2	0.13	-700	-496.6	57776.1	5.1	0.17
-800	-135.7	57782.5	2.1	0.21	-800	-51.3	57773.7	-0.6	0.10	-700	-495.5	57744.7	-55.0	0.18
-800	-134.5	57783.3	3.2	0.13	-800	-50.0	57766.8	-4.7	0.07	-700	-494.3	57774.2	5.0	0.17
-800	-133.3	57779.5	0.6	0.11	-800	-48.7	57760.4	-7.9	0.13	-700	-493.2	57773.3	4.8	0.07
-800	-132.1	57771.7	-2.5	0.15	-800	-47.4	57763.2	-4.0	0.10	-700	-492.0	57770.2	3.7	0.07
-800	-131.0	57739.3	-62.7	0.21	-800	-46.1	57770.9	1.9	0.07	-700	-490.9	57770.7	2.8	0.13
-800	-129.8	57766.4	-3.2	0.24	-800	-44.7	57775.4	2.6	0.06	-700	-489.8	57768.1	0.8	0.09
-800	-128.6	57742.9	-47.1	0.13	-800	-43.4	57775.7	0.7	0.09	-700	-488.6	57766.6	0.3	0.08
-800	-127.4	57768.1	-2.0	0.16	-800	-42.1	57766.6	-19.2	0.10	-700	-487.5	57769.2	1.9	0.11
-800	-126.2	57766.2	-2.4	0.08	-800	-40.8	57778.8	0.3	0.17	-700	-486.4	57769.7	3.8	0.07
-800	-125.0	57768.9	-2.7	0.16	-800	-39.5	57783.4	2.6	0.08	-700	-485.2	57766.2	2.2	0.09
-800	-123.8	57710.0	-120.1	0.18	-800	-38.2	57784.9	2.4	0.07	-700	-484.1	57764.7	1.2	0.07
-800	-122.5	57802.2	58.3	0.12	-800	-36.8	57787.4	3.2	0.14	-700	-483.0	57762.6	1.1	0.10
-800	-121.3	57773.1	-0.7	0.11	-800	-35.5	57787.7	2.5	0.07	-700	-481.8	57762.3	-0.5	0.08
-800	-120.0	57774.2	-0.2	0.17	-800	-34.2	57787.6	2.2	0.07	-700	-480.7	57702.8	-118.9	0.21
-800	-118.8	57769.4	-13.2	0.14	-800	-32.9	57754.9	-59.3	0.18	-700	-479.5	57763.1	0.5	0.10
-800	-117.5	57777.1	2.0	0.12	-800	-31.6	57810.0	58.8	0.13	-700	-478.4	57760.2	-0.2	0.10
-800	-116.3	57749.3	-57.6	0.19	-800	-30.3	57737.5	-82.0	0.16	-700	-477.3	57758.4	-1.4	0.08
-800	-115.0	57782.2	1.4	0.09	-800	-28.9	57775.3	-1.2	0.08	-700	-476.1	57731.6	-48.9	0.10
-800	-113.8	57780.2	-0.8	0.09	-800	-27.6	57769.7	-3.0	0.07	-700	-475.0	57707.6	-100.7	0.13
-800	-112.5	57779.9	-1.3	0.08	-800	-26.3	57769.5	-1.3	0.07	-700	-473.7	57756.3	-5.5	0.09
-800	-111.3	57783.2	1.3	0.08	-800	-25.0	57768.5	-1.0	0.07	-700	-472.4	57761.2	-2.6	0.07
-800	-110.0	57781.0	2.4	0.07	-800	-23.7	57766.2	-0.9	0.07	-700	-471.1	57765.1	-0.1	0.08
-800	-108.8	57779.3	0.5	0.09	-800	-22.4	57760.8	-2.3	0.06	-700	-469.7	57767.8	0.3	0.07
-800	-107.5	57776.9	0.2	0.09	-800	-21.1	57755.1	-5.0	0.09	-700	-468.4	57770.0	0.6	0.07
-800	-106.3	57773.6	-1.5	0.13	-800	-19.7	57748.9	-8.1	0.09	-700	-467.1	57771.6	0.1	0.13
-800	-105.0	57771.7	-2.4	0.08	-800	-18.4	57752.0	-4.2	0.07	-700	-465.8	57776.0	-0.1	0.07
-800	-103.8	57723.9	-95.8	0.12	-800	-17.1	57753.4	-6.2	0.08	-700	-464.5	57779.9	0.4	0.07
-800	-102.5	57771.2	-1.3	0.09	-800	-15.8	57754.9	-7.3	0.08	-700	-463.2	57784.0	2.0	0.13
-800	-101.3	57775.7	3.1	0.15	-800	-14.5	57763.2	-3.5	0.06	-700	-461.8	57765.5	-41.5	0.15
-800	-100.0	57774.7	3.4	0.08	-800	-13.2	57772.7	0.4	0.09	-700	-460.5	57791.1	5.1	0.08
-800	-98.9	57761.6	-8.9	0.08	-800	-11.8	57777.7	1.4	0.07	-700	-459.2	57792.9	6.3	0.08
-800	-97.7	57756.4	-8.4	0.08	-800	-10.5	57782.1	1.8	0.12	-700	-457.9	57791.1	8.0	0.08
-800	-96.6	57761.7	-2.7	0.14	-800	-9.2	57786.9	2.3	0.07	-700	-456.6	57789.5	8.4	0.08
-800	-95.5	57764.5	-1.8	0.07	-800	-7.9	57796.9	8.7	0.11	-700	-455.3	57780.9	6.2	0.07
-800	-94.3	57675.6	-179.6	0.19	-800	-6.6	57800.8	7.7	0.07	-700	-453.9	57770.5	4.2	0.06
-800	-93.2	57766.9	-0.4	0.07	-800	-5.3	57797.1	2.7	0.06	-700	-452.6	57761.9	2.1	0.08
-800	-92.0	57766.9	1.1	0.11	-800	-3.9	57796.4	1.5	0.06	-700	-451.3	57751.7	0.7	0.14
-800	-90.9	57766.2	-0.4	0.08	-800	-2.6	57795.6	0.6	0.18	-700	-450.0	57742.1	-2.0	0.08
-800	-89.8	57767.9	-1.3	0.11	-800	-1.3	57793.5	-0.1	0.06	-700	-448.9	57735.4	-3.3	0.10

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-700	-447.8	57728.4	-5.1	0.08	-700	-363.1	57791.4	3.1	0.10	-700	-281.0	57773.3	1.8	0.07
-700	-446.7	57722.5	-5.4	0.07	-700	-361.9	57794.2	4.7	0.08	-700	-279.8	57774.7	1.9	0.10
-700	-445.7	57721.6	-7.1	0.07	-700	-360.7	57794.3	4.4	0.08	-700	-278.6	57774.4	2.0	0.07
-700	-444.6	57720.4	-6.1	0.07	-700	-359.5	57794.2	6.8	0.08	-700	-277.4	57754.5	19.9	0.15
-700	-443.5	57721.5	-4.5	0.07	-700	-358.3	57794.8	6.7	0.12	-700	-276.2	57773.6	2.7	0.08
-700	-442.4	57720.9	-4.7	0.07	-700	-357.1	57791.3	6.9	0.07	-700	-275.0	57775.5	2.5	0.16
-700	-441.3	57723.6	-3.0	0.10	-700	-356.0	57787.4	4.1	0.19	-700	-273.9	57773.5	1.6	0.07
-700	-440.2	57725.0	-2.5	0.12	-700	-354.8	57784.4	2.7	0.07	-700	-272.7	57772.2	1.5	0.07
-700	-439.1	57728.5	-2.4	0.06	-700	-353.6	57787.1	4.7	0.08	-700	-271.6	57773.4	60.9	0.14
-700	-438.0	57730.1	-1.9	0.06	-700	-352.4	57784.5	4.2	0.08	-700	-270.5	57773.5	0.8	0.07
-700	-437.0	57733.7	-1.3	0.10	-700	-351.2	57785.0	5.6	0.07	-700	-269.3	57770.6	-0.5	0.12
-700	-435.9	57736.1	-0.6	0.07	-700	-350.0	57779.9	3.6	0.20	-700	-268.2	57774.3	0.1	0.14
-700	-434.8	57738.4	-0.4	0.07	-700	-348.8	57778.1	3.6	0.08	-700	-267.0	57773.7	0.8	0.09
-700	-433.7	57742.5	0.0	0.06	-700	-347.6	57776.0	1.7	0.10	-700	-265.9	57774.9	0.9	0.08
-700	-432.6	57713.1	-53.0	0.14	-700	-346.4	57774.8	2.6	0.07	-700	-264.8	57775.3	0.5	0.07
-700	-431.5	57769.9	59.3	0.13	-700	-345.2	57769.2	2.3	0.07	-700	-263.6	57775.7	0.9	0.07
-700	-430.4	57739.2	-1.6	0.07	-700	-344.0	57761.7	-1.8	0.07	-700	-262.5	57776.5	0.4	0.11
-700	-429.3	57742.0	-1.2	0.07	-700	-342.9	57758.7	-2.3	0.09	-700	-261.4	57778.4	1.1	0.18
-700	-428.3	57742.8	-0.7	0.07	-700	-341.7	57760.0	-2.2	0.11	-700	-260.2	57778.3	2.1	0.11
-700	-427.2	57742.6	-2.2	0.07	-700	-340.5	57760.1	-1.1	0.09	-700	-259.1	57780.3	2.1	0.09
-700	-426.1	57745.6	-1.1	0.10	-700	-339.3	57763.2	-0.4	0.07	-700	-258.0	57780.7	1.2	0.18
-700	-425.0	57749.1	0.0	0.06	-700	-338.1	57763.0	-0.4	0.07	-700	-256.8	57781.0	1.4	0.08
-700	-423.7	57752.5	0.5	0.06	-700	-336.9	57764.1	-0.2	0.08	-700	-255.7	57782.2	1.7	0.09
-700	-422.4	57753.2	0.6	0.06	-700	-335.7	57763.9	0.1	0.08	-700	-254.5	57783.8	2.0	0.11
-700	-421.1	57755.7	0.5	0.07	-700	-334.5	57762.3	-0.8	0.07	-700	-253.4	57783.5	3.2	0.07
-700	-419.7	57759.1	1.5	0.12	-700	-333.3	57759.4	-2.7	0.09	-700	-252.3	57781.7	3.9	0.07
-700	-418.4	57762.2	3.8	0.11	-700	-332.1	57767.2	5.0	0.07	-700	-251.1	57779.0	3.6	0.07
-700	-417.1	57748.6	-26.8	0.11	-700	-331.0	57767.4	3.1	0.18	-700	-250.0	57777.1	2.2	0.08
-700	-415.8	57759.7	1.7	0.09	-700	-329.8	57764.2	0.4	0.10	-700	-248.9	57774.6	1.3	0.08
-700	-414.5	57762.7	2.1	0.07	-700	-328.6	57762.8	0.2	0.07	-700	-247.7	57773.6	1.3	0.08
-700	-413.2	57764.1	2.6	0.08	-700	-327.4	57760.7	-0.5	0.13	-700	-246.6	57771.0	0.8	0.08
-700	-411.8	57767.7	2.4	0.12	-700	-326.2	57758.7	-0.7	0.07	-700	-245.5	57769.9	0.4	0.16
-700	-410.5	57768.7	3.0	0.07	-700	-325.0	57756.7	0.4	0.07	-700	-244.3	57769.7	0.6	0.12
-700	-409.2	57771.9	4.4	0.10	-700	-323.8	57754.8	0.2	0.07	-700	-243.2	57770.0	0.5	0.07
-700	-407.9	57770.2	4.0	0.11	-700	-322.6	57740.6	-26.1	0.10	-700	-242.0	57739.7	-59.3	0.19
-700	-406.6	57740.1	-57.0	0.18	-700	-321.4	57752.1	-3.6	0.09	-700	-240.9	57768.4	0.9	0.10
-700	-405.3	57782.7	37.1	0.16	-700	-320.2	57752.9	-3.7	0.09	-700	-239.8	57768.3	0.1	0.07
-700	-403.9	57763.9	1.3	0.14	-700	-319.0	57757.2	-2.6	0.12	-700	-238.6	57768.4	0.2	0.08
-700	-402.6	57761.8	1.4	0.15	-700	-317.9	57765.6	-0.3	0.12	-700	-237.5	57768.4	0.4	0.07
-700	-401.3	57760.7	0.1	0.08	-700	-316.7	57771.1	1.8	0.07	-700	-236.4	57769.1	0.1	0.17
-700	-400.0	57758.8	0.3	0.08	-700	-315.5	57772.4	0.7	0.07	-700	-235.2	57769.0	0.4	0.07
-700	-398.7	57758.4	0.0	0.07	-700	-314.3	57780.7	3.6	0.08	-700	-234.1	57770.0	1.2	0.09
-700	-397.4	57755.5	-0.7	0.14	-700	-313.1	57785.6	5.6	0.11	-700	-233.0	57770.1	0.3	0.17
-700	-396.1	57755.3	0.5	0.08	-700	-311.9	57786.8	5.8	0.08	-700	-231.8	57717.3	-108.5	0.20
-700	-394.7	57756.9	0.5	0.13	-700	-310.7	57789.1	6.2	0.14	-700	-230.7	57771.6	1.1	0.09
-700	-393.4	57757.2	0.9	0.07	-700	-309.5	57790.5	4.9	0.12	-700	-229.5	57770.7	1.2	0.07
-700	-392.1	57757.8	1.2	0.07	-700	-308.3	57773.3	-27.2	0.16	-700	-228.4	57769.4	0.9	0.08
-700	-390.8	57728.6	-58.3	0.12	-700	-307.1	57789.2	4.9	0.13	-700	-227.3	57767.7	-0.1	0.13
-700	-389.5	57757.8	0.8	0.14	-700	-306.0	57788.0	4.9	0.08	-700	-226.1	57769.6	0.6	0.08
-700	-388.2	57760.3	0.5	0.08	-700	-304.8	57783.9	4.7	0.07	-700	-225.0	57768.9	0.5	0.07
-700	-386.8	57757.1	1.3	0.11	-700	-303.6	57780.4	4.4	0.07	-700	-223.8	57770.0	0.7	0.08
-700	-385.5	57760.4	1.1	0.12	-700	-302.4	57745.8	-57.6	0.16	-700	-222.6	57769.3	0.8	0.07
-700	-384.2	57760.2	1.3	0.14	-700	-301.2	57773.5	2.1	0.07	-700	-221.4	57770.0	0.7	0.08
-700	-382.9	57760.1	0.8	0.13	-700	-300.0	57772.3	3.5	0.08	-700	-220.2	57768.6	0.6	0.09
-700	-381.6	57761.2	0.9	0.07	-700	-298.8	57830.3	122.3	0.17	-700	-219.0	57768.5	0.3	0.08
-700	-380.3	57762.8	1.0	0.12	-700	-297.6	57766.5	1.3	0.16	-700	-217.9	57770.2	59.9	0.08
-700	-378.9	57762.7	1.4	0.17	-700	-296.4	57765.2	-0.9	0.07	-700	-216.7	57741.5	-59.7	0.14
-700	-377.6	57759.6	-0.4	0.14	-700	-295.2	57763.2	-0.7	0.07	-700	-215.5	57772.6	0.2	0.09
-700	-376.3	57758.8	-2.0	0.07	-700	-294.0	57763.8	-0.6	0.15	-700	-214.3	57803.5	59.7	0.20
-700	-375.0	57759.1	-2.9	0.09	-700	-292.9	57765.7	-0.6	0.21	-700	-213.1	57776.5	0.8	0.11
-700	-373.8	57759.9	-3.8	0.07	-700	-291.7	57766.4	-0.3	0.16	-700	-211.9	57778.2	1.3	0.12
-700	-372.6	57763.0	-2.8	0.07	-700	-290.5	57766.2	-0.2	0.07	-700	-210.7	57749.8	-57.1	0.18
-700	-371.4	57763.5	-4.4	0.08	-700	-289.3	57770.2	1.2	0.07	-700	-209.5	57781.0	3.2	0.15
-700	-370.2	57770.0	-1.5	0.10	-700	-288.1	57770.5	1.9	0.16	-700	-208.3	57782.1	5.2	0.14
-700	-369.0	57775.0	-0.3	0.09	-700	-286.9	57800.0	61.3	0.15	-700	-207.1	57777.9	-2.7	0.16
-700	-367.9	57802.7	49.1	0.12	-700	-285.7	57769.6	1.5	0.09	-700	-206.0	57780.8	4.2	0.21
-700	-366.7	57780.9	-0.5	0.13	-700	-284.5	57770.8	1.0	0.09	-700	-204.8	57780.0	3.7	0.11
-700	-365.5	57785.0	1.8	0.12	-700	-283.3	57770.9	1.4	0.10	-700	-203.6	57776.7	53.5	0.13
-700	-364.3	57787.0	0.7	0.09	-700	-282.1	57773.8	0.7	0.10	-700	-202.4	57751.7	-45.1	0.15

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-700	-201.2	57774.4	0.7	0.12	-700	-122.6	57789.4	3.6	0.07	-700	-37.5	57788.0	2.7	0.07
-700	-200.0	57772.3	0.9	0.08	-700	-121.4	57784.8	2.2	0.07	-700	-36.3	57786.6	2.9	0.08
-700	-198.9	57773.0	0.9	0.08	-700	-120.2	57785.1	0.9	0.11	-700	-35.0	57787.6	2.6	0.12
-700	-197.7	57772.3	-0.6	0.08	-700	-119.0	57785.2	0.5	0.11	-700	-33.8	57789.3	2.6	0.09
-700	-196.6	57770.8	-6.8	0.18	-700	-117.9	57786.2	2.2	0.07	-700	-32.5	57789.1	2.3	0.07
-700	-195.5	57775.9	0.7	0.11	-700	-116.7	57786.6	3.3	0.07	-700	-31.3	57788.0	2.1	0.12
-700	-194.3	57776.3	1.1	0.09	-700	-115.5	57785.4	3.2	0.07	-700	-30.0	57787.3	1.8	0.19
-700	-193.2	57750.3	-53.2	0.13	-700	-114.3	57787.1	4.7	0.15	-700	-28.8	57788.0	1.0	0.08
-700	-192.0	57781.1	2.0	0.15	-700	-113.1	57783.6	2.2	0.08	-700	-27.5	57787.3	1.5	0.09
-700	-190.9	57781.8	2.1	0.10	-700	-111.9	57812.4	61.9	0.13	-700	-26.3	57787.6	1.5	0.08
-700	-189.8	57783.1	3.9	0.14	-700	-110.7	57785.9	5.8	0.16	-700	-25.0	57788.2	2.2	0.11
-700	-188.6	57781.9	2.3	0.08	-700	-109.5	57788.1	8.6	0.08	-700	-23.8	57787.9	1.9	0.07
-700	-187.5	57780.4	2.3	0.08	-700	-108.3	57787.5	6.9	0.07	-700	-22.5	57787.1	1.8	0.07
-700	-186.4	57779.4	2.0	0.12	-700	-107.1	57788.7	8.2	0.14	-700	-21.3	57788.4	2.2	0.09
-700	-185.2	57777.4	1.1	0.08	-700	-106.0	57789.1	7.2	0.14	-700	-20.0	57789.0	2.6	0.09
-700	-184.1	57775.8	0.5	0.12	-700	-104.8	57792.1	7.9	0.12	-700	-18.8	57786.3	1.1	0.08
-700	-183.0	57773.9	1.5	0.12	-700	-103.6	57796.6	8.1	0.08	-700	-17.5	57814.4	59.8	0.14
-700	-181.8	57773.1	1.7	0.10	-700	-102.4	57805.0	12.8	0.08	-700	-16.3	57784.9	-0.7	0.09
-700	-180.7	57783.7	25.0	0.10	-700	-101.2	57812.9	19.6	0.11	-700	-15.0	57785.5	-0.2	0.08
-700	-179.5	57770.2	0.1	0.13	-700	-100.0	57800.0	9.6	0.09	-700	-13.8	57786.5	0.4	0.10
-700	-178.4	57775.4	13.0	0.23	-700	-98.8	57784.5	-1.4	0.15	-700	-12.5	57787.7	2.0	0.10
-700	-177.3	57768.3	0.6	0.12	-700	-97.6	57783.8	-0.8	0.11	-700	-11.3	57790.4	2.3	0.08
-700	-176.1	57768.6	0.4	0.08	-700	-96.4	57784.0	2.0	0.09	-700	-10.0	57791.5	2.9	0.13
-700	-175.0	57769.8	0.0	0.15	-700	-95.2	57785.6	1.6	0.08	-700	-8.8	57791.7	3.0	0.07
-700	-173.9	57771.2	-0.2	0.08	-700	-94.0	57787.5	2.0	0.07	-700	-7.5	57792.0	2.3	0.08
-700	-172.7	57770.9	0.7	0.14	-700	-92.9	57796.3	7.0	0.07	-700	-6.3	57792.0	2.1	0.13
-700	-171.6	57773.1	2.6	0.09	-700	-91.7	57811.0	28.0	0.15	-700	-5.0	57793.8	2.7	0.08
-700	-170.5	57772.0	1.1	0.10	-700	-90.5	57783.5	0.2	0.12	-700	-3.8	57794.0	3.3	0.08
-700	-169.3	57770.2	0.9	0.10	-700	-89.3	57780.0	0.0	0.08	-700	-2.5	57795.9	3.3	0.10
-700	-168.2	57769.6	0.5	0.09	-700	-88.1	57780.8	1.2	0.13	-700	-1.3	57796.2	2.4	0.08
-700	-167.0	57768.6	-0.9	0.10	-700	-86.9	57781.8	0.6	0.13	-700	0.0	57797.1	1.3	0.11
-700	-165.9	57767.8	0.3	0.08	-700	-85.7	57782.6	2.1	0.12	-600	-545.0	57723.0	-19.9	0.06
-700	-164.8	57768.1	-0.1	0.08	-700	-84.5	57784.3	0.8	0.08	-600	-543.2	57717.1	-24.5	0.06
-700	-163.6	57767.4	0.3	0.08	-700	-83.3	57784.5	0.9	0.11	-600	-541.4	57719.4	-28.3	0.07
-700	-162.5	57768.2	0.7	0.11	-700	-82.1	57787.1	1.8	0.08	-600	-539.5	57748.7	-11.3	0.07
-700	-161.4	57768.2	0.4	0.09	-700	-81.0	57785.9	1.1	0.10	-600	-537.7	57756.9	-12.1	0.07
-700	-160.2	57768.9	1.8	0.12	-700	-79.8	57783.7	-0.2	0.16	-600	-535.9	57760.4	-14.3	0.06
-700	-159.1	57789.6	41.0	0.13	-700	-78.6	57782.5	-1.8	0.08	-600	-534.1	57760.3	-18.6	0.06
-700	-158.0	57770.1	0.5	0.12	-700	-77.4	57791.3	5.4	0.12	-600	-532.3	57761.2	-17.0	0.07
-700	-156.8	57768.9	1.5	0.11	-700	-76.2	57789.3	4.6	0.18	-600	-530.5	57766.5	-14.1	0.07
-700	-155.7	57767.2	0.6	0.12	-700	-75.0	57787.0	1.7	0.09	-600	-528.6	57769.5	-13.7	0.08
-700	-154.5	57767.6	-0.7	0.12	-700	-73.7	57785.3	0.6	0.08	-600	-526.8	57770.7	-19.9	0.10
-700	-153.4	57767.7	-1.8	0.10	-700	-72.4	57786.9	60.6	0.07	-600	-525.0	57774.2	-13.9	0.15
-700	-152.3	57768.7	-1.2	0.13	-700	-71.1	57787.8	2.1	0.07	-600	-523.6	57778.3	-13.7	0.07
-700	-151.1	57770.8	-1.1	0.09	-700	-69.7	57786.4	4.3	0.12	-600	-522.2	57776.4	-23.5	0.07
-700	-150.0	57771.8	-0.4	0.07	-700	-68.4	57770.9	-22.9	0.12	-600	-520.8	57785.4	-13.4	0.07
-700	-148.9	57772.3	0.1	0.07	-700	-67.1	57784.6	1.5	0.08	-600	-519.4	57780.1	-24.1	0.07
-700	-147.7	57772.3	0.0	0.08	-700	-65.8	57784.3	2.1	0.08	-600	-518.1	57783.3	-23.8	0.09
-700	-146.6	57773.9	26.7	0.10	-700	-64.5	57784.7	2.3	0.19	-600	-516.7	57782.4	-29.1	0.08
-700	-145.5	57777.6	2.1	0.11	-700	-63.2	57809.1	48.6	0.14	-600	-515.3	57780.5	-31.1	0.09
-700	-144.3	57781.8	2.3	0.07	-700	-61.8	57786.6	2.1	0.09	-600	-513.9	57774.7	-44.3	0.07
-700	-143.2	57783.9	1.7	0.13	-700	-60.5	57786.4	3.0	0.08	-600	-512.5	57775.8	-40.6	0.07
-700	-142.0	57783.1	0.3	0.08	-700	-59.2	57787.2	2.6	0.08	-600	-511.1	57779.9	-40.7	0.12
-700	-140.9	57786.3	0.2	0.08	-700	-57.9	57787.9	3.0	0.10	-600	-509.7	57783.8	-35.4	0.08
-700	-139.8	57785.9	-0.8	0.26	-700	-56.6	57786.5	1.6	0.07	-600	-508.3	57783.8	27.5	0.10
-700	-138.6	57789.6	2.2	0.14	-700	-55.3	57785.4	0.7	0.07	-600	-506.9	57781.6	-34.1	0.07
-700	-137.5	57793.5	3.5	0.09	-700	-53.9	57786.4	1.5	0.08	-600	-505.6	57780.6	-37.5	0.12
-700	-136.4	57793.0	4.0	0.08	-700	-52.6	57727.4	-117.2	0.20	-600	-504.2	57779.6	-41.9	0.12
-700	-135.2	57792.6	4.0	0.11	-700	-51.3	57788.2	3.9	0.11	-600	-502.8	57780.2	-39.8	0.08
-700	-134.1	57793.4	2.9	0.14	-700	-50.0	57788.5	4.2	0.11	-600	-501.4	57788.1	-23.6	0.07
-700	-133.0	57791.1	4.3	0.16	-700	-48.8	57785.6	1.8	0.08	-600	-500.0	57793.6	-12.8	0.07
-700	-131.8	57776.1	-25.2	0.12	-700	-47.5	57785.7	1.4	0.07	-600	-498.6	57792.1	-14.9	0.11
-700	-130.7	57788.7	3.3	0.09	-700	-46.3	57787.2	1.4	0.09	-600	-497.2	57789.3	-15.1	0.10
-700	-129.5	57776.0	-17.3	0.11	-700	-45.0	57786.1	1.3	0.12	-600	-495.8	57779.7	-32.5	0.07
-700	-128.4	57783.5	0.9	0.18	-700	-43.8	57786.8	1.4	0.10	-600	-494.4	57772.5	-40.2	0.12
-700	-127.3	57783.4	0.4	0.08	-700	-42.5	57778.3	-18.1	0.15	-600	-493.1	57766.0	-49.2	0.08
-700	-126.1	57782.5	1.0	0.16	-700	-41.3	57790.1	4.0	0.08	-600	-491.7	57767.4	-33.6	0.12
-700	-125.0	57786.8	1.4	0.08	-700	-40.0	57787.2	1.6	0.09	-600	-490.3	57765.5	-43.7	0.13
-700	-123.8	57787.0	1.8	0.08	-700	-38.8	57787.6	2.1	0.09	-600	-488.9	57763.6	-43.1	0.12

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-600	-487.5	57767.9	-42.3	0.08	-600	-406.7	57723.4	-40.5	0.10	-600	-325.0	57751.0	-15.1	0.07
-600	-486.1	57769.4	-45.1	0.10	-600	-405.8	57720.9	-43.5	0.08	-600	-323.9	57746.8	-33.6	0.10
-600	-484.7	57769.7	-40.8	0.08	-600	-404.8	57718.4	-46.2	0.10	-600	-322.8	57748.4	-34.2	0.10
-600	-483.3	57771.9	-42.8	0.08	-600	-403.8	57718.5	-47.4	0.13	-600	-321.7	57746.9	-43.9	0.08
-600	-481.9	57773.9	-34.5	0.08	-600	-402.9	57719.7	-43.7	0.10	-600	-320.7	57754.2	-38.6	0.07
-600	-480.6	57772.9	19.8	0.12	-600	-401.9	57720.8	-44.0	0.11	-600	-319.6	57756.2	-35.3	0.09
-600	-479.2	57776.1	-30.1	0.12	-600	-401.0	57728.3	-24.7	0.09	-600	-318.5	57756.1	-41.7	0.09
-600	-477.8	57772.4	-38.2	0.10	-600	-400.0	57727.0	-31.6	0.09	-600	-317.4	57757.3	-38.2	0.09
-600	-476.4	57773.6	-31.2	0.09	-600	-398.8	57732.1	-21.1	0.07	-600	-316.3	57762.2	-32.8	0.09
-600	-475.0	57775.9	-19.3	0.08	-600	-397.6	57727.2	-36.8	0.09	-600	-315.2	57761.1	-37.8	0.09
-600	-473.7	57774.8	-20.0	0.08	-600	-396.4	57729.4	-33.9	0.07	-600	-314.1	57762.5	-34.1	0.07
-600	-472.4	57767.7	-36.0	0.08	-600	-395.2	57730.3	-36.5	0.10	-600	-313.0	57761.7	-37.0	0.09
-600	-471.1	57769.2	-27.5	0.08	-600	-394.0	57697.2	-101.7	0.11	-600	-312.0	57761.5	-36.4	0.11
-600	-469.7	57763.3	-32.4	0.11	-600	-392.9	57728.4	-46.8	0.10	-600	-310.9	57762.3	-36.4	0.08
-600	-468.4	57760.7	-42.4	0.07	-600	-391.7	57731.4	-35.0	0.12	-600	-309.8	57764.2	-35.5	0.12
-600	-467.1	57758.6	-41.3	0.09	-600	-390.5	57732.7	-41.5	0.08	-600	-308.7	57763.3	-33.5	0.10
-600	-465.8	57756.4	-45.0	0.09	-600	-389.3	57735.8	-34.6	0.08	-600	-307.6	57763.3	-35.2	0.07
-600	-464.5	57758.4	-35.6	0.09	-600	-388.1	57737.2	-38.7	0.10	-600	-306.5	57764.6	-29.4	0.08
-600	-463.2	57757.6	-38.9	0.10	-600	-386.9	57738.7	-38.6	0.08	-600	-305.4	57759.9	-42.5	0.07
-600	-461.8	57756.9	-38.3	0.10	-600	-385.7	57739.2	-40.8	0.12	-600	-304.3	57763.7	-35.5	0.07
-600	-460.5	57725.9	-40.8	0.14	-600	-384.5	57746.4	-27.0	0.09	-600	-303.3	57762.0	-33.9	0.08
-600	-459.2	57761.1	-22.9	0.08	-600	-383.3	57747.1	-27.1	0.07	-600	-302.2	57760.1	-44.4	0.13
-600	-457.9	57754.3	-42.1	0.08	-600	-382.1	57743.1	-35.3	0.07	-600	-301.1	57768.2	-17.7	0.07
-600	-456.6	57753.8	-45.4	0.11	-600	-381.0	57743.5	-32.8	0.09	-600	-300.0	57768.9	-19.5	0.07
-600	-455.3	57756.0	-33.5	0.08	-600	-379.8	57743.2	-34.2	0.08	-600	-298.9	57769.7	-16.4	0.09
-600	-453.9	57754.6	-40.7	0.07	-600	-378.6	57740.4	-42.5	0.10	-600	-297.8	57763.3	-35.7	0.09
-600	-452.6	57752.5	-48.8	0.13	-600	-377.4	57740.8	-43.0	0.10	-600	-296.7	57759.6	-46.3	0.16
-600	-451.3	57760.5	-27.6	0.08	-600	-376.2	57749.4	-17.4	0.06	-600	-295.7	57758.9	-46.1	0.09
-600	-450.0	57764.2	-18.1	0.08	-600	-375.0	57748.4	-15.3	0.11	-600	-294.6	57760.1	-43.9	0.08
-600	-448.9	57764.5	-17.5	0.09	-600	-373.7	57749.5	-14.4	0.07	-600	-293.5	57761.9	-36.0	0.10
-600	-447.7	57759.5	-28.0	0.08	-600	-372.4	57747.8	-19.7	0.09	-600	-292.4	57760.5	-38.6	0.08
-600	-446.6	57751.6	-45.0	0.08	-600	-371.1	57746.3	-28.1	0.08	-600	-291.3	57760.2	-37.6	0.10
-600	-445.5	57754.3	-36.7	0.11	-600	-369.7	57746.0	-28.8	0.13	-600	-290.2	57759.7	-35.2	0.10
-600	-444.3	57750.6	-37.3	0.09	-600	-368.4	57746.0	20.7	0.08	-600	-289.1	57758.7	-37.9	0.11
-600	-443.2	57750.1	-35.4	0.13	-600	-367.1	57747.8	-36.2	0.08	-600	-288.0	57756.5	-37.2	0.07
-600	-442.0	57746.3	-39.6	0.12	-600	-365.8	57745.3	-45.1	0.11	-600	-287.0	57753.8	-46.8	0.08
-600	-440.9	57745.9	-36.8	0.07	-600	-364.5	57747.4	-33.7	0.07	-600	-285.9	57751.3	-49.5	0.08
-600	-439.8	57740.9	-41.5	0.08	-600	-363.2	57748.3	-33.7	0.09	-600	-284.8	57752.8	-42.7	0.10
-600	-438.6	57723.5	-70.2	0.11	-600	-361.8	57749.0	-39.7	0.08	-600	-283.7	57751.6	-45.1	0.10
-600	-437.5	57740.6	-39.8	0.08	-600	-360.5	57748.9	-40.7	0.08	-600	-282.6	57748.2	-50.2	0.11
-600	-436.4	57744.8	-25.8	0.08	-600	-359.2	57753.2	-31.3	0.08	-600	-281.5	57749.9	-42.9	0.09
-600	-435.2	57741.1	-33.0	0.08	-600	-357.9	57753.4	-31.0	0.08	-600	-280.4	57751.2	-42.1	0.10
-600	-434.1	57735.3	-41.7	0.08	-600	-356.6	57752.6	-32.9	0.09	-600	-279.3	57749.3	-46.1	0.10
-600	-433.0	57734.2	-39.0	0.10	-600	-355.3	57753.8	-28.2	0.08	-600	-278.3	57753.4	-38.0	0.09
-600	-431.8	57729.5	-47.6	0.08	-600	-353.9	57751.6	-32.4	0.09	-600	-277.2	57750.6	-40.3	0.09
-600	-430.7	57730.9	-40.3	0.09	-600	-352.6	57747.4	-38.1	0.07	-600	-276.1	57755.3	-25.9	0.10
-600	-429.5	57733.7	41.4	0.11	-600	-351.3	57751.8	-14.8	0.11	-600	-275.0	57700.2	-138.1	0.14
-600	-428.4	57728.0	-48.3	0.10	-600	-350.0	57749.7	-16.2	0.08	-600	-273.9	57756.5	-21.6	0.09
-600	-427.3	57731.1	-44.0	0.12	-600	-348.9	57744.8	-30.9	0.09	-600	-272.7	57753.6	-34.0	0.10
-600	-426.1	57739.0	-19.3	0.09	-600	-347.7	57739.9	-40.8	0.07	-600	-271.6	57748.5	-46.2	0.10
-600	-425.0	57739.4	-13.5	0.09	-600	-346.6	57739.6	-40.4	0.08	-600	-270.5	57753.7	-35.0	0.10
-600	-424.0	57742.3	-11.8	0.08	-600	-345.5	57742.8	-31.5	0.08	-600	-269.3	57722.7	-96.7	0.12
-600	-423.1	57738.6	-31.7	0.07	-600	-344.3	57720.3	-78.2	0.11	-600	-268.2	57753.0	-39.0	0.08
-600	-422.1	57708.9	-92.7	0.12	-600	-343.2	57740.0	-43.6	0.15	-600	-267.0	57752.2	-36.8	0.10
-600	-421.2	57737.3	-37.0	0.07	-600	-342.0	57741.6	-42.9	0.09	-600	-265.9	57753.0	-37.7	0.09
-600	-420.2	57736.7	-34.2	0.08	-600	-340.9	57744.8	-40.8	0.07	-600	-264.8	57750.4	-38.1	0.08
-600	-419.2	57736.9	-31.1	0.09	-600	-339.8	57749.9	-37.8	0.07	-600	-263.6	57750.4	-36.4	0.08
-600	-418.3	57731.9	-42.0	0.10	-600	-338.6	57752.5	-35.9	0.08	-600	-262.5	57749.6	-40.3	0.08
-600	-417.3	57726.4	-46.8	0.10	-600	-337.5	57754.2	-30.6	0.07	-600	-261.4	57738.0	-58.8	0.12
-600	-416.3	57722.8	-51.6	0.09	-600	-336.4	57750.7	-41.7	0.08	-600	-260.2	57750.4	-29.0	0.08
-600	-415.4	57719.9	-57.5	0.12	-600	-335.2	57752.6	-36.9	0.08	-600	-259.1	57746.1	-40.1	0.09
-600	-414.4	57711.0	-70.5	0.11	-600	-334.1	57753.1	-37.3	0.09	-600	-258.0	57745.5	-40.5	0.13
-600	-413.5	57722.8	-42.3	0.09	-600	-333.0	57763.3	-23.4	0.10	-600	-256.8	57742.9	-41.0	0.08
-600	-412.5	57723.7	-41.6	0.08	-600	-331.8	57772.1	-10.3	0.10	-600	-255.7	57742.3	-41.4	0.12
-600	-411.5	57725.8	-31.3	0.09	-600	-330.7	57754.0	-32.1	0.08	-600	-254.5	57741.4	-40.8	0.09
-600	-410.6	57718.2	-53.2	0.12	-600	-329.5	57742.5	-40.9	0.10	-600	-253.4	57740.5	-41.5	0.09
-600	-409.6	57722.7	-44.9	0.09	-600	-328.4	57741.6	-37.4	0.08	-600	-252.3	57740.7	-38.6	0.09
-600	-408.7	57721.2	-44.7	0.08	-600	-327.3	57741.7	-38.6	0.06	-600	-251.1	57748.0	-21.2	0.12
-600	-407.7	57723.2	-41.5	0.11	-600	-326.1	57749.2	-16.0	0.06	-600	-250.0	57744.4	-25.7	0.11

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-600	-248.9	57745.1	-26.9	0.08	-600	-161.8	57757.1	-26.9	0.07	-600	-66.2	57752.0	-32.3	0.07
-600	-247.7	57738.2	-48.3	0.08	-600	-160.3	57757.7	33.3	0.08	-600	-64.7	57767.5	-22.5	0.07
-600	-246.6	57740.4	-41.1	0.09	-600	-158.8	57756.0	-28.0	0.10	-600	-63.2	57775.0	-23.7	0.08
-600	-245.5	57743.2	-38.6	0.11	-600	-157.4	57758.0	-20.6	0.07	-600	-61.8	57773.4	-25.9	0.07
-600	-244.3	57744.2	-37.1	0.09	-600	-155.9	57758.2	-19.6	0.08	-600	-60.3	57767.4	-23.3	0.08
-600	-243.2	57721.9	-87.0	0.11	-600	-154.4	57757.6	-25.9	0.07	-600	-58.8	57761.8	-25.9	0.07
-600	-242.0	57746.1	-37.7	0.08	-600	-152.9	57749.5	-31.6	0.06	-600	-57.4	57759.0	-31.1	0.06
-600	-240.9	57753.4	-24.6	0.14	-600	-151.5	57750.9	-18.1	0.06	-600	-55.9	57757.5	-28.5	0.09
-600	-239.8	57746.3	-37.6	0.09	-600	-150.0	57754.1	-15.0	0.07	-600	-54.4	57753.4	-27.1	0.06
-600	-238.6	57748.7	-34.3	0.08	-600	-148.4	57749.2	-25.1	0.09	-600	-52.9	57747.8	-31.7	0.08
-600	-237.5	57747.1	-42.3	0.08	-600	-146.9	57750.4	-24.2	0.09	-600	-51.5	57751.7	-23.3	0.07
-600	-236.4	57747.4	-40.4	0.10	-600	-145.3	57752.8	-22.6	0.07	-600	-50.0	57749.1	-17.6	0.07
-600	-235.2	57748.1	-37.7	0.08	-600	-143.8	57754.4	-20.9	0.08	-600	-48.5	57748.0	-25.7	0.08
-600	-234.1	57745.8	-43.4	0.12	-600	-142.2	57752.6	-23.3	0.07	-600	-47.1	57743.2	-33.5	0.12
-600	-233.0	57746.9	-38.3	0.13	-600	-140.6	57754.0	-19.2	0.06	-600	-45.6	57743.8	-32.8	0.07
-600	-231.8	57746.5	-39.5	0.09	-600	-139.1	57756.6	-19.7	0.07	-600	-44.1	57743.6	-34.9	0.08
-600	-230.7	57744.7	-42.2	0.13	-600	-137.5	57751.8	29.0	0.08	-600	-42.6	57738.2	-38.4	0.08
-600	-229.5	57748.5	-35.8	0.07	-600	-135.9	57753.1	-26.6	0.08	-600	-41.2	57732.2	-48.5	0.08
-600	-228.4	57744.5	-42.2	0.07	-600	-134.4	57753.2	-30.4	0.08	-600	-39.7	57748.4	-29.5	0.09
-600	-227.3	57717.3	-101.6	0.11	-600	-132.8	57755.3	-22.6	0.06	-600	-38.2	57754.5	-29.8	0.11
-600	-226.1	57754.0	-16.5	0.07	-600	-131.3	57758.6	-21.8	0.09	-600	-36.8	57755.2	-28.7	0.07
-600	-225.0	57752.0	-22.0	0.08	-600	-129.7	57755.9	-27.7	0.07	-600	-35.3	57757.1	-28.4	0.07
-600	-223.8	57755.7	-17.5	0.08	-600	-128.1	57759.2	-21.2	0.08	-600	-33.8	57758.0	-30.3	0.07
-600	-222.5	57754.8	-21.5	0.07	-600	-126.6	57758.7	-21.6	0.10	-600	-32.4	57762.2	-23.8	0.07
-600	-221.3	57752.4	-34.5	0.10	-600	-125.0	57758.3	-24.1	0.15	-600	-30.9	57760.9	-28.6	0.08
-600	-220.0	57750.8	-38.5	0.08	-600	-123.8	57727.7	-84.1	0.11	-600	-29.4	57757.9	-33.7	0.07
-600	-218.8	57752.4	-35.4	0.09	-600	-122.5	57754.6	-36.3	0.07	-600	-27.9	57760.3	-23.9	0.06
-600	-217.5	57750.6	-43.2	0.10	-600	-121.3	57754.7	-31.3	0.07	-600	-26.5	57761.5	-24.5	0.06
-600	-216.3	57750.7	-45.2	0.12	-600	-120.0	57752.2	-32.9	0.07	-600	-25.0	57763.5	-15.5	0.09
-600	-215.0	57750.0	-49.4	0.12	-600	-118.8	57747.7	-40.7	0.10	-600	-23.5	57761.9	-21.3	0.11
-600	-213.8	57750.6	-44.6	0.11	-600	-117.5	57748.7	-31.9	0.08	-600	-22.1	57755.3	-37.6	0.10
-600	-212.5	57753.5	-40.7	0.11	-600	-116.3	57748.8	-34.2	0.11	-600	-20.6	57758.6	-27.5	0.08
-600	-211.3	57752.1	-46.0	0.14	-600	-115.0	57749.5	-34.1	0.09	-600	-19.1	57758.3	-30.5	0.08
-600	-210.0	57754.6	-39.4	0.24	-600	-113.8	57752.7	-31.9	0.07	-600	-17.6	57759.8	-30.9	0.11
-600	-208.8	57754.3	-37.5	0.08	-600	-112.5	57751.5	-33.8	0.07	-600	-16.2	57763.2	-32.5	0.10
-600	-207.5	57756.4	-36.8	0.07	-600	-111.3	57749.6	-37.6	0.11	-600	-14.7	57763.4	-34.8	0.09
-600	-206.3	57756.9	-39.9	0.09	-600	-110.0	57752.5	-28.3	0.08	-600	-13.2	57764.4	-35.2	0.12
-600	-205.0	57758.2	-39.0	0.09	-600	-108.8	57754.2	-30.2	0.09	-600	-11.8	57767.4	-34.9	0.08
-600	-203.8	57759.1	-36.3	0.10	-600	-107.5	57757.7	-27.2	0.10	-600	-10.3	57769.1	-33.9	0.07
-600	-202.5	57758.9	-29.0	0.08	-600	-106.3	57756.4	-31.2	0.10	-600	-8.8	57774.8	-26.6	0.08
-600	-201.3	57758.7	-31.4	0.07	-600	-105.0	57759.0	-29.6	0.07	-600	-7.4	57777.0	-24.4	0.07
-600	-200.0	57760.9	-17.1	0.07	-600	-103.8	57762.8	-21.9	0.08	-600	-5.9	57775.4	-31.1	0.09
-600	-198.7	57758.2	-24.9	0.08	-600	-102.5	57759.9	-31.8	0.07	-600	-4.4	57773.9	-35.1	0.07
-600	-197.4	57752.6	-37.5	0.08	-600	-101.3	57763.4	-18.6	0.07	-600	-2.9	57779.1	-22.8	0.06
-600	-196.1	57752.1	-39.0	0.12	-600	-100.0	57764.4	-16.4	0.07	-600	-1.5	57781.6	40.7	0.07
-600	-194.7	57752.2	-38.8	0.11	-600	-98.7	57761.3	-24.2	0.10	-600	0.0	57784.5	-10.0	0.07
-600	-193.4	57751.3	-39.2	0.08	-600	-97.4	57756.6	-29.5	0.11	-600	1.5	57781.7	-10.0	0.07
-600	-192.1	57753.2	-38.8	0.10	-600	-96.1	57752.4	-24.7	0.10	-600	2.9	57775.2	-20.5	0.11
-600	-190.8	57755.1	-34.4	0.07	-600	-94.7	57745.8	-39.8	0.11	-600	4.4	57769.6	-21.0	0.08
-600	-189.5	57758.7	-26.8	0.09	-600	-93.4	57751.5	-31.6	0.08	-600	5.9	57771.3	-11.8	0.06
-600	-188.2	57757.8	-31.8	0.08	-600	-92.1	57754.0	-27.2	0.11	-600	7.4	57766.5	-20.6	0.07
-600	-186.8	57754.6	-36.4	0.08	-600	-90.8	57755.1	-29.3	0.13	-600	8.8	57764.2	-20.9	0.08
-600	-185.5	57752.9	-39.1	0.09	-600	-89.5	57752.4	-35.5	0.08	-600	10.3	57760.3	-25.9	0.11
-600	-184.2	57750.8	-41.6	0.07	-600	-88.2	57757.1	-26.5	0.08	-600	11.8	57754.1	-34.1	0.10
-600	-182.9	57751.7	-33.9	0.07	-600	-86.8	57759.9	-28.7	0.08	-600	13.2	57758.8	-15.6	0.10
-600	-181.6	57749.3	-42.2	0.10	-600	-85.5	57760.3	-26.7	0.07	-600	14.7	57755.6	-16.4	0.09
-600	-180.3	57749.6	-41.6	0.09	-600	-84.2	57759.6	-26.8	0.07	-600	16.2	57784.6	37.9	0.10
-600	-178.9	57752.1	-40.6	0.07	-600	-82.9	57728.9	-83.9	0.12	-600	17.6	57754.6	-19.1	0.10
-600	-177.6	57753.1	-41.9	0.07	-600	-81.6	57756.6	-27.4	0.08	-600	19.1	57754.1	-19.6	0.09
-600	-176.3	57758.2	-31.9	0.08	-600	-80.3	57751.8	-32.7	0.10	-600	20.6	57754.8	-14.5	0.08
-600	-175.0	57762.7	-15.0	0.07	-600	-78.9	57749.4	-26.9	0.07	-600	22.1	57755.0	-14.9	0.10
-600	-173.5	57763.3	-16.4	0.07	-600	-77.6	57747.0	-32.3	0.08	-600	23.5	57755.5	-23.5	0.21
-600	-172.1	57761.2	-25.8	0.09	-600	-76.3	57752.0	-1.8	0.10	-600	25.0	57755.0	-20.4	0.14
-600	-170.6	57759.9	-28.1	0.06	-600	-75.0	57723.4	-75.3	0.11	-500	-683.0	57701.1	-37.1	0.14
-600	-169.1	57758.9	-25.4	0.06	-600	-73.5	57750.1	-19.8	0.07	-500	-681.4	57713.4	-38.6	0.11
-600	-167.6	57762.4	-21.2	0.07	-600	-72.1	57743.8	-34.7	0.12	-500	-679.8	57721.8	-36.3	0.09
-600	-166.2	57760.2	-23.6	0.07	-600	-70.6	57743.5	-33.4	0.07	-500	-678.2	57724.4	-32.6	0.11
-600	-164.7	57758.9	-26.6	0.10	-600	-69.1	57746.2	-29.7	0.07	-500	-676.6	57729.4	-29.1	0.08
-600	-163.2	57758.6	-24.0	0.08	-600	-67.6	57745.3	-35.3	0.08	-500	-675.0	57739.6	-17.4	0.07

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-500	-673.5	57741.2	-15.5	0.06	-500	-576.4	57770.7	-27.1	0.07	-500	-473.5	57749.4	-22.6	0.10
-500	-672.1	57743.7	-32.1	0.19	-500	-575.0	57777.1	-18.9	0.07	-500	-472.1	57746.8	-36.5	0.07
-500	-670.6	57750.1	-35.1	0.11	-500	-573.4	57781.1	-18.7	0.09	-500	-470.6	57746.7	-28.1	0.06
-500	-669.1	57755.6	-23.7	0.08	-500	-571.9	57780.8	-24.0	0.07	-500	-469.1	57743.1	-29.3	0.06
-500	-667.6	57746.8	-25.6	0.08	-500	-570.3	57786.9	-27.2	0.09	-500	-467.6	57741.5	-37.2	0.07
-500	-666.2	57747.7	-33.3	0.07	-500	-568.8	57794.1	-28.2	0.10	-500	-466.2	57740.7	-37.9	0.09
-500	-664.7	57750.9	-28.0	0.07	-500	-567.2	57793.6	-26.1	0.07	-500	-464.7	57741.1	-33.2	0.07
-500	-663.2	57748.8	-32.1	0.07	-500	-565.6	57795.4	-25.6	0.07	-500	-463.2	57740.5	-31.5	0.11
-500	-661.8	57750.7	-27.3	0.08	-500	-564.1	57803.8	-22.4	0.09	-500	-461.8	57741.6	-31.2	0.07
-500	-660.3	57750.3	-27.1	0.08	-500	-562.5	57808.0	-20.4	0.11	-500	-460.3	57742.7	-30.2	0.10
-500	-658.8	57746.0	-32.1	0.07	-500	-560.9	57809.2	-23.0	0.08	-500	-458.8	57740.6	-29.4	0.06
-500	-657.4	57747.8	-30.9	0.07	-500	-559.4	57818.3	-22.7	0.07	-500	-457.4	57738.4	-27.5	0.07
-500	-655.9	57755.1	-28.8	0.07	-500	-557.8	57820.4	-17.1	0.08	-500	-455.9	57734.6	-33.8	0.07
-500	-654.4	57765.8	-23.5	0.07	-500	-556.3	57818.8	-18.3	0.07	-500	-454.4	57734.9	-31.0	0.11
-500	-652.9	57772.9	-20.9	0.07	-500	-554.7	57818.3	-21.2	0.08	-500	-452.9	57736.5	-34.7	0.07
-500	-651.5	57776.4	-9.8	0.07	-500	-553.1	57808.1	-28.0	0.09	-500	-451.5	57739.8	-21.8	0.07
-500	-650.0	57777.9	-11.6	0.08	-500	-551.6	57795.9	-13.0	0.07	-500	-450.0	57740.3	-18.8	0.08
-500	-648.5	57774.1	-12.9	0.07	-500	-550.0	57781.3	-17.8	0.12	-500	-448.6	57740.7	-21.3	0.09
-500	-647.1	57767.8	-22.8	0.07	-500	-548.6	57769.9	-22.3	0.09	-500	-447.2	57739.1	-21.4	0.07
-500	-645.6	57760.1	-29.0	0.07	-500	-547.2	57757.7	-36.5	0.07	-500	-445.8	57733.7	-39.4	0.07
-500	-644.1	57760.4	-26.9	0.08	-500	-545.8	57754.4	-28.9	0.09	-500	-444.4	57735.3	-28.5	0.07
-500	-642.6	57757.5	-25.2	0.09	-500	-544.4	57750.2	-32.7	0.08	-500	-443.1	57733.9	-32.6	0.10
-500	-641.2	57752.8	-25.0	0.08	-500	-543.1	57746.0	-32.0	0.07	-500	-441.7	57734.1	-35.7	0.08
-500	-639.7	57747.4	-31.3	0.12	-500	-541.7	57740.9	-34.4	0.08	-500	-440.3	57733.0	-29.0	0.09
-500	-638.2	57744.6	-30.4	0.08	-500	-540.3	57769.6	19.8	0.12	-500	-438.9	57730.9	-34.1	0.07
-500	-636.8	57743.1	-25.4	0.09	-500	-538.9	57711.5	-98.2	0.11	-500	-437.5	57730.6	-29.1	0.08
-500	-635.3	57743.3	-23.2	0.09	-500	-537.5	57741.4	-33.8	0.11	-500	-436.1	57728.6	-31.7	0.07
-500	-633.8	57736.6	-29.2	0.09	-500	-536.1	57741.6	-34.2	0.12	-500	-434.7	57731.5	-33.2	0.11
-500	-632.4	57731.0	-33.7	0.07	-500	-534.7	57740.7	-35.1	0.07	-500	-433.3	57731.7	-35.2	0.08
-500	-630.9	57727.5	-35.0	0.07	-500	-533.3	57741.8	-41.5	0.07	-500	-431.9	57734.5	-34.4	0.09
-500	-629.4	57729.6	-30.4	0.07	-500	-531.9	57745.5	-33.7	0.07	-500	-430.6	57733.9	-36.2	0.07
-500	-627.9	57728.4	-30.7	0.07	-500	-530.6	57745.9	-31.3	0.07	-500	-429.2	57735.8	-31.4	0.13
-500	-626.5	57731.7	-18.8	0.07	-500	-529.2	57746.2	-35.7	0.08	-500	-427.8	57738.1	-31.6	0.07
-500	-625.0	57728.5	-15.6	0.08	-500	-527.8	57746.8	-35.4	0.08	-500	-426.4	57737.4	-30.0	0.08
-500	-623.7	57723.6	-20.4	0.08	-500	-526.4	57747.4	-30.8	0.07	-500	-425.0	57740.5	-21.6	0.07
-500	-622.4	57719.8	-23.8	0.08	-500	-525.0	57747.0	-31.7	0.09	-500	-423.7	57737.5	-26.9	0.08
-500	-621.1	57720.6	-28.2	0.07	-500	-523.6	57753.5	-21.0	0.10	-500	-422.4	57738.9	-27.9	0.07
-500	-619.7	57720.6	-29.3	0.07	-500	-522.2	57753.2	-32.0	0.10	-500	-421.1	57739.2	-28.0	0.07
-500	-618.4	57720.9	-26.0	0.07	-500	-520.8	57752.0	-36.9	0.09	-500	-419.7	57739.1	-28.7	0.07
-500	-617.1	57718.4	-27.5	0.08	-500	-519.4	57748.6	-41.9	0.09	-500	-418.4	57739.7	-28.0	0.07
-500	-615.8	57720.5	-35.3	0.08	-500	-518.1	57751.0	-35.5	0.08	-500	-417.1	57735.9	-32.8	0.08
-500	-614.5	57721.6	-29.8	0.07	-500	-516.7	57751.7	-47.0	0.13	-500	-415.8	57738.3	-33.2	0.07
-500	-613.2	57723.7	-28.7	0.07	-500	-515.3	57754.7	-33.8	0.11	-500	-414.5	57737.5	-35.7	0.07
-500	-611.8	57722.4	-32.1	0.07	-500	-513.9	57736.4	-78.7	0.10	-500	-413.2	57739.9	-34.3	0.07
-500	-610.5	57724.2	-30.3	0.07	-500	-512.5	57758.7	-29.9	0.10	-500	-411.8	57740.5	-32.3	0.07
-500	-609.2	57722.3	-35.5	0.08	-500	-511.1	57757.7	-34.2	0.09	-500	-410.5	57739.3	-32.2	0.08
-500	-607.9	57724.0	-35.6	0.07	-500	-509.7	57753.5	-34.0	0.08	-500	-409.2	57739.4	-39.9	0.10
-500	-606.6	57726.5	-32.9	0.07	-500	-508.3	57754.1	-39.7	0.10	-500	-407.9	57740.8	-35.3	0.07
-500	-605.3	57699.8	-94.7	0.13	-500	-506.9	57756.7	-37.0	0.09	-500	-406.6	57738.5	-30.8	0.10
-500	-603.9	57734.9	-31.0	0.08	-500	-505.6	57759.0	-27.9	0.07	-500	-405.3	57736.1	-44.0	0.12
-500	-602.6	57740.1	-28.6	0.07	-500	-504.2	57755.4	-31.4	0.07	-500	-403.9	57737.5	-42.4	0.07
-500	-601.3	57743.9	-18.5	0.08	-500	-502.8	57751.8	-38.7	0.08	-500	-402.6	57735.5	-46.8	0.12
-500	-600.0	57745.7	-18.4	0.09	-500	-501.4	57750.5	-39.4	0.10	-500	-401.3	57739.7	-35.4	0.08
-500	-598.6	57746.2	-24.1	0.10	-500	-500.0	57756.1	-21.0	0.15	-500	-400.0	57745.9	-19.0	0.06
-500	-597.2	57740.5	-32.6	0.11	-500	-498.3	57754.0	-26.7	0.10	-500	-398.8	57744.7	-19.9	0.08
-500	-595.8	57738.0	-31.2	0.09	-500	-496.7	57753.9	-19.9	0.09	-500	-397.5	57741.5	-42.2	0.07
-500	-594.4	57739.2	-32.0	0.10	-500	-495.0	57751.3	-26.3	0.08	-500	-396.3	57740.4	-34.3	0.08
-500	-593.1	57736.6	-32.5	0.08	-500	-493.3	57750.2	-27.8	0.07	-500	-395.0	57740.6	-34.9	0.07
-500	-591.7	57737.3	-37.0	0.11	-500	-491.7	57752.7	-25.2	0.08	-500	-393.8	57736.8	-45.2	0.11
-500	-590.3	57739.0	-36.3	0.08	-500	-490.0	57757.7	-17.5	0.08	-500	-392.5	57740.3	-24.4	0.07
-500	-588.9	57740.1	-36.9	0.07	-500	-488.3	57755.6	-28.5	0.07	-500	-391.3	57733.4	-44.2	0.09
-500	-587.5	57742.7	-33.1	0.07	-500	-486.7	57736.3	-77.2	0.12	-500	-390.0	57732.2	-44.1	0.07
-500	-586.1	57744.7	-32.8	0.07	-500	-485.0	57745.0	-29.8	0.08	-500	-388.8	57732.2	-41.5	0.07
-500	-584.7	57745.4	-36.1	0.07	-500	-483.3	57747.4	-32.6	0.07	-500	-387.5	57733.9	-32.3	0.08
-500	-583.3	57749.4	-33.0	0.08	-500	-481.7	57751.2	-32.2	0.07	-500	-386.3	57731.0	-49.8	0.08
-500	-581.9	57753.2	-29.9	0.08	-500	-480.0	57749.0	-30.9	0.08	-500	-385.0	57733.7	-37.8	0.08
-500	-580.6	57754.9	-36.3	0.07	-500	-478.3	57749.5	-29.8	0.07	-500	-383.8	57734.2	-39.0	0.08
-500	-579.2	57761.3	-30.1	0.08	-500	-476.7	57750.6	-27.5	0.08	-500	-382.5	57734.8	-40.9	0.08
-500	-577.8	57766.8	-31.2	0.09	-500	-475.0	57749.9	-19.4	0.07	-500	-381.3	57736.5	-38.5	0.08

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-500	-380.0	57736.2	-45.2	0.08	-500	-302.2	57746.2	-41.2	0.07	-500	-221.7	57754.4	-39.1	0.09
-500	-378.8	57738.9	-39.3	0.08	-500	-301.1	57752.1	-17.3	0.08	-500	-220.7	57753.4	-41.9	0.07
-500	-377.5	57738.5	-34.2	0.07	-500	-300.0	57751.5	-19.3	0.08	-500	-219.6	57751.8	-42.4	0.11
-500	-376.3	57738.0	-34.4	0.08	-500	-298.9	57751.0	-19.5	0.08	-500	-218.5	57752.5	-40.1	0.08
-500	-375.0	57744.6	-17.0	0.08	-500	-297.7	57743.5	-34.9	0.08	-500	-217.4	57754.4	-37.1	0.08
-500	-373.9	57742.4	-25.2	0.13	-500	-296.6	57744.5	-42.2	0.07	-500	-216.3	57751.9	-48.3	0.11
-500	-372.7	57738.3	-39.6	0.11	-500	-295.5	57743.0	-45.0	0.08	-500	-215.2	57761.9	-31.1	0.09
-500	-371.6	57738.3	-41.4	0.08	-500	-294.3	57741.7	-39.7	0.07	-500	-214.1	57758.5	-41.0	0.10
-500	-370.5	57739.6	-38.5	0.07	-500	-293.2	57742.8	-38.9	0.07	-500	-213.0	57759.2	-37.7	0.07
-500	-369.3	57742.2	-39.0	0.08	-500	-292.0	57739.5	-42.6	0.08	-500	-212.0	57755.9	-46.6	0.08
-500	-368.2	57740.0	-37.5	0.08	-500	-290.9	57739.7	-39.3	0.10	-500	-210.9	57756.1	-45.6	0.08
-500	-367.0	57741.2	-38.5	0.07	-500	-289.8	57737.3	-42.7	0.07	-500	-209.8	57757.5	-44.4	0.09
-500	-365.9	57741.1	-39.3	0.07	-500	-288.6	57738.5	-41.4	0.07	-500	-208.7	57757.2	-40.4	0.12
-500	-364.8	57740.6	-41.4	0.07	-500	-287.5	57737.7	-43.7	0.08	-500	-207.6	57755.9	-42.9	0.09
-500	-363.6	57740.7	-40.7	0.09	-500	-286.4	57740.9	-36.6	0.07	-500	-206.5	57722.1	-111.2	0.11
-500	-362.5	57741.9	-36.0	0.09	-500	-285.2	57739.5	-40.9	0.08	-500	-205.4	57754.5	-44.3	0.14
-500	-361.4	57743.2	-35.8	0.07	-500	-284.1	57741.1	-39.6	0.07	-500	-204.3	57752.0	-46.7	0.09
-500	-360.2	57741.0	-40.6	0.11	-500	-283.0	57740.3	-41.3	0.09	-500	-203.3	57749.7	-49.4	0.11
-500	-359.1	57741.0	-13.6	0.15	-500	-281.8	57741.4	-41.6	0.09	-500	-202.2	57751.1	-45.0	0.08
-500	-358.0	57741.2	-43.1	0.08	-500	-280.7	57742.5	-41.4	0.09	-500	-201.1	57758.2	-26.2	0.09
-500	-356.8	57741.8	-40.6	0.07	-500	-279.5	57744.3	-38.6	0.09	-500	-200.0	57762.8	-18.9	0.07
-500	-355.7	57741.3	-43.7	0.08	-500	-278.4	57747.1	-34.0	0.07	-500	-199.0	57759.8	-34.7	0.08
-500	-354.5	57738.4	-47.6	0.10	-500	-277.3	57744.4	-40.6	0.08	-500	-198.0	57758.2	-38.0	0.09
-500	-353.4	57740.6	-44.2	0.09	-500	-276.1	57746.5	-31.4	0.08	-500	-197.0	57756.8	-39.5	0.09
-500	-352.3	57741.4	-38.1	0.10	-500	-275.0	57749.2	-20.3	0.07	-500	-196.0	57756.8	-40.7	0.09
-500	-351.1	57743.3	-28.9	0.07	-500	-273.9	57749.1	-22.8	0.11	-500	-195.0	57754.4	-44.3	0.08
-500	-350.0	57745.9	-20.8	0.07	-500	-272.7	57742.9	-46.2	0.09	-500	-194.0	57753.4	-40.8	0.09
-500	-348.9	57743.3	-24.5	0.09	-500	-271.6	57744.1	-45.7	0.12	-500	-193.0	57748.1	-44.2	0.10
-500	-347.7	57740.7	-38.9	0.11	-500	-270.5	57745.9	-45.6	0.10	-500	-192.0	57749.7	-35.6	0.07
-500	-346.6	57738.1	-41.6	0.07	-500	-269.3	57748.0	-37.1	0.08	-500	-191.0	57741.1	-47.9	0.15
-500	-345.5	57739.2	-40.0	0.07	-500	-268.2	57747.5	-41.6	0.10	-500	-190.0	57740.2	-52.6	0.11
-500	-344.3	57742.2	-34.3	0.07	-500	-267.0	57749.9	-38.2	0.08	-500	-189.0	57742.3	-46.5	0.08
-500	-343.2	57739.9	-40.3	0.10	-500	-265.9	57751.1	-38.3	0.10	-500	-188.0	57742.9	-48.8	0.10
-500	-342.0	57739.2	-40.4	0.10	-500	-264.8	57748.2	-41.9	0.08	-500	-187.0	57746.1	-50.6	0.10
-500	-340.9	57719.7	-76.9	0.09	-500	-263.6	57749.6	-38.4	0.08	-500	-186.0	57748.5	-47.7	0.09
-500	-339.8	57738.3	-40.0	0.14	-500	-262.5	57751.2	-37.0	0.07	-500	-185.0	57744.4	-58.3	0.12
-500	-338.6	57740.3	-35.5	0.13	-500	-261.4	57749.5	-36.3	0.07	-500	-184.0	57745.0	-54.6	0.11
-500	-337.5	57739.0	-41.1	0.09	-500	-260.2	57747.6	-45.4	0.08	-500	-183.0	57746.0	-49.6	0.08
-500	-336.4	57737.4	-49.4	0.11	-500	-259.1	57748.5	-42.4	0.08	-500	-182.0	57749.9	-48.5	0.11
-500	-335.2	57738.4	-42.9	0.07	-500	-258.0	57748.7	-43.3	0.07	-500	-181.0	57756.3	-43.0	0.09
-500	-334.1	57739.1	-47.7	0.08	-500	-256.8	57749.9	-41.3	0.08	-500	-180.0	57761.5	-41.4	0.08
-500	-333.0	57739.5	-48.6	0.08	-500	-255.7	57751.3	-44.4	0.11	-500	-179.0	57763.6	-44.2	0.10
-500	-331.8	57739.7	-50.0	0.10	-500	-254.5	57753.2	-40.7	0.09	-500	-178.0	57766.1	-40.9	0.08
-500	-330.7	57738.9	-49.3	0.09	-500	-253.4	57754.0	-40.4	0.09	-500	-177.0	57764.6	-41.9	0.07
-500	-329.5	57740.3	-46.2	0.12	-500	-252.3	57758.3	-28.8	0.07	-500	-176.0	57769.8	-21.5	0.08
-500	-328.4	57737.0	-53.3	0.09	-500	-251.1	57759.4	-17.3	0.07	-500	-175.0	57765.9	-28.8	0.09
-500	-327.3	57741.5	-43.0	0.07	-500	-250.0	57758.7	-19.6	0.10	-500	-173.8	57764.8	-27.8	0.08
-500	-326.1	57717.0	-88.4	0.12	-500	-248.8	57757.0	-25.3	0.07	-500	-172.5	57763.4	-41.3	0.09
-500	-325.0	57748.0	-25.4	0.07	-500	-247.5	57752.8	-38.1	0.07	-500	-171.3	57759.3	-40.1	0.11
-500	-323.9	57746.7	-33.9	0.07	-500	-246.3	57751.1	-43.0	0.07	-500	-170.0	57755.1	-45.1	0.08
-500	-322.8	57743.6	-38.8	0.07	-500	-245.0	57753.7	-40.4	0.07	-500	-168.8	57754.6	-40.5	0.09
-500	-321.7	57743.0	-42.2	0.08	-500	-243.8	57756.5	-39.7	0.08	-500	-167.5	57752.7	-44.2	0.11
-500	-320.7	57741.8	-43.9	0.08	-500	-242.5	57758.3	-36.1	0.09	-500	-166.3	57753.7	-39.6	0.09
-500	-319.6	57742.6	-39.9	0.07	-500	-241.3	57758.5	-44.2	0.08	-500	-165.0	57749.4	-20.6	0.14
-500	-318.5	57741.3	-44.6	0.08	-500	-240.0	57762.4	-37.4	0.08	-500	-163.8	57746.3	-49.2	0.09
-500	-317.4	57742.9	-41.8	0.08	-500	-238.8	57763.9	-37.7	0.08	-500	-162.5	57748.3	-38.8	0.07
-500	-316.3	57744.5	-37.8	0.11	-500	-237.5	57766.8	-36.4	0.07	-500	-161.3	57744.0	-51.9	0.08
-500	-315.2	57744.7	-39.8	0.10	-500	-236.3	57767.7	-34.5	0.08	-500	-160.0	57749.5	-39.6	0.08
-500	-314.1	57715.9	-43.7	0.13	-500	-235.0	57769.4	-33.9	0.08	-500	-158.8	57749.1	-41.4	0.09
-500	-313.0	57743.9	-41.1	0.08	-500	-233.8	57740.6	-32.5	0.14	-500	-157.5	57745.8	-42.4	0.10
-500	-312.0	57745.8	-36.1	0.07	-500	-232.5	57765.1	-38.9	0.12	-500	-156.3	57740.3	-48.4	0.09
-500	-310.9	57744.2	-37.1	0.10	-500	-231.3	57761.0	-38.1	0.08	-500	-155.0	57741.8	-43.6	0.07
-500	-309.8	57742.5	-45.1	0.11	-500	-230.0	57759.3	-34.9	0.08	-500	-153.8	57741.1	-48.1	0.08
-500	-308.7	57741.3	-50.5	0.07	-500	-228.8	57756.3	-40.0	0.08	-500	-152.5	57743.0	-46.2	0.09
-500	-307.6	57741.8	-48.6	0.08	-500	-227.5	57754.2	-40.0	0.07	-500	-151.3	57750.7	-27.4	0.08
-500	-306.5	57741.5	-46.5	0.08	-500	-226.3	57759.5	-17.3	0.08	-500	-150.0	57753.2	-21.3	0.08
-500	-305.4	57714.9	-101.8	0.12	-500	-225.0	57758.2	-20.8	0.08	-500	-148.8	57752.4	-23.6	0.08
-500	-304.3	57742.8	-48.4	0.08	-500	-223.9	57759.2	-19.7	0.08	-500	-147.5	57753.4	-37.1	0.08
-500	-303.3	57744.1	-45.5	0.09	-500	-222.8	57755.9	-36.2	0.07	-500	-146.3	57759.7	-39.1	0.08

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-500	-145.0	57761.4	-44.0	0.09	-500	-59.5	57757.3	-31.3	0.09	-500	33.3	57677.2	-206.2	0.12
-500	-143.8	57762.3	-42.8	0.08	-500	-58.3	57745.8	-42.4	0.13	-500	34.7	57760.9	-47.5	0.10
-500	-142.5	57760.8	-42.7	0.09	-500	-57.1	57738.1	-53.2	0.10	-500	36.1	57768.3	-38.4	0.11
-500	-141.3	57757.1	-47.0	0.14	-500	-56.0	57737.2	-52.3	0.18	-500	37.5	57772.3	-32.4	0.08
-500	-140.0	57753.6	-45.4	0.09	-500	-54.8	57743.5	-50.1	0.08	-500	38.9	57774.7	-19.4	0.08
-500	-138.8	57755.9	-44.3	0.08	-500	-53.6	57752.0	-43.1	0.08	-500	40.3	57772.7	-21.2	0.08
-500	-137.5	57755.9	-42.0	0.09	-500	-52.4	57759.2	-41.3	0.08	-500	41.7	57770.7	-33.0	0.08
-500	-136.3	57758.8	-35.1	0.08	-500	-51.2	57766.3	-22.8	0.08	-500	43.1	57771.5	-27.7	0.08
-500	-135.0	57756.5	-38.0	0.11	-500	-50.0	57770.4	-24.7	0.09	-500	44.4	57774.7	-23.3	0.07
-500	-133.8	57752.4	-42.9	0.09	-500	-48.7	57777.0	-25.6	0.09	-500	45.8	57776.7	-25.1	0.08
-500	-132.5	57749.7	-42.8	0.09	-500	-47.4	57775.5	-35.7	0.11	-500	47.2	57778.1	-31.2	0.09
-500	-131.3	57745.0	-49.2	0.09	-500	-46.1	57776.1	-34.1	0.12	-500	48.6	57781.1	-17.1	0.09
-500	-130.0	57748.0	-45.7	0.10	-500	-44.7	57775.1	-36.9	0.09	-500	50.0	57781.3	-20.0	0.07
-500	-128.8	57753.2	-42.5	0.08	-500	-43.4	57773.6	-41.5	0.08	-500	51.4	57784.7	-19.2	0.07
-500	-127.5	57759.9	-38.0	0.08	-500	-42.1	57773.2	-43.4	0.09	-500	52.8	57786.4	-38.0	0.07
-500	-126.3	57772.6	-18.0	0.08	-500	-40.8	57771.6	-45.7	0.08	-500	54.2	57789.6	-33.3	0.09
-500	-125.0	57773.4	-16.4	0.09	-500	-39.5	57773.4	-40.9	0.10	-500	55.6	57787.5	-39.9	0.09
-500	-123.6	57773.2	-18.6	0.07	-500	-38.2	57772.9	-36.2	0.11	-500	56.9	57791.0	-35.9	0.08
-500	-122.2	57764.4	-43.1	0.08	-500	-36.8	57767.6	-39.3	0.08	-500	58.3	57790.7	-37.5	0.09
-500	-120.8	57762.1	-38.0	0.07	-500	-35.5	57762.9	-32.9	0.08	-500	59.7	57787.8	-37.0	0.09
-500	-119.4	57761.3	-37.1	0.07	-500	-34.2	57753.5	-41.5	0.09	-500	61.1	57780.7	-44.0	0.09
-500	-118.1	57758.9	-40.0	0.09	-500	-32.9	57749.6	-40.4	0.09	-500	62.5	57783.9	-41.3	0.09
-500	-116.7	57761.1	-38.9	0.09	-500	-31.6	57745.6	-45.0	0.10	-500	63.9	57786.5	-31.8	0.08
-500	-115.3	57762.3	-37.2	0.08	-500	-30.3	57746.4	-38.5	0.08	-500	65.3	57779.5	-34.5	0.11
-500	-113.9	57760.5	-38.5	0.12	-500	-28.9	57747.5	-40.1	0.08	-500	66.7	57773.6	-32.6	0.09
-500	-112.5	57758.8	-40.7	0.08	-500	-27.6	57751.9	-37.3	0.08	-500	68.1	57768.1	-36.6	0.10
-500	-111.1	57754.9	-44.5	0.07	-500	-26.3	57756.1	-25.9	0.08	-500	69.4	57769.6	-38.0	0.13
-500	-109.7	57753.9	-47.2	0.09	-500	-25.0	57764.0	-16.6	0.07	-500	70.8	57765.7	-36.5	0.08
-500	-108.3	57753.7	-46.0	0.09	-500	-23.6	57761.5	-21.9	0.09	-500	72.2	57763.2	-36.9	0.08
-500	-106.9	57747.7	-49.5	0.10	-500	-22.2	57751.4	-48.6	0.11	-500	73.6	57761.7	-20.0	0.08
-500	-105.6	57745.8	-47.4	0.08	-500	-20.8	57757.2	-42.8	0.11	-500	75.0	57752.8	-30.8	0.08
-500	-104.2	57747.3	-41.4	0.09	-500	-19.4	57770.2	-32.6	0.11	-500	76.3	57750.3	-37.9	0.07
-500	-102.8	57747.4	-43.1	0.08	-500	-18.1	57775.8	-34.7	0.08	-500	77.6	57755.3	-27.6	0.08
-500	-101.4	57752.1	-23.4	0.10	-500	-16.7	57776.4	-37.0	0.08	-500	78.9	57748.2	-45.5	0.09
-500	-100.0	57753.0	-20.9	0.09	-500	-15.3	57776.1	-35.6	0.08	-500	80.3	57751.6	-38.5	0.08
-500	-98.9	57755.5	-23.7	0.09	-500	-13.9	57776.3	-36.9	0.07	-500	81.6	57748.1	-49.5	0.08
-500	-97.7	57750.8	-45.1	0.08	-500	-12.5	57778.9	-35.1	0.08	-500	82.9	57752.4	-44.3	0.11
-500	-96.6	57753.5	-43.7	0.08	-500	-11.1	57778.9	-34.8	0.09	-500	84.2	57756.8	-42.5	0.07
-500	-95.5	57755.2	-43.2	0.07	-500	-9.7	57777.9	-32.9	0.08	-500	85.5	57759.1	-38.0	0.07
-500	-94.3	57755.5	-42.7	0.09	-500	-8.3	57772.3	-41.1	0.09	-500	86.8	57762.7	-35.5	0.08
-500	-93.2	57727.8	-96.5	0.12	-500	-6.9	57772.5	-35.1	0.07	-500	88.2	57762.4	-36.9	0.12
-500	-92.0	57755.4	-43.9	0.09	-500	-5.6	57769.9	-36.2	0.07	-500	89.5	57760.3	-37.4	0.09
-500	-90.9	57756.1	-39.0	0.08	-500	-4.2	57766.6	-35.5	0.10	-500	90.8	57761.3	-34.9	0.09
-500	-89.8	57756.0	-24.2	0.07	-500	-2.8	57762.4	-36.4	0.11	-500	92.1	57758.0	-36.3	0.08
-500	-88.6	57755.2	-24.5	0.07	-500	-1.4	57756.1	-45.8	0.08	-500	93.4	57740.4	-47.5	0.08
-500	-87.5	57751.9	-36.1	0.09	-500	0.0	57762.3	-21.9	0.09	-500	94.7	57726.5	-56.1	0.08
-500	-86.4	57749.9	-43.1	0.09	-500	1.4	57761.0	-27.9	0.09	-500	96.1	57720.3	-62.1	0.08
-500	-85.2	57750.7	-51.8	0.08	-500	2.8	57753.6	-49.2	0.07	-500	97.4	57749.6	-55.9	0.10
-500	-84.1	57754.6	-52.1	0.09	-500	4.2	57755.8	-41.8	0.09	-500	98.7	57795.9	-12.2	0.15
-500	-83.0	57761.3	-41.6	0.08	-500	5.6	57759.3	-38.8	0.12	-500	100.0	57796.9	-2.6	0.09
-500	-81.8	57764.4	-44.8	0.08	-500	6.9	57758.2	-40.1	0.12	-500	101.5	57784.5	-13.0	0.08
-500	-80.7	57765.3	-49.8	0.12	-500	8.3	57757.9	-44.7	0.10	-500	102.9	57769.4	-28.3	0.08
-500	-79.5	57769.4	-48.9	0.11	-500	9.7	57758.2	-37.9	0.08	-500	104.4	57755.6	-34.7	0.09
-500	-78.4	57775.0	-41.8	0.08	-500	11.1	57756.2	-43.6	0.09	-500	105.9	57733.5	-45.4	0.09
-500	-77.3	57777.4	-42.0	0.08	-500	12.5	57754.4	-43.2	0.08	-500	107.4	57718.7	6.0	0.12
-500	-76.1	57781.7	-17.6	0.07	-500	13.9	57750.5	-46.7	0.08	-500	108.8	57719.2	-47.6	0.10
-500	-75.0	57781.8	-17.2	0.10	-500	15.3	57748.5	-46.6	0.08	-500	110.3	57722.8	-39.6	0.09
-500	-73.8	57776.9	-25.7	0.08	-500	16.7	57750.7	-39.7	0.09	-500	111.8	57721.3	-47.4	0.07
-500	-72.6	57771.9	-35.0	0.14	-500	18.1	57748.0	-44.7	0.08	-500	113.2	57726.6	-37.4	0.09
-500	-71.4	57773.6	-23.8	0.11	-500	19.4	57745.5	-43.2	0.07	-500	114.7	57724.6	-36.2	0.09
-500	-70.2	57773.3	-21.0	0.08	-500	20.8	57746.1	-36.8	0.10	-500	116.2	57715.5	-39.3	0.10
-500	-69.0	57763.0	-39.1	0.09	-500	22.2	57740.3	-43.5	0.09	-500	117.6	57715.0	-38.1	0.08
-500	-67.9	57762.2	-42.4	0.09	-500	23.6	57742.4	-30.4	0.08	-500	119.1	57711.8	-42.0	0.09
-500	-66.7	57757.3	-40.1	0.09	-500	25.0	57745.8	-23.2	0.08	-500	120.6	57705.7	-39.2	0.08
-500	-65.5	57753.0	-42.8	0.09	-500	26.4	57746.5	-32.7	0.07	-500	122.1	57697.3	-39.8	0.08
-500	-64.3	57751.1	-49.8	0.09	-500	27.8	57745.3	-41.5	0.08	-500	123.5	57692.4	-27.2	0.09
-500	-63.1	57755.9	-42.4	0.08	-500	29.2	57754.6	-42.9	0.09	-500	125.0	57686.7	-29.1	0.07
-500	-61.9	57757.1	-46.3	0.08	-500	30.6	57754.0	-43.4	0.09	-500	126.6	57669.9	-31.2	0.09
-500	-60.7	57758.2	-39.1	0.09	-500	31.9	57755.0	-42.4	0.08	-500	128.1	57649.9	-52.4	0.11

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-500	129.7	57636.8	-57.3	0.10	-400	-663.9	57749.4	-5.0	0.09	-400	-580.4	57695.2	-47.5	0.07
-500	131.3	57632.3	-61.4	0.08	-400	-662.5	57751.4	-29.1	0.08	-400	-579.3	57698.2	-44.2	0.08
-500	132.8	57637.8	-65.2	0.08	-400	-661.1	57758.3	-24.4	0.09	-400	-578.3	57701.9	-45.8	0.11
-500	134.4	57635.8	-86.9	0.08	-400	-659.7	57757.0	-32.1	0.10	-400	-577.2	57708.1	-41.7	0.09
-500	135.9	57710.6	-78.2	0.11	-400	-658.3	57756.2	-34.0	0.09	-400	-576.1	57708.4	-45.0	0.09
-500	137.5	57936.2	41.5	0.09	-400	-656.9	57754.8	-38.9	0.08	-400	-575.0	57716.8	-23.1	0.08
-500	139.1	58000.1	54.9	0.11	-400	-655.6	57756.2	-36.1	0.08	-400	-574.0	57715.6	-20.3	0.08
-500	140.6	57911.5	-6.7	0.12	-400	-654.2	57757.7	-35.7	0.09	-400	-573.0	57708.7	-39.3	0.08
-500	142.2	57867.5	-28.2	0.10	-400	-652.8	57759.9	-36.5	0.09	-400	-572.0	57708.4	-44.0	0.09
-500	143.8	57850.0	-28.7	0.08	-400	-651.4	57763.8	-23.3	0.09	-400	-571.0	57707.7	-48.4	0.09
-500	145.3	57838.3	-28.5	0.08	-400	-650.0	57764.6	-31.5	0.08	-400	-570.0	57717.4	-43.2	0.09
-500	146.9	57827.8	-26.5	0.09	-400	-648.8	57766.4	-18.4	0.09	-400	-569.0	57726.0	-35.0	0.12
-500	148.4	57819.1	-15.6	0.10	-400	-647.6	57764.0	-35.4	0.10	-400	-568.0	57724.8	-45.3	0.08
-500	150.0	57811.1	-5.9	0.10	-400	-646.4	57763.0	-39.1	0.09	-400	-567.0	57730.1	-32.5	0.09
-500	151.4	57792.2	-18.0	0.08	-400	-645.2	57762.8	-41.2	0.11	-400	-566.0	57729.3	-39.4	0.10
-500	152.8	57784.6	-22.6	0.09	-400	-644.0	57761.0	-42.3	0.10	-400	-565.0	57730.6	-41.9	0.12
-500	154.2	57767.8	-32.5	0.13	-400	-642.9	57759.6	-43.9	0.13	-400	-564.0	57737.0	-34.1	0.11
-500	155.6	57764.3	-29.1	0.08	-400	-641.7	57759.9	-35.2	0.08	-400	-563.0	57736.9	-45.9	0.09
-500	156.9	57771.3	-18.7	0.10	-400	-640.5	57760.9	-38.3	0.09	-400	-562.0	57732.5	-48.8	0.10
-500	158.3	57763.7	-31.0	0.09	-400	-639.3	57763.3	-37.2	0.09	-400	-561.0	57728.3	-45.5	0.12
-500	159.7	57771.4	-32.2	0.08	-400	-638.1	57762.1	-42.6	0.11	-400	-560.0	57722.7	-43.7	0.09
-500	161.1	57782.1	-15.7	0.07	-400	-636.9	57765.5	-29.3	0.09	-400	-559.0	57722.9	-35.8	0.11
-500	162.5	57772.1	-20.3	0.08	-400	-635.7	57759.0	-41.8	0.13	-400	-558.0	57717.6	-54.0	0.17
-500	163.9	57745.1	-36.8	0.09	-400	-634.5	57754.6	-49.3	0.12	-400	-557.0	57716.5	-38.7	0.15
-500	165.3	57729.4	-43.3	0.08	-400	-633.3	57758.6	-28.7	0.09	-400	-556.0	57711.2	-54.0	0.09
-500	166.7	57720.2	-42.4	0.08	-400	-632.1	57753.2	-40.2	0.09	-400	-555.0	57713.5	-41.5	0.18
-500	168.1	57716.5	-45.7	0.08	-400	-631.0	57753.0	-37.3	0.08	-400	-554.0	57707.1	-51.4	0.10
-500	169.4	57716.8	-48.4	0.08	-400	-629.8	57748.0	-48.2	0.09	-400	-553.0	57706.1	-52.4	0.09
-500	170.8	57719.1	-46.7	0.15	-400	-628.6	57755.8	-17.2	0.07	-400	-552.0	57702.9	-56.2	0.20
-500	172.2	57721.6	-38.4	0.11	-400	-627.4	57754.2	-17.3	0.08	-400	-551.0	57713.3	-23.7	0.09
-500	173.6	57722.8	-36.3	0.10	-400	-626.2	57748.8	-21.4	0.08	-400	-550.0	57711.2	-26.3	0.08
-500	175.0	57724.8	-25.4	0.07	-400	-625.0	57749.6	-29.4	0.10	-400	-548.8	57712.5	-24.4	0.08
-500	176.3	57725.0	-27.8	0.07	-400	-623.8	57744.6	-31.4	0.08	-400	-547.6	57704.2	-47.7	0.12
-500	177.5	57723.0	-48.4	0.08	-400	-622.5	57739.9	-37.7	0.08	-400	-546.4	57714.9	-39.6	0.14
-500	178.8	57729.9	-43.2	0.07	-400	-621.3	57733.5	-51.8	0.12	-400	-545.2	57703.9	-72.6	0.16
-500	180.0	57733.6	-34.6	0.08	-400	-620.0	57729.5	-53.7	0.10	-400	-544.0	57730.3	-30.5	0.13
-500	181.3	57737.4	-31.2	0.07	-400	-618.8	57734.4	-36.3	0.07	-400	-542.9	57730.7	-42.9	0.18
-500	182.5	57737.4	-30.1	0.08	-400	-617.5	57739.3	-20.6	0.08	-400	-541.7	57737.6	-41.6	0.10
-500	183.8	57728.0	-46.6	0.08	-400	-616.3	57733.6	-37.5	0.09	-400	-540.5	57742.8	-32.4	0.12
-500	185.0	57726.4	-46.7	0.09	-400	-615.0	57732.4	-33.4	0.09	-400	-539.3	57744.7	-34.8	0.09
-500	186.3	57730.5	-36.7	0.08	-400	-613.8	57723.9	-50.0	0.10	-400	-538.1	57743.4	-41.6	0.09
-500	187.5	57730.8	-36.1	0.08	-400	-612.5	57722.0	-47.5	0.08	-400	-536.9	57749.6	-32.1	0.12
-500	188.8	57729.4	-35.0	0.08	-400	-611.3	57716.4	-47.8	0.09	-400	-535.7	57750.1	-35.7	0.12
-500	190.0	57725.9	-42.8	0.07	-400	-610.0	57713.1	-48.2	0.09	-400	-534.5	57749.7	-35.4	0.15
-500	191.3	57724.8	-40.5	0.10	-400	-608.8	57707.2	-49.8	0.10	-400	-533.3	57750.1	-36.0	0.11
-500	192.5	57712.8	-61.5	0.09	-400	-607.5	57705.3	-50.0	0.11	-400	-532.1	57749.0	-44.7	0.12
-500	193.8	57715.1	-54.8	0.08	-400	-606.3	57703.6	-46.4	0.10	-400	-531.0	57754.4	-24.4	0.08
-500	195.0	57720.8	-47.2	0.11	-400	-605.0	57703.4	-43.6	0.08	-400	-529.8	57755.7	-19.4	0.08
-500	196.3	57724.4	-43.3	0.10	-400	-603.8	57703.2	-41.7	0.10	-400	-528.6	57753.7	-30.0	0.08
-500	197.5	57728.9	-36.8	0.08	-400	-602.5	57703.4	-41.8	0.09	-400	-527.4	57753.9	-38.9	0.09
-500	198.8	57737.5	-18.9	0.08	-400	-601.3	57703.4	-42.3	0.09	-400	-526.2	57762.5	-13.9	0.07
-500	200.0	57738.3	-18.4	0.07	-400	-600.0	57712.7	-23.0	0.11	-400	-525.0	57732.6	-74.5	0.13
-400	-684.0	57707.9	-15.5	0.11	-400	-598.9	57711.2	-36.0	0.12	-400	-523.8	57759.7	-16.3	0.16
-400	-683.0	57708.9	-29.6	0.10	-400	-597.8	57707.1	-49.1	0.14	-400	-522.5	57755.0	-28.6	0.10
-400	-682.0	57708.0	-39.4	0.13	-400	-596.7	57678.4	-103.3	0.13	-400	-521.3	57755.7	-35.0	0.09
-400	-681.0	57712.9	-26.8	0.09	-400	-595.7	57708.6	-36.3	0.08	-400	-520.0	57754.2	-33.7	0.10
-400	-680.0	57721.1	-17.7	0.10	-400	-594.6	57708.2	-34.3	0.15	-400	-518.8	57753.5	-34.4	0.10
-400	-679.0	57722.3	-21.3	0.11	-400	-593.5	57694.8	-57.0	0.09	-400	-517.5	57748.9	-41.7	0.08
-400	-678.0	57719.1	-21.9	0.10	-400	-592.4	57689.5	-59.9	0.09	-400	-516.3	57745.6	-43.0	0.09
-400	-677.0	57727.0	-16.1	0.18	-400	-591.3	57692.8	-47.8	0.08	-400	-515.0	57748.5	-33.0	0.09
-400	-676.0	57728.8	-17.7	0.07	-400	-590.2	57697.0	-41.4	0.08	-400	-513.8	57744.5	-41.8	0.08
-400	-675.0	57729.9	-17.3	0.09	-400	-589.1	57693.0	-46.1	0.08	-400	-512.5	57747.1	-34.5	0.09
-400	-673.6	57728.4	-26.0	0.10	-400	-588.0	57694.9	-43.6	0.09	-400	-511.3	57744.4	-37.4	0.14
-400	-672.2	57730.3	-26.8	0.08	-400	-587.0	57696.4	-37.4	0.08	-400	-510.0	57743.9	-31.1	0.15
-400	-670.8	57736.1	-25.7	0.09	-400	-585.9	57686.8	-52.1	0.13	-400	-508.8	57745.7	-29.9	0.12
-400	-669.4	57738.1	-25.8	0.11	-400	-584.8	57685.7	-53.4	0.09	-400	-507.5	57742.2	-39.3	0.08
-400	-668.1	57736.9	-39.5	0.10	-400	-583.7	57684.8	-55.9	0.08	-400	-506.3	57746.0	-31.2	0.09
-400	-666.7	57739.1	-31.1	0.08	-400	-582.6	57691.5	-48.5	0.09	-400	-505.0	57742.9	-38.1	0.12
-400	-665.3	57745.3	-27.7	0.09	-400	-581.5	57692.3	-51.6	0.08	-400	-503.8	57745.1	-37.5	0.18

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-400	-502.5	57746.9	-28.0	0.07	-400	-420.0	57758.8	-23.2	0.07	-400	-334.7	57746.2	-28.5	0.08
-400	-501.3	57746.5	-28.0	0.09	-400	-418.8	57745.7	-49.1	0.09	-400	-333.3	57747.1	-39.0	0.08
-400	-500.0	57753.2	-16.6	0.09	-400	-417.5	57748.6	-34.3	0.08	-400	-331.9	57751.5	-36.5	0.10
-400	-498.9	57755.7	-15.8	0.09	-400	-416.3	57749.1	-41.0	0.08	-400	-330.6	57751.8	-40.3	0.08
-400	-497.8	57754.3	-18.6	0.08	-400	-415.0	57750.7	-37.6	0.08	-400	-329.2	57748.9	-36.7	0.09
-400	-496.7	57749.7	-32.8	0.09	-400	-413.8	57757.1	-25.4	0.12	-400	-327.8	57750.0	-38.2	0.08
-400	-495.7	57747.3	-40.7	0.09	-400	-412.5	57751.5	-39.9	0.08	-400	-326.4	57754.9	-14.4	0.07
-400	-494.6	57752.8	-32.3	0.08	-400	-411.3	57754.0	-33.1	0.08	-400	-325.0	57751.7	-18.7	0.07
-400	-493.5	57750.8	-39.4	0.08	-400	-410.0	57751.0	-40.4	0.08	-400	-323.6	57752.8	-17.2	0.08
-400	-492.4	57751.5	-40.2	0.10	-400	-408.8	57746.2	-46.2	0.09	-400	-322.2	57747.9	-35.1	0.08
-400	-491.3	57749.3	-40.3	0.09	-400	-407.5	57746.6	-39.4	0.08	-400	-320.8	57746.4	-37.7	0.08
-400	-490.2	57756.1	-30.0	0.08	-400	-406.3	57743.8	-36.7	0.08	-400	-319.4	57748.2	-35.2	0.07
-400	-489.1	57753.5	-42.0	0.08	-400	-405.0	57740.8	-39.9	0.09	-400	-318.1	57750.1	-31.3	0.08
-400	-488.0	57753.3	-43.1	0.08	-400	-403.8	57735.3	-46.2	0.11	-400	-316.7	57752.7	-26.4	0.08
-400	-487.0	57758.3	-35.2	0.09	-400	-402.5	57737.1	-39.7	0.09	-400	-315.3	57752.0	-30.5	0.09
-400	-485.9	57757.9	-35.3	0.09	-400	-401.3	57739.4	-26.1	0.10	-400	-313.9	57747.5	-36.5	0.08
-400	-484.8	57755.9	-40.7	0.10	-400	-400.0	57739.5	-18.5	0.09	-400	-312.5	57747.3	-36.4	0.08
-400	-483.7	57757.3	-43.8	0.09	-400	-398.9	57740.0	-16.2	0.08	-400	-311.1	57751.5	-29.3	0.09
-400	-482.6	57758.0	-45.1	0.11	-400	-397.7	57733.3	-35.5	0.09	-400	-309.7	57751.3	-40.1	0.10
-400	-481.5	57765.2	-32.0	0.09	-400	-396.6	57731.3	-42.7	0.10	-400	-308.3	57756.5	-32.0	0.09
-400	-480.4	57762.1	-38.0	0.09	-400	-395.5	57731.2	-43.3	0.11	-400	-306.9	57759.2	-30.1	0.08
-400	-479.3	57761.7	-38.8	0.10	-400	-394.3	57731.0	-43.5	0.09	-400	-305.6	57755.9	-34.7	0.11
-400	-478.3	57760.0	-41.4	0.09	-400	-393.2	57731.6	-41.7	0.09	-400	-304.2	57753.9	-38.6	0.08
-400	-477.2	57759.1	-37.2	0.08	-400	-392.0	57729.8	-47.2	0.09	-400	-302.8	57750.6	-46.2	0.08
-400	-476.1	57765.5	-16.9	0.08	-400	-390.9	57736.2	-35.0	0.09	-400	-301.4	57756.7	-26.4	0.11
-400	-475.0	57765.7	-16.0	0.09	-400	-389.8	57733.1	-46.1	0.10	-400	-300.0	57761.2	-12.2	0.08
-400	-473.8	57758.2	-37.7	0.09	-400	-388.6	57735.1	-42.4	0.09	-400	-298.8	57754.0	-33.7	0.10
-400	-472.6	57755.0	-30.3	0.11	-400	-387.5	57735.2	-42.4	0.10	-400	-297.6	57752.6	-33.5	0.09
-400	-471.4	57752.6	-33.7	0.10	-400	-386.4	57734.1	-42.4	0.08	-400	-296.4	57744.5	-46.0	0.08
-400	-470.2	57749.5	-37.8	0.08	-400	-385.2	57731.6	-50.1	0.10	-400	-295.2	57744.1	-37.2	0.10
-400	-469.0	57744.9	-34.6	0.08	-400	-384.1	57733.9	-47.0	0.10	-400	-294.0	57738.0	-49.1	0.11
-400	-467.9	57737.1	-51.3	0.08	-400	-383.0	57734.2	-46.6	0.08	-400	-292.9	57734.9	-51.6	0.09
-400	-466.7	57742.4	-41.4	0.08	-400	-381.8	57738.0	-39.3	0.08	-400	-291.7	57735.7	-53.0	0.12
-400	-465.5	57741.6	-41.6	0.09	-400	-380.7	57734.2	-47.9	0.09	-400	-290.5	57738.2	-46.8	0.09
-400	-464.3	57733.0	-49.3	0.08	-400	-379.5	57734.6	-44.2	0.08	-400	-289.3	57738.8	-44.5	0.08
-400	-463.1	57729.4	-47.7	0.08	-400	-378.4	57735.0	-46.1	0.08	-400	-288.1	57739.3	-46.1	0.09
-400	-461.9	57731.4	-39.9	0.08	-400	-377.3	57735.3	-45.2	0.09	-400	-286.9	57736.5	-48.3	0.09
-400	-460.7	57735.8	-40.7	0.08	-400	-376.1	57748.9	-15.7	0.08	-400	-285.7	57737.0	-45.2	0.08
-400	-459.5	57735.3	-50.4	0.10	-400	-375.0	57747.3	-15.6	0.07	-400	-284.5	57738.1	-49.0	0.08
-400	-458.3	57741.3	-40.3	0.09	-400	-373.8	57748.4	-13.3	0.08	-400	-283.3	57738.7	-49.3	0.08
-400	-457.1	57748.5	-36.7	0.09	-400	-372.5	57742.1	-31.7	0.08	-400	-282.1	57740.2	-43.8	0.09
-400	-456.0	57751.3	-36.7	0.08	-400	-371.3	57746.8	-20.4	0.07	-400	-281.0	57743.4	-45.5	0.09
-400	-454.8	57756.1	-30.7	0.08	-400	-370.0	57747.2	-23.9	0.08	-400	-279.8	57752.0	-21.1	0.07
-400	-453.6	57753.2	-37.3	0.08	-400	-368.8	57740.9	-36.4	0.08	-400	-278.6	57747.3	-38.2	0.08
-400	-452.4	57755.5	-30.5	0.09	-400	-367.5	57742.5	-36.3	0.08	-400	-277.4	57745.0	-45.6	0.09
-400	-451.2	57755.5	-18.7	0.08	-400	-366.3	57740.3	-44.9	0.09	-400	-276.2	57744.5	-35.4	0.08
-400	-450.0	57754.1	-19.4	0.08	-400	-365.0	57745.2	-39.8	0.08	-400	-275.0	57749.4	-17.5	0.08
-400	-448.7	57745.1	-46.6	0.08	-400	-363.8	57746.0	-33.7	0.08	-400	-273.7	57742.5	-40.7	0.09
-400	-447.4	57744.3	-50.8	0.09	-400	-362.5	57741.4	-44.1	0.08	-400	-272.4	57745.9	-34.2	0.08
-400	-446.1	57746.9	-44.3	0.08	-400	-361.3	57745.4	-32.2	0.11	-400	-271.1	57750.3	-36.5	0.08
-400	-444.7	57746.0	-46.2	0.13	-400	-360.0	57742.8	-41.7	0.09	-400	-269.7	57754.8	-41.5	0.08
-400	-443.4	57742.5	-50.6	0.11	-400	-358.8	57739.2	-50.5	0.08	-400	-268.4	57764.5	-27.3	0.09
-400	-442.1	57747.3	-42.2	0.09	-400	-357.5	57740.3	-44.1	0.08	-400	-267.1	57761.5	-38.5	0.09
-400	-440.8	57748.7	-40.9	0.09	-400	-356.3	57742.7	-37.5	0.08	-400	-265.8	57765.6	-32.3	0.09
-400	-439.5	57754.8	-35.1	0.09	-400	-355.0	57736.7	-43.2	0.10	-400	-264.5	57763.8	-41.3	0.08
-400	-438.2	57756.0	-38.5	0.09	-400	-353.8	57735.2	-51.3	0.13	-400	-263.2	57763.9	-38.8	0.08
-400	-436.8	57763.1	-34.6	0.11	-400	-352.5	57738.1	-40.7	0.09	-400	-261.8	57759.1	-50.6	0.11
-400	-435.5	57767.8	-33.9	0.18	-400	-351.3	57741.3	-22.7	0.07	-400	-260.5	57760.7	-41.8	0.09
-400	-434.2	57772.0	-37.1	0.08	-400	-350.0	57740.7	-21.0	0.08	-400	-259.2	57763.1	-37.6	0.08
-400	-432.9	57773.4	-36.2	0.09	-400	-348.6	57735.3	-37.6	0.09	-400	-257.9	57760.2	-43.6	0.09
-400	-431.6	57772.6	-42.8	0.10	-400	-347.2	57730.6	-49.4	0.08	-400	-256.6	57759.1	-40.8	0.08
-400	-430.3	57772.8	-40.5	0.10	-400	-345.8	57731.5	-46.7	0.09	-400	-255.3	57759.8	-34.0	0.10
-400	-428.9	57774.0	-35.3	0.08	-400	-344.4	57729.1	-54.3	0.09	-400	-253.9	57754.7	-44.7	0.11
-400	-427.6	57770.3	-38.2	0.09	-400	-343.1	57731.0	-50.3	0.08	-400	-252.6	57754.0	-46.8	0.08
-400	-426.3	57773.1	-20.4	0.08	-400	-341.7	57732.5	-43.6	0.08	-400	-251.3	57760.4	-25.8	0.09
-400	-425.0	57769.4	-19.6	0.07	-400	-340.3	57733.4	-43.3	0.08	-400	-250.0	57761.1	-20.4	0.09
-400	-423.8	57766.0	-20.7	0.08	-400	-338.9	57736.4	-40.9	0.09	-400	-248.9	57763.6	-18.4	0.08
-400	-422.5	57758.6	-38.2	0.09	-400	-337.5	57736.6	-41.1	0.11	-400	-247.7	57760.1	-37.9	0.12
-400	-421.3	57758.0	-36.6	0.07	-400	-336.1	57738.4	-40.2	0.11	-400	-246.6	57762.4	-34.8	0.09

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-400	-245.5	57758.7	-44.6	0.10	-400	-158.3	57762.4	-33.1	0.08	-400	-52.8	57779.5	-19.7	0.08
-400	-244.3	57757.6	-38.6	0.07	-400	-156.9	57761.5	-26.0	0.08	-400	-51.4	57778.1	-20.3	0.07
-400	-243.2	57753.9	-47.2	0.09	-400	-155.6	57757.8	-26.6	0.07	-400	-50.0	57774.8	-21.0	0.09
-400	-242.0	57753.2	-47.2	0.11	-400	-154.2	57755.4	-29.8	0.07	-400	-48.5	57766.4	-35.5	0.10
-400	-240.9	57754.4	-40.3	0.08	-400	-152.8	57753.8	-33.5	0.07	-400	-47.1	57767.2	-32.3	0.08
-400	-239.8	57750.6	-42.5	0.08	-400	-151.4	57753.0	-24.9	0.08	-400	-45.6	57769.2	-28.9	0.07
-400	-238.6	57753.1	-32.2	0.09	-400	-150.0	57753.8	-18.0	0.08	-400	-44.1	57769.6	-33.8	0.07
-400	-237.5	57750.0	-41.7	0.09	-400	-148.2	57753.0	-17.0	0.08	-400	-42.6	57769.9	-31.8	0.08
-400	-236.4	57745.1	-50.7	0.08	-400	-146.4	57742.5	-30.0	0.08	-400	-41.2	57772.5	-26.6	0.07
-400	-235.2	57740.9	-46.6	0.08	-400	-144.6	57740.8	-32.6	0.08	-400	-39.7	57767.3	-36.0	0.07
-400	-234.1	57746.3	-33.4	0.09	-400	-142.9	57737.6	-31.9	0.07	-400	-38.2	57761.4	-35.4	0.07
-400	-233.0	57743.0	-41.8	0.11	-400	-141.1	57740.6	-29.9	0.09	-400	-36.8	57757.4	-41.5	0.09
-400	-231.8	57738.4	-44.9	0.10	-400	-139.3	57737.9	-33.4	0.08	-400	-35.3	57759.6	-38.4	0.08
-400	-230.7	57732.9	-44.8	0.09	-400	-137.5	57737.7	-38.1	0.08	-400	-33.8	57768.7	-28.3	0.07
-400	-229.5	57726.4	-49.3	0.09	-400	-135.7	57740.2	-30.4	0.07	-400	-32.4	57771.2	-29.2	0.08
-400	-228.4	57725.2	-47.5	0.09	-400	-133.9	57746.0	-24.7	0.09	-400	-30.9	57768.5	-32.2	0.08
-400	-227.3	57713.7	-70.4	0.12	-400	-132.1	57750.2	-28.2	0.07	-400	-29.4	57765.1	-38.0	0.07
-400	-226.1	57738.9	-24.1	0.08	-400	-130.4	57759.4	-24.7	0.08	-400	-27.9	57774.2	-22.6	0.07
-400	-225.0	57745.9	-22.7	0.08	-400	-128.6	57765.3	-23.0	0.09	-400	-26.5	57775.3	-20.0	0.10
-400	-223.7	57750.3	-26.8	0.07	-400	-126.8	57769.6	-16.1	0.12	-400	-25.0	57776.9	-16.6	0.07
-400	-222.4	57757.7	-24.4	0.07	-400	-125.0	57763.8	-15.4	0.07	-400	-23.3	57777.3	-14.6	0.09
-400	-221.1	57756.3	-35.0	0.08	-400	-123.3	57755.9	-37.8	0.08	-400	-21.7	57770.9	-26.4	0.08
-400	-219.7	57758.3	-36.4	0.08	-400	-121.7	57754.1	-33.8	0.08	-400	-20.0	57767.3	-31.2	0.07
-400	-218.4	57759.1	-37.7	0.09	-400	-120.0	57753.0	-35.8	0.09	-400	-18.3	57765.3	-36.6	0.08
-400	-217.1	57753.1	-40.8	0.10	-400	-118.3	57752.2	-45.1	0.08	-400	-16.7	57766.7	-27.4	0.07
-400	-215.8	57750.2	-39.0	0.10	-400	-116.7	57758.5	-37.3	0.07	-400	-15.0	57768.1	-28.5	0.08
-400	-214.5	57745.1	-42.3	0.08	-400	-115.0	57768.0	-27.5	0.07	-400	-13.3	57766.5	-31.8	0.08
-400	-213.2	57738.8	-47.9	0.08	-400	-113.3	57760.6	-41.4	0.07	-400	-11.7	57766.6	-28.2	0.09
-400	-211.8	57736.5	-49.5	0.08	-400	-111.7	57759.7	-34.3	0.07	-400	-10.0	57741.0	-89.2	0.14
-400	-210.5	57742.1	-38.0	0.07	-400	-110.0	57763.3	-31.6	0.08	-400	-8.3	57776.8	-23.2	0.11
-400	-209.2	57741.0	-45.1	0.08	-400	-108.3	57761.2	-37.9	0.08	-400	-6.7	57782.2	-17.9	0.11
-400	-207.9	57742.9	-46.7	0.09	-400	-106.7	57757.2	-43.3	0.09	-400	-5.0	57781.7	-17.3	0.13
-400	-206.6	57745.3	-47.2	0.09	-400	-105.0	57762.9	-35.5	0.10	-400	-3.3	57778.7	-24.8	0.12
-400	-205.3	57755.9	-39.8	0.08	-400	-103.3	57768.9	-33.4	0.07	-400	-1.7	57782.6	-23.9	0.13
-400	-203.9	57761.1	-41.5	0.08	-400	-101.7	57776.5	-20.2	0.07	-400	0.0	57786.8	-15.5	0.07
-400	-202.6	57763.5	-35.0	0.09	-400	-100.0	57777.7	-15.8	0.07	-400	1.2	57783.8	-36.5	0.08
-400	-201.3	57765.1	-27.0	0.10	-400	-98.6	57777.3	-15.1	0.08	-400	2.4	57786.9	-32.5	0.09
-400	-200.0	57767.2	-16.6	0.07	-400	-97.2	57765.0	-33.8	0.09	-400	3.6	57785.1	-35.5	0.07
-400	-198.8	57757.3	-32.4	0.08	-400	-95.8	57759.5	-35.5	0.08	-400	4.8	57792.0	-29.5	0.07
-400	-197.5	57755.0	-34.2	0.08	-400	-94.4	57751.9	-45.9	0.08	-400	6.0	57793.3	-26.1	0.08
-400	-196.3	57750.7	-39.1	0.07	-400	-93.1	57751.8	-41.1	0.11	-400	7.1	57795.6	-25.0	0.08
-400	-195.0	57755.1	-34.4	0.07	-400	-91.7	57749.6	-47.7	0.08	-400	8.3	57795.5	-30.1	0.09
-400	-193.8	57757.8	-23.2	0.08	-400	-90.3	57753.4	-40.6	0.08	-400	9.5	57795.1	-33.8	0.08
-400	-192.5	57763.8	-22.6	0.11	-400	-88.9	57756.2	-35.7	0.09	-400	10.7	57794.6	-35.7	0.07
-400	-191.3	57766.4	-27.3	0.08	-400	-87.5	57754.6	-36.0	0.08	-400	11.9	57797.6	-30.9	0.08
-400	-190.0	57762.4	-38.1	0.08	-400	-86.1	57753.7	-43.1	0.12	-400	13.1	57796.5	-36.5	0.08
-400	-188.8	57758.5	-41.9	0.08	-400	-84.7	57755.2	-41.8	0.08	-400	14.3	57796.0	-37.2	0.08
-400	-187.5	57756.8	-43.3	0.08	-400	-83.3	57757.5	-35.5	0.08	-400	15.5	57793.5	-41.0	0.09
-400	-186.3	57757.9	-38.7	0.09	-400	-81.9	57748.9	-50.3	0.07	-400	16.7	57792.8	-33.9	0.08
-400	-185.0	57752.4	-49.5	0.08	-400	-80.6	57748.5	-45.6	0.07	-400	17.9	57793.8	-32.4	0.08
-400	-183.8	57759.3	-29.3	0.08	-400	-79.2	57744.8	-54.9	0.08	-400	19.0	57790.8	-43.1	0.08
-400	-182.5	57754.3	-40.6	0.08	-400	-77.8	57749.9	-43.6	0.07	-400	20.2	57789.4	-43.8	0.08
-400	-181.3	57747.5	-48.6	0.09	-400	-76.4	57759.7	-21.5	0.06	-400	21.4	57789.0	-42.2	0.08
-400	-180.0	57749.4	-39.9	0.08	-400	-75.0	57765.3	-20.0	0.08	-400	22.6	57792.5	-29.3	0.07
-400	-178.8	57751.5	-36.2	0.08	-400	-73.6	57770.9	-14.8	0.08	-400	23.8	57788.7	-33.4	0.08
-400	-177.5	57750.0	-43.3	0.09	-400	-72.2	57771.5	-27.1	0.09	-400	25.0	57788.4	-23.9	0.08
-400	-176.3	57758.2	-19.0	0.07	-400	-70.8	57774.1	-28.1	0.11	-400	26.2	57787.2	-24.4	0.08
-400	-175.0	57756.6	-20.4	0.07	-400	-69.4	57774.0	-36.0	0.08	-400	27.4	57778.7	-44.3	0.08
-400	-173.6	57753.6	-33.0	0.11	-400	-68.1	57773.7	-30.5	0.08	-400	28.6	57776.0	-44.4	0.08
-400	-172.2	57754.0	-33.8	0.10	-400	-66.7	57774.4	-31.9	0.07	-400	29.8	57773.1	-43.8	0.08
-400	-170.8	57756.8	-32.7	0.11	-400	-65.3	57773.4	-31.9	0.08	-400	31.0	57768.0	-44.5	0.09
-400	-169.4	57760.7	-29.2	0.08	-400	-63.9	57777.0	-29.8	0.10	-400	32.1	57767.3	-43.9	0.09
-400	-168.1	57756.0	-34.3	0.07	-400	-62.5	57774.6	-33.1	0.09	-400	33.3	57770.2	-35.2	0.09
-400	-166.7	57761.9	-23.8	0.10	-400	-61.1	57774.3	-32.4	0.07	-400	34.5	57767.9	-42.6	0.09
-400	-165.3	57755.6	-35.4	0.09	-400	-59.7	57773.2	-33.0	0.08	-400	35.7	57765.3	-46.8	0.09
-400	-163.9	57755.8	-39.6	0.09	-400	-58.3	57774.8	-31.9	0.08	-400	36.9	57764.4	-48.2	0.09
-400	-162.5	57760.8	-26.1	0.11	-400	-56.9	57768.9	-48.9	0.08	-400	38.1	57762.0	-51.4	0.11
-400	-161.1	57758.7	-26.4	0.08	-400	-55.6	57774.8	-27.7	0.12	-400	39.3	57763.9	-48.0	0.09
-400	-159.7	57762.4	-24.5	0.08	-400	-54.2	57769.2	-43.4	0.08	-400	40.5	57768.7	-38.5	0.09

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-400	41.7	57765.9	-41.2	0.09	-400	128.1	57861.9	-32.7	0.08	-300	-648.7	57776.3	-17.4	0.08
-400	42.9	57762.6	-38.7	0.07	-400	129.7	57873.4	-29.5	0.07	-300	-647.4	57771.1	-35.1	0.10
-400	44.0	57764.0	-35.4	0.08	-400	131.3	57885.0	-23.8	0.07	-300	-646.1	57772.8	-28.5	0.08
-400	45.2	57761.5	-47.9	0.09	-400	132.8	57895.8	-19.6	0.07	-300	-644.7	57770.4	-27.6	0.13
-400	46.4	57763.7	-43.4	0.07	-400	134.4	57903.7	-21.8	0.07	-300	-643.4	57771.6	-26.2	0.07
-400	47.6	57764.4	-44.3	0.08	-400	135.9	57909.7	-19.8	0.07	-300	-642.1	57766.3	-37.8	0.11
-400	48.8	57774.3	-20.3	0.07	-400	137.5	57917.4	-23.1	0.07	-300	-640.8	57762.9	-37.7	0.09
-400	50.0	57776.9	-17.4	0.08	-400	139.1	57928.8	-24.3	0.08	-300	-639.5	57759.2	-37.5	0.09
-400	51.2	57774.8	-26.6	0.08	-400	140.6	57932.3	-24.0	0.07	-300	-638.2	57757.9	-39.2	0.10
-400	52.4	57773.5	-34.7	0.08	-400	142.2	57934.8	-26.0	0.07	-300	-636.8	57754.5	-47.3	0.08
-400	53.6	57772.4	-42.3	0.08	-400	143.8	57946.1	-19.8	0.07	-300	-635.5	57761.8	-35.3	0.09
-400	54.8	57771.4	-45.9	0.08	-400	145.3	57954.6	-20.5	0.08	-300	-634.2	57758.8	-34.0	0.07
-400	56.0	57770.9	-48.6	0.09	-400	146.9	57962.4	-18.0	0.07	-300	-632.9	57746.1	-44.8	0.09
-400	57.1	57776.7	-37.3	0.08	-400	148.4	57974.1	-6.9	0.08	-300	-631.6	57745.9	-40.3	0.08
-400	58.3	57775.3	-44.5	0.20	-400	150.0	57977.6	-11.0	0.09	-300	-630.3	57746.7	-39.7	0.09
-400	59.5	57774.4	-44.5	0.09	-400	151.4	57987.8	-3.7	0.09	-300	-628.9	57744.1	-39.3	0.09
-400	60.7	57778.5	-37.7	0.10	-400	152.8	57991.7	-18.9	0.11	-300	-627.6	57744.6	-39.6	0.08
-400	61.9	57777.9	-41.5	0.09	-400	154.2	57998.4	-16.1	0.10	-300	-626.3	57749.5	-23.3	0.08
-400	63.1	57780.0	-40.4	0.09	-400	155.6	58007.4	-7.9	0.08	-300	-625.0	57750.1	-24.8	0.14
-400	64.3	57785.6	-33.8	0.08	-400	156.9	58005.7	-10.6	0.08	-300	-623.6	57749.5	-23.9	0.07
-400	65.5	57784.8	-42.7	0.08	-400	158.3	58000.2	-19.4	0.08	-300	-622.2	57743.4	-44.4	0.09
-400	66.7	57784.7	-38.5	0.08	-400	159.7	57996.9	-17.5	0.08	-300	-620.8	57745.7	-45.1	0.08
-400	67.9	57783.8	-42.5	0.08	-400	161.1	57984.2	-19.9	0.08	-300	-619.4	57749.3	-37.4	0.08
-400	69.0	57785.6	-39.1	0.07	-400	162.5	57978.8	-14.5	0.08	-300	-618.1	57754.4	-36.0	0.08
-400	70.2	57788.4	-33.2	0.07	-400	163.9	57965.2	-17.3	0.08	-300	-616.7	57752.0	-39.1	0.13
-400	71.4	57790.6	-31.9	0.08	-400	165.3	57956.1	-24.4	0.07	-300	-615.3	57752.9	-38.0	0.08
-400	72.6	57788.6	-35.9	0.09	-400	166.7	57939.7	-21.7	0.07	-300	-613.9	57753.6	-40.4	0.08
-400	73.8	57791.6	-22.1	0.08	-400	168.1	57931.4	-23.8	0.08	-300	-612.5	57751.3	-43.0	0.09
-400	75.0	57789.3	-26.4	0.07	-400	169.4	57925.2	-20.9	0.10	-300	-611.1	57752.7	-40.1	0.08
-400	76.3	57792.7	-16.9	0.07	-400	170.8	57914.7	-15.6	0.07	-300	-609.7	57753.8	-40.9	0.09
-400	77.5	57788.1	-32.1	0.08	-400	172.2	57906.5	-14.6	0.07	-300	-608.3	57755.8	-40.3	0.11
-400	78.8	57784.6	-40.7	0.08	-400	173.6	57904.5	-16.5	0.07	-300	-606.9	57753.9	-41.8	0.11
-400	80.0	57790.4	-34.2	0.10	-400	175.0	57901.2	-15.6	0.07	-300	-605.6	57753.8	-44.8	0.09
-400	81.3	57793.7	-32.4	0.08	-400	176.4	57891.5	-25.2	0.07	-300	-604.2	57756.9	-36.8	0.09
-400	82.5	57796.6	-24.1	0.07	-400	177.8	57886.3	-23.8	0.07	-300	-602.8	57757.4	-37.6	0.08
-400	83.8	57789.9	-42.1	0.09	-400	179.2	57878.4	-20.9	0.08	-300	-601.4	57761.7	-21.2	0.08
-400	85.0	57790.7	-43.5	0.08	-400	180.6	57873.1	-28.1	0.08	-300	-600.0	57764.5	-21.5	0.08
-400	86.3	57792.3	-37.5	0.08	-400	181.9	57874.4	-21.1	0.07	-300	-598.6	57763.2	-27.0	0.10
-400	87.5	57785.9	-47.9	0.09	-400	183.3	57869.2	-22.6	0.07	-300	-597.2	57756.7	-35.6	0.09
-400	88.8	57788.9	-37.6	0.08	-400	184.7	57862.0	-23.8	0.08	-300	-595.8	57754.6	-35.6	0.08
-400	90.0	57794.6	-35.7	0.09	-400	186.1	57854.8	-26.6	0.08	-300	-594.4	57750.2	-35.7	0.09
-400	91.3	57798.4	-31.0	0.08	-400	187.5	57848.1	-26.4	0.09	-300	-593.1	57748.3	-44.1	0.13
-400	92.5	57793.7	-45.7	0.09	-400	188.9	57842.7	-27.0	0.08	-300	-591.7	57748.2	-44.3	0.08
-400	93.8	57798.3	-32.4	0.08	-400	190.3	57829.4	-23.8	0.07	-300	-590.3	57754.1	-37.4	0.17
-400	95.0	57796.7	-43.0	0.08	-400	191.7	57815.2	-23.6	0.07	-300	-588.9	57764.2	-37.9	0.10
-400	96.3	57798.9	-41.9	0.08	-400	193.1	57807.0	-22.9	0.07	-300	-587.5	57770.6	-32.5	0.09
-400	97.5	57801.7	-34.9	0.08	-400	194.4	57787.5	-37.6	0.08	-300	-586.1	57768.9	-38.0	0.09
-400	98.8	57808.6	-23.4	0.08	-400	195.8	57770.6	-29.5	0.10	-300	-584.7	57763.9	-37.7	0.09
-400	100.0	57809.6	-17.8	0.07	-400	197.2	57757.5	-30.2	0.08	-300	-583.3	57755.9	-36.4	0.08
-400	101.3	57809.5	-28.6	0.07	-400	198.6	57745.0	-37.0	0.10	-300	-581.9	57744.9	-40.9	0.08
-400	102.6	57808.5	-29.5	0.07	-400	200.0	57735.9	-25.7	0.15	-300	-580.6	57743.5	-41.4	0.14
-400	103.9	57806.2	-37.3	0.08	-300	-675.0	57764.1	-30.4	0.16	-300	-579.2	57746.4	-38.0	0.10
-400	105.3	57809.5	-33.6	0.09	-300	-673.5	57762.9	-26.9	0.13	-300	-577.8	57749.2	-40.3	0.08
-400	106.6	57814.2	-25.1	0.08	-300	-672.1	57751.3	-26.6	0.11	-300	-576.4	57756.0	-32.2	0.11
-400	107.9	57812.1	-39.3	0.07	-300	-670.6	57732.5	-39.0	0.10	-300	-575.0	57762.4	-20.5	0.08
-400	109.2	57816.1	-29.5	0.08	-300	-669.1	57730.2	-39.2	0.10	-300	-573.8	57765.4	-22.0	0.10
-400	110.5	57815.4	-37.9	0.11	-300	-667.6	57735.7	-43.2	0.12	-300	-572.5	57764.2	-41.7	0.13
-400	111.8	57818.1	-38.8	0.09	-300	-666.2	57740.7	-37.0	0.10	-300	-571.3	57769.4	-40.8	0.08
-400	113.2	57819.1	-40.9	0.10	-300	-664.7	57744.4	-35.3	0.14	-300	-570.0	57775.8	-39.0	0.08
-400	114.5	57821.9	-35.6	0.09	-300	-663.2	57744.7	-33.3	0.14	-300	-568.8	57788.4	-46.6	0.10
-400	115.8	57824.8	-38.3	0.08	-300	-661.8	57747.6	-32.8	0.11	-300	-567.5	57807.9	-42.3	0.11
-400	117.1	57827.4	-41.0	0.08	-300	-660.3	57749.3	-35.4	0.11	-300	-566.3	57824.8	-41.2	0.11
-400	118.4	57827.3	-39.5	0.08	-300	-658.8	57760.9	-23.9	0.13	-300	-565.0	57855.7	-40.6	0.09
-400	119.7	57829.2	-43.1	0.08	-300	-657.4	57765.1	-36.3	0.13	-300	-563.8	57885.8	-22.6	0.09
-400	121.1	57834.0	-47.0	0.09	-300	-655.9	57772.8	-24.5	0.09	-300	-562.5	57918.0	-12.4	0.08
-400	122.4	57851.1	-20.4	0.07	-300	-654.4	57772.4	-21.0	0.07	-300	-561.3	57916.5	-3.7	0.13
-400	123.7	57854.5	-24.8	0.07	-300	-652.9	57765.9	-39.8	0.08	-300	-560.0	57888.9	-30.4	0.09
-400	125.0	57861.9	-13.8	0.07	-300	-651.5	57767.6	-39.9	0.08	-300	-558.8	57882.0	-37.6	0.10
-400	126.6	57859.1	-24.0	0.08	-300	-650.0	57776.3	-18.1	0.08	-300	-557.5	57879.5	-38.0	0.09

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-300	-556.3	57882.2	-29.1	0.09	-300	-475.0	57750.7	-21.7	0.15	-300	-395.2	57746.8	-39.8	0.11
-300	-555.0	57876.2	-22.1	0.11	-300	-473.8	57749.6	-29.9	0.10	-300	-394.0	57747.6	-37.4	0.12
-300	-553.8	57877.0	-17.6	0.08	-300	-472.6	57745.7	-46.1	0.10	-300	-392.9	57748.3	-37.2	0.09
-300	-552.5	57869.2	-26.6	0.10	-300	-471.4	57746.7	-42.3	0.10	-300	-391.7	57744.7	-43.6	0.10
-300	-551.3	57857.5	-19.0	0.10	-300	-470.2	57747.0	-44.6	0.11	-300	-390.5	57748.6	-35.7	0.09
-300	-550.0	57838.4	-20.0	0.10	-300	-469.0	57747.2	-42.6	0.09	-300	-389.3	57749.6	-32.4	0.14
-300	-548.6	57817.6	-26.3	0.08	-300	-467.9	57747.4	-46.8	0.10	-300	-388.1	57749.2	-29.5	0.09
-300	-547.2	57800.9	-29.4	0.09	-300	-466.7	57748.0	-43.2	0.09	-300	-386.9	57746.4	-38.8	0.08
-300	-545.8	57788.5	-29.2	0.09	-300	-465.5	57748.0	-48.4	0.09	-300	-385.7	57744.6	-39.6	0.08
-300	-544.4	57775.8	-49.6	0.08	-300	-464.3	57750.8	-43.1	0.10	-300	-384.5	57744.0	-41.4	0.10
-300	-543.1	57770.3	-51.0	0.09	-300	-463.1	57751.1	-42.6	0.08	-300	-383.3	57742.6	-41.1	0.09
-300	-541.7	57772.6	-35.0	0.10	-300	-461.9	57752.0	-39.0	0.09	-300	-382.1	57742.9	-39.9	0.09
-300	-540.3	57772.5	-39.0	0.14	-300	-460.7	57751.7	-37.0	0.09	-300	-381.0	57733.4	-55.7	0.15
-300	-538.9	57770.2	-34.4	0.12	-300	-459.5	57751.7	-45.2	0.13	-300	-379.8	57739.5	-42.8	0.11
-300	-537.5	57768.7	-33.1	0.08	-300	-458.3	57752.6	-42.2	0.10	-300	-378.6	57737.5	-41.9	0.12
-300	-536.1	57766.6	-29.8	0.07	-300	-457.1	57753.9	-40.6	0.10	-300	-377.4	57740.8	-27.0	0.12
-300	-534.7	57763.4	-38.5	0.09	-300	-456.0	57754.6	-42.1	0.10	-300	-376.2	57741.8	-21.7	0.09
-300	-533.3	57729.8	-98.6	0.13	-300	-454.8	57722.7	-101.8	0.12	-300	-375.0	57742.4	-21.4	0.08
-300	-531.9	57754.7	-41.5	0.08	-300	-453.6	57757.1	-40.5	0.10	-300	-373.9	57739.3	-24.5	0.10
-300	-530.6	57753.1	-45.2	0.09	-300	-452.4	57756.3	-39.3	0.08	-300	-372.8	57736.8	-42.0	0.09
-300	-529.2	57752.7	-39.6	0.09	-300	-451.2	57758.6	-36.6	0.16	-300	-371.7	57737.5	-42.7	0.10
-300	-527.8	57751.5	-41.8	0.09	-300	-450.0	57763.9	-18.5	0.08	-300	-370.7	57737.3	-43.3	0.09
-300	-526.4	57751.9	-39.8	0.08	-300	-448.9	57763.2	-22.8	0.12	-300	-369.6	57738.1	-40.9	0.09
-300	-525.0	57755.9	-19.7	0.09	-300	-447.8	57760.9	-30.9	0.10	-300	-368.5	57738.8	-42.7	0.09
-300	-523.9	57753.2	-22.6	0.09	-300	-446.7	57758.9	-34.3	0.09	-300	-367.4	57740.1	-43.5	0.10
-300	-522.8	57745.9	-42.7	0.11	-300	-445.7	57758.1	-39.3	0.08	-300	-366.3	57742.1	-36.5	0.10
-300	-521.7	57744.0	-43.5	0.08	-300	-444.6	57756.5	-36.7	0.09	-300	-365.2	57742.0	-39.6	0.09
-300	-520.7	57745.6	-41.8	0.09	-300	-443.5	57754.7	-41.9	0.09	-300	-364.1	57747.4	-24.1	0.10
-300	-519.6	57748.1	-36.9	0.08	-300	-442.4	57751.9	-44.8	0.10	-300	-363.0	57743.6	-41.8	0.11
-300	-518.5	57747.4	-42.7	0.08	-300	-441.3	57749.4	-45.3	0.10	-300	-362.0	57748.0	-32.6	0.08
-300	-517.4	57748.5	-40.8	0.12	-300	-440.2	57747.5	-44.4	0.09	-300	-360.9	57747.6	-36.1	0.10
-300	-516.3	57749.8	-35.6	0.09	-300	-439.1	57744.9	-44.4	0.09	-300	-359.8	57750.3	-34.4	0.08
-300	-515.2	57748.4	-39.1	0.12	-300	-438.0	57742.3	-43.5	0.08	-300	-358.7	57749.0	-39.2	0.08
-300	-514.1	57747.7	-31.9	0.10	-300	-437.0	57740.6	-39.7	0.09	-300	-357.6	57748.1	-37.2	0.10
-300	-513.0	57744.1	-41.2	0.08	-300	-435.9	57738.3	-42.2	0.09	-300	-356.5	57746.2	-37.1	0.09
-300	-512.0	57744.1	-39.3	0.10	-300	-434.8	57736.2	-43.7	0.08	-300	-355.4	57746.1	-36.7	0.10
-300	-510.9	57743.4	-36.8	0.13	-300	-433.7	57736.6	-42.9	0.10	-300	-354.3	57745.6	-37.5	0.09
-300	-509.8	57743.1	-41.9	0.09	-300	-432.6	57738.2	-37.8	0.09	-300	-353.3	57745.2	-44.3	0.08
-300	-508.7	57744.0	-40.3	0.12	-300	-431.5	57736.4	-39.3	0.10	-300	-352.2	57747.5	-34.8	0.09
-300	-507.6	57745.7	-38.8	0.10	-300	-430.4	57736.7	-39.1	0.09	-300	-351.1	57753.6	-17.9	0.08
-300	-506.5	57744.1	-43.9	0.10	-300	-429.3	57735.1	-46.1	0.10	-300	-350.0	57753.9	-16.2	0.09
-300	-505.4	57747.2	-38.5	0.14	-300	-428.3	57741.8	-23.7	0.12	-300	-348.8	57752.3	-21.0	0.09
-300	-504.3	57748.5	-36.3	0.14	-300	-427.2	57740.9	-27.2	0.08	-300	-347.5	57753.4	-24.1	0.17
-300	-503.3	57748.4	-35.9	0.12	-300	-426.1	57743.0	-22.4	0.09	-300	-346.3	57750.4	-38.0	0.12
-300	-502.2	57750.7	-29.7	0.09	-300	-425.0	57745.5	-18.0	0.08	-300	-345.0	57754.3	-34.2	0.10
-300	-501.1	57752.1	-24.0	0.08	-300	-423.8	57746.0	-23.2	0.08	-300	-343.8	57754.0	-30.8	0.10
-300	-500.0	57754.0	-17.8	0.07	-300	-422.6	57742.1	-35.4	0.11	-300	-342.5	57758.2	-19.2	0.13
-300	-498.9	57752.8	-23.5	0.09	-300	-421.4	57741.5	-38.4	0.09	-300	-341.3	57755.6	-29.8	0.09
-300	-497.8	57749.4	-37.7	0.11	-300	-420.2	57742.3	-39.0	0.12	-300	-340.0	57752.2	-33.9	0.09
-300	-496.7	57748.8	-36.5	0.08	-300	-419.0	57741.1	-38.4	0.12	-300	-338.8	57754.4	-31.6	0.11
-300	-495.7	57747.2	-41.4	0.08	-300	-417.9	57741.7	-38.4	0.11	-300	-337.5	57749.6	-36.7	0.13
-300	-494.6	57750.7	-26.5	0.09	-300	-416.7	57744.5	-29.0	0.15	-300	-336.3	57746.9	-38.1	0.09
-300	-493.5	57746.9	-41.7	0.08	-300	-415.5	57741.0	-40.7	0.09	-300	-335.0	57746.5	-35.0	0.08
-300	-492.4	57747.0	-38.0	0.10	-300	-414.3	57741.1	-39.2	0.10	-300	-333.8	57743.4	-40.6	0.12
-300	-491.3	57744.7	-43.6	0.11	-300	-413.1	57740.3	-40.0	0.08	-300	-332.5	57742.4	-36.8	0.09
-300	-490.2	57746.3	-37.7	0.08	-300	-411.9	57740.1	-39.8	0.14	-300	-331.3	57739.7	-40.9	0.09
-300	-489.1	57744.6	-41.0	0.09	-300	-410.7	57738.7	-41.5	0.10	-300	-330.0	57738.1	-46.6	0.09
-300	-488.0	57747.8	-31.2	0.09	-300	-409.5	57742.5	-23.8	0.10	-300	-328.8	57739.4	-47.0	0.16
-300	-487.0	57745.0	-39.6	0.08	-300	-408.3	57738.4	-40.9	0.09	-300	-327.5	57743.2	-34.9	0.11
-300	-485.9	57746.9	-34.0	0.08	-300	-407.1	57737.1	-42.1	0.09	-300	-326.3	57750.7	-24.5	0.09
-300	-484.8	57745.8	-39.1	0.13	-300	-406.0	57741.0	-32.4	0.12	-300	-325.0	57754.0	-19.5	0.08
-300	-483.7	57744.5	-41.2	0.08	-300	-404.8	57739.8	-42.0	0.08	-300	-323.4	57751.4	-23.1	0.09
-300	-482.6	57744.0	-40.6	0.08	-300	-403.6	57743.9	-36.9	0.10	-300	-321.9	57745.8	-37.3	0.11
-300	-481.5	57745.7	-40.2	0.10	-300	-402.4	57744.9	-43.1	0.10	-300	-320.3	57745.1	-38.4	0.09
-300	-480.4	57743.0	-41.4	0.10	-300	-401.2	57748.0	-37.3	0.12	-300	-318.8	57748.9	-31.9	0.09
-300	-479.3	57730.3	-71.8	0.15	-300	-400.0	57753.4	-18.1	0.09	-300	-317.2	57750.2	-37.3	0.10
-300	-478.3	57745.8	-42.9	0.10	-300	-398.8	57754.9	-16.4	0.08	-300	-315.6	57751.9	-35.5	0.08
-300	-477.2	57744.9	-42.8	0.08	-300	-397.6	57746.4	-43.2	0.09	-300	-314.1	57751.2	-35.0	0.13
-300	-476.1	57747.3	-30.2	0.08	-300	-396.4	57747.3	-39.2	0.08	-300	-312.5	57745.7	-38.7	0.12

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-300	-310.9	57743.2	-44.0	0.10	-300	-213.8	57757.1	-43.3	0.14	-300	-130.3	57754.0	-41.8	0.14
-300	-309.4	57742.2	-36.3	0.10	-300	-212.5	57754.3	-36.1	0.15	-300	-128.9	57764.5	-37.3	0.09
-300	-307.8	57742.4	-41.9	0.10	-300	-211.3	57751.3	-42.0	0.10	-300	-127.6	57763.6	-32.8	0.17
-300	-306.3	57748.7	-30.5	0.10	-300	-210.0	57748.5	-45.4	0.11	-300	-126.3	57753.2	-45.2	0.11
-300	-304.7	57746.8	-34.4	0.10	-300	-208.8	57744.7	-38.5	0.16	-300	-125.0	57757.7	-24.8	0.10
-300	-303.1	57740.6	-37.5	0.16	-300	-207.5	57741.3	-34.6	0.11	-300	-123.6	57755.3	-29.2	0.09
-300	-301.6	57741.6	-26.2	0.13	-300	-206.3	57736.2	-46.2	0.11	-300	-122.2	57751.1	-49.1	0.10
-300	-300.0	57742.3	-22.7	0.09	-300	-205.0	57640.4	-229.7	0.17	-300	-120.8	57755.8	-32.9	0.10
-300	-298.4	57742.5	-31.1	0.11	-300	-203.8	57735.1	-39.7	0.12	-300	-119.4	57754.0	-44.7	0.09
-300	-296.9	57742.6	-36.1	0.10	-300	-202.5	57735.3	-42.5	0.09	-300	-118.1	57756.5	-36.0	0.10
-300	-295.3	57737.3	-38.1	0.09	-300	-201.3	57741.3	-29.6	0.09	-300	-116.7	57763.5	-21.4	0.08
-300	-293.8	57737.0	-39.1	0.09	-300	-200.0	57744.0	-21.4	0.12	-300	-115.3	57759.2	-42.6	0.11
-300	-292.2	57739.3	-38.6	0.09	-300	-198.9	57742.8	-24.1	0.08	-300	-113.9	57758.4	-37.4	0.10
-300	-290.6	57739.8	-38.7	0.08	-300	-197.7	57737.1	-47.3	0.09	-300	-112.5	57757.9	-39.6	0.09
-300	-289.1	57712.4	-97.6	0.13	-300	-196.6	57739.0	-37.0	0.13	-300	-111.1	57757.8	-38.3	0.09
-300	-287.5	57747.9	-35.9	0.10	-300	-195.5	57741.0	-32.7	0.11	-300	-109.7	57729.9	-98.6	0.12
-300	-285.9	57749.7	-30.5	0.12	-300	-194.3	57739.1	-44.7	0.13	-300	-108.3	57764.3	-40.3	0.09
-300	-284.4	57744.7	-38.8	0.08	-300	-193.2	57713.6	-98.5	0.17	-300	-106.9	57767.5	-32.6	0.09
-300	-282.8	57740.4	-45.4	0.09	-300	-192.0	57740.8	-47.4	0.09	-300	-105.6	57773.2	-20.0	0.15
-300	-281.3	57715.2	-93.2	0.12	-300	-190.9	57743.2	-45.6	0.09	-300	-104.2	57773.3	-35.8	0.12
-300	-279.7	57742.9	-30.4	0.10	-300	-189.8	57744.7	-44.5	0.09	-300	-102.8	57776.8	-35.9	0.13
-300	-278.1	57741.6	-37.2	0.08	-300	-188.6	57745.4	-47.9	0.10	-300	-101.4	57784.4	-16.5	0.10
-300	-276.6	57740.6	-33.1	0.12	-300	-187.5	57749.2	-46.2	0.11	-300	-100.0	57785.5	-16.9	0.13
-300	-275.0	57742.2	-26.7	0.10	-300	-186.4	57755.5	19.3	0.16	-300	-98.6	57784.4	-25.8	0.11
-300	-273.6	57743.2	-25.9	0.10	-300	-185.2	57760.8	-34.6	0.11	-300	-97.5	57774.0	-49.3	0.13
-300	-272.2	57741.1	-37.9	0.08	-300	-184.1	57763.6	-34.2	0.08	-300	-96.3	57771.6	-39.3	0.12
-300	-270.8	57739.1	-43.2	0.14	-300	-183.0	57760.8	-33.4	0.11	-300	-95.0	57763.8	-38.6	0.11
-300	-269.4	57743.2	-35.0	0.09	-300	-181.8	57756.7	-38.5	0.10	-300	-93.8	57756.4	-44.1	0.10
-300	-268.1	57743.8	-40.8	0.11	-300	-180.7	57753.6	-37.9	0.11	-300	-92.5	57756.0	-41.9	0.13
-300	-266.7	57749.1	-29.6	0.10	-300	-179.5	57757.2	-33.5	0.11	-300	-91.3	57756.6	-41.3	0.09
-300	-265.3	57657.4	-219.1	0.17	-300	-178.4	57757.8	-37.7	0.10	-300	-90.0	57758.3	-33.1	0.11
-300	-263.9	57747.5	-37.7	0.09	-300	-177.3	57756.7	-34.5	0.10	-300	-88.8	57755.1	-37.0	0.10
-300	-262.5	57746.5	-35.8	0.09	-300	-176.1	57754.8	-37.2	0.09	-300	-87.5	57752.0	-41.7	0.10
-300	-261.1	57745.3	-36.6	0.11	-300	-175.0	57759.7	-19.2	0.11	-300	-86.3	57750.6	-39.7	0.11
-300	-259.7	57744.3	-35.5	0.12	-300	-173.8	57759.1	-19.5	0.09	-300	-85.0	57749.1	-40.0	0.08
-300	-258.3	57741.7	-39.3	0.09	-300	-172.6	57754.1	-35.2	0.09	-300	-83.8	57743.6	-44.4	0.10
-300	-256.9	57740.2	-41.4	0.10	-300	-171.4	57751.4	-37.7	0.09	-300	-82.5	57738.6	-53.5	0.10
-300	-255.6	57737.5	-41.9	0.09	-300	-170.2	57748.0	-38.3	0.11	-300	-81.3	57747.5	-54.8	0.11
-300	-254.2	57736.7	-39.2	0.14	-300	-169.0	57747.6	-42.9	0.10	-300	-80.0	57766.4	-32.8	0.11
-300	-252.8	57724.3	-62.1	0.13	-300	-167.9	57749.9	-36.6	0.14	-300	-78.8	57769.9	-32.7	0.10
-300	-251.4	57742.3	-22.7	0.10	-300	-166.7	57750.1	-38.5	0.12	-300	-77.5	57775.2	-26.0	0.08
-300	-250.0	57743.2	-19.4	0.09	-300	-165.5	57693.5	-151.7	0.16	-300	-76.3	57774.1	-12.7	0.08
-300	-248.7	57744.0	-22.4	0.08	-300	-164.3	57752.0	-36.8	0.13	-300	-75.0	57768.8	-13.9	0.10
-300	-247.4	57739.1	-47.1	0.09	-300	-163.1	57753.5	-33.1	0.10	-300	-73.8	57759.5	-24.9	0.13
-300	-246.1	57743.8	-35.0	0.19	-300	-161.9	57750.8	-40.9	0.10	-300	-72.5	57737.7	-66.2	0.15
-300	-244.7	57739.0	-43.2	0.11	-300	-160.7	57749.8	-43.8	0.09	-300	-71.3	57754.5	-47.5	0.12
-300	-243.4	57741.1	-37.1	0.11	-300	-159.5	57752.2	-40.5	0.11	-300	-70.0	57768.9	-37.6	0.16
-300	-242.1	57738.3	-46.6	0.12	-300	-158.3	57745.1	-54.9	0.12	-300	-68.8	57769.7	-38.9	0.19
-300	-240.8	57739.6	-41.9	0.11	-300	-157.1	57752.9	-42.3	0.10	-300	-67.5	57768.3	-44.8	0.12
-300	-239.5	57743.2	-37.9	0.09	-300	-156.0	57755.9	-36.6	0.15	-300	-66.3	57767.7	-46.2	0.11
-300	-238.2	57743.6	-39.7	0.09	-300	-154.8	57754.6	-37.7	0.09	-300	-65.0	57769.5	-42.6	0.10
-300	-236.8	57746.9	-27.0	0.09	-300	-153.6	57756.6	-39.0	0.15	-300	-63.8	57770.9	-43.4	0.12
-300	-235.5	57747.6	-23.4	0.10	-300	-152.4	57758.5	-34.7	0.15	-300	-62.5	57773.2	-38.8	0.10
-300	-234.2	57743.5	-39.5	0.11	-300	-151.2	57764.2	-19.4	0.11	-300	-61.3	57774.5	-37.9	0.09
-300	-232.9	57740.8	-39.6	0.11	-300	-150.0	57764.6	-16.3	0.08	-300	-60.0	57777.8	-39.5	0.09
-300	-231.6	57740.2	-42.5	0.12	-300	-148.7	57757.0	-36.9	0.10	-300	-58.8	57779.8	-40.8	0.13
-300	-230.3	57741.8	-42.9	0.09	-300	-147.4	57722.4	-104.1	0.16	-300	-57.5	57784.3	-34.5	0.10
-300	-228.9	57744.0	-43.1	0.12	-300	-146.1	57752.8	-35.2	0.10	-300	-56.3	57786.9	-23.8	0.11
-300	-227.6	57749.9	-31.7	0.13	-300	-144.7	57747.4	-43.5	0.12	-300	-55.0	57785.9	-31.3	0.11
-300	-226.3	57754.4	-20.6	0.09	-300	-143.4	57750.9	-34.2	0.09	-300	-53.8	57782.8	-39.5	0.08
-300	-225.0	57752.3	-28.4	0.11	-300	-142.1	57751.5	-27.2	0.11	-300	-52.5	57781.3	-40.5	0.12
-300	-223.8	57759.2	-17.9	0.09	-300	-140.8	57749.2	-37.9	0.09	-300	-51.3	57781.8	-37.9	0.10
-300	-222.5	57752.3	-39.7	0.10	-300	-139.5	57748.5	-39.9	0.11	-300	-50.0	57785.6	-23.9	0.10
-300	-221.3	57752.2	-43.9	0.09	-300	-138.2	57750.6	-36.5	0.10	-300	-48.6	57785.7	-23.7	0.09
-300	-220.0	57753.0	-34.4	0.12	-300	-136.8	57750.4	-36.6	0.12	-300	-47.2	57790.8	-25.8	0.18
-300	-218.8	57749.5	-42.2	0.09	-300	-135.5	57750.5	-41.9	0.09	-300	-45.8	57795.3	-24.7	0.13
-300	-217.5	57750.6	-41.5	0.10	-300	-134.2	57748.2	-46.0	0.11	-300	-44.4	57796.2	-32.3	0.10
-300	-216.3	57751.3	-40.7	0.10	-300	-132.9	57750.4	-42.4	0.11	-300	-43.1	57797.1	-28.4	0.09
-300	-215.0	57755.2	-37.2	0.11	-300	-131.6	57750.4	-42.3	0.13	-300	-41.7	57794.9	-29.2	0.12

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-300	-40.3	57765.4	-29.2	0.16	-300	51.3	57810.5	-17.5	0.09	-300	140.6	57840.7	-39.7	0.14
-300	-38.9	57761.2	-89.9	0.20	-300	52.6	57808.9	-28.7	0.10	-300	142.2	57837.4	-42.2	0.10
-300	-37.5	57792.7	-21.8	0.08	-300	53.9	57812.7	-35.2	0.10	-300	143.8	57814.6	-84.5	0.14
-300	-36.1	57787.0	-35.8	0.10	-300	55.3	57816.5	-27.0	0.10	-300	145.3	57840.0	-37.0	0.15
-300	-34.7	57788.6	-32.3	0.09	-300	56.6	57813.9	-33.3	0.10	-300	146.9	57835.7	-35.5	0.10
-300	-33.3	57790.2	-35.2	0.12	-300	57.9	57813.4	-27.6	0.09	-300	148.4	57832.1	-35.7	0.11
-300	-31.9	57791.7	-32.7	0.11	-300	59.2	57779.6	-93.1	0.14	-300	150.0	57842.9	-21.5	0.08
-300	-30.6	57789.8	-40.1	0.12	-300	60.5	57805.3	-36.2	0.09	-300	151.6	57842.2	-24.2	0.08
-300	-29.2	57790.1	-40.9	0.09	-300	61.8	57797.6	-39.8	0.14	-300	153.1	57839.4	-40.8	0.09
-300	-27.8	57793.0	-18.4	0.08	-300	63.2	57794.8	-36.6	0.10	-300	154.7	57809.9	-106.0	0.18
-300	-26.4	57782.1	-40.1	0.10	-300	64.5	57793.5	-38.4	0.09	-300	156.3	57843.8	-54.3	0.11
-300	-25.0	57786.0	-17.6	0.09	-300	65.8	57795.0	-33.3	0.09	-300	157.8	57832.3	-92.8	0.17
-300	-23.5	57785.3	-19.5	0.09	-300	67.1	57792.1	-41.0	0.13	-300	159.4	57870.0	-18.8	0.09
-300	-22.1	57782.1	-33.4	0.08	-300	68.4	57791.4	-40.0	0.11	-300	160.9	57876.1	-16.7	0.09
-300	-20.6	57779.6	-35.8	0.13	-300	69.7	57791.7	-34.8	0.13	-300	162.5	57882.0	-79.6	0.14
-300	-19.1	57781.1	-39.9	0.08	-300	71.1	57787.0	-44.0	0.11	-300	164.1	57883.8	-35.1	0.13
-300	-17.6	57787.3	-30.6	0.09	-300	72.4	57787.8	-46.3	0.14	-300	165.6	57860.1	-96.0	0.20
-300	-16.2	57789.2	-37.1	0.09	-300	73.7	57794.0	-41.3	0.09	-300	167.2	57902.2	-36.6	0.09
-300	-14.7	57789.4	-28.4	0.09	-300	75.0	57802.6	-22.4	0.11	-300	168.8	57908.0	-37.7	0.13
-300	-13.2	57784.4	-37.0	0.10	-300	76.2	57807.5	-23.1	0.12	-300	170.3	57920.6	-31.5	0.10
-300	-11.8	57781.3	-41.1	0.09	-300	77.4	57806.9	-43.2	0.13	-300	171.9	57929.0	-40.6	0.11
-300	-10.3	57784.2	-38.0	0.08	-300	78.6	57812.2	-34.3	0.11	-300	173.4	57948.4	-37.3	0.12
-300	-8.8	57784.8	-37.4	0.09	-300	79.8	57819.6	-23.1	0.23	-300	175.0	57972.8	-19.0	0.11
-300	-7.4	57785.3	-35.2	0.08	-300	81.0	57816.8	-33.1	0.17	-300	176.5	57988.4	-20.8	0.10
-300	-5.9	57783.2	-40.2	0.10	-300	82.1	57817.7	-39.0	0.12	-300	177.9	58009.4	-32.1	0.10
-300	-4.4	57782.6	-44.5	0.10	-300	83.3	57825.2	-41.4	0.17	-300	179.4	58042.7	-27.9	0.12
-300	-2.9	57785.6	-37.3	0.12	-300	84.5	57830.9	-37.6	0.13	-300	180.9	58092.3	-22.8	0.09
-300	-1.5	57788.9	-30.5	0.12	-300	85.7	57831.0	-35.4	0.14	-300	182.4	58119.6	-58.0	0.17
-300	0.0	57788.1	-39.2	0.13	-300	86.9	57830.0	-36.0	0.22	-300	183.8	58175.4	30.7	0.12
-300	1.3	57766.9	-79.0	0.21	-300	88.1	57831.5	-28.2	0.12	-300	185.3	58144.6	28.0	0.16
-300	2.6	57792.6	-39.1	0.10	-300	89.3	57824.5	-35.3	0.14	-300	186.8	58074.7	12.5	0.16
-300	3.9	57790.5	-37.5	0.10	-300	90.5	57822.4	-32.5	0.10	-300	188.2	57939.9	-79.7	0.15
-300	5.3	57793.3	-37.7	0.15	-300	91.7	57817.7	-32.4	0.10	-300	189.7	57849.7	-42.5	0.16
-300	6.6	57797.7	-44.5	0.15	-300	92.9	57813.8	-23.7	0.13	-300	191.2	57742.6	-77.7	0.13
-300	7.9	57816.1	-30.2	0.13	-300	94.0	57813.0	-34.4	0.10	-300	192.6	57696.5	-47.8	0.13
-300	9.2	57804.2	-29.3	0.11	-300	95.2	57805.0	-36.8	0.09	-300	194.1	57650.3	-50.9	0.12
-300	10.5	57770.8	-45.7	0.11	-300	96.4	57737.2	-161.4	0.15	-300	195.6	57599.5	-83.6	0.14
-300	11.8	57766.1	-50.6	0.12	-300	97.6	57795.1	-42.5	0.12	-300	197.1	57587.4	-97.6	0.15
-300	13.2	57771.5	-46.1	0.10	-300	98.8	57799.4	-35.5	0.11	-300	198.5	57579.7	-138.1	0.20
-300	14.5	57774.1	-48.2	0.10	-300	100.0	57804.1	-14.0	0.11	-300	200.0	57625.3	-71.2	0.18
-300	15.8	57754.2	-95.2	0.13	-300	101.3	57805.7	-21.2	0.10	-300	201.3	57640.0	-65.9	0.12
-300	17.1	57787.2	-47.6	0.11	-300	102.5	57803.2	-40.1	0.08	-300	202.6	57645.5	-68.7	0.15
-300	18.4	57795.9	-32.7	0.10	-300	103.8	57803.0	-99.6	0.11	-300	203.9	57643.9	-63.5	0.12
-300	19.7	57799.3	-42.2	0.09	-300	105.0	57803.4	-37.7	0.11	-300	205.3	57648.9	-55.2	0.12
-300	21.1	57799.5	-39.3	0.14	-300	106.3	57771.6	-105.7	0.21	-300	206.6	57647.4	-51.8	0.12
-300	22.4	57801.2	-38.9	0.11	-300	107.5	57803.3	-44.8	0.18	-300	207.9	57649.3	-50.2	0.14
-300	23.7	57805.3	-37.5	0.13	-300	108.8	57806.0	-43.8	0.17	-300	209.2	57647.6	-51.5	0.09
-300	25.0	57812.8	-17.3	0.10	-300	110.0	57807.3	-41.7	0.11	-300	210.5	57647.2	-55.7	0.13
-300	26.2	57811.6	-33.3	0.09	-300	111.3	57690.1	-283.6	0.18	-300	211.8	57651.5	-48.5	0.10
-300	27.4	57813.1	-35.4	0.15	-300	112.5	57810.0	-46.0	0.10	-300	213.2	57640.4	-71.8	0.13
-300	28.6	57814.8	-35.2	0.10	-300	113.8	57815.1	-38.4	0.10	-300	214.5	57652.5	-48.8	0.13
-300	29.8	57817.5	-33.7	0.10	-300	115.0	57818.3	-38.7	0.09	-300	215.8	57648.8	-64.0	0.15
-300	31.0	57815.1	-31.2	0.10	-300	116.3	57821.9	-44.8	0.14	-300	217.1	57650.8	-59.4	0.10
-300	32.1	57812.9	-32.9	0.09	-300	117.5	57826.8	-35.5	0.10	-300	218.4	57661.5	-61.3	0.11
-300	33.3	57812.0	-36.8	0.09	-300	118.8	57828.4	-39.1	0.13	-300	219.7	57674.0	-55.7	0.13
-300	34.5	57813.7	-35.0	0.10	-300	120.0	57829.9	-32.5	0.11	-300	221.1	57672.3	-56.5	0.15
-300	35.7	57813.8	-32.1	0.11	-300	121.3	57824.9	-40.2	0.10	-300	222.4	57676.4	-64.0	0.16
-300	36.9	57813.4	-33.4	0.13	-300	122.5	57823.3	-42.8	0.15	-300	223.7	57677.8	-38.4	0.12
-300	38.1	57783.6	-95.0	0.12	-300	123.8	57827.8	-23.8	0.13	-300	225.0	57676.2	-22.8	0.12
-300	39.3	57694.0	-269.6	0.27	-300	125.0	57828.1	-26.1	0.11	-300	226.1	57674.3	-29.9	0.11
-300	40.5	57806.2	-37.1	0.09	-300	126.6	57797.5	-59.3	0.23	-300	227.3	57676.3	-46.3	0.11
-300	41.7	57803.0	19.1	0.15	-300	128.1	57840.7	-34.3	0.11	-300	228.4	57689.0	-43.6	0.15
-300	42.9	57804.4	-32.3	0.09	-300	129.7	57842.6	-34.1	0.09	-300	229.5	57698.0	-44.2	0.11
-300	44.0	57801.1	-34.0	0.09	-300	131.3	57846.1	-39.8	0.13	-300	230.7	57699.1	-39.0	0.11
-300	45.2	57797.6	-38.5	0.13	-300	132.8	57849.9	-29.8	0.10	-300	231.8	57693.3	-41.4	0.10
-300	46.4	57796.3	-41.6	0.12	-300	134.4	57851.9	-31.3	0.12	-300	233.0	57688.4	-40.9	0.10
-300	47.6	57797.6	-43.2	0.13	-300	135.9	57851.9	-28.0	0.15	-300	234.1	57683.8	-46.5	0.11
-300	48.8	57801.5	-34.0	0.10	-300	137.5	57849.9	-38.4	0.16	-300	235.2	57684.6	-51.7	0.10
-300	50.0	57808.2	-20.9	0.09	-300	139.1	57845.7	-35.7	0.12	-300	236.4	57690.0	-44.9	0.10

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-300	237.5	57690.6	-44.7	0.09	-300	317.1	57837.5	-34.9	0.09	-300	408.3	57758.4	-34.9	0.10
-300	238.6	57691.4	-44.9	0.09	-300	318.4	57835.4	-39.8	0.10	-300	409.5	57752.6	-40.8	0.10
-300	239.8	57693.2	-44.1	0.10	-300	319.7	57834.0	23.3	0.12	-300	410.7	57747.9	-49.9	0.10
-300	240.9	57693.1	-42.7	0.09	-300	321.1	57830.3	-34.3	0.16	-300	411.9	57747.1	-54.0	0.11
-300	242.0	57695.9	-40.3	0.10	-300	322.4	57826.6	-39.2	0.12	-300	413.1	57748.6	-50.3	0.11
-300	243.2	57699.9	-41.5	0.10	-300	323.7	57830.6	-23.0	0.11	-300	414.3	57750.1	-50.2	0.11
-300	244.3	57708.1	-30.8	0.10	-300	325.0	57832.6	-18.8	0.12	-300	415.5	57745.0	-61.9	0.12
-300	245.5	57707.2	-38.6	0.13	-300	326.4	57830.5	-23.8	0.10	-300	416.7	57754.0	-46.2	0.12
-300	246.6	57711.1	-32.8	0.13	-300	327.8	57827.3	-31.9	0.09	-300	417.9	57657.3	-242.5	0.24
-300	247.7	57704.4	-51.4	0.12	-300	329.2	57854.9	23.1	0.14	-300	419.0	57760.4	16.4	0.13
-300	248.9	57623.9	-206.4	0.14	-300	330.6	57822.7	-32.1	0.10	-300	420.2	57760.8	-35.8	0.12
-300	250.0	57716.0	-24.2	0.10	-300	331.9	57790.3	-94.7	0.14	-300	421.4	57764.9	-32.1	0.12
-300	251.1	57717.4	-35.4	0.08	-300	333.3	57828.5	-15.5	0.14	-300	422.6	57765.3	-37.9	0.13
-300	252.3	57719.3	-26.6	0.10	-300	334.7	57788.6	-44.2	0.16	-300	423.8	57773.6	-21.6	0.12
-300	253.4	57720.9	-34.4	0.09	-300	336.1	57818.4	-33.5	0.12	-300	425.0	57775.6	-23.7	0.11
-300	254.5	57719.5	-38.4	0.11	-300	337.5	57811.9	-39.4	0.13	-300	426.0	57776.8	-20.2	0.09
-300	255.7	57719.9	-41.5	0.15	-300	338.9	57811.3	-35.0	0.12	-300	427.1	57771.5	-45.3	0.10
-300	256.8	57721.9	-41.3	0.12	-300	340.3	57807.1	-36.4	0.10	-300	428.1	57770.8	-48.4	0.12
-300	258.0	57723.7	-52.6	0.09	-300	341.7	57805.0	-37.2	0.10	-300	429.2	57771.3	-43.5	0.14
-300	259.1	57732.9	-44.2	0.10	-300	343.1	57801.0	-38.8	0.12	-300	430.2	57770.9	-35.0	0.10
-300	260.2	57740.5	-37.9	0.09	-300	344.4	57796.9	-41.6	0.13	-300	431.3	57768.9	-40.5	0.11
-300	261.4	57743.0	-37.8	0.08	-300	345.8	57792.0	-42.4	0.10	-300	432.3	57769.2	-36.8	0.11
-300	262.5	57744.4	-40.2	0.18	-300	347.2	57788.1	-45.5	0.10	-300	433.3	57768.7	-38.9	0.11
-300	263.6	57743.7	-43.1	0.11	-300	348.6	57753.6	-45.0	0.33	-300	434.4	57769.7	-33.6	0.14
-300	264.8	57740.7	-51.5	0.15	-300	350.0	57784.4	-21.4	0.09	-300	435.4	57768.9	-36.4	0.15
-300	265.9	57743.6	-45.1	0.12	-300	351.3	57779.9	-20.2	0.09	-300	436.5	57766.4	-34.4	0.14
-300	267.0	57746.0	-41.6	0.11	-300	352.6	57768.4	-46.1	0.11	-300	437.5	57761.9	-38.4	0.11
-300	268.2	57750.4	-37.7	0.13	-300	353.9	57766.2	26.7	0.17	-300	438.5	57758.5	-38.1	0.10
-300	269.3	57753.3	-33.8	0.12	-300	355.3	57727.4	-106.7	0.22	-300	439.6	57753.1	-45.6	0.09
-300	270.5	57756.7	-36.8	0.13	-300	356.6	57758.0	-48.3	0.14	-300	440.6	57750.5	-42.0	0.10
-300	271.6	57757.1	-41.0	0.10	-300	357.9	57755.7	-44.7	0.10	-300	441.7	57750.3	-43.4	0.10
-300	272.7	57752.9	-32.8	0.14	-300	359.2	57755.4	-49.7	0.18	-300	442.7	57749.2	-51.7	0.11
-300	273.9	57763.8	-20.6	0.15	-300	360.5	57757.1	-46.7	0.17	-300	443.8	57756.1	-41.8	0.16
-300	275.0	57765.4	-18.3	0.13	-300	361.8	57756.0	-49.3	0.10	-300	444.8	57759.0	-21.4	0.11
-300	276.1	57766.9	-21.7	0.09	-300	363.2	57758.1	-37.1	0.09	-300	445.8	57756.7	-25.2	0.11
-300	277.2	57766.1	-39.9	0.14	-300	364.5	57755.1	-39.4	0.11	-300	446.9	57755.3	-32.0	0.13
-300	278.3	57767.7	-38.9	0.11	-300	365.8	57757.6	-44.1	0.15	-300	447.9	57754.4	-41.2	0.14
-300	279.3	57771.7	-38.9	0.12	-300	367.1	57759.7	-44.9	0.09	-300	449.0	57760.4	-21.3	0.16
-300	280.4	57773.1	-46.0	0.13	-300	368.4	57766.7	-41.9	0.09	-300	450.0	57759.9	-21.0	0.11
-300	281.5	57778.0	-37.8	0.09	-300	369.7	57770.0	-40.5	0.11	-200	-674.0	57749.4	-18.3	0.07
-300	282.6	57780.2	-34.4	0.08	-300	371.1	57773.7	-43.0	0.12	-200	-672.5	57746.9	-24.2	0.07
-300	283.7	57783.0	-41.2	0.12	-300	372.4	57775.3	-38.4	0.10	-200	-671.0	57743.6	-33.9	0.08
-300	284.8	57787.7	-41.6	0.10	-300	373.7	57773.8	-38.2	0.10	-200	-669.5	57739.9	-39.9	0.08
-300	285.9	57791.0	-31.1	0.10	-300	375.0	57781.4	-19.0	0.14	-200	-668.0	57739.5	-31.0	0.08
-300	287.0	57790.7	-33.8	0.10	-300	376.3	57780.0	-19.5	0.10	-200	-666.5	57736.6	-44.3	0.13
-300	288.0	57794.2	-36.2	0.11	-300	377.6	57772.9	-43.8	0.13	-200	-665.0	57739.9	-32.1	0.08
-300	289.1	57797.1	-35.9	0.10	-300	378.9	57774.2	-43.3	0.12	-200	-663.5	57739.4	-27.9	0.10
-300	290.2	57796.8	-41.8	0.11	-300	380.3	57775.6	-37.5	0.11	-200	-662.0	57741.8	-31.4	0.09
-300	291.3	57801.2	-36.5	0.14	-300	381.6	57779.4	-36.1	0.10	-200	-660.5	57741.8	-33.3	0.09
-300	292.4	57802.6	-40.3	0.17	-300	382.9	57752.8	-84.8	0.14	-200	-659.0	57736.6	-44.4	0.09
-300	293.5	57802.8	-46.0	0.16	-300	384.2	57773.6	-38.9	0.10	-200	-657.5	57737.7	-32.3	0.09
-300	294.6	57807.1	-36.8	0.10	-300	385.5	57774.5	-32.3	0.11	-200	-656.0	57738.5	-35.4	0.10
-300	295.7	57809.4	-36.3	0.11	-300	386.8	57770.0	-39.7	0.10	-200	-654.5	57741.9	-34.4	0.11
-300	296.7	57812.9	-37.4	0.10	-300	388.2	57768.2	-35.1	0.12	-200	-653.0	57743.6	-34.2	0.15
-300	297.8	57813.6	-42.9	0.12	-300	389.5	57761.8	-50.6	0.13	-200	-651.5	57745.3	-34.3	0.07
-300	298.9	57823.1	-18.0	0.09	-300	390.8	57767.0	-38.7	0.10	-200	-650.0	57750.1	-18.2	0.07
-300	300.0	57825.9	-18.6	0.11	-300	392.1	57766.6	-34.7	0.11	-200	-648.6	57749.2	-20.2	0.07
-300	301.3	57824.3	-30.9	0.10	-300	393.4	57751.2	-60.9	0.18	-200	-647.2	57742.5	-41.9	0.08
-300	302.6	57828.1	-30.3	0.28	-300	394.7	57756.5	-48.1	0.13	-200	-645.8	57742.9	-45.8	0.08
-300	303.9	57802.0	-97.5	0.21	-300	396.1	57760.5	-45.4	0.10	-200	-644.4	57748.8	-38.7	0.08
-300	305.3	57834.9	-28.2	0.11	-300	397.4	57766.1	-37.2	0.13	-200	-643.1	57749.5	-35.5	0.08
-300	306.6	57835.2	-28.9	0.13	-300	398.7	57770.6	-25.4	0.13	-200	-641.7	57747.1	-41.2	0.07
-300	307.9	57835.4	-37.1	0.10	-300	400.0	57774.2	-21.3	0.16	-200	-640.3	57746.6	-41.6	0.08
-300	309.2	57825.8	-54.5	0.15	-300	401.2	57771.0	-23.3	0.11	-200	-638.9	57749.5	-37.0	0.07
-300	310.5	57836.8	-33.0	0.13	-300	402.4	57766.1	-43.8	0.10	-200	-637.5	57746.3	-49.1	0.08
-300	311.8	57838.9	-32.5	0.14	-300	403.6	57766.7	-41.1	0.12	-200	-636.1	57749.6	-43.8	0.07
-300	313.2	57842.8	-24.0	0.19	-300	404.8	57767.1	-35.9	0.10	-200	-634.7	57756.3	-33.8	0.08
-300	314.5	57842.0	-25.6	0.13	-300	406.0	57760.5	-40.6	0.10	-200	-633.3	57758.7	-32.6	0.08
-300	315.8	57839.5	-29.5	0.11	-300	407.1	57760.5	-35.8	0.12	-200	-631.9	57754.4	-36.6	0.08

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-200	-630.6	57750.4	-41.8	0.08	-200	-543.2	57740.8	-46.2	0.10	-200	-457.9	57732.8	-48.6	0.09
-200	-629.2	57751.3	-40.1	0.08	-200	-542.0	57738.4	-45.1	0.10	-200	-456.6	57733.8	-36.8	0.07
-200	-627.8	57749.4	-44.5	0.08	-200	-540.9	57738.1	-48.8	0.09	-200	-455.3	57732.5	-38.8	0.08
-200	-626.4	57749.9	-43.0	0.07	-200	-539.8	57741.6	-38.8	0.08	-200	-453.9	57737.4	-35.7	0.08
-200	-625.0	57752.3	-23.8	0.07	-200	-538.6	57739.2	-45.5	0.08	-200	-452.6	57737.5	-33.9	0.17
-200	-623.5	57756.3	-19.9	0.07	-200	-537.5	57740.3	-44.0	0.08	-200	-451.3	57737.5	-25.5	0.08
-200	-622.1	57750.8	-39.4	0.08	-200	-536.4	57736.1	-49.7	0.10	-200	-450.0	57738.9	-21.8	0.07
-200	-620.6	57751.0	-40.8	0.08	-200	-535.2	57741.6	-36.6	0.08	-200	-448.5	57736.3	-28.2	0.09
-200	-619.1	57751.7	-31.9	0.08	-200	-534.1	57740.9	-42.5	0.10	-200	-447.1	57734.6	-36.7	0.08
-200	-617.6	57746.7	-49.2	0.17	-200	-533.0	57741.1	-40.2	0.08	-200	-445.6	57735.3	-35.5	0.09
-200	-616.2	57746.4	-46.3	0.09	-200	-531.8	57738.6	-45.5	0.08	-200	-444.1	57735.3	-34.0	0.08
-200	-614.7	57748.9	-35.8	0.08	-200	-530.7	57740.4	-40.6	0.08	-200	-442.6	57734.8	-35.1	0.10
-200	-613.2	57747.0	-38.9	0.09	-200	-529.5	57735.5	-48.1	0.09	-200	-441.2	57735.7	-33.9	0.08
-200	-611.8	57743.6	-45.8	0.11	-200	-528.4	57734.9	-52.9	0.13	-200	-439.7	57739.1	-36.5	0.08
-200	-610.3	57741.2	-43.8	0.09	-200	-527.3	57737.4	-46.6	0.09	-200	-438.2	57740.2	-31.0	0.08
-200	-608.8	57739.4	-41.7	0.08	-200	-526.1	57735.2	-53.1	0.09	-200	-436.8	57741.8	-33.5	0.08
-200	-607.4	57735.4	-48.7	0.08	-200	-525.0	57743.4	-23.3	0.09	-200	-435.3	57746.4	-29.3	0.08
-200	-605.9	57736.3	-42.8	0.08	-200	-523.9	57745.2	-19.7	0.08	-200	-433.8	57751.4	-32.8	0.09
-200	-604.4	57729.0	-53.8	0.08	-200	-522.7	57735.4	-51.6	0.13	-200	-432.4	57753.9	-29.5	0.11
-200	-602.9	57731.8	-41.1	0.11	-200	-521.6	57734.4	-46.9	0.09	-200	-430.9	57746.9	-25.9	0.07
-200	-601.5	57727.6	-45.7	0.08	-200	-520.5	57732.8	-51.1	0.10	-200	-429.4	57745.7	-28.3	0.07
-200	-600.0	57733.5	-24.8	0.07	-200	-519.3	57735.4	-43.1	0.08	-200	-427.9	57740.2	-37.3	0.07
-200	-598.8	57733.9	-24.0	0.08	-200	-518.2	57733.6	-42.2	0.09	-200	-426.5	57745.6	-31.5	0.07
-200	-597.6	57729.4	-42.0	0.08	-200	-517.0	57728.9	-57.4	0.09	-200	-425.0	57748.1	38.4	0.09
-200	-596.4	57729.0	-49.9	0.07	-200	-515.9	57731.9	-45.3	0.08	-200	-423.7	57749.2	-26.3	0.09
-200	-595.2	57737.4	-27.1	0.08	-200	-514.8	57733.6	-40.3	0.08	-200	-422.4	57741.9	-36.5	0.07
-200	-594.0	57733.8	-43.8	0.09	-200	-513.6	57733.7	-47.8	0.08	-200	-421.1	57742.5	-34.8	0.08
-200	-592.9	57733.2	-36.5	0.08	-200	-512.5	57738.0	-38.6	0.08	-200	-419.7	57741.1	-37.2	0.13
-200	-591.7	57729.8	-40.9	0.10	-200	-511.4	57736.1	-44.8	0.09	-200	-418.4	57744.9	-29.0	0.09
-200	-590.5	57728.1	-42.6	0.08	-200	-510.2	57738.5	-40.1	0.08	-200	-417.1	57742.3	-35.2	0.09
-200	-589.3	57728.4	-40.9	0.08	-200	-509.1	57739.6	-36.5	0.08	-200	-415.8	57737.4	-38.6	0.08
-200	-588.1	57723.3	-54.6	0.09	-200	-508.0	57739.6	-38.7	0.10	-200	-414.5	57743.7	-25.3	0.07
-200	-586.9	57723.3	-49.8	0.08	-200	-506.8	57737.5	-44.4	0.11	-200	-413.2	57744.0	-23.4	0.08
-200	-585.7	57726.4	-42.1	0.09	-200	-505.7	57740.3	-39.7	0.09	-200	-411.8	57743.2	-30.5	0.07
-200	-584.5	57722.5	-46.6	0.11	-200	-504.5	57740.8	-42.7	0.11	-200	-410.5	57745.3	-28.0	0.07
-200	-583.3	57719.3	-49.2	0.16	-200	-503.4	57743.0	-42.3	0.12	-200	-409.2	57745.4	-26.4	0.07
-200	-582.1	57720.2	-33.1	0.09	-200	-502.3	57746.5	-34.3	0.09	-200	-407.9	57742.4	-26.2	0.09
-200	-581.0	57720.7	-39.1	0.07	-200	-501.1	57745.6	-40.1	0.11	-200	-406.6	57741.4	-30.6	0.09
-200	-579.8	57722.6	-43.1	0.08	-200	-500.0	57751.3	-22.0	0.09	-200	-405.3	57741.8	-26.6	0.17
-200	-578.6	57719.9	-57.6	0.09	-200	-498.6	57744.8	-43.7	0.09	-200	-403.9	57742.4	-38.6	0.08
-200	-577.4	57723.9	-49.6	0.10	-200	-497.2	57745.2	-40.9	0.09	-200	-402.6	57739.9	-40.6	0.09
-200	-576.2	57730.3	-23.7	0.07	-200	-495.8	57746.0	-35.7	0.09	-200	-401.3	57742.6	-35.2	0.10
-200	-575.0	57728.1	-30.3	0.08	-200	-494.4	57740.6	-46.0	0.09	-200	-400.0	57748.4	-18.1	0.07
-200	-573.8	57729.9	-44.3	0.09	-200	-493.1	57741.3	-41.3	0.08	-200	-398.7	57743.2	-33.6	0.08
-200	-572.6	57733.7	-47.1	0.09	-200	-491.7	57741.9	-38.7	0.07	-200	-397.4	57740.4	-40.5	0.07
-200	-571.4	57738.7	-40.4	0.09	-200	-490.3	57742.6	-34.9	0.08	-200	-396.1	57742.6	-37.5	0.08
-200	-570.2	57738.9	-52.9	0.10	-200	-488.9	57737.0	-44.7	0.08	-200	-394.7	57741.5	-44.2	0.10
-200	-569.0	57744.7	-51.1	0.08	-200	-487.5	57746.5	-33.7	0.08	-200	-393.4	57740.7	-46.1	0.14
-200	-567.9	57751.1	-41.6	0.08	-200	-486.1	57749.1	-29.9	0.09	-200	-392.1	57744.2	-38.2	0.08
-200	-566.7	57756.5	-40.1	0.08	-200	-484.7	57743.9	-46.4	0.09	-200	-390.8	57741.0	-46.6	0.08
-200	-565.5	57758.7	-45.0	0.08	-200	-483.3	57746.1	-47.7	0.08	-200	-389.5	57746.1	-33.8	0.08
-200	-564.3	57754.1	-55.3	0.10	-200	-481.9	57750.4	-31.0	0.11	-200	-388.2	57742.4	-44.3	0.09
-200	-563.1	57756.2	-48.9	0.09	-200	-480.6	57747.1	-47.1	0.08	-200	-386.8	57742.5	-41.5	0.08
-200	-561.9	57749.3	-54.0	0.09	-200	-479.2	57748.4	-44.6	0.08	-200	-385.5	57745.3	-31.2	0.10
-200	-560.7	57751.0	-49.3	0.08	-200	-477.8	57751.3	-37.2	0.08	-200	-384.2	57742.2	-41.5	0.08
-200	-559.5	57754.1	-40.5	0.08	-200	-476.4	57750.4	-42.5	0.08	-200	-382.9	57742.0	-42.6	0.08
-200	-558.3	57757.0	-49.3	0.09	-200	-475.0	57758.8	-16.9	0.07	-200	-381.6	57742.1	-41.9	0.09
-200	-557.1	57760.3	-46.7	0.09	-200	-473.7	57752.4	-33.6	0.07	-200	-380.3	57741.3	-42.7	0.10
-200	-556.0	57761.5	-42.7	0.09	-200	-472.4	57750.3	-36.6	0.07	-200	-378.9	57741.2	-47.0	0.09
-200	-554.8	57758.3	-50.5	0.14	-200	-471.1	57749.4	-34.4	0.07	-200	-377.6	57742.7	-44.8	0.08
-200	-553.6	57760.3	-40.4	0.08	-200	-469.7	57749.4	-33.1	0.07	-200	-376.3	57746.4	-39.2	0.08
-200	-552.4	57754.8	-51.6	0.08	-200	-468.4	57746.9	-33.9	0.08	-200	-375.0	57755.4	-17.3	0.07
-200	-551.2	57750.6	-51.4	0.08	-200	-467.1	57744.2	-34.7	0.08	-200	-373.5	57751.5	-31.5	0.07
-200	-550.0	57750.9	-48.7	0.09	-200	-465.8	57744.6	-33.8	0.07	-200	-372.1	57751.0	-41.6	0.08
-200	-548.9	57753.9	-24.8	0.08	-200	-464.5	57743.1	-35.9	0.08	-200	-370.6	57759.4	-31.6	0.09
-200	-547.7	57744.9	-46.8	0.11	-200	-463.2	57744.1	-29.2	0.07	-200	-369.1	57762.0	-36.3	0.08
-200	-546.6	57745.6	-45.4	0.08	-200	-461.8	57741.1	-33.9	0.08	-200	-367.6	57760.6	-35.2	0.08
-200	-545.5	57742.9	-49.1	0.10	-200	-460.5	57740.4	-35.7	0.09	-200	-366.2	57758.5	-40.6	0.07
-200	-544.3	57740.5	-46.9	0.12	-200	-459.2	57737.8	-43.0	0.10	-200	-364.7	57758.3	-33.7	0.07

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-200	-363.2	57752.7	-42.4	0.08	-200	-261.8	57752.5	-44.6	0.12	-200	-156.3	57766.7	-39.9	0.09
-200	-361.8	57748.3	-49.5	0.09	-200	-260.3	57748.7	-51.0	0.10	-200	-154.7	57757.5	-41.6	0.08
-200	-360.3	57754.2	-33.3	0.08	-200	-258.8	57750.7	-41.8	0.08	-200	-153.1	57751.9	-40.6	0.10
-200	-358.8	57753.1	-41.9	0.08	-200	-257.4	57746.5	-49.5	0.07	-200	-151.6	57751.1	-33.9	0.08
-200	-357.4	57755.8	-41.1	0.08	-200	-255.9	57743.3	-53.2	0.08	-200	-150.0	57755.1	-31.5	0.07
-200	-355.9	57755.8	-44.4	0.10	-200	-254.4	57745.0	-45.0	0.08	-200	-148.4	57756.4	-33.2	0.06
-200	-354.4	57752.2	-46.6	0.11	-200	-252.9	57745.7	-41.4	0.09	-200	-146.9	57770.2	-25.6	0.07
-200	-352.9	57752.7	-41.1	0.09	-200	-251.5	57747.2	-39.8	0.09	-200	-145.3	57779.3	-22.2	0.07
-200	-351.5	57751.0	-40.5	0.08	-200	-250.0	57749.1	-41.0	0.08	-200	-143.8	57785.8	-21.9	0.07
-200	-350.0	57752.8	-31.6	0.14	-200	-248.2	57755.2	-20.8	0.07	-200	-142.2	57791.9	-23.5	0.08
-200	-348.6	57750.8	-28.0	0.07	-200	-246.4	57747.5	-49.4	0.08	-200	-140.6	57788.3	-37.1	0.09
-200	-347.2	57749.4	-37.9	0.07	-200	-244.6	57751.4	-43.8	0.09	-200	-139.1	57793.0	-26.5	0.07
-200	-345.8	57751.6	-41.3	0.08	-200	-242.9	57753.5	-35.9	0.09	-200	-137.5	57790.4	-37.0	0.08
-200	-344.4	57753.2	-39.1	0.10	-200	-241.1	57748.0	-49.9	0.08	-200	-135.9	57792.6	-33.6	0.08
-200	-343.1	57753.4	-39.8	0.09	-200	-239.3	57748.7	-48.0	0.12	-200	-134.4	57792.3	-28.1	0.08
-200	-341.7	57751.9	-37.3	0.08	-200	-237.5	57748.2	-50.4	0.10	-200	-132.8	57791.3	-34.1	0.09
-200	-340.3	57752.4	-36.6	0.08	-200	-235.7	57747.8	-50.9	0.10	-200	-131.3	57793.3	-27.2	0.13
-200	-338.9	57749.3	-36.9	0.09	-200	-233.9	57746.7	-54.2	0.15	-200	-129.7	57794.1	-27.4	0.07
-200	-337.5	57741.7	-43.3	0.09	-200	-232.1	57747.6	-51.4	0.10	-200	-128.1	57793.5	-23.7	0.08
-200	-336.1	57732.5	-54.9	0.10	-200	-230.4	57751.9	-35.4	0.08	-200	-126.6	57792.8	-19.0	0.07
-200	-334.7	57733.3	-48.0	0.10	-200	-228.6	57750.1	-40.3	0.08	-200	-125.0	57794.4	-13.8	0.08
-200	-333.3	57744.8	-42.0	0.08	-200	-226.8	57757.9	-20.3	0.07	-200	-123.2	57785.0	-33.1	0.08
-200	-331.9	57748.2	-44.1	0.08	-200	-225.0	57752.0	-45.0	0.07	-200	-121.4	57780.2	-30.3	0.07
-200	-330.6	57750.5	-45.2	0.08	-200	-223.7	57756.2	-29.4	0.08	-200	-119.6	57783.6	-26.6	0.07
-200	-329.2	57746.2	-56.6	0.11	-200	-222.4	57758.9	-32.5	0.08	-200	-117.9	57779.4	-29.9	0.07
-200	-327.8	57756.7	-24.9	0.08	-200	-221.1	57751.6	-41.1	0.08	-200	-116.1	57766.1	-36.1	0.10
-200	-326.4	57746.2	-50.3	0.10	-200	-219.7	57752.0	-42.5	0.08	-200	-114.3	57759.7	-38.5	0.07
-200	-325.0	57757.0	34.1	0.08	-200	-218.4	57745.5	-48.9	0.09	-200	-112.5	57765.9	-27.2	0.10
-200	-323.5	57757.8	-34.0	0.11	-200	-217.1	57748.5	-53.1	0.08	-200	-110.7	57771.6	-30.5	0.09
-200	-322.1	57755.7	-45.3	0.08	-200	-215.8	57752.4	-38.7	0.08	-200	-108.9	57768.3	-48.5	0.08
-200	-320.6	57757.6	-40.6	0.10	-200	-214.5	57749.2	-49.0	0.09	-200	-107.1	57773.2	-28.6	0.10
-200	-319.1	57754.1	-43.7	0.08	-200	-213.2	57748.4	-46.4	0.10	-200	-105.4	57770.3	-29.3	0.11
-200	-317.6	57749.7	-45.6	0.09	-200	-211.8	57750.4	-42.4	0.08	-200	-103.6	57770.2	-20.5	0.13
-200	-316.2	57747.5	-45.8	0.08	-200	-210.5	57754.8	-31.4	0.08	-200	-101.8	57773.1	-22.5	0.07
-200	-314.7	57743.1	-46.2	0.08	-200	-209.2	57746.4	-52.7	0.11	-200	-100.0	57774.5	-22.7	0.07
-200	-313.2	57740.9	-36.4	0.11	-200	-207.9	57746.5	-51.3	0.09	-200	-98.3	57770.5	-20.4	0.07
-200	-311.8	57733.9	-52.5	0.10	-200	-206.6	57750.0	-47.7	0.10	-200	-96.7	57767.5	-31.4	0.08
-200	-310.3	57736.6	-49.3	0.08	-200	-205.3	57720.0	-104.6	0.14	-200	-95.0	57759.7	-43.2	0.08
-200	-308.8	57749.8	-36.1	0.07	-200	-203.9	57747.2	-50.7	0.12	-200	-93.3	57758.8	-36.3	0.11
-200	-307.4	57756.3	-35.1	0.07	-200	-202.6	57753.1	-41.3	0.20	-200	-91.7	57756.1	-44.9	0.07
-200	-305.9	57754.5	-46.6	0.09	-200	-201.3	57759.6	-20.3	0.07	-200	-90.0	57758.3	-35.1	0.08
-200	-304.4	57757.7	-38.3	0.10	-200	-200.0	57758.5	-22.5	0.08	-200	-88.3	57764.4	-37.8	0.08
-200	-302.9	57763.4	-35.9	0.08	-200	-198.4	57754.0	-41.8	0.08	-200	-86.7	57768.1	-36.3	0.11
-200	-301.5	57761.7	-33.0	0.07	-200	-196.9	57751.8	-48.2	0.08	-200	-85.0	57766.2	-41.8	0.08
-200	-300.0	57760.6	-24.6	0.07	-200	-195.3	57752.8	-41.0	0.08	-200	-83.3	57766.6	-41.0	0.09
-200	-298.4	57761.0	-29.0	0.08	-200	-193.8	57752.6	-43.9	0.08	-200	-81.7	57765.1	-39.5	0.09
-200	-296.9	57751.3	-54.8	0.12	-200	-192.2	57751.2	-43.7	0.09	-200	-80.0	57765.9	-39.1	0.08
-200	-295.3	57756.4	-40.5	0.12	-200	-190.6	57751.9	-43.7	0.08	-200	-78.3	57760.5	-48.5	0.08
-200	-293.8	57756.0	-49.1	0.08	-200	-189.1	57750.7	-45.5	0.08	-200	-76.7	57763.6	-29.3	0.06
-200	-292.2	57753.8	-45.7	0.09	-200	-187.5	57752.0	-49.3	0.08	-200	-75.0	57768.1	-18.7	0.07
-200	-290.6	57751.0	-42.8	0.08	-200	-185.9	57754.0	-55.6	0.08	-200	-73.4	57764.3	-24.0	0.07
-200	-289.1	57743.7	-49.5	0.10	-200	-184.4	57763.5	-39.1	0.08	-200	-71.9	57759.6	-38.6	0.08
-200	-287.5	57741.3	-47.8	0.08	-200	-182.8	57761.7	-40.1	0.11	-200	-70.3	57761.4	-46.3	0.08
-200	-285.9	57741.4	-45.2	0.08	-200	-181.3	57751.7	-43.5	0.09	-200	-68.8	57769.9	-31.6	0.08
-200	-284.4	57745.0	-44.0	0.09	-200	-179.7	57744.4	-55.3	0.08	-200	-67.2	57772.5	-37.0	0.07
-200	-282.8	57741.1	-50.3	0.12	-200	-178.1	57744.3	-46.5	0.08	-200	-65.6	57775.2	-39.9	0.08
-200	-281.3	57750.7	-37.0	0.09	-200	-176.6	57749.7	-29.2	0.07	-200	-64.1	57781.8	-35.3	0.08
-200	-279.7	57748.6	-46.9	0.08	-200	-175.0	57754.0	-22.3	0.08	-200	-62.5	57780.9	-41.8	0.08
-200	-278.1	57753.2	-29.1	0.08	-200	-173.4	57744.2	-46.8	0.11	-200	-60.9	57782.6	-40.0	0.08
-200	-276.6	57745.9	-42.2	0.08	-200	-171.9	57744.4	-50.4	0.09	-200	-59.4	57785.4	-36.7	0.08
-200	-275.0	57754.3	-25.5	0.07	-200	-170.3	57749.7	-43.4	0.08	-200	-57.8	57784.0	-38.5	0.08
-200	-273.5	57753.8	-30.6	0.08	-200	-168.8	57753.3	-42.9	0.13	-200	-56.3	57786.2	-36.6	0.07
-200	-272.1	57750.3	-41.9	0.08	-200	-167.2	57753.9	-46.6	0.11	-200	-54.7	57786.8	-41.4	0.08
-200	-270.6	57743.9	-53.1	0.09	-200	-165.6	57755.4	-50.0	0.08	-200	-53.1	57787.1	-37.4	0.07
-200	-269.1	57740.4	-50.6	0.12	-200	-164.1	57758.2	-55.3	0.15	-200	-51.6	57792.1	-30.7	0.07
-200	-267.6	57735.9	-55.1	0.08	-200	-162.5	57764.6	-47.0	0.12	-200	-50.0	57802.3	-7.5	0.08
-200	-266.2	57743.3	-34.8	0.08	-200	-160.9	57769.7	-43.8	0.08	-200	-48.3	57767.4	-57.0	0.09
-200	-264.7	57749.7	-39.8	0.08	-200	-159.4	57775.9	-34.4	0.08	-200	-46.7	57750.7	-43.2	0.08
-200	-263.2	57753.5	-37.6	0.09	-200	-157.8	57771.6	-45.0	0.09	-200	-45.0	57754.6	-47.4	0.08

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-200	-43.3	57769.7	-37.9	0.08	-200	63.9	57817.8	-24.8	0.08	-200	156.3	57762.1	-37.0	0.11
-200	-41.7	57773.4	-44.3	0.09	-200	65.3	57815.2	-30.2	0.08	-200	157.5	57763.7	-40.5	0.13
-200	-40.0	57777.8	-40.9	0.08	-200	66.7	57815.9	-25.2	0.10	-200	158.8	57763.2	-41.5	0.12
-200	-38.3	57777.3	-39.5	0.10	-200	68.1	57815.7	-28.3	0.07	-200	160.0	57764.2	-41.3	0.09
-200	-36.7	57780.6	-38.7	0.10	-200	69.4	57819.1	-23.6	0.10	-200	161.3	57764.5	-33.9	0.09
-200	-35.0	57779.8	-48.3	0.08	-200	70.8	57794.3	-73.4	0.22	-200	162.5	57761.2	-45.0	0.12
-200	-33.3	57787.4	-25.3	0.06	-200	72.2	57791.1	-74.9	0.15	-200	163.8	57762.0	-41.3	0.12
-200	-31.7	57782.2	-34.4	0.07	-200	73.6	57809.6	-20.4	0.07	-200	165.0	57763.6	-44.1	0.12
-200	-30.0	57777.9	-44.2	0.09	-200	75.0	57808.9	-17.6	0.07	-200	166.3	57741.8	-101.6	0.16
-200	-28.3	57778.5	-41.2	0.09	-200	76.5	57809.1	-17.4	0.08	-200	167.5	57775.3	-37.9	0.15
-200	-26.7	57787.7	-17.9	0.07	-200	77.9	57803.7	-27.0	0.09	-200	168.8	57779.2	-27.8	0.11
-200	-25.0	57788.1	-18.6	0.07	-200	79.4	57799.3	-25.2	0.08	-200	170.0	57775.3	-39.9	0.10
-200	-23.3	57783.4	-33.0	0.07	-200	80.9	57794.1	-40.8	0.08	-200	171.3	57775.9	-39.2	0.11
-200	-21.7	57781.3	-37.3	0.07	-200	82.4	57798.1	-29.6	0.23	-200	172.5	57747.8	-94.4	0.12
-200	-20.0	57778.1	-42.5	0.09	-200	83.8	57796.2	-27.7	0.11	-200	173.8	57811.9	44.2	0.14
-200	-18.3	57777.1	-47.7	0.09	-200	85.3	57798.2	-26.7	0.08	-200	175.0	57777.8	-15.6	0.09
-200	-16.7	57774.5	-51.5	0.09	-200	86.8	57801.3	-32.9	0.18	-200	176.3	57770.2	-30.3	0.10
-200	-15.0	57779.6	-38.5	0.08	-200	88.2	57811.5	-18.0	0.10	-200	177.6	57762.6	-41.6	0.10
-200	-13.3	57777.3	-47.5	0.07	-200	89.7	57808.8	-19.5	0.12	-200	178.9	57760.0	-42.8	0.09
-200	-11.7	57781.1	-42.0	0.07	-200	91.2	57806.2	-24.2	0.14	-200	180.3	57765.4	-20.9	0.12
-200	-10.0	57780.7	-46.4	0.09	-200	92.6	57797.1	-30.6	0.10	-200	181.6	57767.6	-27.4	0.10
-200	-8.3	57782.7	-39.7	0.13	-200	94.1	57783.5	-41.4	0.07	-200	182.9	57759.8	-37.6	0.11
-200	-6.7	57784.6	-42.3	0.07	-200	95.6	57777.4	-30.4	0.07	-200	184.2	57754.6	-31.1	0.13
-200	-5.0	57784.7	-40.7	0.07	-200	97.1	57766.0	-35.1	0.08	-200	185.5	57749.2	-38.2	0.12
-200	-3.3	57783.3	-42.9	0.08	-200	98.5	57766.6	-21.4	0.08	-200	186.8	57745.9	-45.5	0.10
-200	-1.7	57786.8	-34.5	0.07	-200	100.0	57763.4	-22.0	0.10	-200	188.2	57751.3	-34.4	0.12
-200	0.0	57789.8	-21.4	0.07	-200	101.7	57761.2	-24.8	0.07	-200	189.5	57750.4	-37.0	0.12
-200	1.9	57792.0	-22.9	0.06	-200	103.3	57764.3	-27.6	0.12	-200	190.8	57749.9	-31.7	0.15
-200	3.8	57792.5	-25.4	0.07	-200	105.0	57762.9	-31.2	0.08	-200	192.1	57744.6	-46.6	0.09
-200	5.8	57795.2	-32.3	0.07	-200	106.7	57764.5	-27.2	0.09	-200	193.4	57745.7	-32.9	0.10
-200	7.7	57796.1	-30.1	0.08	-200	108.3	57768.9	88.5	0.17	-200	194.7	57743.2	-35.6	0.10
-200	9.6	57801.7	-27.7	0.09	-200	110.0	57762.0	-40.5	0.08	-200	196.1	57738.9	-44.5	0.10
-200	11.5	57804.9	-23.7	0.08	-200	111.7	57762.8	26.6	0.10	-200	197.4	57738.8	-38.2	0.09
-200	13.5	57808.6	-20.9	0.07	-200	113.3	57758.0	-32.2	0.11	-200	198.7	57741.6	-20.9	0.09
-200	15.4	57804.2	-34.5	0.07	-200	115.0	57754.1	20.7	0.15	-200	200.0	57739.4	-21.0	0.13
-200	17.3	57806.9	-33.0	0.07	-200	116.7	57750.9	-39.4	0.08	-200	201.4	57733.6	-35.6	0.09
-200	19.2	57806.1	-27.4	0.08	-200	118.3	57724.5	-95.9	0.13	-200	202.8	57736.6	-35.8	0.11
-200	21.2	57813.2	-25.8	0.10	-200	120.0	57770.8	-24.1	0.14	-200	204.2	57740.0	-29.2	0.10
-200	23.1	57813.1	-24.2	0.10	-200	121.7	57805.3	37.0	0.24	-200	205.6	57744.5	-23.7	0.09
-200	25.0	57814.2	-13.7	0.09	-200	123.3	57776.9	-26.6	0.10	-200	206.9	57737.8	-40.5	0.13
-200	26.3	57815.6	-17.9	0.12	-200	125.0	57778.7	-30.7	0.12	-200	208.3	57740.7	-27.8	0.12
-200	27.5	57812.1	-31.2	0.09	-200	126.0	57780.9	-15.5	0.09	-200	209.7	57739.8	-30.6	0.11
-200	28.8	57771.9	-38.2	0.21	-200	127.1	57779.1	-17.5	0.09	-200	211.1	57744.4	-27.3	0.17
-200	30.0	57803.9	-26.3	0.12	-200	128.1	57771.0	-38.2	0.09	-200	212.5	57719.9	-82.0	0.16
-200	31.3	57799.8	-32.4	0.08	-200	129.2	57765.6	-46.6	0.10	-200	213.9	57758.4	-19.3	0.10
-200	32.5	57798.5	-26.6	0.09	-200	130.2	57764.7	-45.3	0.14	-200	215.3	57767.3	-17.8	0.09
-200	33.8	57794.3	-31.4	0.09	-200	131.3	57738.8	-91.4	0.15	-200	216.7	57771.6	-10.7	0.10
-200	35.0	57788.1	-31.8	0.07	-200	132.3	57761.1	-46.4	0.17	-200	218.1	57765.2	-32.1	0.10
-200	36.3	57786.6	-26.8	0.07	-200	133.3	57760.5	-44.6	0.11	-200	219.4	57757.4	-35.3	0.13
-200	37.5	57786.7	-35.5	0.19	-200	134.4	57766.0	-33.3	0.10	-200	220.8	57748.4	-42.3	0.10
-200	38.8	57759.3	-88.9	0.16	-200	135.4	57762.9	-40.3	0.12	-200	222.2	57748.9	-31.4	0.14
-200	40.0	57785.2	-33.7	0.08	-200	136.5	57767.0	-30.7	0.15	-200	223.6	57750.7	-17.5	0.09
-200	41.3	57786.7	-25.7	0.16	-200	137.5	57761.9	-40.2	0.11	-200	225.0	57747.5	-17.3	0.08
-200	42.5	57748.0	-98.3	0.18	-200	138.5	57761.4	-42.8	0.14	-200	226.4	57743.8	-35.4	0.09
-200	43.8	57786.6	-28.8	0.14	-200	139.6	57759.2	-43.2	0.10	-200	227.8	57715.5	-84.7	0.18
-200	45.0	57791.6	-25.7	0.10	-200	140.6	57758.3	-45.9	0.09	-200	229.2	57740.2	-41.6	0.10
-200	46.3	57786.0	-34.3	0.09	-200	141.7	57757.9	-43.8	0.11	-200	230.6	57742.8	-28.5	0.13
-200	47.5	57788.4	-27.9	0.07	-200	142.7	57758.5	-41.0	0.10	-200	231.9	57740.5	-36.1	0.14
-200	48.8	57794.5	-21.0	0.08	-200	143.8	57756.4	-40.1	0.09	-200	233.3	57740.2	-26.9	0.12
-200	50.0	57803.9	-13.0	0.07	-200	144.8	57751.0	-47.0	0.13	-200	234.7	57730.5	-26.8	0.22
-200	51.4	57810.8	-23.1	0.12	-200	145.8	57750.2	-49.6	0.11	-200	236.1	57728.8	-30.0	0.11
-200	52.8	57821.7	-14.6	0.12	-200	146.9	57719.3	-97.0	0.17	-200	237.5	57713.4	-52.2	0.12
-200	54.2	57822.2	-23.3	0.08	-200	147.9	57744.1	-50.1	0.10	-200	238.9	57721.3	-41.9	0.13
-200	55.6	57818.0	-31.5	0.08	-200	149.0	57755.6	-21.0	0.12	-200	240.3	57724.7	-26.8	0.14
-200	56.9	57820.4	-31.0	0.07	-200	150.0	57759.5	-17.7	0.09	-200	241.7	57724.2	-22.2	0.10
-200	58.3	57820.9	-31.0	0.10	-200	151.3	57667.3	-211.7	0.25	-200	243.1	57724.6	-29.7	0.09
-200	59.7	57824.0	-24.6	0.08	-200	152.5	57755.0	-42.0	0.12	-200	244.4	57723.6	-33.4	0.11
-200	61.1	57819.3	-31.9	0.12	-200	153.8	57758.6	-39.5	0.14	-200	245.8	57728.0	-27.3	0.14
-200	62.5	57820.2	-63.5	0.10	-200	155.0	57761.4	-36.0	0.13	-200	247.2	57715.8	-30.3	0.22

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-200	248.6	57736.3	-14.7	0.10	-100	-625.0	57733.4	-28.8	0.07	-100	-545.2	57739.1	-43.6	0.08
-200	250.0	57736.2	-14.8	0.15	-100	-623.8	57732.3	-32.0	0.08	-100	-544.2	57739.3	-46.4	0.09
-200	251.3	57736.1	-14.7	0.15	-100	-622.6	57726.5	-57.2	0.10	-100	-543.3	57738.0	-46.2	0.08
-200	252.5	57736.8	-14.3	0.09	-100	-621.4	57728.3	-51.3	0.09	-100	-542.3	57736.9	-51.3	0.09
-200	253.8	57737.6	-15.7	0.10	-100	-620.2	57731.3	-43.0	0.09	-100	-541.3	57737.2	-48.9	0.10
-200	255.0	57737.6	-22.8	0.12	-100	-619.0	57731.4	-47.7	0.09	-100	-540.4	57735.4	-48.7	0.10
-200	256.3	57741.1	-28.5	0.09	-100	-617.9	57731.5	-40.5	0.08	-100	-539.4	57733.0	-49.7	0.16
-200	257.5	57740.2	-37.7	0.10	-100	-616.7	57725.9	-45.3	0.10	-100	-538.5	57732.0	-44.1	0.10
-200	258.8	57745.2	-27.4	0.08	-100	-615.5	57729.1	-48.2	0.09	-100	-537.5	57729.0	-47.8	0.08
-200	260.0	57748.7	-23.0	0.11	-100	-614.3	57733.0	-39.4	0.10	-100	-536.5	57727.0	-47.5	0.08
-200	261.3	57747.7	-29.8	0.08	-100	-613.1	57728.0	-51.6	0.09	-100	-535.6	57723.5	-48.3	0.10
-200	262.5	57751.1	-25.7	0.11	-100	-611.9	57723.8	-56.3	0.09	-100	-534.6	57728.8	-30.6	0.09
-200	263.8	57755.2	-24.4	0.09	-100	-610.7	57725.3	-46.3	0.08	-100	-533.7	57721.9	-53.6	0.09
-200	265.0	57755.9	-29.8	0.12	-100	-609.5	57725.0	-49.5	0.08	-100	-532.7	57724.1	-51.0	0.08
-200	266.3	57758.4	-34.3	0.09	-100	-608.3	57724.9	-50.8	0.09	-100	-531.7	57723.0	-51.8	0.09
-200	267.5	57729.3	-89.6	0.15	-100	-607.1	57729.6	-44.3	0.08	-100	-530.8	57724.1	-51.8	0.08
-200	268.8	57762.4	-25.1	0.11	-100	-606.0	57729.9	-45.3	0.08	-100	-529.8	57724.8	-51.1	0.12
-200	270.0	57764.3	-20.4	0.18	-100	-604.8	57729.1	-52.4	0.08	-100	-528.8	57725.2	-55.4	0.10
-100	-690.0	57730.3	-40.3	0.15	-100	-603.6	57732.3	-51.5	0.08	-100	-527.9	57727.4	-56.7	0.10
-100	-688.5	57728.0	-46.4	0.10	-100	-602.4	57736.6	-47.5	0.09	-100	-526.9	57729.6	-54.4	0.09
-100	-687.0	57728.6	-42.4	0.09	-100	-601.2	57745.5	-25.7	0.07	-100	-526.0	57737.1	-38.3	0.09
-100	-685.5	57727.3	-40.2	0.09	-100	-600.0	57748.8	-23.7	0.08	-100	-525.0	57744.7	-26.4	0.08
-100	-684.0	57726.9	-40.8	0.10	-100	-598.9	57748.8	-33.6	0.07	-100	-523.9	57740.9	-46.5	0.09
-100	-682.5	57726.7	-41.7	0.14	-100	-597.7	57744.7	-53.2	0.08	-100	-522.7	57740.1	-50.6	0.10
-100	-681.0	57725.5	-49.1	0.11	-100	-596.6	57747.8	-51.8	0.09	-100	-521.6	57741.5	-48.6	0.09
-100	-679.5	57729.8	-40.8	0.08	-100	-595.5	57752.1	-42.9	0.10	-100	-520.5	57741.8	-48.9	0.10
-100	-678.0	57729.9	-38.2	0.08	-100	-594.3	57750.0	-52.2	0.09	-100	-519.3	57743.8	-44.9	0.09
-100	-676.5	57732.7	-27.8	0.07	-100	-593.2	57752.5	-44.5	0.09	-100	-518.2	57744.0	-50.2	0.08
-100	-675.0	57734.1	-23.5	0.06	-100	-592.0	57751.7	-52.3	0.13	-100	-517.0	57746.4	-49.1	0.09
-100	-673.8	57734.5	-23.4	0.07	-100	-590.9	57755.1	-45.0	0.09	-100	-515.9	57752.4	-41.2	0.09
-100	-672.5	57730.5	-38.3	0.19	-100	-589.8	57758.0	-40.9	0.09	-100	-514.8	57751.2	-37.0	0.09
-100	-671.3	57728.2	-47.8	0.11	-100	-588.6	57760.2	-43.0	0.09	-100	-513.6	57741.6	-48.9	0.09
-100	-670.0	57728.7	-42.5	0.10	-100	-587.5	57762.7	-38.8	0.09	-100	-512.5	57742.0	-44.1	0.08
-100	-668.8	57725.6	-46.0	0.09	-100	-586.4	57764.0	-35.4	0.09	-100	-511.4	57740.4	-43.0	0.09
-100	-667.5	57725.5	-44.4	0.09	-100	-585.2	57760.9	-36.8	0.11	-100	-510.2	57738.4	-43.4	0.10
-100	-666.3	57724.4	-52.1	0.09	-100	-584.1	57753.8	-38.3	0.08	-100	-509.1	57733.6	-47.7	0.10
-100	-665.0	57723.7	-50.6	0.10	-100	-583.0	57746.2	-49.5	0.08	-100	-508.0	57732.3	-42.2	0.10
-100	-663.8	57722.6	-53.9	0.11	-100	-581.8	57740.9	-48.2	0.09	-100	-506.8	57734.9	-28.4	0.08
-100	-662.5	57722.9	-53.7	0.12	-100	-580.7	57731.3	-49.9	0.10	-100	-505.7	57730.7	-42.1	0.08
-100	-661.3	57723.2	-51.1	0.08	-100	-579.5	57731.7	-48.2	0.10	-100	-504.5	57731.7	6.4	0.21
-100	-660.0	57724.2	-45.5	0.09	-100	-578.4	57731.9	-48.5	0.08	-100	-503.4	57738.2	-28.9	0.13
-100	-658.8	57725.5	-42.1	0.09	-100	-577.3	57741.3	-34.3	0.08	-100	-502.3	57741.4	-25.5	0.08
-100	-657.5	57725.6	-45.3	0.09	-100	-576.1	57747.6	-35.8	0.08	-100	-501.1	57742.1	-28.1	0.08
-100	-656.3	57725.9	-46.1	0.12	-100	-575.0	57748.3	-22.3	0.08	-100	-500.0	57745.2	-29.8	0.07
-100	-655.0	57727.2	-51.4	0.12	-100	-573.8	57746.9	-26.1	0.08	-100	-498.9	57740.9	-46.4	0.09
-100	-653.8	57729.8	-48.5	0.09	-100	-572.6	57736.6	-50.0	0.09	-100	-497.7	57745.1	-37.4	0.08
-100	-652.5	57733.5	-42.2	0.08	-100	-571.4	57736.3	-44.6	0.08	-100	-496.6	57743.8	-38.7	0.08
-100	-651.3	57732.0	-38.7	0.08	-100	-570.2	57735.2	-52.6	0.09	-100	-495.5	57741.4	-43.6	0.09
-100	-650.0	57735.6	-30.1	0.08	-100	-569.0	57737.2	-49.6	0.15	-100	-494.3	57740.1	-42.7	0.09
-100	-648.8	57736.2	-24.6	0.08	-100	-567.9	57744.6	-52.0	0.09	-100	-493.2	57739.0	-43.3	0.08
-100	-647.6	57726.0	-58.3	0.08	-100	-566.7	57748.5	-42.7	0.09	-100	-492.0	57736.5	-45.5	0.09
-100	-646.4	57727.6	-56.5	0.09	-100	-565.5	57749.2	-41.1	0.08	-100	-490.9	57733.8	-46.9	0.15
-100	-645.2	57730.6	-55.6	0.11	-100	-564.3	57745.5	-43.2	0.08	-100	-489.8	57733.8	-41.7	0.08
-100	-644.0	57733.1	-54.0	0.13	-100	-563.1	57741.0	-47.9	0.08	-100	-488.6	57734.6	-42.1	0.08
-100	-642.9	57733.9	-49.9	0.10	-100	-561.9	57741.9	-41.1	0.08	-100	-487.5	57734.9	-43.2	0.08
-100	-641.7	57737.8	14.9	0.16	-100	-560.7	57738.8	-48.8	0.08	-100	-486.4	57732.6	-44.0	0.10
-100	-640.5	57736.3	-48.0	0.09	-100	-559.5	57739.0	-41.2	0.09	-100	-485.2	57732.9	-45.2	0.11
-100	-639.3	57733.8	-52.1	0.09	-100	-558.3	57731.6	-46.6	0.09	-100	-484.1	57735.2	-44.0	0.09
-100	-638.1	57735.9	-45.7	0.09	-100	-557.1	57729.1	-52.8	0.09	-100	-483.0	57737.6	-40.7	0.12
-100	-636.9	57735.0	-40.8	0.08	-100	-556.0	57732.9	-45.6	0.08	-100	-481.8	57734.4	-48.7	0.10
-100	-635.7	57732.7	-49.3	0.10	-100	-554.8	57736.4	-40.7	0.08	-100	-480.7	57735.6	-48.8	0.09
-100	-634.5	57732.5	-45.8	0.10	-100	-553.6	57735.1	-51.0	0.08	-100	-479.5	57739.9	-32.2	0.11
-100	-633.3	57731.4	-47.1	0.09	-100	-552.4	57738.3	-47.3	0.08	-100	-478.4	57735.8	-50.2	0.12
-100	-632.1	57727.5	-50.4	0.09	-100	-551.2	57741.7	-38.6	0.08	-100	-477.3	57737.0	-51.1	0.14
-100	-631.0	57726.2	-46.9	0.08	-100	-550.0	57745.5	-26.6	0.08	-100	-476.1	57741.9	-31.7	0.11
-100	-629.8	57726.6	-43.8	0.09	-100	-549.0	57746.1	-24.2	0.08	-100	-475.0	57745.8	-27.6	0.10
-100	-628.6	57724.7	-45.2	0.09	-100	-548.1	57740.0	-49.9	0.11	-100	-473.8	57743.9	-35.9	0.13
-100	-627.4	57724.5	-47.9	0.09	-100	-547.1	57738.2	-52.6	0.14	-100	-472.6	57741.1	-47.6	0.20
-100	-626.2	57728.2	-37.3	0.09	-100	-546.2	57737.3	-51.2	0.08	-100	-471.4	57741.6	-51.5	0.10

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-100	-470.2	57745.4	-47.0	0.09	-100	-389.6	57763.4	-42.9	0.09	-100	-307.9	57754.4	-45.9	0.08
-100	-469.0	57747.8	-44.2	0.10	-100	-388.5	57766.9	-22.8	0.08	-100	-306.6	57751.5	-51.8	0.11
-100	-467.9	57748.0	-45.6	0.12	-100	-387.5	57759.8	-45.9	0.09	-100	-305.3	57749.5	-45.6	0.10
-100	-466.7	57750.3	-46.2	0.14	-100	-386.5	57759.4	-47.6	0.10	-100	-303.9	57738.7	-56.4	0.09
-100	-465.5	57752.0	-47.5	0.15	-100	-385.4	57758.3	-44.8	0.11	-100	-302.6	57739.0	-52.2	0.08
-100	-464.3	57748.4	-54.1	0.11	-100	-384.4	57756.3	-49.3	0.09	-100	-301.3	57744.9	-30.0	0.08
-100	-463.1	57749.2	-50.8	0.11	-100	-383.3	57759.2	-42.5	0.08	-100	-300.0	57748.5	-32.9	0.08
-100	-461.9	57749.2	-47.1	0.10	-100	-382.3	57754.6	-52.9	0.11	-100	-298.6	57750.6	-30.7	0.08
-100	-460.7	57748.5	-43.3	0.09	-100	-381.3	57752.8	-49.7	0.10	-100	-297.2	57748.7	-49.5	0.09
-100	-459.5	57744.8	-46.6	0.10	-100	-380.2	57757.5	-27.7	0.08	-100	-295.8	57755.2	-38.5	0.08
-100	-458.3	57743.7	-45.1	0.10	-100	-379.2	57749.7	-49.2	0.09	-100	-294.4	57758.6	-48.1	0.12
-100	-457.1	57743.6	-47.3	0.10	-100	-378.1	57747.6	-48.4	0.09	-100	-293.1	57762.9	-41.1	0.09
-100	-456.0	57744.0	-45.0	0.10	-100	-377.1	57749.2	-42.0	0.09	-100	-291.7	57762.8	-31.8	0.08
-100	-454.8	57741.9	-46.8	0.09	-100	-376.0	57752.2	-27.0	0.08	-100	-290.3	57754.7	-40.3	0.11
-100	-453.6	57740.5	-47.5	0.10	-100	-375.0	57752.7	-27.5	0.08	-100	-288.9	57748.1	-55.5	0.09
-100	-452.4	57740.1	-50.4	0.09	-100	-373.9	57751.9	-35.5	0.09	-100	-287.5	57742.9	-54.2	0.11
-100	-451.2	57738.6	-52.2	0.09	-100	-372.8	57749.8	-49.0	0.09	-100	-286.1	57738.5	-56.2	0.09
-100	-450.0	57745.9	-31.7	0.09	-100	-371.7	57749.9	-48.4	0.09	-100	-284.7	57735.1	-51.8	0.10
-100	-448.9	57746.2	-33.9	0.11	-100	-370.7	57751.0	-45.9	0.09	-100	-283.3	57735.0	-58.0	0.11
-100	-447.7	57739.9	-55.2	0.09	-100	-369.6	57753.8	-40.8	0.09	-100	-281.9	57738.0	-57.3	0.10
-100	-446.6	57743.3	-47.8	0.09	-100	-368.5	57749.6	-47.2	0.11	-100	-280.6	57740.2	-55.2	0.11
-100	-445.5	57744.2	-47.3	0.09	-100	-367.4	57746.4	-51.3	0.09	-100	-279.2	57743.6	-52.7	0.10
-100	-444.3	57743.7	-47.5	0.09	-100	-366.3	57744.0	-52.9	0.11	-100	-277.8	57744.0	-53.4	0.12
-100	-443.2	57744.8	-44.9	0.10	-100	-365.2	57744.8	-47.2	0.10	-100	-276.4	57747.6	-37.6	0.08
-100	-442.0	57741.7	-50.8	0.09	-100	-364.1	57743.4	-56.0	0.16	-100	-275.0	57752.0	-26.6	0.08
-100	-440.9	57743.1	-47.5	0.10	-100	-363.0	57746.9	-51.2	0.10	-100	-273.6	57751.3	-27.1	0.09
-100	-439.8	57740.4	-49.8	0.09	-100	-362.0	57749.7	-56.5	0.08	-100	-272.2	57745.9	-51.9	0.08
-100	-438.6	57740.9	-51.0	0.10	-100	-360.9	57753.6	-49.6	0.10	-100	-270.8	57743.9	-55.7	0.08
-100	-437.5	57741.3	-46.9	0.09	-100	-359.8	57758.1	-43.6	0.09	-100	-269.4	57755.2	-51.6	0.08
-100	-436.4	57739.7	-48.4	0.10	-100	-358.7	57762.4	-43.4	0.10	-100	-268.1	57770.6	-42.1	0.08
-100	-435.2	57737.6	-59.6	0.09	-100	-357.6	57761.0	-43.4	0.11	-100	-266.7	57775.2	-43.4	0.09
-100	-434.1	57750.9	-56.2	0.10	-100	-356.5	57765.5	-32.2	0.08	-100	-265.3	57777.2	-42.1	0.10
-100	-433.0	57787.5	-39.9	0.10	-100	-355.4	57759.5	-40.1	0.09	-100	-263.9	57775.1	-37.4	0.09
-100	-431.8	57830.9	1.2	0.08	-100	-354.3	57755.1	-47.0	0.08	-100	-262.5	57766.6	-51.3	0.09
-100	-430.7	57804.8	-13.3	0.10	-100	-353.3	57751.1	-51.3	0.08	-100	-261.1	57768.3	-44.1	0.08
-100	-429.5	57768.6	-47.9	0.09	-100	-352.2	57752.3	-46.9	0.09	-100	-259.7	57763.0	-45.8	0.09
-100	-428.4	57757.2	-47.9	0.10	-100	-351.1	57754.3	-34.9	0.09	-100	-258.3	57759.7	-42.0	0.09
-100	-427.3	57751.3	-51.3	0.13	-100	-350.0	57752.2	-29.4	0.08	-100	-256.9	57756.5	-46.6	0.11
-100	-426.1	57757.2	-26.6	0.09	-100	-348.7	57746.8	-39.0	0.08	-100	-255.6	57753.2	-51.7	0.10
-100	-425.0	57757.3	-24.6	0.11	-100	-347.4	57745.8	-46.0	0.08	-100	-254.2	57751.6	-43.7	0.11
-100	-423.8	57756.3	-31.4	0.08	-100	-346.1	57747.1	-47.7	0.08	-100	-252.8	57746.4	-51.3	0.08
-100	-422.5	57754.8	-32.7	0.09	-100	-344.7	57751.6	-43.0	0.09	-100	-251.4	57748.1	-45.1	0.09
-100	-421.3	57751.9	-46.5	0.08	-100	-343.4	57757.0	-45.3	0.08	-100	-250.0	57752.3	-28.9	0.09
-100	-420.0	57749.0	-54.2	0.10	-100	-342.1	57759.3	-45.5	0.09	-100	-248.5	57752.3	-28.3	0.09
-100	-418.8	57748.0	-53.7	0.10	-100	-340.8	57759.0	-48.6	0.09	-100	-247.1	57752.6	-34.8	0.09
-100	-417.5	57750.4	-44.6	0.14	-100	-339.5	57761.3	-42.4	0.09	-100	-245.6	57756.5	-44.5	0.16
-100	-416.3	57747.3	-47.2	0.13	-100	-338.2	57762.6	-42.2	0.09	-100	-244.1	57763.5	-33.1	0.11
-100	-415.0	57746.8	-50.2	0.08	-100	-336.8	57758.7	-48.8	0.08	-100	-242.6	57700.1	-161.0	0.15
-100	-413.8	57745.8	-52.2	0.10	-100	-335.5	57758.2	-47.8	0.09	-100	-241.2	57762.5	-37.2	0.10
-100	-412.5	57743.1	-56.4	0.13	-100	-334.2	57759.7	-41.9	0.09	-100	-239.7	57762.8	-20.6	0.08
-100	-411.3	57742.2	-54.3	0.10	-100	-332.9	57759.3	-42.7	0.09	-100	-238.2	57754.8	-26.9	0.07
-100	-410.0	57741.0	-50.1	0.10	-100	-331.6	57756.5	-49.0	0.09	-100	-236.8	57739.7	-52.7	0.13
-100	-408.8	57740.8	-48.9	0.10	-100	-330.3	57759.7	-45.7	0.08	-100	-235.3	57741.3	-55.4	0.09
-100	-407.5	57736.4	-59.7	0.11	-100	-328.9	57765.3	-44.5	0.08	-100	-233.8	57751.4	-43.1	0.09
-100	-406.3	57741.7	-45.5	0.09	-100	-327.6	57770.1	-39.9	0.08	-100	-232.4	57757.8	-36.5	0.09
-100	-405.0	57741.6	-46.2	0.09	-100	-326.3	57769.7	-34.4	0.08	-100	-230.9	57763.7	-37.8	0.09
-100	-403.8	57741.6	11.3	0.11	-100	-325.0	57772.9	-26.1	0.08	-100	-229.4	57765.2	-36.0	0.08
-100	-402.5	57744.9	-43.5	0.09	-100	-323.7	57772.7	-23.4	0.08	-100	-227.9	57761.3	-46.7	0.09
-100	-401.3	57748.7	-27.6	0.08	-100	-322.4	57760.4	-52.2	0.08	-100	-226.5	57763.0	-30.9	0.09
-100	-400.0	57749.9	-28.9	0.07	-100	-321.1	57757.6	-49.5	0.11	-100	-225.0	57754.8	-26.5	0.08
-100	-399.0	57748.7	-29.0	0.12	-100	-319.7	57751.7	-54.9	0.08	-100	-223.6	57749.3	-31.2	0.11
-100	-397.9	57738.0	-60.0	0.10	-100	-318.4	57748.3	-48.0	0.08	-100	-222.2	57746.8	-49.8	0.09
-100	-396.9	57740.1	-58.4	0.11	-100	-317.1	57744.4	-56.9	0.08	-100	-220.8	57754.9	-43.5	0.08
-100	-395.8	57744.6	-57.1	0.09	-100	-315.8	57744.5	-58.2	0.09	-100	-219.4	57764.2	-34.2	0.10
-100	-394.8	57752.8	-46.9	0.11	-100	-314.5	57748.2	-49.8	0.10	-100	-218.1	57773.3	-31.4	0.12
-100	-393.8	57758.7	-43.9	0.09	-100	-313.2	57749.2	-55.3	0.08	-100	-216.7	57769.3	-36.7	0.09
-100	-392.7	57758.8	-43.2	0.09	-100	-311.8	57755.5	-50.0	0.10	-100	-215.3	57763.1	-37.5	0.08
-100	-391.7	57763.3	-48.0	0.09	-100	-310.5	57759.2	-41.4	0.10	-100	-213.9	57754.9	-47.0	0.08
-100	-390.6	57767.9	-33.9	0.09	-100	-309.2	57757.0	-43.2	0.09	-100	-212.5	57750.8	-45.8	0.08

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-100	-211.1	57749.9	-48.9	0.09	-100	-122.5	57748.4	-52.2	0.12	-100	-34.2	57767.2	-48.6	0.10
-100	-209.7	57754.0	-49.6	0.11	-100	-121.3	57750.8	-46.9	0.11	-100	-32.9	57763.9	-56.0	0.09
-100	-208.3	57761.1	-43.3	0.10	-100	-120.0	57751.5	-50.7	0.10	-100	-31.6	57763.6	-52.8	0.09
-100	-206.9	57770.5	-34.6	0.09	-100	-118.8	57755.7	-54.5	0.11	-100	-30.3	57764.3	-50.6	0.09
-100	-205.6	57777.5	-36.7	0.10	-100	-117.5	57763.9	-47.2	0.12	-100	-28.9	57766.1	-52.1	0.09
-100	-204.2	57778.4	-38.1	0.08	-100	-116.3	57761.6	-52.0	0.09	-100	-27.6	57773.2	-31.3	0.09
-100	-202.8	57775.9	-38.8	0.08	-100	-115.0	57762.6	-48.6	0.09	-100	-26.3	57768.5	-52.7	0.09
-100	-201.4	57771.1	-41.5	0.08	-100	-113.8	57762.2	-49.8	0.13	-100	-25.0	57775.7	-29.0	0.09
-100	-200.0	57770.7	-19.5	0.08	-100	-112.5	57763.8	-47.0	0.14	-100	-23.9	57777.4	-29.2	0.09
-100	-198.7	57765.4	-27.2	0.09	-100	-111.3	57768.6	-42.5	0.11	-100	-22.8	57774.2	-57.5	0.09
-100	-197.4	57758.5	-41.0	0.08	-100	-110.0	57769.4	-47.5	0.11	-100	-21.7	57777.9	-49.7	0.10
-100	-196.1	57751.8	-43.5	0.08	-100	-108.8	57773.4	-36.8	0.10	-100	-20.7	57783.2	-43.5	0.08
-100	-194.7	57747.6	-40.4	0.08	-100	-107.5	57767.7	-47.7	0.09	-100	-19.6	57784.8	-46.4	0.09
-100	-193.4	57743.2	-45.1	0.07	-100	-106.3	57761.8	-56.7	0.09	-100	-18.5	57785.7	-43.9	0.08
-100	-192.1	57742.7	-45.6	0.08	-100	-105.0	57763.1	-50.3	0.08	-100	-17.4	57784.6	-52.6	0.09
-100	-190.8	57743.2	-47.3	0.09	-100	-103.8	57759.2	-45.1	0.09	-100	-16.3	57783.6	-51.3	0.09
-100	-189.5	57745.8	-47.6	0.09	-100	-102.5	57757.5	-43.7	0.09	-100	-15.2	57783.9	-49.3	0.09
-100	-188.2	57750.2	-44.9	0.08	-100	-101.3	57758.1	-40.4	0.08	-100	-14.1	57783.1	-48.7	0.08
-100	-186.8	57756.2	-34.7	0.08	-100	-100.0	57758.9	-24.6	0.08	-100	-13.0	57782.6	-44.4	0.09
-100	-185.5	57755.6	-40.9	0.07	-100	-98.8	57758.2	-27.3	0.07	-100	-12.0	57778.9	-52.4	0.10
-100	-184.2	57757.9	-36.8	0.09	-100	-97.6	57754.3	-55.3	0.09	-100	-10.9	57776.8	-57.7	0.09
-100	-182.9	57754.6	-44.9	0.09	-100	-96.4	57755.1	-49.5	0.10	-100	-9.8	57777.8	-57.9	0.09
-100	-181.6	57753.7	-37.8	0.08	-100	-95.2	57753.4	-45.5	0.10	-100	-8.7	57780.1	-54.6	0.10
-100	-180.3	57751.0	-44.5	0.11	-100	-94.0	57750.4	-51.0	0.12	-100	-7.6	57785.6	-153.9	0.14
-100	-178.9	57750.6	-42.6	0.08	-100	-92.9	57748.7	-51.1	0.08	-100	-6.5	57788.1	-48.5	0.11
-100	-177.6	57749.5	-49.2	0.07	-100	-91.7	57744.2	-50.9	0.10	-100	-5.4	57787.0	-51.1	0.09
-100	-176.3	57751.4	-36.7	0.09	-100	-90.5	57739.3	-59.8	0.09	-100	-4.3	57788.0	-49.7	0.11
-100	-175.0	57755.8	-29.4	0.08	-100	-89.3	57742.0	-57.5	0.10	-100	-3.3	57787.0	-57.9	0.11
-100	-173.7	57750.0	-51.5	0.08	-100	-88.1	57747.1	-53.1	0.09	-100	-2.2	57793.2	-48.6	0.12
-100	-172.4	57752.1	-46.8	0.08	-100	-86.9	57750.9	-47.7	0.10	-100	-1.1	57796.9	-29.1	0.11
-100	-171.1	57752.8	-46.0	0.08	-100	-85.7	57757.2	-43.6	0.11	-100	0.0	57797.7	-27.6	0.09
-100	-169.7	57755.4	-39.5	0.09	-100	-84.5	57758.3	-47.0	0.11	-100	1.3	57791.9	-49.3	0.08
-100	-168.4	57756.2	-43.0	0.10	-100	-83.3	57757.9	-54.3	0.08	-100	2.6	57792.7	-48.0	0.22
-100	-167.1	57758.0	-48.7	0.09	-100	-82.1	57764.8	-46.5	0.09	-100	3.9	57796.7	-38.6	0.13
-100	-165.8	57762.0	-41.2	0.09	-100	-81.0	57765.4	-36.7	0.08	-100	5.3	57799.4	-27.2	0.10
-100	-164.5	57761.9	-46.8	0.13	-100	-79.8	57760.1	-51.0	0.13	-100	6.6	57793.9	-41.3	0.10
-100	-163.2	57761.3	-45.7	0.09	-100	-78.6	57760.2	-38.4	0.11	-100	7.9	57787.9	-42.2	0.09
-100	-161.8	57760.8	-44.2	0.08	-100	-77.4	57753.2	-50.8	0.10	-100	9.2	57780.7	-46.0	0.08
-100	-160.5	57760.5	-46.8	0.09	-100	-76.2	57750.8	-47.0	0.10	-100	10.5	57774.1	-51.8	0.10
-100	-159.2	57758.5	-43.0	0.10	-100	-75.0	57751.6	-27.8	0.08	-100	11.8	57778.4	-41.7	0.10
-100	-157.9	57755.7	-38.4	0.08	-100	-73.6	57747.6	-32.1	0.08	-100	13.2	57779.8	-41.7	0.09
-100	-156.6	57749.6	-44.1	0.13	-100	-72.2	57742.1	-46.4	0.10	-100	14.5	57778.9	-48.2	0.10
-100	-155.3	57750.0	-44.6	0.08	-100	-70.8	57741.1	-54.6	0.16	-100	15.8	57781.4	-43.6	0.10
-100	-153.9	57749.4	-47.4	0.12	-100	-69.4	57742.0	-51.9	0.10	-100	17.1	57781.1	-42.4	0.08
-100	-152.6	57749.5	-46.0	0.08	-100	-68.1	57747.6	-42.7	0.10	-100	18.4	57784.0	-40.8	0.08
-100	-151.3	57752.8	-30.7	0.08	-100	-66.7	57748.7	-39.1	0.10	-100	19.7	57781.0	-48.0	0.10
-100	-150.0	57754.1	-26.8	0.10	-100	-65.3	57747.9	-47.1	0.08	-100	21.1	57781.3	-45.4	0.09
-100	-148.8	57751.5	-37.1	0.10	-100	-63.9	57748.2	-51.1	0.09	-100	22.4	57781.4	-42.7	0.09
-100	-147.6	57747.9	-51.0	0.09	-100	-62.5	57751.6	-46.2	0.09	-100	23.7	57777.0	-48.9	0.11
-100	-146.4	57745.1	-51.9	0.08	-100	-61.1	57750.7	-41.1	0.08	-100	25.0	57782.7	-29.9	0.09
-100	-145.2	57745.5	-54.7	0.12	-100	-59.7	57746.2	-48.7	0.09	-100	26.1	57779.0	-42.4	0.11
-100	-144.0	57780.8	12.9	0.13	-100	-58.3	57739.5	-59.5	0.08	-100	27.3	57777.4	-48.4	0.09
-100	-142.9	57754.4	-41.7	0.09	-100	-56.9	57745.5	-49.6	0.09	-100	28.4	57781.5	-39.8	0.10
-100	-141.7	57753.3	-42.8	0.09	-100	-55.6	57748.4	-44.9	0.09	-100	29.5	57781.0	-42.5	0.09
-100	-140.5	57751.8	-45.7	0.09	-100	-54.2	57749.5	-44.2	0.09	-100	30.7	57782.4	-40.4	0.08
-100	-139.3	57749.6	-46.1	0.11	-100	-52.8	57747.6	-40.9	0.09	-100	31.8	57779.6	-43.7	0.08
-100	-138.1	57748.2	-51.0	0.11	-100	-51.4	57752.0	-30.8	0.10	-100	33.0	57779.7	-45.1	0.07
-100	-136.9	57749.2	-48.5	0.10	-100	-50.0	57753.3	-28.6	0.07	-100	34.1	57780.2	-44.6	0.08
-100	-135.7	57750.6	-42.5	0.09	-100	-48.7	57754.2	-31.4	0.08	-100	35.2	57782.3	-42.3	0.08
-100	-134.5	57750.0	-42.3	0.15	-100	-47.4	57749.3	-47.3	0.07	-100	36.4	57780.5	-48.3	0.12
-100	-133.3	57753.5	-48.8	0.10	-100	-46.1	57751.6	-42.5	0.08	-100	37.5	57781.4	-49.7	0.09
-100	-132.1	57757.2	-45.2	0.10	-100	-44.7	57754.7	-45.9	0.10	-100	38.6	57786.0	-34.2	0.10
-100	-131.0	57762.1	-45.1	0.10	-100	-43.4	57754.6	-52.9	0.12	-100	39.8	57783.0	-47.1	0.15
-100	-129.8	57764.8	-43.1	0.08	-100	-42.1	57765.5	-47.7	0.09	-100	40.9	57782.6	-41.6	0.09
-100	-128.6	57766.6	-38.6	0.08	-100	-40.8	57770.1	-47.5	0.09	-100	42.0	57785.5	-41.3	0.09
-100	-127.4	57765.7	-41.1	0.11	-100	-39.5	57769.0	-45.2	0.10	-100	43.2	57786.5	-40.6	0.08
-100	-126.2	57766.6	-29.9	0.08	-100	-38.2	57770.0	-46.5	0.10	-100	44.3	57786.4	-41.1	0.08
-100	-125.0	57765.1	-27.4	0.09	-100	-36.8	57770.8	-45.4	0.13	-100	45.5	57787.0	-43.1	0.09
-100	-123.8	57757.5	-35.4	0.15	-100	-35.5	57769.6	-50.2	0.08	-100	46.6	57787.6	-47.0	0.09

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
-100	47.7	57789.4	-35.4	0.10	-100	111.8	57791.8	-36.0	0.08	100	-26.4	57758.0	-42.1	0.08
-100	48.9	57791.3	-28.1	0.08	-100	113.2	57787.1	-43.0	0.08	100	-25.0	57783.6	-25.5	0.08
-100	50.0	57790.5	-30.4	0.07	-100	114.7	57798.0	-41.3	0.11	100	-25.0	57761.3	-36.9	0.12
-100	50.6	57785.4	-49.1	0.08	-100	116.2	57798.7	-46.8	0.08	100	-23.5	57763.3	-23.5	0.07
-100	51.3	57786.3	-47.4	0.09	-100	117.6	57807.8	-40.5	0.08	100	-23.4	57773.9	-54.6	0.09
-100	51.9	57788.6	-47.4	0.10	-100	119.1	57814.5	-39.1	0.08	100	-22.1	57758.5	-41.3	0.07
-100	52.5	57791.6	-44.7	0.09	-100	120.6	57824.0	-36.4	0.13	100	-21.9	57781.7	-38.1	0.08
-100	53.1	57793.6	-45.1	0.09	-100	122.1	57842.6	-27.9	0.08	100	-20.6	57761.4	-41.7	0.08
-100	53.8	57788.2	-46.2	0.08	-100	123.5	57852.6	-37.1	0.08	100	-20.3	57780.4	-49.5	0.08
-100	54.4	57784.7	-50.6	0.08	-100	125.0	57875.2	-15.7	0.08	100	-19.1	57761.3	-41.3	0.08
-100	55.0	57785.4	-42.3	0.10	-100	126.5	57890.7	-18.2	0.09	100	-18.8	57782.0	-40.7	0.09
-100	55.6	57783.4	-43.2	0.10	-100	127.9	57905.1	-19.7	0.09	100	-17.6	57764.2	-32.9	0.11
-100	56.3	57778.5	-43.0	0.11	-100	129.4	57920.5	-20.3	0.08	100	-17.2	57783.0	-44.2	0.09
-100	56.9	57748.1	-99.7	0.16	-100	130.9	57933.1	-16.8	0.08	100	-16.2	57758.2	-44.9	0.09
-100	57.5	57776.4	-42.4	0.11	-100	132.4	57949.0	-15.7	0.08	100	-15.6	57785.7	-39.7	0.09
-100	58.1	57769.7	-71.8	0.30	-100	133.8	57958.8	-3.4	0.08	100	-14.7	57757.4	-41.5	0.09
-100	58.8	57775.2	-42.9	0.14	-100	135.3	57953.1	-20.4	0.08	100	-14.3	57785.8	-20.7	0.07
-100	59.4	57776.4	-34.7	0.16	-100	136.8	57943.0	-20.3	0.08	100	-14.1	57758.1	-97.9	0.14
-100	60.0	57774.7	-46.8	0.14	-100	138.2	57930.2	-24.4	0.08	100	-13.2	57764.0	-31.0	0.08
-100	60.6	57778.6	-43.3	0.10	-100	139.7	57920.4	-17.7	0.07	100	-12.5	57786.5	-46.4	0.10
-100	61.3	57786.7	-37.0	0.13	-100	141.2	57908.2	-28.8	0.07	100	-11.8	57766.6	-36.1	0.08
-100	61.9	57784.3	-39.5	0.13	-100	142.6	57894.7	-25.1	0.08	100	-10.9	57789.7	-42.1	0.11
-100	62.5	57782.0	-34.9	0.12	-100	144.1	57873.1	-84.7	0.09	100	-10.3	57766.8	-48.7	0.10
-100	63.1	57778.1	-36.4	0.09	-100	145.6	57855.6	-29.4	0.12	100	-9.4	57784.6	-50.6	0.09
-100	63.8	57776.2	-32.7	0.09	-100	147.1	57836.1	-44.5	0.08	100	-8.8	57770.6	-43.6	0.09
-100	64.4	57772.5	-40.7	0.09	-100	148.5	57826.9	-22.3	0.08	100	-7.8	57785.0	-48.7	0.12
-100	65.0	57774.0	-36.3	0.09	-100	150.0	57812.6	-33.0	0.13	100	-7.4	57772.5	-50.7	0.08
-100	65.6	57770.3	-37.1	0.08	-100	151.3	57801.8	-31.0	0.08	100	-6.3	57785.3	-48.3	0.10
-100	66.3	57767.4	-48.6	0.12	-100	152.6	57791.6	-30.4	0.08	100	-5.9	57775.6	-49.2	0.10
-100	66.9	57764.2	-41.0	0.12	-100	153.9	57777.4	-40.4	0.07	100	-4.7	57785.9	-34.3	0.09
-100	67.5	57768.3	-29.5	0.09	-100	155.3	57766.8	-44.0	0.07	100	-4.4	57778.9	-33.1	0.07
-100	68.1	57765.6	-37.0	0.11	-100	156.6	57760.1	-40.8	0.07	100	-3.6	57783.5	-25.8	0.07
-100	68.8	57764.2	-40.2	0.09	-100	157.9	57755.5	-34.0	0.07	100	-3.1	57785.9	-39.6	0.08
-100	69.4	57764.2	-42.7	0.09	-100	159.2	57747.9	-31.4	0.07	100	-2.9	57781.7	-37.3	0.07
-100	70.0	57762.5	-43.2	0.10	-100	160.5	57743.4	-37.1	0.07	100	-1.6	57786.7	-40.6	0.08
-100	70.6	57761.4	-47.8	0.09	-100	161.8	57739.9	-37.3	0.08	100	-1.5	57783.0	-28.9	0.12
-100	71.3	57762.9	-43.7	0.09	-100	163.2	57738.3	-34.1	0.08	100	0.0	57790.6	-23.5	0.08
-100	71.9	57762.5	-45.2	0.09	-100	164.5	57738.6	-34.1	0.07	100	0.0	57783.5	-25.1	0.09
-100	72.5	57763.9	-41.4	0.09	-100	165.8	57740.2	-34.3	0.07	100	1.7	57781.3	-52.9	0.08
-100	73.1	57761.0	-50.7	0.08	-100	167.1	57737.9	-35.6	0.08	100	1.8	57779.1	-39.3	0.08
-100	73.8	57764.3	-43.1	0.08	-100	168.4	57739.0	-30.1	0.08	100	3.3	57790.3	-22.1	0.07
-100	74.4	57768.3	-30.5	0.07	-100	169.7	57744.2	-30.7	0.08	100	3.6	57784.1	-27.9	0.08
-100	75.0	57770.1	-23.8	0.08	-100	171.1	57741.2	-35.4	0.10	100	5.0	57787.6	-26.3	0.07
-100	76.3	57772.5	-41.9	0.08	-100	172.4	57746.7	-28.3	0.15	100	5.4	57783.3	-41.3	0.07
-100	77.6	57769.3	-44.5	0.09	-100	173.7	57751.9	-16.9	0.07	100	6.7	57787.5	-23.5	0.08
-100	78.9	57770.3	-43.2	0.09	-100	175.0	57751.9	-18.7	0.07	100	7.1	57781.5	-40.2	0.08
-100	80.3	57769.8	-43.8	0.08	-100	176.8	57752.7	-23.6	0.07	100	7.1	57781.8	-39.7	0.08
-100	81.6	57766.0	-51.4	0.10	-100	178.7	57750.7	-28.3	0.07	100	8.3	57781.7	-44.3	0.09
-100	82.9	57764.5	-53.9	0.08	-100	180.5	57753.9	-29.4	0.07	100	8.9	57784.7	-38.6	0.10
-100	84.2	57762.4	-53.0	0.09	-100	182.3	57761.3	-22.1	0.09	100	10.0	57779.7	-45.7	0.09
-100	85.5	57760.6	-50.1	0.09	-100	184.2	57764.9	-20.7	0.10	100	10.7	57788.4	-35.7	0.08
-100	86.8	57761.8	-40.8	0.08	-100	186.0	57762.5	-30.5	0.17	100	11.7	57771.0	-67.8	0.09
-100	88.2	57763.6	-33.7	0.08	100	-50.0	57762.9	-22.7	0.07	100	12.5	57786.9	-41.4	0.09
-100	89.5	57760.2	-42.7	0.08	100	-48.6	57755.2	-39.5	0.10	100	13.3	57782.0	-34.7	0.08
-100	90.8	57764.8	-41.7	0.11	100	-47.2	57752.9	-45.8	0.09	100	14.3	57788.8	-40.7	0.08
-100	92.1	57761.3	-47.0	0.08	100	-45.8	57750.9	-49.8	0.10	100	15.0	57783.0	-25.3	0.07
-100	93.4	57762.4	-44.6	0.08	100	-44.4	57754.1	-45.9	0.10	100	16.1	57789.1	-38.8	0.07
-100	94.7	57759.7	-51.0	0.08	100	-43.1	57753.1	-44.5	0.08	100	16.7	57783.7	-22.7	0.07
-100	96.1	57760.8	-50.9	0.07	100	-41.7	57751.5	-51.1	0.09	100	17.9	57777.9	-43.1	0.14
-100	97.4	57760.8	-47.8	0.08	100	-40.3	57749.7	-55.9	0.09	100	17.9	57789.3	-39.9	0.11
-100	98.7	57760.9	-45.1	0.08	100	-38.9	57749.9	-53.2	0.09	100	18.3	57776.5	-41.1	0.07
-100	100.0	57770.5	-20.3	0.09	100	-37.5	57760.6	14.0	0.13	100	19.6	57788.0	-38.2	0.08
-100	101.5	57765.8	-45.5	0.13	100	-36.1	57749.0	-55.8	0.09	100	20.0	57775.3	-44.1	0.08
-100	102.9	57770.2	-44.1	0.09	100	-34.7	57752.4	-47.3	0.09	100	21.4	57786.6	-32.4	0.09
-100	104.4	57768.9	-46.8	0.13	100	-33.3	57755.7	-48.2	0.12	100	21.7	57776.0	-40.8	0.08
-100	105.9	57770.4	-46.3	0.09	100	-31.9	57759.1	-45.1	0.08	100	23.2	57784.5	-49.2	0.08
-100	107.4	57771.9	-51.4	0.09	100	-30.6	57729.4	-108.7	0.11	100	23.3	57773.4	-47.9	0.09
-100	108.8	57780.9	-39.5	0.08	100	-29.2	57759.5	-44.2	0.07	100	25.0	57773.0	-45.0	0.12
-100	110.3	57791.4	-30.4	0.08	100	-27.8	57760.2	-38.9	0.08	100	25.0	57790.4	-27.8	0.07

East	North	nT	Grad	Noise	East	North	nT	Grad	Noise	East	North	nT	Grad	Noise
100	26.8	57791.1	-23.1	0.07	100	135.9	57713.6	-25.5	0.08					
100	28.6	57789.1	-13.3	0.13	100	137.5	57712.4	-35.8	0.07					
100	28.6	57780.9	-54.3	0.08	100	139.1	57716.7	-39.4	0.07					
100	30.4	57778.1	-57.8	0.10	100	140.6	57723.0	-36.5	0.07					
100	32.1	57777.2	-58.3	0.09	100	142.2	57724.2	-32.5	0.08					
100	33.9	57782.1	-43.2	0.08	100	143.8	57718.2	-38.5	0.07					
100	35.7	57782.1	-40.2	0.07	100	145.3	57714.3	-44.1	0.11					
100	37.5	57779.7	-45.6	0.07	100	146.9	57714.2	-39.4	0.09					
100	39.3	57785.7	-16.3	0.10	100	148.4	57719.8	-25.9	0.09					
100	39.3	57780.5	-37.5	0.07	100	150.0	57724.1	-22.7	0.13					
100	41.1	57779.1	-36.5	0.07										
100	42.9	57778.2	-39.2	0.08										
100	44.6	57776.3	-40.6	0.08										
100	46.4	57776.0	-39.1	0.08										
100	48.2	57777.4	-34.9	0.10										
100	50.0	57777.6	-29.9	0.08										
100	50.0	57776.1	-35.7	0.17										
100	51.6	57771.4	-53.0	0.09										
100	53.1	57771.1	-54.7	0.10										
100	54.7	57770.1	-59.0	0.10										
100	56.3	57773.8	-49.5	0.10										
100	57.8	57780.0	-45.8	0.08										
100	59.4	57778.6	-52.5	0.08										
100	60.9	57785.2	-49.6	0.08										
100	62.5	57794.7	-45.4	0.09										
100	64.1	57805.2	-39.6	0.08										
100	65.6	57816.7	-47.1	0.09										
100	67.2	57839.5	-31.6	0.09										
100	68.8	57848.0	-57.6	0.11										
100	70.3	57855.8	-49.9	0.10										
100	71.9	57886.2	-37.9	0.13										
100	73.4	57939.9	-22.7	0.09										
100	75.0	57997.1	-2.7	0.15										
100	76.7	58052.2	28.0	0.10										
100	78.3	58073.7	-1.6	0.11										
100	80.0	58060.9	-8.0	0.10										
100	81.7	58025.5	-25.7	0.10										
100	83.3	57992.3	-35.2	0.15										
100	85.0	57980.2	-41.0	0.10										
100	86.7	57962.9	-50.5	0.10										
100	88.3	57997.2	-24.9	0.10										
100	90.0	58042.0	3.1	0.12										
100	91.7	58080.9	25.9	0.11										
100	93.3	58071.3	-2.3	0.12										
100	95.0	58015.5	-5.6	0.08										
100	96.7	57928.2	-59.1	0.10										
100	98.3	57868.5	-55.4	0.09										
100	100.0	57839.2	-53.9	0.10										
100	101.7	57822.3	-35.0	0.11										
100	103.3	57809.8	-44.8	0.09										
100	105.0	57799.1	-45.3	0.09										
100	106.7	57796.2	-29.9	0.09										
100	108.3	57778.8	-35.9	0.10										
100	110.0	57754.6	-58.1	0.09										
100	111.7	57735.1	-46.2	0.10										
100	113.3	57717.6	-52.6	0.08										
100	115.0	57724.7	-9.9	0.10										
100	116.7	57699.2	-53.9	0.08										
100	118.3	57702.6	-50.3	0.07										
100	120.0	57705.3	-48.5	0.09										
100	121.7	57706.1	-50.8	0.08										
100	123.3	57707.6	-59.2	0.08										
100	125.0	57722.1	-28.4	0.07										
100	126.6	57737.0	-16.5	0.07										
100	128.1	57734.0	-31.6	0.11										
100	129.7	57699.3	-58.3	0.07										
100	131.3	57692.0	-49.8	0.08										
100	132.8	57691.5	-47.8	0.07										
100	134.4	57703.6	-39.4	0.09										

APPENDIX V

MAGNETOMETER / GRADIOMETER INSTRUMENT SPECIFICATIONS

Reference Information

ENVI-MAG Technical Specifications

Total field range:	20,000 to 100,000 nT
Total field absolute accuracy:	+/-1 nT
Sensitivity:	0.1 nT at 2 second reading time, reduced at other reading times.
Sensor spacing: (Gradiometer)	0.5 metre
Tuning:	Fully solid state. Manual or automatic; keyboard selectable.
Reading period:	0.5 s 1 s 2 s
Cycle time: (Base Station)	**Internal**: The minimum is determined by the reading period, max. 9999 s, in 1 s intervals. **External**: Any, as long as it exceeds the reading period and is initiated by a command at the RS-232 interface.
Cycle delay:	The minimum is determined by the reading (WALKMAG) period; max. 8 s, in 1 ms intervals.

Display:	8 lines by 40 characters, 64 x 240 dots. Super-twist LCDisplay, with heater.
Keyboard:	17 keys, membrane type. Main mode is Function Key; secondary mode is Alpha-numeric.
Note Entry:	32 characters, and 5 user pre-defined MACROs of 15 characters each, for quick-entry.
Audio:	Beeper to acknowledge key-press, start of reading to act as a pacer.
Clock:	Real time clock with date and time. 1 second resolution and +/- 1 second stability over 12 hours.
Data memory:	See table below.

Mode	Standard	Expanded
Base Station:	143,000 rdgs.	748,000 rdgs.
Portable mode	26,000 rdgs.	139,000 rdgs.
Gradiom. mode	20,000 rdgs.	108 000 rdgs.
WALKMAG (Tot.)	36,000 rdgs.	188,000 rdgs.*
WALKGRAD (Grad.)	26,000 rdgs.	135,000 rdgs.

Data presentation:	Present and three previous readings in numerical form. Up to 178 readings in graphic form. Display shifts ½ screen when full.
Data output interface:	RS-232C interface, 600 to 57600 Baud, 7 or 8 data bits, 1 start, 1 stop bit, no parity format. Selectable carriage return delay (0-999 ms) to accomodate slow peripherals. Handshaking is done by X-On/X-Off.
Data output format:	Data dump of all aquired data in memory or on a mode by mode and line by line basis in XYZ or printer listing format. Separate dump for "Notes".

Analog output:	0 to 999 mV full scale output voltage with keyboard selectable range of 1, 10, 100, 1000 or 10000 nT full scale.
Data recall:	On the LC Display in graphic format. Based on time for the base station, on line and station basis for other modes. Bi-directional scan.
Power supply:	12 V at 0.65 A for magnetometer. 1.2 A for gradiometer. 2.3 Ah Lead-acid battery. Approximate battery life is 40000 readings as a WALKMAG at 25 degree C. External input for base station operation.
Battery charger:	110 V - 230 V 50/60 Hz
Environmental range:	Minus 40 to plus 60 degree C. Humidity 0 -100% Fully sealed. Easy to exchange desiccant cartridge.
Console dimensions:	250 mm x 152 mm x 55 mm 300 mm x 152 mm x 82 mm overall.
Console weight:	2.45 kg
Sensor dimensions:	70 mm diameter x 140 mm 70 mm diameter x 175 mm overall, total field. 70 mm diameter x 675 mm overall, gradiometer.
Sensor weight:	1.0 kg total field; 1.15 kg gradiometer.
Staff dimensions:	25 mm diameter x 2 m in 4 sections.
Staff weight:	0.8kg

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W0080.00092
Assessment Files Research Imaging

32E04SW2002 2.20118 STEELE 900

subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, ssesment work and correspond with the mining land holder. Questions about this orthern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury,

Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name J.D. HORNE & ASSOCIATES LTD.	Client Number 303527
Address 12 GOVERNMENT ROAD WEST - SUITE #3	Telephone Number 705 567 4511
KIRKLAND LAKE, ON P2N 2E2	Fax Number 705 567 4522
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs) | Physical: drilling stripping, trenching and associated assays | Rehabilitation

Work Type MAG, GRAD PROSPECTING / GEOLOGY MECHANIZED STRIPPING SAMPLING		Office Use
		Commodity
		Total $ Value of Work Claimed 21,325
Dates Work Performed From Day 07 Month MAY Year 99 To Day 26 Month FEB Year 00		NTS Reference
Global Positioning System Data (if available)	Township/Area STEELE TWP	Mining Division Larder Lake
	M or G-Plan Number G-3571	Resident Geologist District Kirkland Lake

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

2.20128

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name CARDINAL EXPLORATION SERVICES	Telephone Number 705 567 4511
Address 12 GOVT. ROW, KIRKLAND LAKE, ON P2N 2E2	Fax Number 705 567 4522
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, JOSIAH D. HORNE (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent Josiah D. Horne		Date FEB 28, 2000
Agent's Address KIRKLAND LAKE, ON	Telephone Number 705 567 4511	Fax Number 705 567 4522

0241 (03/97)

RECEIVED
LARDER LAKE
MINING DIVISION
FEB 28 2000

2.40 cp

RECEIVED
FEB 29 2000
GEOSCIENCE ASSESSMENT OFFICE

Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining nd where work was performed, at the time work was performed. A map showing the contiguous link must accompany this rm.

WC080.00092

ining Claim Number. Or if ork was done on other eligible ining land, show in this olumn the location number dicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
)	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
)	1234567	12	0	$24,000	0	0
)	1234568	2	$ 8,892	$ 4,000	0	$4,892
	1213780	3	$14,717	$2,400	Ø	$12,317
	1214666	2	1,786	1,600	Ø	186
	1227134	1	1,757	800	Ø	957
	1206114	6	3,065	Ø	Ø	3,065
0						
1						
2						
3						
4						
5						
	Column Totals	12	$21,325	4,800	Ø	$16,525

JOSEPH D. HORNE (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
	FEB 28, 2000

6. Instruction for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☑ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

PLEASE NOTIFY

RECEIVED
FEB 29 2000
GEOSCIENCE ASSESSMENT OFFICE

2.20118

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

RECEIVED
LARDER LAKE
MINING DIVISION
FEB 28 2000
2:40 PM

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W0080.00092

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
LINE CUTTING	11.500 KMS	$300.-	$3450.-
HIGH-DENSITY MAG/GRAD	8.864 KMS	$120.-	1,063.68
PROSPECTING	5 DAYS	150.-	750.-
GEOLOGICAL MAPPING	5 DAYS	250.-	1,250.-
MECHANIZED STRIPPING	5 DAYS/40 HRS	64.20/HR	2,568.-
STRIPPING SUPERVISION	5 DAYS	200.-	1,000.-
POWER WASHING	4 DAYS	200.-	800.-
TEST-HOLE SAMPLE COLLECTION	4 DAYS	200.-	800.-
Associated Costs (e.g. supplies, mobilization and demobilization).			
GRID ORIENTATION	1 DAY	200.-	200.-
CONTRACT LABOUR	10 DAYS	100.-	1000.-
REPORT/MAP PREPARATION	5 DAYS	250.-	1,250.-
PUMP (ETC.) RENTAL	5 DAYS	85.60	428.-
PLUGGER (ET AL) RENTAL	2 DAYS	50.-	100.-
SAMPLE ANALYSIS	35 SAMPLES	40.68	1,423.68
FIELD CONSUMABLES			480.24
MISC. SUPPLIES			445.17
Transportation Costs			
TRUCK TRAVEL	10,267.7 KMS	0.30	3,080.31
Food and Lodging Costs	→		1,235.20
Total Value of Assessment Work			$21,325.49

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit. 2.2018
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

RECEIVED
FEB 28 2000
GEOSCIENCE ASSESSMENT OFFICE

Certification verifying costs:

I, JOSEPH D. HORNE (please print full name), do hereby certify that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as AGENT (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

RECEIVED
LARDER LAKE
MINING DIVISION
FEB 28 2000
2:40 PM

Signature	Date
Joseph D. Horne	FEB 28, 2000

0212 (03/97)

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9845
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

May 30, 2000

J. D. HORNE & ASSOCIATES LTD.
12 GOVERNMENT ROAD WEST
SUITE 3
KIRKLAND LAKE, ON
P2N-2E2

Dear Sir or Madam:

Submission Number: 2.20118

Subject: Transaction Number(s):		**Status**
	W0080.00092	Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact BRUCE GATES by e-mail at bruce.gates@ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,

Steven B. Beneteau

ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 14922
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.20118

Date Correspondence Sent: May 30, 2000 **Assessor:** BRUCE GATES

General Comment:
Please note the requirements of section 8 of the Assessment Work Regulation for future submissions of prospecting on CROWN land.

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0080.00092	1213780	STEELE	Deemed Approval	May 29, 2000

Section:
14 Geophysical MAG
12 Geological GEOL
9 Prospecting PROSP
10 Physical PSTRIP
10 Physical PMAN

Next time include a detailed map of the areas stripped showing the nature of rocks and mineralization exposed, as per section 10(2) of the Assessment Work Regulation.

Correspondence to:
Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
J. D. HORNE & ASSOCIATES LTD.
KIRKLAND LAKE, ON

Correspondence ID: 14922

CASE TWP.

PLINY TWP.

PURVIS TWP.

SCAPA TWP

BONIS TWP M.421

CASE LAKE

1206115

1214666

1213780

1235916

1235918

1235917

1235919

1235921

1206114

1235923

1235920

1235925

1235922

1235924

1235926

2.20118

MAG

GEOL

PROSP

PSTRIP

PMAN

1236887

1236886

1236885

1236884

MACE

WEST MACE BAY

MACE BAY

MACE STA

FORKS

NORTHEAST BAY

LAKE ABITIBI

LEGEND

HIGHWAY AND ROUTE No.
OTHER ROADS
TRAILS
SURVEYED LINES
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC.
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON-PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" , SURFACE RIGHTS ONLY	
" , MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	L.O. or
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	

SCALE: 1 INCH 40 CHAINS

0 1000 3000 4000 6000 8000
METRES 0 200 1000 2000
(1 KM) (2 KM)

R --- NOT OPEN FOR STAKING- SEC. 30(P) MINING ACT- OPP TOWER SITE

(R) SEC.35 W-LL-P1622/99 ONT. MAY 17/99 M&S (CONSISTS OF ALL ISLANDS WITHIN LAKE ABITIBI)

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

TOWNSHIP

STEELE

M.N.R. ADMINISTRATIVE DISTRICT
COCHRANE

MINING DIVISION
LARDER LAKE

LAND TITLES / REGISTRY DIVISION
COCHRANE

Ontario Ministry of Natural Resources
Ministry of Northern Development and Mines

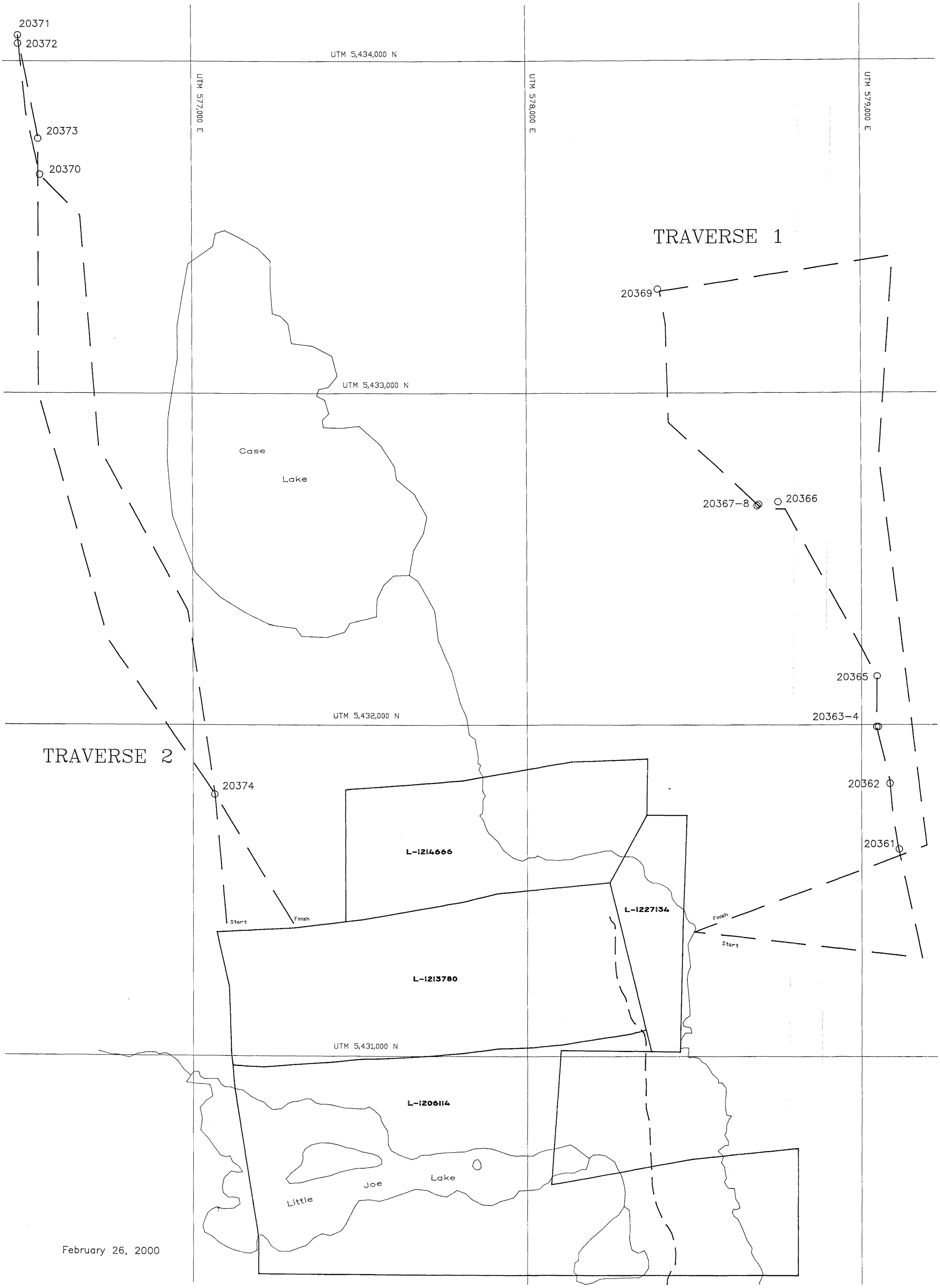
Date

Number
G-3571

32E04SW2002 2.20118 STEELE 200

MAP 6
Regional Prospecting

Scale 1 : 5,000



February 26, 2000

MAP 7
Geology, Stripping & Sample Locations

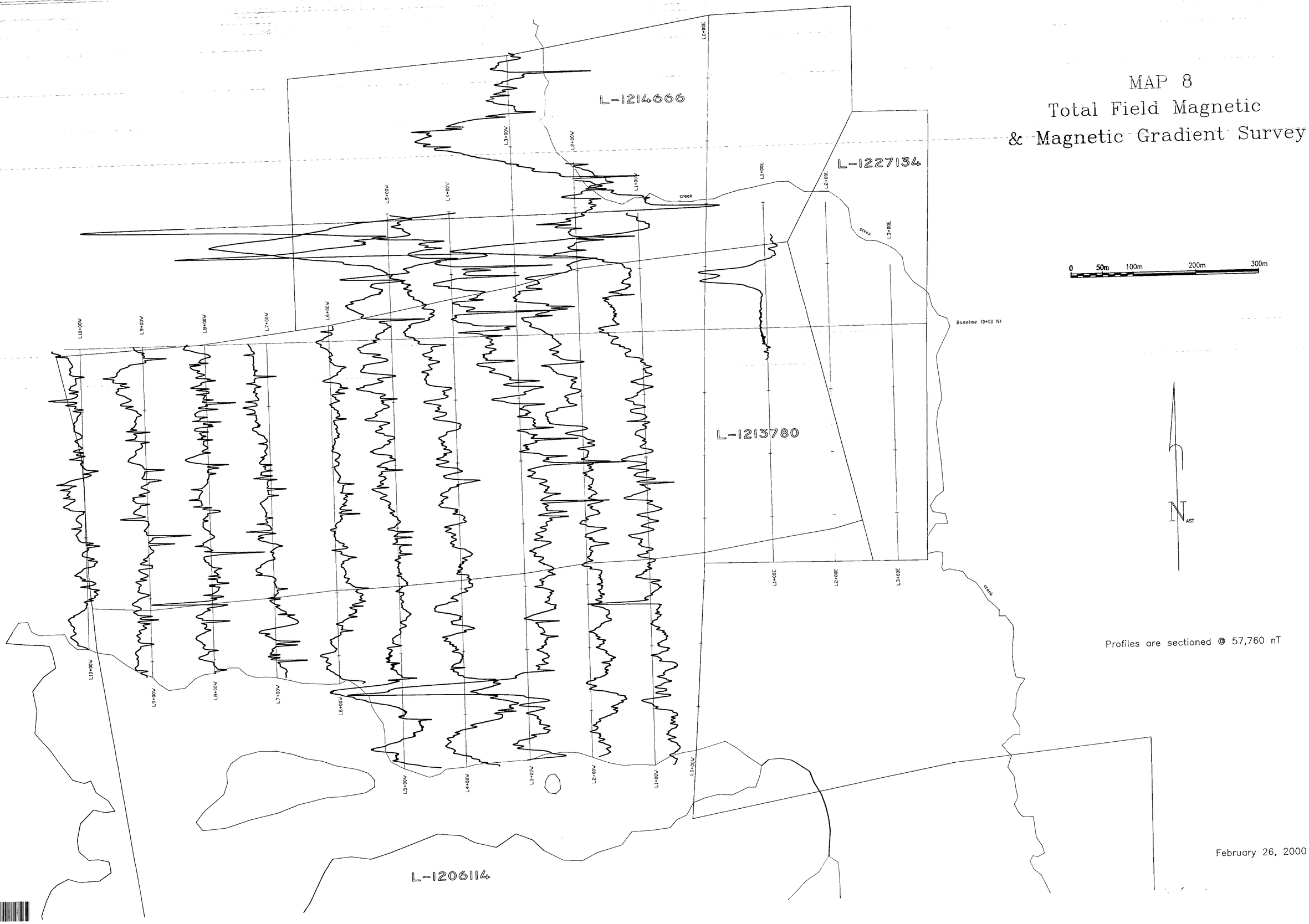
0 50m 100m 200m 300m

LEGEND

- Outcrop
- p Pegmatite
- g Granodiorite / Quartz Monzonite
- s Metasediment
- 75° Strike/Dip
- Geological Contact – Observed
- Geological Contact – Assumed
- Survey Pin
- Claim Post
- 20376 Sample Location & Tag #
- Trench / Pit
- D Stripped Area (referenced in Report)
- Diamond Drill Hole Collar
- Trail
- Swamp
- Knoll / Higher Ground

February 26, 2000

MAP 8
Total Field Magnetic
& Magnetic Gradient Survey



0 50m 100m 200m 300m

N AST

Profiles are sectioned @ 57,760 nT

February 26, 2000