

Wigwam 1 Mineral Claim
2005 Geological and Geophysical
Assessment Report

Wigwam 1 Mineral Claim
Fort Steele Mining Division
NTS: 82G/3E and 6E
Lat.: 115° 06' W
Long: 49° 15' N
Owner/Operator: Morris Geological Co. Ltd.
Author: R.J. Morris
January 16, 2006

GEOLOGICAL SURVEY BRANCH
TECHNICAL REPORT

28,064

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Introduction

This report presents the findings of prospecting and geophysical work completed on the Wigwam 1 claim during the period 15 May 2005 to 16 January 2006. The author carried out the prospecting, while the geophysical work was completed by Meg Systems Ltd. of Calgary.

Property Description

The Wigwam 1 claim was staked between the 18th and 21st of Oct. 1999 by the author. The claim represents a twenty-unit block immediately to the northwest of the mouth of the Wigwam River, south of the town of Elko, B.C.

**Table 1: Wigwam 1
Claim Status**

Claim Name	Tenure Number	Number of Units	Expiry Date*
Wigwam 1	372755	20	21 October 2006

**Note: Mineral Claim Exploration and Development Work/Expiry Date Change, filed 20 October 2005, Event No. 4052209*

Location

The claim is four kilometres south of the town of Elko, or one kilometre south of the Tembec saw mill, along the west bank of the Elk River, Figure 1.

Access

The claims can be accessed from Highway 93 by driving south 3.7km from the turnoff near Elko, and turning east onto the "Backroad" to the Tembec mill. One-half of a kilometre along the "Backroad" is the turnoff to a regional transfer station (disposal site). Approximately 100m east of this road, and 30m south of "Backroad" will take you close to the legal corner post of Wigwam 1, Figure 2.

History

There are several Minfile occurrences noted in the immediate area, although there is no sign, in the field, of any recent work having been done.

Höy and Carter (1988; Figure 3) show five occurrences, numbers 129 to 133, to be within or very close to the claim.

1. **#129 Silver King**, which is #28 in Minfile.
2. **#130 Ramshorn**, which is #10 in Minfile.
3. **#131 Leah**, which is #29 in Minfile.
4. **#132 Jennie**, which is #11 in Minfile.
5. **#133 Sweet May**, which is #12 in Minfile.

The revised mineral inventory map, 82G/SW (MI) shows five mineral occurrences within or near the claim, including:

1. **#10 Ramshorn**, is a copper occurrence. The location of this occurrence is known to be within 1,000 feet and 2 miles (BC 19?, the map shows no date). Chalcopyrite, azurite, pyrite occur within a 0.5m quartz vein. Along one margin of the vein a talcose (chlorite?) gouge seam about two centimeters thick contains

copper oxide minerals. Sills of Purcell diorite are reported in the vicinity and may have some relationship to the mineralization (Minfile, 1988).

2. **#11 Jennie**, is a copper occurrence. The location of this occurrence is known to be within 1,000 feet and 2 miles (BC 19?). The Sweet May and Jennie occurrences are within a few hundred metres of each other on Sheep Mountain, six kilometres south of Elko. Development took place at the turn of the century, but was not long lived. The showings occur in shear zones adjacent to both contacts of a ten metre thick K-feldspar porphyry sill. Bedding in Purcell-age Gateway Formation carbonates is vertical and trends north south. Both showings consist of scattered blebs of chalcopyrite in thin quartz veins. In general Sheep Mountain is host to many small quartz veins, some of which contain sulphide minerals (Grieve, 1979).
3. **#12 Sweet May**, is a copper occurrence. The location of this occurrence is known to be within 1,000 feet and 2 miles (BC 19?). The Sweet May and Jennie occurrences are within a few hundred metres of each other on Sheep Mountain, six kilometres south of Elko. Development took place at the turn of the century, but was not long lived. The showings occur in shear zones adjacent to both contacts of a ten metre thick K-feldspar porphyry sill. Bedding in Purcell-age Gateway Formation carbonates is vertical and trends north south. Both showings consist of scattered blebs of chalcopyrite in thin quartz veins. In general Sheep Mountain is host to many small quartz veins, some of which contain sulphide minerals (Grieve, 1979).
4. **#28 Silver King**, is a copper occurrence. The location of this occurrence is known to be within a radius of 1,000 feet (BC 19?). This property comprises two claims on the east bank of the Elk River, three miles south of Elko. The mineral occurrence consists of a few narrow scattered quartz stringers containing minor amounts of pyrrhotite and chalcopyrite in quartzite bands exposed below high-water level. The quartzite bands, which in places are well mineralized with fine disseminated pyrite, alternate with bands of highly sheared argillite. The formation is Precambrian in age. Insufficient ore mineralization is evident to warrant further work (Merrett, 1957).
5. **#29 Leah**, is a lead, silver occurrence. The location of this occurrence is known to be within a radius of 1,000 feet (BC 19?). Six mineral claims on the summit and south slope of Sheep Mountain on the west side of the Elk River, approximately three miles south of Elko. Surface stripping over a wide area has revealed the presence of a number of parallel quartz veins and has disclosed one narrow vein, up to 7cm wide, reportedly carrying good silver-lead values over an exposed length of 30m (Merrett, 1954). Several widely scattered open-cuts have disclosed narrow vertical quartz veins of east-west strike and undetermined length in quartzite, closely paralleling Purcell diorite sills. Rare patches of galena occur within the quartz veins (Merrett, 1957).

The most recent work is an assessment report by the author, dated 13 January 2005.

Scope of Work in 2005

Fieldwork on the claim during this period included six days of mapping, prospecting and sampling. No samples were tested by geochemical analyses. Two days were spent running a preliminary ground magnetometer survey.

As well as the fieldwork, two days were spent reviewing the data and writing the assessment report.

Scope of Work between 1999 and 2004

Sampling between 1999 and 2004 includes 28 rock samples and forty-four soil samples, which were tested using ICP geochemistry.

Fieldwork on the claim during this period includes 17.5 days of mapping, prospecting and sampling. As well as the fieldwork, 13.75 days were spent reviewing and compiling data for the assessment reports.

Geology

Regional Geology

Many authors have summarized the geology of the area but it appears that very little actual field study has taken place. The first geological maps of the area are by Leech (1958) and (1960).

The stratigraphic section of the Proterozoic, for the east side of the Rocky Mountain Trench, as proposed by Höy and Carter (1988) is as follows:

Roosville Formation, green siltstone and argillite, black laminate argillite; stromatolitic dolomite and dark brown oolitic dolomite, quartz arenite toward the top (as shown on Figure 3).

Phillips Formation, maroon micaceous siltstone, quartz wacke and argillite (as shown on Figure 3).

Gateway Formation, dolomite, quartz wacke, siltstone, argillite (as shown on Figure 3).

Upper Gateway is green siltstone, argillite, dolomite.

Lower Gateway is quartz wacke, dolomitic sandstone, stromatolitic dolomite, oolitic dolomite, green siltstone.

Sheppard Formation, sandstone and conglomerate locally at base; dolomitic quartzite, sandstone, oolitic dolomite, stromatolitic dolomite at top (as shown on Figure 3).

Nicol Creek Formation, massive to amygdaloidal basalt to andesitic lava flows, volcanic and feldspathic sandstone, siltite (as shown on Figure 3).

Van Creek Formation, green, mauve laminated siltstone and quartz wacke; minor tuffaceous siltstone at top (as shown on Figure 3).

Kitchener Formation, grey, black dolomite, limestone; green argillite, dolomitic siltstone (as shown on Figure 3).

Upper Kitchener, grey, black dolomite, limestone, molar tooth texture; siltstone, thin quartz.

Lower Kitchener, green, beige siltstone, argillite; dolomitic siltstone.

Creston Formation, green, grey and mauve siltstone, argillite; white, green quartz arenite (not shown on Figure 3).

Upper Creston, siltstone, quartz arenite, argillite (not shown on Figure 3).

Middle Creston, white, green and mauve quartz arenite and siltstone (not shown on Figure 3).

Lower Creston, grey, black argillite-siltstone couplets, siltstone and siliceous argillite, green siltstone (not shown on Figure 3).

Aldridge Formation, quartzite, quartz wacke, siltstone, argillite, silty dolomite (not shown on Figure 3).

Upper Aldridge, rusty weathering argillite and siltstone, thinly laminated (not shown on Figure 3).

Middle Aldridge, grey quartzite, quartz wacke, siltstone; argillite, rusty weathering (not shown on Figure 3).

Lower Aldridge, rusty weathering siltstone and quartzite with interbeds of silty argillite; quartz wacke (not shown on Figure 3).

Fort Steele Formation, white quartzite, grey argillaceous quartzite, argillite, grey, black dolomitic and calcareous argillite (not shown on Figure 3).

Note: Within the map area, strata below the Kitchener Formation are not exposed.

The following discussion applies to the regional maps produced by Leech.

- The north end of the Galton Range, south of the mouth of the Wigwam River, appears to be a normal succession of formations, from the Siyeh Formation (equivalent to the Kitchener/Van Creek/Nicol Creek Formations of Höy and Carter?) near the bottom of the mountains to the Roosevelt Formation at the top. The formations are shown to be folded into a major north trending syncline that is truncated by the Wigwam River.
- North of the Wigwam River, onto the Wigwam flats east of the claim, the syncline is continued with the east side of the Elk River underlain by strata of the Roosevelt Formation dipping gently to the east.
- Strata of the Gateway Formation underlie the west side of the Elk River. The beds are steeply dipping to vertical along the canyon area.
- There are no major faults mapped in the area to explain the changes in attitudes and general structure.

Work by Höy and Carter (1988) is more detailed in that they mapped the maroon colored Phillips Formation trending north/south through the canyon area, Figure 3. They also show a normal fault across the north face of the Galton Range, just to the south of the Wigwam River. This fault is shown to be a splay off of the "Rocky Mountain Trench Fault" and is shown to dip to the southwest. It is my opinion that, considering the changes in elevation across the Wigwam, the fault should have a northeast dip.

Neither of the authors discuss the intense white "clay" (?) alteration along the Elk River canyon nor the changes in attitudes, from east to west, across the Elk River. As well, neither of the authors addresses the intrusive rocks on Sheep Mountain.

Geophysical Survey

A preliminary ground magnetometer survey was completed on the claims during October 2005. Two areas were tested, one area in the southwest corner of the claim, and another in the central eastern part. The ground magnetic survey included 13 lines for a total of 9.1km. The survey was completed using a GSM-19 instrument (by TerraPlus), which measured total intensity of the magnetic field. A base station was used to measure temporal drift.

Grid Layout

The grid layout was oriented North-South with the baseline labeled as 2100N in local coordinates. The grid was located with handheld GPS and the grid conversion to UTM coordinates is listed in Appendix 2. The west grid area was worked on the first day, followed by the east grid area the second day. The survey lines were spaced 50 meters apart, while the stations along the lines were spaced 25 meters apart. Orange flagging marked the station locations. Data was collected along the lines at a spacing of 12.5 meters, so the locations of the middle distances would be approximated visually. The West Grid area has 4.8km of survey line, while the East Grid area has 4.3km of survey line, for a total of 9.1km. Figure 6 shows the approximate grid locations, while Figures 7 and 8 show the survey results.

Equipment and Specifications

GEM Systems GSM 19 Overhauser Magnetometer – base and rover units were used for the survey work.

Specifications:

- Resolution: 0.01 nT
- Relative Sensitivity: 0.02 nT
- Absolute Accuracy: 0.2nT
- Range: 20,000 to 120,000 nT

Operating parameters:

- Base recording interval – 5 seconds
- Base datum – 57,000 nT
- Time sync between units - beginning of each day.

Magnetic Survey

The magnetometer base station was located near grid location L1450E, S1900N on a quad access road. Data collection started at L1200E, S1200N and proceeded north to S2000N, collecting Total Magnetic Intensity readings every 12.5 meters. Orange flagging was marked and placed every 25 meters using a hip chain to measure the distance traveled and a compass for bearing. We then continued to Lines 1250E, 1300E, 1350E, 1400E, and 1450E. Multiple readings were taken at several stations when large differential readings occurred. Most of the duplicate readings showed similar readings within 5 nT. The following table summarizes the daily production statistics.

Line	Station Range	Count	Repeats
1200E	1200N - 1950N	61	3
1250E	1950N - 1200N	61	2
1300E	1200N - 2000N	65	2
1350E	2000N - 1200N	65	6
1400E	1200N - 2000N	65	1
1450E	2000N - 1200N	65	3
Total	-	382	17

On the second day, the base station was set up at the same location and started the survey at L2150E, S2100N. We proceeded north to S2600N, a distance of 500 meters, collecting readings every 12.5 meters as before. Orange flagging was marked and placed every 25 meters as before. We then continued to Lines 2100E, 2050E, 2000E, 1950E, 1900E, and 1850E. The following table summarizes the daily production statistics.

Line	Station Range	Count	Repeats
1850E	2000N - 2600N	49	3
1900E	2600N - 2000N	49	5
1950E	2050N - 2600N	45	3
2000E	2600N - 2050N	45	3
2050E	2000N - 2600N	49	3
2100E	2600N - 2000N	49	5
2150E	2100N - 2600N	41	4
Total	-	327	26

In conclusion, the weather was dry but overcast. All equipment functioned as expected. The property was treed but the minor undergrowth allowed for easy access with little trouble. No metallic artifacts or culture was near the area to interfere with the readings. Appendix 3 lists the magnetic data collected during the two days.

Conclusions

To date no potentially economic mineralization has been located, but the project area is of interest because of the intersection of numerous major structural breaks, the major alteration zone along the Elk River, and the number and types of intrusives on Sheep Mountain. The limited fieldwork to date has shown:

- That the strata changes attitude across the Elk River from gentle east dips on the east side to near vertical dips along the west side, indicating a major fault system.
- That there is a major alteration zone, white clay (argillic/sericitic alteration), along some of the structural breaks. The altered zone is at least one kilometer long and 500m wide, following a portion of the Elk River canyon. This may indicate a hydrothermal source at depth.
- The outcrop is limited to the riverbanks along the Elk River and to scattered areas on Sheep Mountain.
- There are at least four varieties of intrusives on Sheep Mountain.
- The preliminary magnetic survey work indicates minimal contrast. The west grid shows a difference of 416 gammas, with the highest readings in the extreme southwest corner and another in the west central part of the survey area. The east grid shows a difference of 291 gammas, with a high in the extreme south and a very small high in the north.

Recommendations

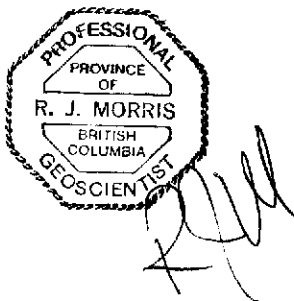
Further prospecting is warranted, especially in the areas showing the highest magnetic readings.

As well, further magnetic survey work should be considered between the two grid areas.

Statement of Costs

	<u>Total</u>
<u>Fieldwork</u>	
R.J. Morris, 6.0 days @\$500/day	\$3,000.00
<u>Ground Magnetic Survey</u>	
By contract, Meg Systems Ltd.	\$2,158.39
Nick .R. Morris, 2.0 days @\$200/day (line layout, helper)	\$ 400.00
<u>Office work</u>	
R.J. Morris, 2.0 days @\$500/day	\$1,000.00
<u>Supplies</u>	
Report production	\$ 80.00
Access permit	\$ 55.00
<u>Travel</u>	
Truck rental, 8 days x \$50/day	\$ 400.00
ATV rental, 7 days x \$50/day	<u>\$ 350.00</u>

Total = \$7,443.39



References

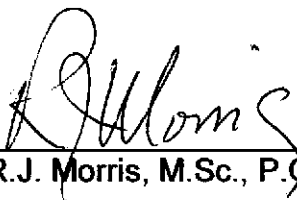
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Statement of Qualifications

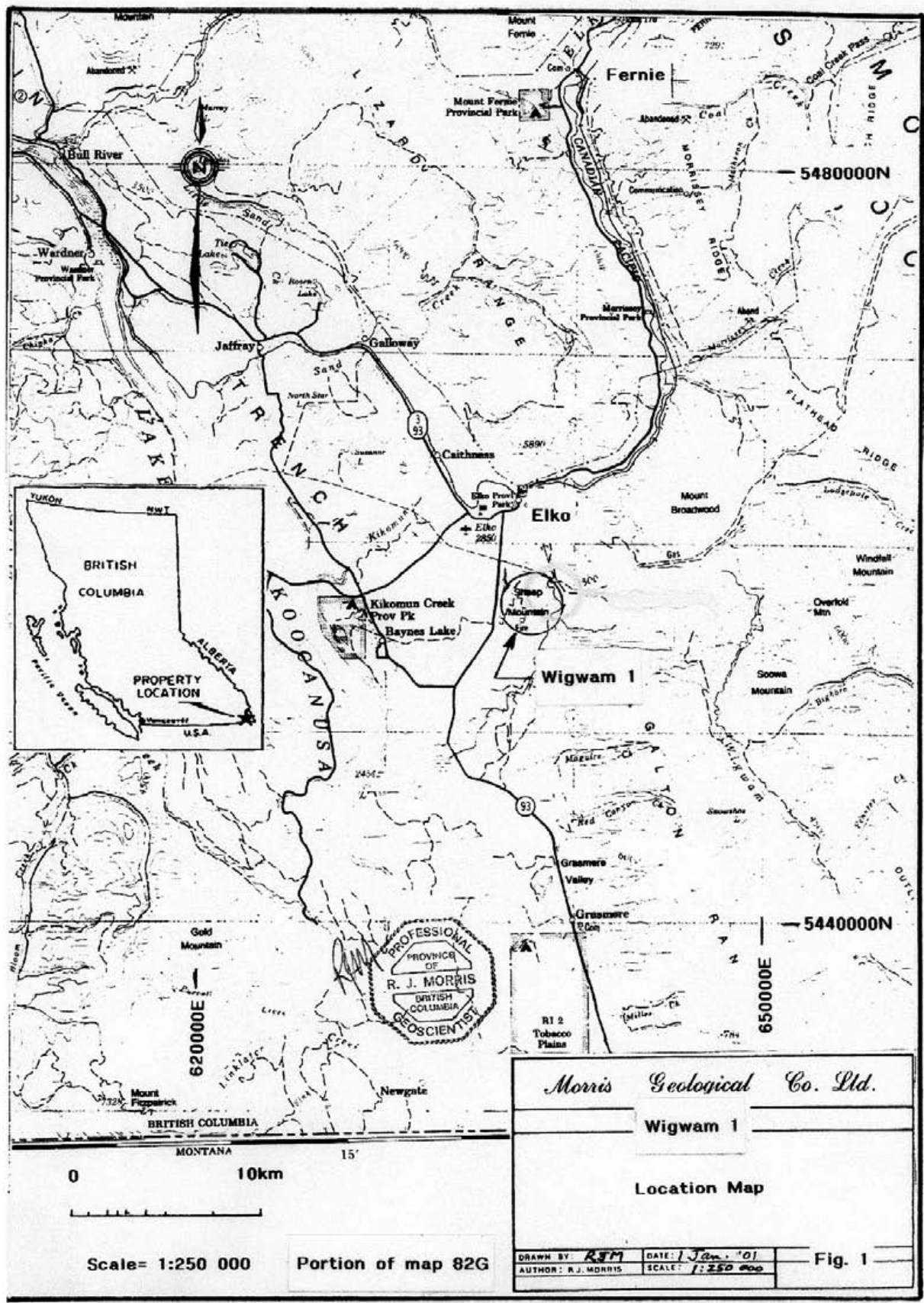
I Robert J. Morris, President, Morris Geological Co. Ltd. do declare:

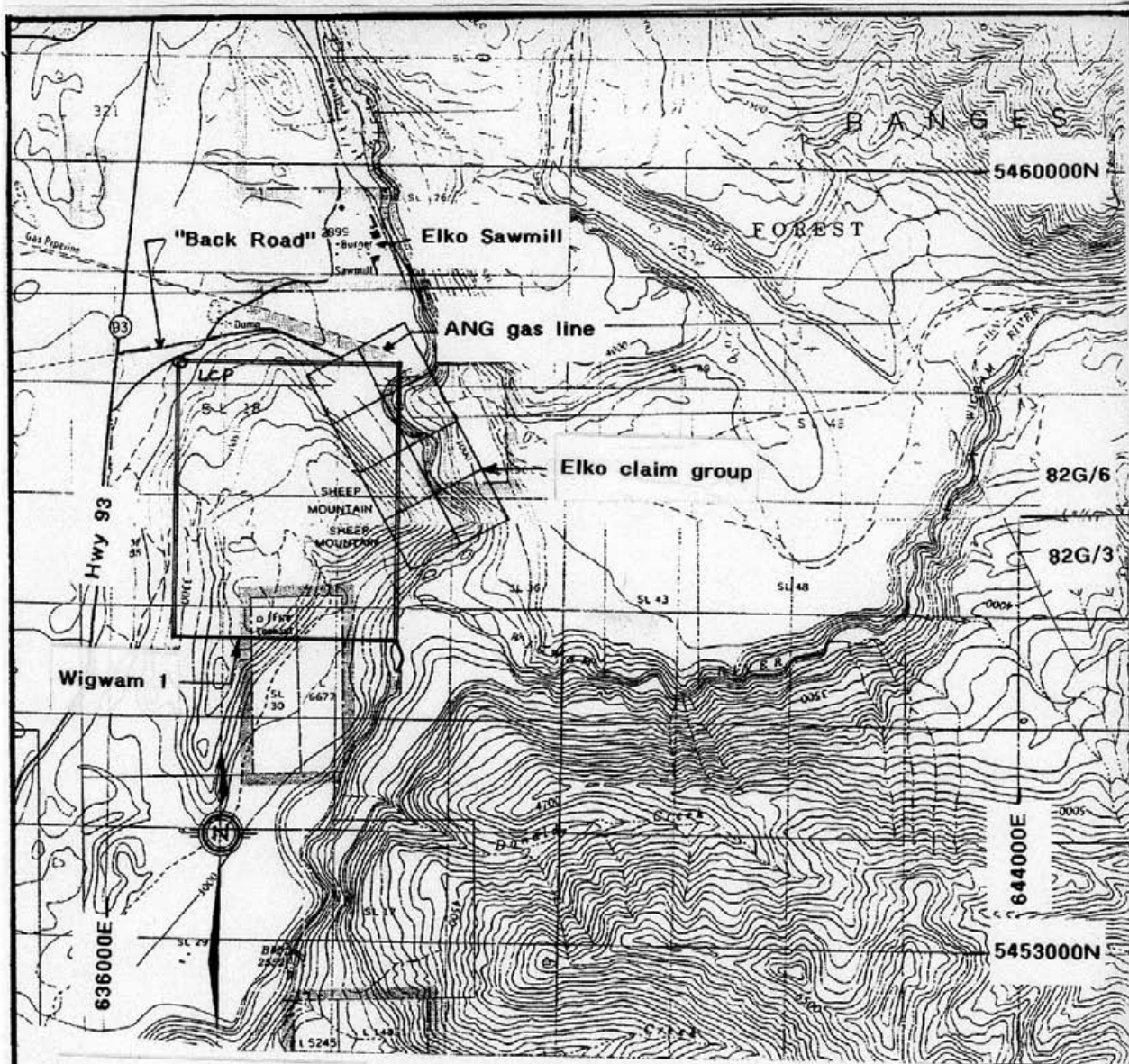
1. That I graduated as a geologist from the University of British Columbia, Vancouver, with a degree of Bachelor of Science in 1973.
2. That I graduated as a geologist from Queen's University, Kingston, Ontario, with a degree of Master of Science in 1978.
3. That I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (registration #18,301).
4. That I have been involved in the mining and mineral industry with work on grassroots exploration projects through to mining projects since my graduation in 1978.
5. That I am familiar with the subject area from fieldwork since 1998 and that I personally wrote and supervised the preparation of this report.

Dated this 16th day of January 2006, in Fernie, British Columbia.


R.J. Morris, M.Sc., P. Geo.





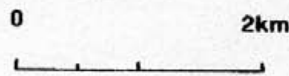


Portions of maps 82G/3&6

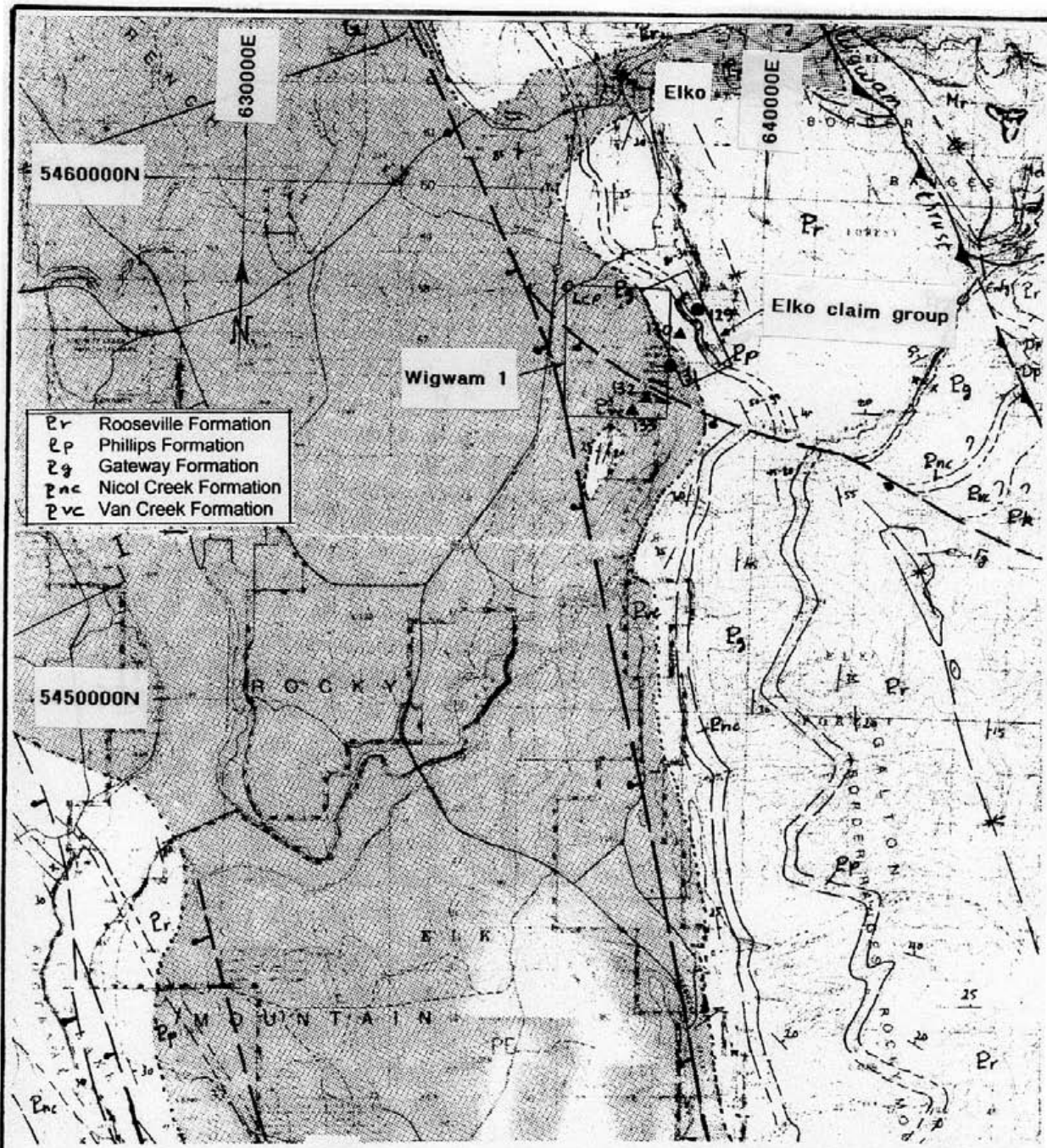


<i>Morris Geological Co. Ltd.</i>	
Wigwam 1	
Access Map	
DRAWN BY: <i>RJA</i>	DATE: <i>1 Jan 01</i>
AUTHOR: R. J. MORRIS	SCALE: <i>1:50 000</i>

Fig. 2



Scale= 1:50 000



- Pr Rooseville Formation
- Rp Phillips Formation
- Rg Gateway Formation
- Rnc Nicol Creek Formation
- Rvc Van Creek Formation

0 5km
 Scale= 1:100 000



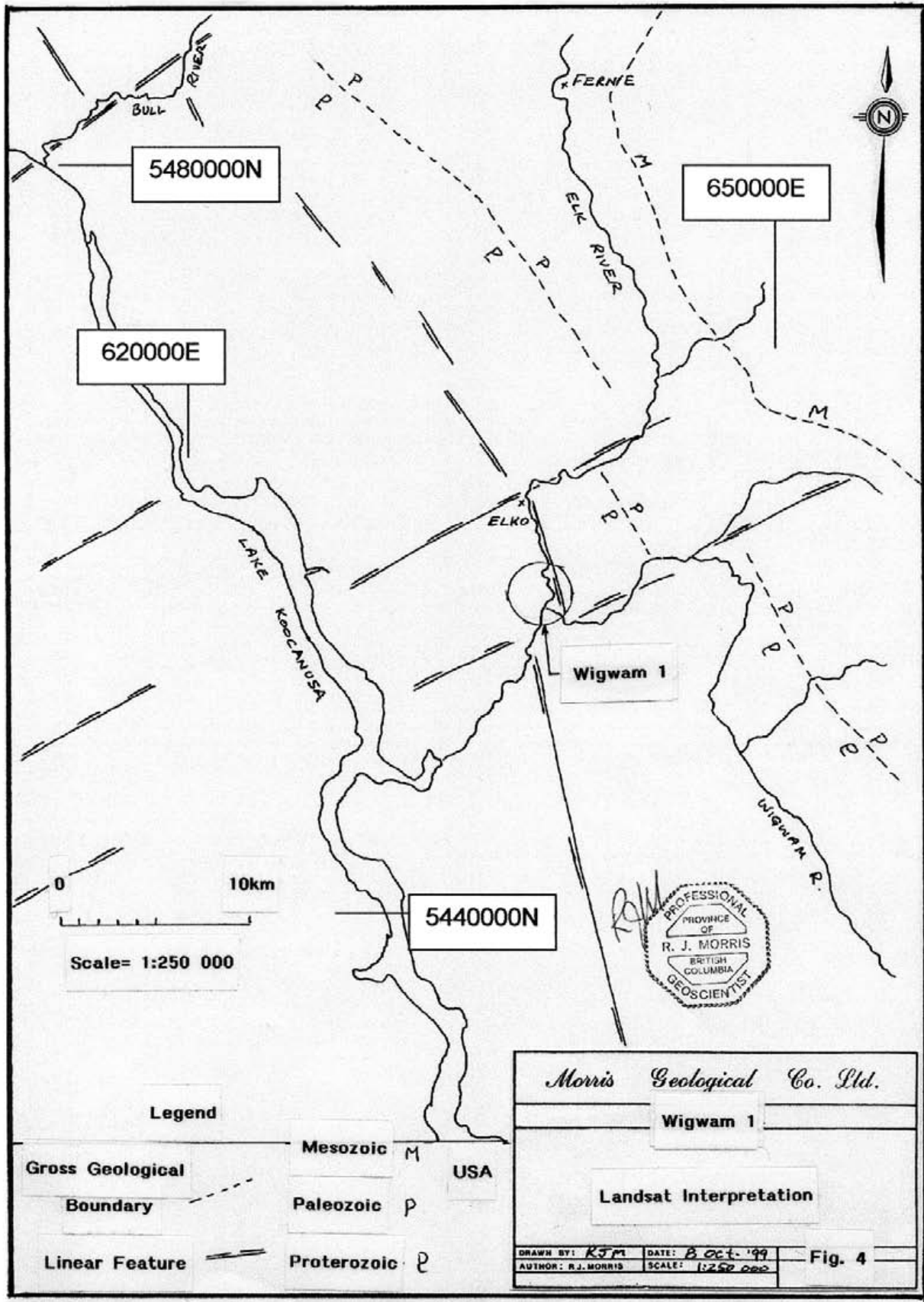
Morris Geological Co. Ltd.

Wigwam 1

Regional Geology

DRAWN BY: <i>RJM</i>	DATE: 1 Jan 01	Fig. 3
AUTHOR: R.J. MORRIS	SCALE: 1:100,000	

from : Hoy and Carter (1988)



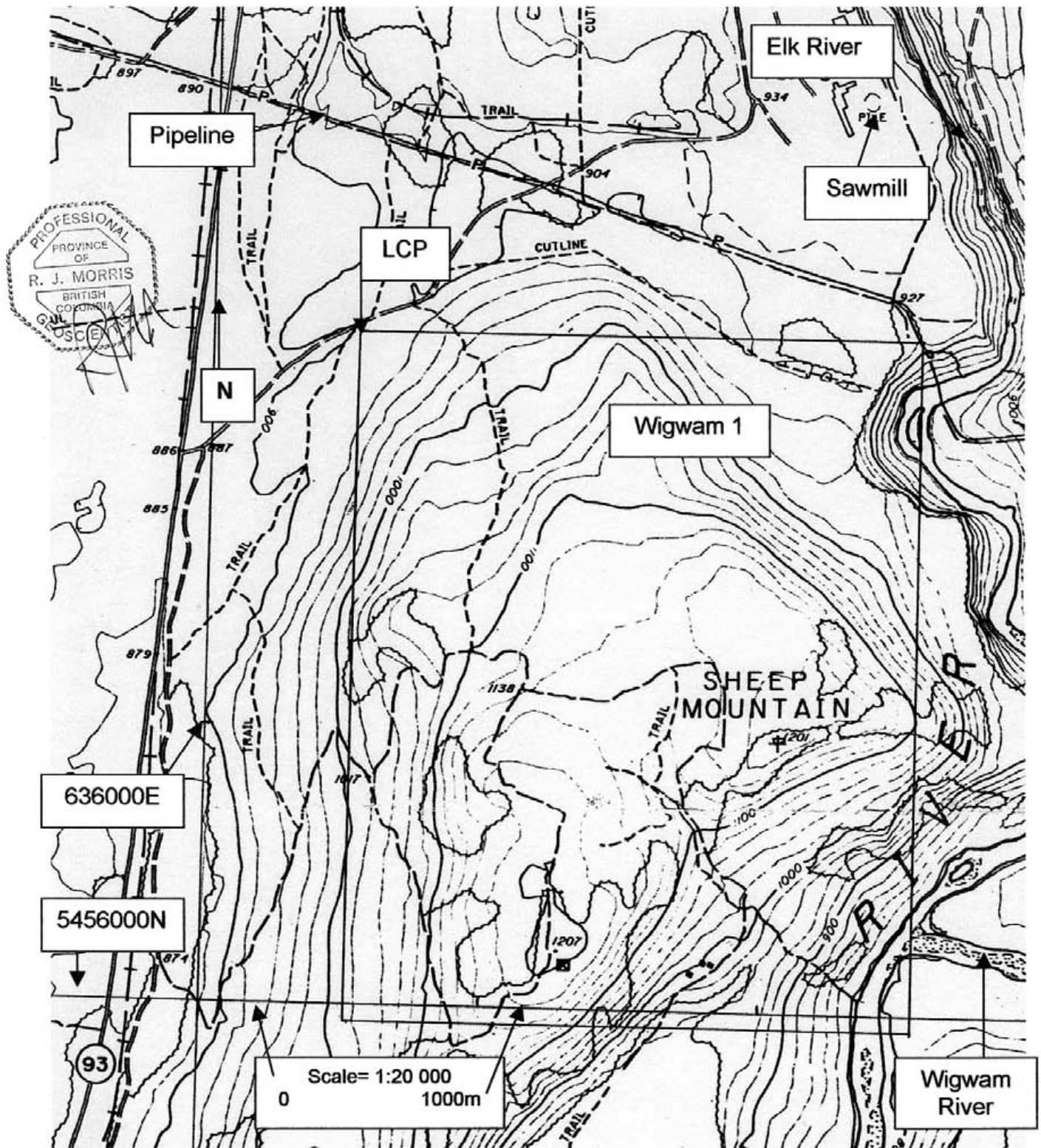


Figure 5 Topographic Map (part of 82G.025)

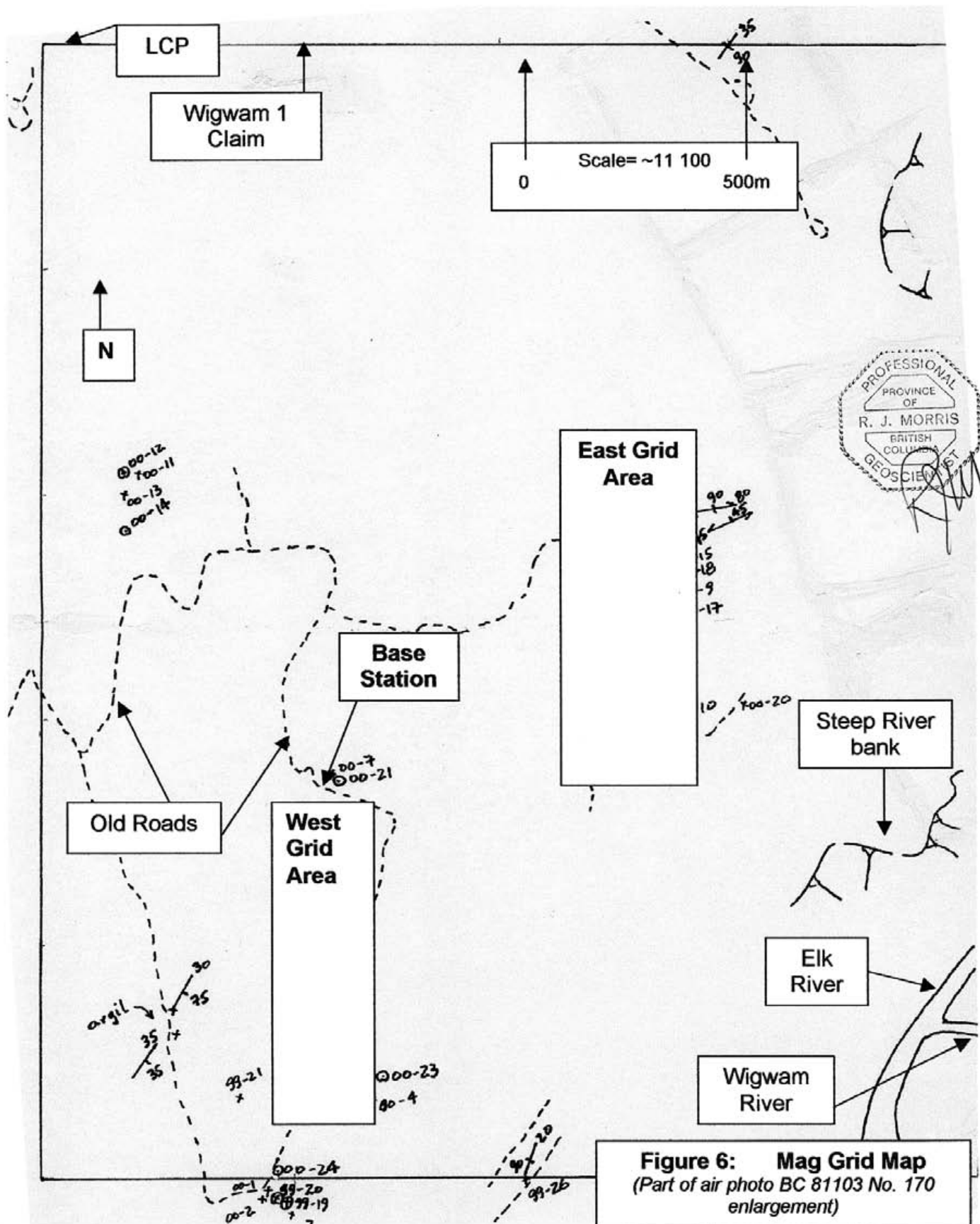


Figure 6: Mag Grid Map
 (Part of air photo BC 81103 No. 170 enlargement)

Ground Mag Survey
Oct 17, 2005

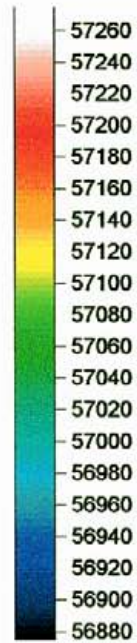
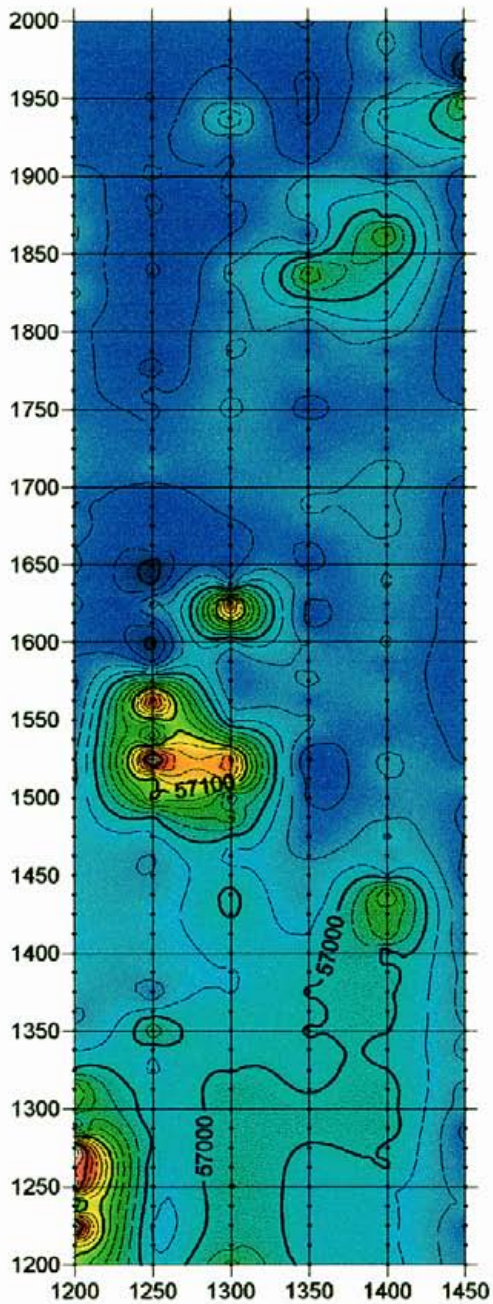


Figure 7: Ground Mag Survey, West Grid, 17 October 2005

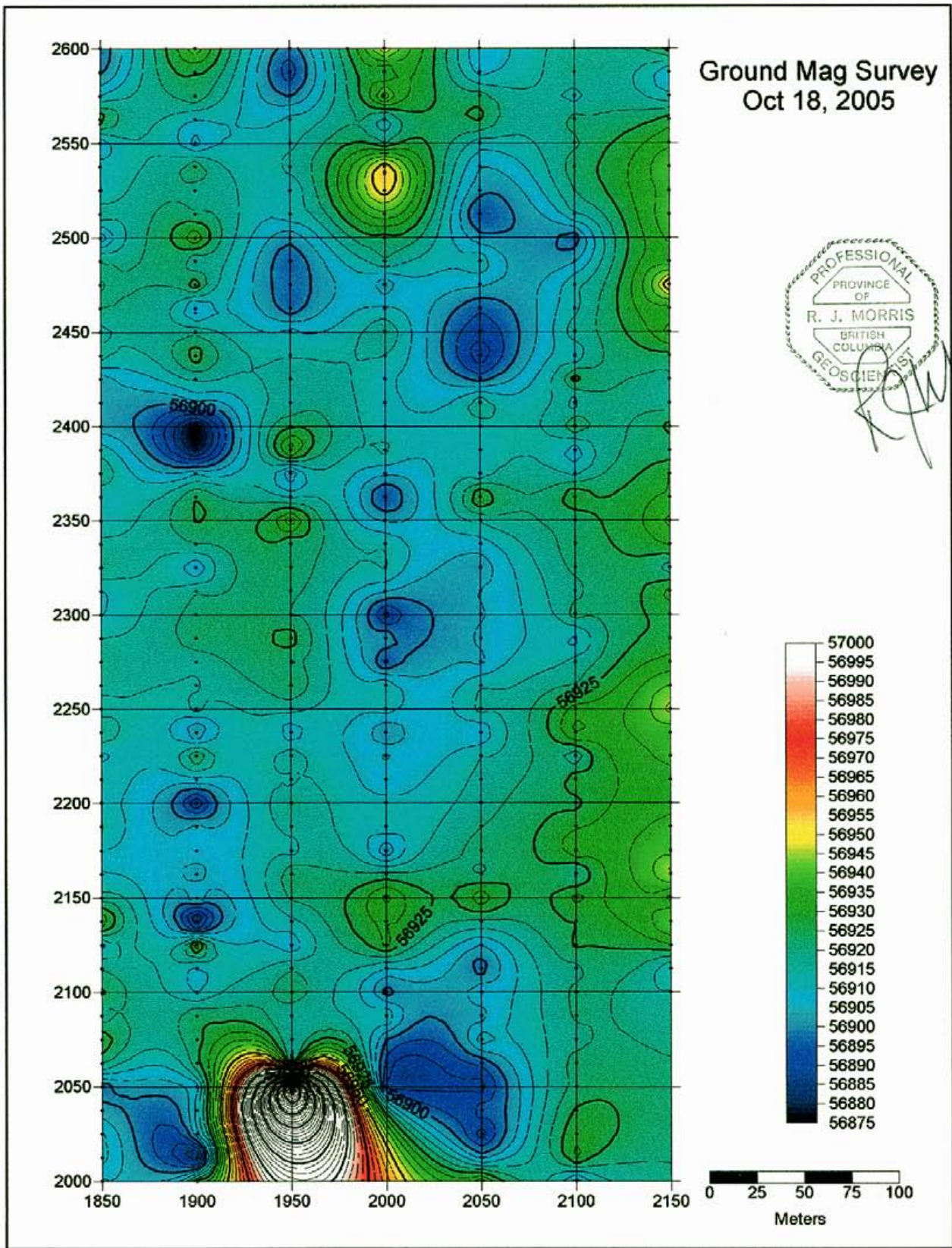
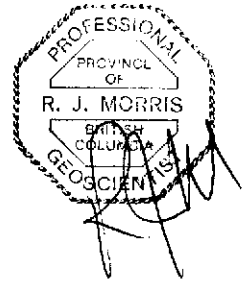


Figure 8: Ground Mag Survey, East Grid, 18 October 2005

Appendix 1

**Time Sheet, R.J. Morris
2005**

Date	Time (days)	Job (Elko Project)
15 May	1.0	Prospect
20 August	1.0	Prospect
21 August	1.0	Prospect
8 October	1.0	Prospect
15 October	1.0	Layout mag lines
16 October	1.0	Layout mag lines
7 Jan.'06	1.0	Assessment report
14 Jan.'06	1.0	Assessment report
	8.0	Total Days



Appendix 2

Wigwam 1

Grid Conversion to UTM Coordinates

Line 1200 E			
Waypoint	North	N	E
16	1200	5456035	636980
17	1225	5456060	636980
18	1250	5456085	636980
19	1275	5456110	636980
20	1300	5456135	636980
21	1325	5456160	636980
22	1350	5456185	636980
23	1375	5456210	636980
24	1400	5456235	636980
25	1425	5456260	636980
26	1450	5456285	636980
27	1475	5456310	636980
28	1500	5456335	636980
29	1525	5456360	636980
30, 31	1550	5456385	636980
32	1575	5456410	636980
33	1600	5456435	636980
34	1625	5456460	636980
35	1650	5456485	636980
36	1675	5456510	636980
37	1700	5456535	636980
38	1725	5456560	636980
39	1750	5456585	636980
40	1775	5456610	636980
41	1800	5456635	636980
42	1825	5456660	636980
43	1850	5456685	636980
44	1875	5456710	636980
45	1900	5456735	636980
46	1925	5456760	636980
47	1950	5456785	636980
	1975	5456810	636980
	2000	5456835	636980

Line 1250 E			
Waypoint	North	N	E
78	1200	5456035	637030
77	1225	5456060	637030
76	1250	5456085	637030
75	1275	5456110	637030
74	1300	5456135	637030
73	1325	5456160	637030
72	1350	5456185	637030
71	1375	5456210	637030
70	1400	5456235	637030
69	1425	5456260	637030
68	1450	5456285	637030
67	1475	5456310	637030
66	1500	5456335	637030
65	1525	5456360	637030
64	1550	5456385	637030
63	1575	5456410	637030
62	1600	5456435	637030
61	1625	5456460	637030
60	1650	5456485	637030
59	1675	5456510	637030
58	1700	5456535	637030
57	1725	5456560	637030
56	1750	5456585	637030
55	1775	5456610	637030
54	1800	5456635	637030
53	1825	5456660	637030
52	1850	5456685	637030
51	1875	5456710	637030
50	1900	5456735	637030
49	1925	5456760	637030
48	1950	5456785	637030
	1975	5456810	637030
	2000	5456835	637030

Line 1300 E			
Waypoint	North	N	E
	1200	5456035	637080
	1225	5456060	637080
	1250	5456085	637080
	1275	5456110	637080
	1300	5456135	637080
	1325	5456160	637080
	1350	5456185	637080
	1375	5456210	637080

Line 1350 E			
Waypoint	North	N	E
	1200	5456035	637130
	1225	5456060	637130
	1250	5456085	637130
	1275	5456110	637130
	1300	5456135	637130
	1325	5456160	637130
	1350	5456185	637130
	1375	5456210	637130

	1400	5456235	637080
	1425	5456260	637080
	1450	5456285	637080
	1475	5456310	637080
	1500	5456335	637080
	1525	5456360	637080
	1550	5456385	637080
	1575	5456410	637080
	1600	5456435	637080
	1625	5456460	637080
	1650	5456485	637080
	1675	5456510	637080
	1700	5456535	637080
	1725	5456560	637080
	1750	5456585	637080
	1775	5456610	637080
	1800	5456635	637080
	1825	5456660	637080
	1850	5456685	637080
	1875	5456710	637080
	1900	5456735	637080
	1925	5456760	637080
	1950	5456785	637080
	1975	5456810	637080
	2000	5456835	637080

	1400	5456235	637130
	1425	5456260	637130
	1450	5456285	637130
	1475	5456310	637130
	1500	5456335	637130
	1525	5456360	637130
	1550	5456385	637130
	1575	5456410	637130
	1600	5456435	637130
	1625	5456460	637130
	1650	5456485	637130
	1675	5456510	637130
	1700	5456535	637130
	1725	5456560	637130
	1750	5456585	637130
	1775	5456610	637130
	1800	5456635	637130
	1825	5456660	637130
	1850	5456685	637130
	1875	5456710	637130
	1900	5456735	637130
	1925	5456760	637130
	1950	5456785	637130
	1975	5456810	637130
	2000	5456835	637130

1400 E

Waypoint	North	N	E
	1200	5456035	637180
	1225	5456060	637180
	1250	5456085	637180
	1275	5456110	637180
	1300	5456135	637180
	1325	5456160	637180
	1350	5456185	637180
	1375	5456210	637180
	1400	5456235	637180
	1425	5456260	637180
	1450	5456285	637180
	1475	5456310	637180
	1500	5456335	637180
	1525	5456360	637180
	1550	5456385	637180
	1575	5456410	637180
	1600	5456435	637180
	1625	5456460	637180
	1650	5456485	637180

Line 1450 E

Waypoint	North	N	E
	1200	5456035	637230
	1225	5456060	637230
	1250	5456085	637230
	1275	5456110	637230
	1300	5456135	637230
	1325	5456160	637230
	1350	5456185	637230
	1375	5456210	637230
	1400	5456235	637230
	1425	5456260	637230
	1450	5456285	637230
	1475	5456310	637230
	1500	5456335	637230
	1525	5456360	637230
	1550	5456385	637230
	1575	5456410	637230
	1600	5456435	637230
	1625	5456460	637230
	1650	5456485	637230

	1675	5456510	637180
	1700	5456535	637180
	1725	5456560	637180
	1750	5456585	637180
	1775	5456610	637180
	1800	5456635	637180
	1825	5456660	637180
	1850	5456685	637180
	1875	5456710	637180
	1900	5456735	637180
	1925	5456760	637180
	1950	5456785	637180
	1975	5456810	637180
	2000	5456835	637180

	1675	5456510	637230
	1700	5456535	637230
	1725	5456560	637230
	1750	5456585	637230
	1775	5456610	637230
	1800	5456635	637230
	1825	5456660	637230
	1850	5456685	637230
	1875	5456710	637230
	1900	5456735	637230
	1925	5456760	637230
	1950	5456785	637230
	1975	5456810	637230
	2000	5456835	637230

Line 1850 E

Waypoint	North	N	E
	2000	5456835	637630
	2025	5456860	637630
	2050	5456885	637630
	2075	5456910	637630
	2100	5456935	637630
	2125	5456960	637630
	2150	5456985	637630
	2175	5457010	637630
	2200	5457035	637630
	2225	5457060	637630
	2250	5457085	637630
	2275	5457110	637630
	2300	5457135	637630
	2325	5457160	637730
	2350	5457185	637730
	2375	5457210	637730
	2400	5457235	637730
	2425	5457260	637730
	2450	5457285	637730
	2475	5457310	637730
	2500	5457335	637730
	2525	5457360	637730
	2550	5457385	637730
	2575	5457410	637730
	2600	5457435	637730

Line 1900 E

Waypoint	North	N	E
	2000	5456835	637680
	2025	5456860	637680

Line 1950 E

Waypoint	North	N	E
	2000	5456835	637730
	2025	5456860	637730

	2050	5456885	637680
	2075	5456910	637680
	2100	5456935	637680
	2125	5456960	637680
	2150	5456985	637680
	2175	5457010	637680
	2200	5457035	637680
	2225	5457060	637680
	2250	5457085	637680
	2275	5457110	637680
	2300	5457135	637680
	2325	5457160	637680
	2350	5457185	637680
	2375	5457210	637680
	2400	5457235	637680
	2425	5457260	637680
	2450	5457285	637680
	2475	5457310	637680
	2500	5457335	637680
	2525	5457360	637680
	2550	5457385	637680
	2575	5457410	637680
	2600	5457435	637680

	2050	5456885	637730
	2075	5456910	637730
	2100	5456935	637730
	2125	5456960	637730
	2150	5456985	637730
	2175	5457010	637730
	2200	5457035	637730
	2225	5457060	637730
	2250	5457085	637730
	2275	5457110	637730
	2300	5457135	637730
	2325	5457160	637730
	2350	5457185	637730
	2375	5457210	637730
	2400	5457235	637730
	2425	5457260	637730
	2450	5457285	637730
	2475	5457310	637730
	2500	5457335	637730
	2525	5457360	637730
	2550	5457385	637730
	2575	5457410	637730
	2600	5457435	637730

Line 2000 E			
Waypoint	North	N	E
	2000	5456835	637780
	2025	5456860	637780
	2050	5456885	637780
	2075	5456910	637780
	2100	5456935	637780
	2125	5456960	637780
	2150	5456985	637780
	2175	5457010	637780
	2200	5457035	637780
	2225	5457060	637780
	2250	5457085	637780
	2275	5457110	637780
	2300	5457135	637780
	2325	5457160	637780
	2350	5457185	637780
	2375	5457210	637780
	2400	5457235	637780
	2425	5457260	637780
	2450	5457285	637780
	2475	5457310	637780
	2500	5457335	637780

Line 2050 E			
Waypoint	North	N	E
	2000	5456835	637830
	2025	5456860	637830
	2050	5456885	637830
	2075	5456910	637830
	2100	5456935	637830
	2125	5456960	637830
	2150	5456985	637830
	2175	5457010	637830
	2200	5457035	637830
	2225	5457060	637830
	2250	5457085	637830
	2275	5457110	637830
	2300	5457135	637830
	2325	5457160	637830
	2350	5457185	637830
	2375	5457210	637830
	2400	5457235	637830
	2425	5457260	637830
	2450	5457285	637830
	2475	5457310	637830
	2500	5457335	637830

	2525	5457360	637780
	2550	5457385	637780
	2575	5457410	637780
	2600	5457435	637780

	2525	5457360	637830
	2550	5457385	637830
	2575	5457410	637830
	2600	5457435	637830

Line 2100 E			
Waypoint	North	N	E
	2000	5456835	637880
	2025	5456860	637880
	2050	5456885	637880
	2075	5456910	637880
	2100	5456935	637880
	2125	5456960	637880
	2150	5456985	637880
	2175	5457010	637880
	2200	5457035	637880
	2225	5457060	637880
	2250	5457085	637880
	2275	5457110	637880
	2300	5457135	637880
	2325	5457160	637880
	2350	5457185	637880
	2375	5457210	637880
	2400	5457235	637880
	2425	5457260	637880
	2450	5457285	637880
	2475	5457310	637880
	2500	5457335	637880
	2525	5457360	637880
	2550	5457385	637880
	2575	5457410	637880
	2600	5457435	637880

Line 2150 E			
Waypoint	North	N	E
	2000	5456835	637930
	2025	5456860	637930
	2050	5456885	637930
	2075	5456910	637930
	2100	5456935	637930
	2125	5456960	637930
	2150	5456985	637930
	2175	5457010	637930
	2200	5457035	637930
	2225	5457060	637930
	2250	5457085	637930
	2275	5457110	637930
	2300	5457135	637930
	2325	5457160	637930
	2350	5457185	637930
	2375	5457210	637930
	2400	5457235	637930
	2425	5457260	637930
	2450	5457285	637930
	2475	5457310	637930
	2500	5457335	637930
	2525	5457360	637930
	2550	5457385	637930
	2575	5457410	637930
	2600	5457435	637930

Appendix 3
Wigwam 1
Magnetic Survey Data

October 17 2005, West Grid

X	Y	nT	sq	cor-nT	time	Oct 17 - West Grid						
1200	1200	56734.01	49	57095.47	133232							
1200	1212.5	56748.6	39	57109.26	133247	Duplicates						
1200	1225	56926.55	29	57287.22	133342							
1200	1237.5	56664.97	29	57025.21	133412	01200E	01237.50N	56664.97	29	57025.21	133412	
1200	1250	56878.19	29	57237.85	133452	01200E	01237.50N	56677.73	29	57037.47	133427	
1200	1262.5	56858.68	29	57217.69	133517	01200E	01300.00N	56883.26	9	57242.39	133627	
1200	1275	56915.13	29	57274.46	133542	01200E	01300.00N	56700.5	69	57059.67	133642	
1200	1287.5	56621.38	99	56980.74	133607	01200E	01950.00N	56572.58	99	56931.12	135912	
1200	1300	56700.5	69	57059.67	133642	01200E	01950.00N	56569.49	99	56927.67	140007	
1200	1312.5	56727.48	49	57086.08	133712							
1200	1325	56643.7	99	57002.46	133737	01250E	01525.00N	56923.09	99	57280.17	141722	
1200	1337.5	56622.09	99	56981.11	133802	01250E	01525.00N	56930.25	99	57287.45	141737	
1200	1350	56601.62	99	56960.38	133822	01250E	01350.00N	56883.71	99	57040.23	142302	
1200	1362.5	56599.51	99	56958.62	133847	01250E	01350.00N	56677.43	99	57033.81	142312	
1200	1375	56605.82	99	56965.03	133912							
1200	1387.5	56611.22	99	56970.92	133932	01300E	01200.00N	56691.76	99	57048.96	143237	
1200	1400	56614.19	99	56974.14	133957	01300E	01200.00N	56691.79	99	57049.26	143247	
1200	1412.5	56615.15	99	56975.14	134017	01300E	01637.50N	56586.4	99	56944.1	145302	
1200	1425	56608.55	99	56968.39	134037	01300E	01637.50N	56585.04	99	56942.63	145312	
1200	1437.5	56610.24	99	56970.08	134057							
1200	1450	56610.4	99	56970.08	134117	01350E	01900.00N	56603.85	99	56961.07	151537	
1200	1462.5	56605.05	99	56964.73	134137	01350E	01900.00N	56604.1	99	56961.57	151547	
1200	1475	56609.67	99	56969.25	134202	01350E	01862.50N	56578.48	99	56935.83	151722	
1200	1487.5	56603.77	99	56963.88	134227	01350E	01862.50N	56579.08	99	56936.4	151732	
1200	1500	56606.26	99	56966.3	134247	01350E	01837.50N	56710.15	99	57067.5	151827	
1200	1512.5	56593.79	99	56953.78	134307	01350E	01837.50N	56710.35	99	57067.32	151837	
1200	1525	56597.66	99	56957.32	134327	01350E	01812.50N	56611.27	99	56967.96	151932	
1200	1537.5	56590.78	99	56951.02	134347	01350E	01812.50N	56611.67	99	56968.36	151942	
1200	1550	56584.42	99	56943.89	134412	01350E	01712.50N	56599.24	99	56955.7	152337	
1200	1562.5	56581.44	99	56941.14	134502	01350E	01712.50N	56601.52	99	56957.75	152357	
1200	1575	56575.87	99	56934.95	134542	01350E	01525.00N	56562.4	99	56917.95	153727	
1200	1587.5	56585.07	99	56944.5	134622	01350E	01525.00N	56544.77	99	56900.47	153737	
1200	1600	56571.18	99	56930.55	134647							
1200	1612.5	56576.47	99	56935.59	134707	01400E	01875.00N	56635.26	99	56990.61	162222	

1200	1625	56587.47	99	56946.9	134727	01400E	01875.00N	56636.34	99	56991.63	162232
1200	1637.5	56575.36	99	56934.33	134747						
1200	1650	56586.38	99	56945.47	134807	01450E	01950.00N	56715.47	99	57071.14	163502
1200	1662.5	56580.33	99	56939.25	134827	01450E	01950.00N	56718.58	99	57074.23	163512
1200	1675	56593.17	99	56951.92	134852	01450E	01950.00N	56721.14	99	57076.87	163527
1200	1687.5	56579.43	99	56938.06	134912	01450E	01512.50N	56600.52	99	56956.54	165502
1200	1700	56588	99	56946.71	134947	01450E	01512.50N	56601.87	99	56957.86	165512
1200	1712.5	56596.47	99	56954.7	135017	01450E	01200.00N	56597.64	99	56954	171217
1200	1725	56591.73	99	56949.99	135132	01450E	01200.00N	56591.6	99	56947.94	171232
1200	1737.5	56594.64	99	56952.64	135152						
1200	1750	56584.39	99	56942.7	135212						
1200	1762.5	56586.34	99	56945.01	135237						
1200	1775	56588.39	99	56946.57	135302						
1200	1787.5	56588.56	99	56947.18	135327						
1200	1800	56584.95	99	56943.33	135352						
1200	1812.5	56584.97	99	56943.57	135422						
1200	1825	56608.65	99	56967.03	135447						
1200	1837.5	56589.05	99	56947.29	135507						
1200	1850	56589.52	99	56948.01	135537						
1200	1862.5	56607.77	99	56966.29	135557						
1200	1875	56593.02	99	56952.01	135627						
1200	1887.5	56589.42	99	56948.19	135652						
1200	1900	56595.86	99	56955	135722						
1200	1912.5	56570.99	99	56930.25	135747						
1200	1925	56574.35	99	56933.45	135817						
1200	1937.5	56584.85	99	56943.66	135847						
1200	1950	56572.58	99	56931.12	135912						
1250	1950	56560.79	99	56918.62	140157						
1250	1937.5	56571.11	99	56928.93	140227						
1250	1925	56580.29	99	56938.54	140247						
1250	1912.5	56575.16	99	56933.27	140307						
1250	1900	56588.67	99	56947	140337						
1250	1887.5	56557.22	99	56915.2	140402						
1250	1875	56562.96	99	56920.85	140427						
1250	1862.5	56566.29	99	56924.16	140452						
1250	1850	56565.41	99	56922.79	140517						

1250	1837.5	56558.54	99	56916.12	140542												
1250	1825	56574.75	99	56932.06	140602												
1250	1812.5	56569.1	99	56926.68	140637												
1250	1800	56575.6	99	56932.89	140702												
1250	1787.5	56571.13	99	56928.79	140727												
1250	1775	56548.82	99	56906.03	140822												
1250	1762.5	56590.67	99	56947.86	140852												
1250	1750	56578.29	99	56935.76	140917												
1250	1737.5	56586.04	99	56943.6	140937												
1250	1725	56584.62	99	56942.19	140957												
1250	1712.5	56603.24	99	56960.57	141027												
1250	1700	56575.24	99	56933.09	141052												
1250	1687.5	56566.24	99	56923.97	141127												
1250	1675	56568.54	99	56925.66	141152												
1250	1662.5	56577.15	99	56934.78	141217												
1250	1650	56530.36	99	56887.65	141247												
1250	1637.5	56536.09	99	56893.58	141312												
1250	1625	56612.4	99	56969.44	141332												
1250	1612.5	56569.44	99	56927.31	141357												
1250	1600	56535.15	99	56892.12	141422												
1250	1587.5	56555.48	99	56913.16	141502												
1250	1575	56682.49	99	57039.63	141532												
1250	1562.5	56867.41	99	57225.11	141602												
1250	1550	56726.87	99	57084.02	141627												
1250	1537.5	56658.56	99	57015.98	141657												
1250	1525	56923.09	99	57280.17	141722												
1250	1512.5	56722.61	99	57080.04	141802												
1250	1500	56751.57	99	57108.49	141827												
1250	1487.5	56631.68	99	56989.16	141852												
1250	1475	56621.64	99	56978.7	141917												
1250	1462.5	56601.02	99	56957.57	141937												
1250	1450	56603.79	99	56961.14	141957												
1250	1437.5	56608.92	99	56966.03	142022												
1250	1425	56620.52	99	56977.49	142042												
1250	1412.5	56613.12	99	56970.03	142102												
1250	1400	56611.54	99	56968.65	142122												

1250	1387.5	56617.27	99	56973.99	142142														
1250	1375	56585.67	99	56942.6	142207														
1250	1362.5	56628.45	99	56985.01	142237														
1250	1350	56683.71	99	57040.23	142302														
1250	1337.5	56625.52	99	56982.86	142337														
1250	1325	56619.23	99	56975.44	142357														
1250	1312.5	56642.46	99	56999.64	142422														
1250	1300	56624.33	99	56981.43	142442														
1250	1287.5	56638.33	99	56995.12	142507														
1250	1275	56640.19	99	56997.54	142527														
1250	1262.5	56628.86	99	56985.71	142552														
1250	1250	56631.11	99	56988.38	142617														
1250	1237.5	56626.93	99	56983.94	142642														
1250	1225	56620.27	99	56977.74	142702														
1250	1212.5	56621.38	99	56978.68	142722														
1250	1200	56627.6	99	56984.82	142742														
1300	1200	56691.76	99	57048.96	143237														
1300	1212.5	56655.43	99	57012.58	143322														
1300	1225	56657.87	99	57015.23	143352														
1300	1237.5	56655.2	99	57011.68	143417														
1300	1250	56663.58	99	57020.96	143447														
1300	1262.5	56660.57	99	57017.23	143517														
1300	1275	56654.57	99	57011.67	143542														
1300	1287.5	56651.48	99	57008.33	143612														
1300	1300	56649.23	99	57006.32	143637														
1300	1312.5	56663.63	99	57020.82	143717														
1300	1325	56640.58	99	56997.82	143747														
1300	1337.5	56634.89	99	56991.95	143827														
1300	1350	56634.14	99	56991.1	144417														
1300	1362.5	56644.36	99	57001.11	144437														
1300	1375	56621.42	99	56978.26	144457														
1300	1387.5	56620.53	99	56977.56	144517														
1300	1400	56631.45	99	56988.09	144537														
1300	1412.5	56628.09	99	56985.2	144607														
1300	1425	56646.02	99	57002.97	144627														
1300	1437.5	56648.88	99	57006.09	144647														

1300	1450	56634.11	99	56990.96	144707						
1300	1462.5	56613.53	99	56970.8	144727						
1300	1475	56638.45	99	56996.09	144752						
1300	1487.5	56701.83	99	57059.18	144817						
1300	1500	56644.33	99	57001.97	144842						
1300	1512.5	56790.37	99	57147.77	144912						
1300	1525	56816.21	99	57173.61	144932						
1300	1537.5	56698	99	57055.71	145002						
1300	1550	56615.99	99	56973.77	145027						
1300	1562.5	56597.03	99	56954.83	145047						
1300	1575	56589.89	99	56947.61	145107						
1300	1587.5	56588.53	99	56946.62	145127						
1300	1600	56609.12	99	56966.71	145147						
1300	1612.5	56741.1	99	57099.01	145212						
1300	1625	56834.05	99	57192.46	145237						
1300	1637.5	56586.4	99	56944.1	145302						
1300	1650	56574.71	99	56932.99	145337						
1300	1662.5	56575	99	56932.61	145402						
1300	1675	56578.97	99	56936.58	145442						
1300	1687.5	56587.67	99	56944.99	145502						
1300	1700	56595.3	99	56952.4	145522						
1300	1712.5	56592.91	99	56950.39	145547						
1300	1725	56602.45	99	56959.79	145607						
1300	1737.5	56594.21	99	56951.59	145637						
1300	1750	56608.78	99	56966.06	145712						
1300	1762.5	56598.86	99	56956.52	145757						
1300	1775	56596.1	99	56953.87	145817						
1300	1787.5	56605.42	99	56963.19	145847						
1300	1800	56599.21	99	56956.67	145912						
1300	1812.5	56593.09	99	56950.16	145932						
1300	1825	56591.83	99	56949.2	145957						
1300	1837.5	56611.49	99	56968.99	150147						
1300	1850	56592.34	99	56949.73	150217						
1300	1862.5	56583.19	99	56940.85	150247						
1300	1875	56567.53	99	56925.16	150307						
1300	1887.5	56586.89	99	56944.49	150332						

1300	1900	56582.84	99	56940.64	150402														
1300	1912.5	56581.56	99	56939.13	150422														
1300	1925	56591.82	99	56949.18	150442														
1300	1937.5	56652.56	99	57010.21	150502														
1300	1950	56584.79	99	56942.01	150532														
1300	1962.5	56588.89	99	56946.09	150557														
1300	1975	56579.68	99	56937.22	150627														
1300	1987.5	56578.64	99	56935.91	150652														
1300	2000	56577.37	99	56934.75	150712														
1350	2000	56559.44	99	56916.58	151147														
1350	1987.5	56568.52	99	56925.77	151217														
1350	1975	56571.15	99	56928.2	151247														
1350	1962.5	56556.62	99	56913.97	151322														
1350	1950	56560.98	99	56918.61	151342														
1350	1937.5	56555.94	99	56913.43	151412														
1350	1925	56575.03	99	56932.51	151442														
1350	1912.5	56571.58	99	56928.99	151507														
1350	1900	56603.85	99	56961.07	151537														
1350	1887.5	56619.42	99	56976.7	151612														
1350	1875	56615.82	99	56973.43	151652														
1350	1862.5	56578.48	99	56935.83	151722														
1350	1850	56629.11	99	56986.24	151802														
1350	1837.5	56710.15	99	57067.5	151827														
1350	1825	56654.89	99	57011.55	151907														
1350	1812.5	56611.27	99	56967.96	151932														
1350	1800	56587.95	99	56944.52	152007														
1350	1787.5	56589.81	99	56946.33	152027														
1350	1775	56600.95	99	56957.58	152057														
1350	1762.5	56589.41	99	56945.73	152122														
1350	1750	56569.96	99	56926.37	152147														
1350	1737.5	56598.27	99	56954.59	152227														
1350	1725	56582.95	99	56939.13	152252														
1350	1712.5	56599.24	99	56955.7	152337														
1350	1700	56599.84	99	56956.23	152437														
1350	1687.5	56608.33	99	56964.86	152637														
1350	1675	56594.86	99	56951.16	153102														

1350	1662.5	56580.89	99	56937.24	153147														
1350	1650	56575.23	99	56931.44	153227														
1350	1637.5	56601.83	99	56958.16	153257														
1350	1625	56578.94	99	56935.37	153332														
1350	1612.5	56577.8	99	56934	153407														
1350	1600	56604.41	99	56960.73	153432														
1350	1587.5	56595.85	99	56952.32	153517														
1350	1575	56612.83	99	56969.03	153542														
1350	1562.5	56583.12	99	56939.24	153602														
1350	1550	56610.09	99	56965.94	153627														
1350	1537.5	56597.2	99	56952.95	153702														
1350	1525	56562.4	99	56917.95	153727														
1350	1512.5	56579.88	99	56935.57	153812														
1350	1500	56580.13	99	56935.85	153842														
1350	1487.5	56593.73	99	56949.45	153912														
1350	1475	56583.9	99	56939.64	153937														
1350	1462.5	56602.57	99	56958.1	153957														
1350	1450	56613.49	99	56969.03	154022														
1350	1437.5	56603.2	99	56958.95	154047														
1350	1425	56619.05	99	56974.56	154112														
1350	1412.5	56623.3	99	56979.06	154132														
1350	1400	56637.99	99	56993.64	154202														
1350	1387.5	56636.81	99	56992.33	154227														
1350	1375	56647.01	99	57002.61	154252														
1350	1362.5	56637.64	99	56993.1	154317														
1350	1350	56646.93	99	57002.48	154347														
1350	1337.5	56638.4	99	56994	154412														
1350	1325	56636.81	99	56992.55	154437														
1350	1312.5	56642.63	99	56998.29	154502														
1350	1300	56650.41	99	57005.96	154527														
1350	1287.5	56653.32	99	57008.83	154552														
1350	1275	56641.39	99	56996.77	154617														
1350	1262.5	56633.99	99	56989.44	154647														
1350	1250	56634.12	99	56989.68	154717														
1350	1237.5	56631.51	99	56986.96	154742														
1350	1225	56635.51	99	56990.78	154812														

1350	1212.5	56626.59	99	56981.92	154837								
1350	1200	56638.08	99	56993.31	154857								
1400	1200	56633.08	99	56987.95	155342								
1400	1212.5	56628.11	99	56982.95	155417								
1400	1225	56629.68	99	56984.51	155447								
1400	1237.5	56629.17	99	56984.03	155512								
1400	1250	56625.45	99	56980.06	155537								
1400	1262.5	56648.8	99	57003.41	155612								
1400	1275	56639.42	99	56994.24	155712								
1400	1287.5	56657.41	99	57012.35	155757								
1400	1300	56648.95	99	57003.66	155832								
1400	1312.5	56652.74	99	57007.57	155912								
1400	1325	56645.72	99	57000.37	155942								
1400	1337.5	56636.06	99	56990.82	160007								
1400	1350	56646.44	99	57001.12	160032								
1400	1362.5	56649.74	99	57004.45	160107								
1400	1375	56646.57	99	57001.24	160137								
1400	1387.5	56656.62	99	57011.48	160207								
1400	1400	56631.48	99	56986.57	160237								
1400	1412.5	56707.05	99	57062.06	160307								
1400	1425	56685.66	99	57040.87	160337								
1400	1437.5	56737.62	99	57092.79	160412								
1400	1450	56625.73	99	56980.89	160457								
1400	1462.5	56601.96	99	56956.81	160547								
1400	1475	56630.75	99	56985.53	160617								
1400	1487.5	56600.47	99	56955.25	160652								
1400	1500	56596.05	99	56951.09	160727								
1400	1512.5	56604.78	99	56959.73	160747								
1400	1525	56614.37	99	56969.38	160817								
1400	1537.5	56588.79	99	56943.63	160847								
1400	1550	56593.23	99	56948.12	160917								
1400	1562.5	56604.3	99	56959.24	160952								
1400	1575	56599.66	99	56954.61	161022								
1400	1587.5	56588.05	99	56943.08	161052								
1400	1600	56610.06	99	56965.08	161117								
1400	1612.5	56595.36	99	56950.36	161147								

1400	1625	56597.48	99	56952.54	161227								
1400	1637.5	56606.96	99	56962.12	161257								
1400	1650	56604.24	99	56959.47	161327								
1400	1662.5	56600.58	99	56955.64	161352								
1400	1675	56612.27	99	56967.35	161422								
1400	1687.5	56606.38	99	56961.64	161447								
1400	1700	56604.92	99	56960.29	161532								
1400	1712.5	56615.52	99	56970.9	161607								
1400	1725	56588.87	99	56944.13	161642								
1400	1737.5	56598.86	99	56953.99	161722								
1400	1750	56587.91	99	56943.07	161747								
1400	1762.5	56588.14	99	56943.38	161827								
1400	1775	56605.82	99	56961.08	161857								
1400	1787.5	56586.58	99	56941.91	161922								
1400	1800	56614.18	99	56969.57	161947								
1400	1812.5	56630.61	99	56985.93	162022								
1400	1825	56636.34	99	56991.73	162042								
1400	1837.5	56649.92	99	57005.14	162112								
1400	1850	56662.91	99	57018.17	162132								
1400	1862.5	56716.76	99	57072	162157								
1400	1875	56635.26	99	56990.61	162222								
1400	1887.5	56639.77	99	56995.15	162322								
1400	1900	56583.42	99	56938.86	162357								
1400	1912.5	56589.58	99	56945.06	162432								
1400	1925	56615.9	99	56971.46	162512								
1400	1937.5	56639.57	99	56995.12	162537								
1400	1950	56608.28	99	56963.85	162617								
1400	1962.5	56585.8	99	56941.3	162657								
1400	1975	56603.58	99	56959.1	162727								
1400	1987.5	56610.46	99	56965.94	162757								
1400	2000	56597.09	99	56952.63	162832								
1450	2000	56569.75	99	56925.28	163042								
1450	1987.5	56556.67	99	56912.07	163302								
1450	1975	56536.63	99	56892.19	163347								
1450	1962.5	56515.35	99	56870.97	163422								
1450	1950	56718.58	99	57074.23	163512								

1450	1937.5	56660.29	99	57015.99	163602														
1450	1925	56655.67	99	57011.45	163632														
1450	1912.5	56599.84	99	56955.64	163652														
1450	1900	56570.14	99	56925.89	163712														
1450	1887.5	56568.19	99	56923.97	163737														
1450	1875	56581.79	99	56937.56	163812														
1450	1862.5	56563.74	99	56919.51	163837														
1450	1850	56584.44	99	56940.27	163907														
1450	1837.5	56571.07	99	56926.86	163942														
1450	1825	56571.45	99	56927.21	164007														
1450	1812.5	56566.22	99	56922.02	164112														
1450	1800	56562.27	99	56918.15	164147														
1450	1787.5	56577.34	99	56933.27	164242														
1450	1775	56576.32	99	56932.32	164317														
1450	1762.5	56570.69	99	56926.65	164357														
1450	1750	56588.53	99	56944.66	164442														
1450	1737.5	56595.86	99	56952.04	164522														
1450	1725	56586.07	99	56942.2	164612														
1450	1712.5	56591.72	99	56947.79	164642														
1450	1700	56571.92	99	56927.85	164727														
1450	1687.5	56573.15	99	56929.12	164757														
1450	1675	56574.81	99	56930.75	164822														
1450	1662.5	56577.48	99	56933.47	164842														
1450	1650	56574.12	99	56930.1	164902														
1450	1637.5	56574.05	99	56929.91	164922														
1450	1625	56571.21	99	56927.16	165002														
1450	1612.5	56573.13	99	56929.18	165032														
1450	1600	56578.38	99	56934.44	165117														
1450	1587.5	56562.81	99	56918.88	165152														
1450	1575	56564.95	99	56921.01	165227														
1450	1562.5	56570.61	99	56926.66	165257														
1450	1550	56575.25	99	56931.31	165327														
1450	1537.5	56577.12	99	56932.93	165407														
1450	1525	56576.42	99	56932.32	165432														
1450	1512.5	56600.52	99	56956.54	165502														
1450	1500	56583.56	99	56939.64	165537														

1450	1487.5	56577.71	99	56933.81	165607																
1450	1475	56583.18	99	56939.21	165637																
1450	1462.5	56582.01	99	56938.01	165717																
1450	1450	56576.17	99	56932.19	165737																
1450	1437.5	56586.16	99	56942.21	165802																
1450	1425	56589.78	99	56945.72	165832																
1450	1412.5	56584.06	99	56940.13	165902																
1450	1400	56592.23	99	56948.24	165932																
1450	1387.5	56599.62	99	56955.65	165952																
1450	1375	56595.55	99	56951.6	170027																
1450	1362.5	56597.16	99	56953.1	170057																
1450	1350	56605.21	99	56961.34	170347																
1450	1337.5	56590.37	99	56946.47	170417																
1450	1325	56615.47	99	56971.6	170457																
1450	1312.5	56591.24	99	56947.4	170532																
1450	1300	56600.06	99	56956.22	170557																
1450	1287.5	56574.78	99	56931.05	170722																
1450	1275	56585.5	99	56941.75	170742																
1450	1262.5	56587.47	99	56943.78	170802																
1450	1250	56594.6	99	56950.93	170822																
1450	1237.5	56604.77	99	56961.12	170842																
1450	1225	56580.89	99	56937.2	170912																
1450	1212.5	56591.9	99	56948.22	171002																
1450	1200	56591.6	99	56947.94	171232																

October 18 2005, East Grid

X	Y	nT	sq	cor-nT	time	Oct 18 - East grid																			
2150	2100	56556.66	99	56915.52	100222																				
2150	2112.5	56550.66	99	56909.42	100307	duplicates																			
2150	2125	56571	99	56929.9	100337	02150E	02100.00N	56556.66	99	56915.52	100222														
2150	2137.5	56583.08	99	56942.63	100412	02150E	02100.00N	56556.44	99	56915.17	100232														
2150	2150	56568.21	99	56928.31	100442	02150E	02187.50N	56557.18	99	56917.06	100652														
2150	2162.5	56587.18	99	56947.31	100517	02150E	02187.50N	56577.53	99	56937.34	100702														
2150	2175	56578.17	99	56938.14	100557	02150E	02187.50N	56566.57	99	56926.31	100717														
2150	2187.5	56577.53	99	56937.34	100702	02150E	02487.50N	56557.07	99	56918.14	102007														

2150	2200	56573.16	99	56932.85	100752	02150E	02487.50N	56569.69	99	56930.39	102022
2150	2212.5	56571.18	99	56930.7	100817	02150E	02487.50N	56569.56	99	56930.44	102052
2150	2225	56578.33	99	56937.95	100842	02150E	02600.00N	56586.33	99	56947.92	102517
2150	2237.5	56576.48	99	56936.16	100912	02150E	02600.00N	56567.7	99	56929.33	102537
2150	2250	56586.84	99	56946.77	100942	02150E	02600.00N	56566.13	99	56927.68	102547
2150	2262.5	56580.69	99	56940.5	101012						
2150	2275	56571.66	99	56931.62	101037	02100E	02525.00N	56548.01	99	56908.77	103212
2150	2287.5	56566.23	99	56926.59	101122	02100E	02525.00N	56559.26	99	56919.85	103227
2150	2300	56564.47	99	56925.7	101227	02100E	02512.50N	56557.54	99	56917.92	103302
2150	2312.5	56572.6	99	56933.24	101247	02100E	02512.50N	56554.53	99	56914.94	103322
2150	2325	56555.56	99	56916.17	101317	02100E	02512.50N	56555.44	99	56915.84	103332
2150	2337.5	56570.21	99	56931.75	101342	02100E	02512.50N	56558.47	99	56918.88	103342
2150	2350	56574.44	99	56936.08	101412	02100E	02512.50N	56555.24	99	56915.63	103417
2150	2362.5	56568.99	99	56930.31	101442	02100E	02500.00N	56534.65	99	56894.92	103452
2150	2375	56569.01	99	56930.06	101517	02100E	02500.00N	56536.28	99	56896.54	103507
2150	2387.5	56559.94	99	56921.02	101547	02100E	02225.00N	56556.24	99	56915.44	104627
2150	2400	56565.51	99	56926.88	101622	02100E	02225.00N	56557.59	99	56916.72	104637
2150	2412.5	56555.27	99	56916.71	101707	02100E	02000.00N	56576.95	99	56936.31	105522
2150	2425	56557.51	99	56918.85	101737	02100E	02000.00N	56541.27	99	56901.13	110547
2150	2437.5	56561.36	99	56922.62	101802	02100E	02000.00N	56542.55	99	56902.31	110602
2150	2450	56576.16	99	56937.54	101827						
2150	2462.5	56569.14	99	56930.55	101857	02050E	02000.00N	56579.19	99	56937.83	110757
2150	2475	56594.62	99	56955.89	101932	02050E	02000.00N	56579.49	99	56938.14	110807
2150	2487.5	56569.56	99	56930.44	102052	02050E	02012.50N	56543.52	99	56902.34	110837
2150	2500	56575.25	99	56936.35	102117	02050E	02012.50N	56540.55	99	56899.45	110857
2150	2512.5	56577.94	99	56939.04	102137	02050E	02425.00N	56536.77	99	56897.27	112517
2150	2525	56574.76	99	56936.01	102202	02050E	02425.00N	56539.42	99	56899.89	112527
2150	2537.5	56579.06	99	56940.17	102227						
2150	2550	56572.19	99	56933.64	102252	02000E	02600.00N	56588.59	99	56949.62	113432
2150	2562.5	56566.39	99	56927.97	102332	02000E	02600.00N	56589.8	99	56950.81	113442
2150	2575	56549.77	99	56911.19	102357	02000E	02412.50N	56524.1	99	56886.29	114217
2150	2587.5	56542.77	99	56904.23	102422	02000E	02412.50N	56537.39	99	56899.56	114232
2150	2600	56566.13	99	56927.68	102547	02000E	02412.50N	56549.53	99	56911.66	114247
2100	2600	56556.19	99	56917.24	102812	02000E	02175.00N	56510.06	99	56873	115442
2100	2587.5	56559.27	99	56920.29	102847	02000E	02175.00N	56537.13	99	56900.19	115502
2100	2575	56551.32	99	56912.63	102937						

2100	2562.5	56561.14	99	56922.03	103017	01950E	02350.00N	56571.54	99	56938.89	122042
2100	2550	56557.94	99	56918.78	103107	01950E	02350.00N	56568.29	99	56935.8	122052
2100	2537.5	56561.78	99	56922.89	103142	01950E	02387.50N	56572.29	99	56939.71	122247
2100	2525	56559.26	99	56919.85	103227	01950E	02387.50N	56570.76	99	56938.13	122257
2100	2512.5	56555.24	99	56915.63	103417	01950E	02600.00N	56528.68	99	56897.2	123102
2100	2500	56536.28	99	56896.54	103507	01950E	02600.00N	56529.05	99	56897.74	123112
2100	2487.5	56544.24	99	56904.39	103542						
2100	2475	56554.39	99	56914.23	103617	01900E	02600.00N	56569.53	99	56938.79	123357
2100	2462.5	56553.69	99	56913.22	103652	01900E	02600.00N	56569.35	99	56938.63	123407
2100	2450	56559.03	99	56918.46	103742						
2100	2437.5	56550.39	99	56909.89	103812	01900E	02412.50N	56557.81	99	56926.8	124152
2100	2425	56567.64	99	56927.14	103837	01900E	02412.50N	56547.18	99	56916.11	124212
2100	2412.5	56551.87	99	56911.75	103907	01900E	02412.50N	56536.36	99	56905.43	124237
2100	2400	56565.38	99	56925.57	103937	01900E	02387.50N	56492.83	99	56861.69	124457
2100	2387.5	56545.77	99	56905.97	104007	01900E	02387.50N	56509.78	99	56878.66	124537
2100	2375	56553.93	99	56913.91	104032	01900E	02387.50N	56507.38	99	56876.27	124547
2100	2362.5	56570.73	99	56930.63	104052	01900E	02125.00N	56562.59	99	56933.66	125752
2100	2350	56560.14	99	56920.08	104117	01900E	02125.00N	56561.94	99	56933.04	125802
2100	2337.5	56562.69	99	56922.69	104147	01900E	02000.00N	56556.67	99	56927.96	130257
2100	2325	56561.42	99	56921.23	104212	01900E	02000.00N	56555.02	99	56926.43	130307
2100	2312.5	56558.54	99	56918.25	104247						
2100	2300	56562.79	99	56922.45	104317	01850E	02000.00N	56532.35	99	56903.73	131127
2100	2287.5	56547.92	99	56907.5	104342	01850E	02000.00N	56532.43	99	56903.82	131137
2100	2275	56557.55	99	56917.18	104417	01850E	02412.50N	56500	99	56869.9	132957
2100	2262.5	56560.03	99	56919.51	104442	01850E	02412.50N	56538.01	99	56907.57	133012
2100	2250	56572.62	99	56932.11	104512	01850E	02412.50N	56534.23	99	56903.71	133022
2100	2237.5	56577.48	99	56937.07	104537	01850E	02600.00N	56547.91	99	56916.52	133832
2100	2225	56556.24	99	56915.44	104627	01850E	02600.00N	56527.17	99	56895.75	133842
2100	2212.5	56569.67	99	56928.75	104702	01850E	02600.00N	56522.28	99	56890.69	133852
2100	2200	56564.45	99	56923.28	104737						
2100	2187.5	56570.13	99	56929.18	104802						
2100	2175	56575.73	99	56935.2	104827						
2100	2162.5	56557.26	99	56916.68	104857						
2100	2150	56572.35	99	56931.59	104922						
2100	2137.5	56565.69	99	56924.85	105012						
2100	2125	56566.75	99	56925.77	105042						

2100	2112.5	56559.73	99	56918.7	105112														
2100	2100	56562.19	99	56921.2	105142														
2100	2087.5	58561.91	99	56920.91	105227														
2100	2075	58559.12	99	56917.56	105257														
2100	2062.5	56564.3	99	56922.77	105322														
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2100	2012.5	56572.4	99	56931.75	105457														
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2050	2162.5	56557.86	99	56917.92	111517														
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2050	2187.5	56559.69	99	56919.81	111612														
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2050	2462.5	56535.12	99	56895.6	112702														
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2000	2362.5	56530.22	99	56892.41	114447								
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2000	2275	56531.09	99	56893.93	115007								
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2000	2237.5	56535.91	99	56898.88	115202								
2000	2225	56548.32	99	56910.96	115227								
2000	2212.5	56542.16	99	56904.83	115317								
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2000	2187.5	56551.36	99	56914.17	115412								
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1950	2137.5	56548.11	99	56913.89	121212									
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1950	2187.5	56550.44	99	56916.64	121442									
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1900	2200	56514.79	99	56885.01	125352					
1900	2187.5	56537.98	99	56908.11	125422					
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1900	2150	56538.85	99	56909.53	125657					
1900	2137.5	56503.28	99	56873.98	125722					
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1900	2112.5	56535.75	99	56906.97	125827					
1900	2100	56538.45	99	56909.56	125857					
1900	2087.5	56553.99	99	56925	125927					
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1900	2062.5	56552.87	99	56923.9	130047					
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1900	2037.5	56539.93	99	56911.23	130137					
1900	2025	56537.37	99	56908.62	130202					
1900	2012.5	56504.49	99	56875.48	130227					
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1850	2025	56539.18	99	56910.79	131302					
1850	2037.5	56531.28	99	56902.48	131337					
1850	2050	56525.24	99	56896.62	131402					
1850	2062.5	56549.7	99	56921.65	131437					
1850	2075	56557.75	99	56929.49	131502					
1850	2087.5	56545.17	99	56916.8	131542					
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1850	2175	56538.55	99	56909.51	131947					
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1850	2462.5	56551.8	99	56920.92	133227														
1850	2475	56550.71	99	56919.61	133257														
1850	2487.5	56553.17	99	56921.8	133322														
1850	2500	56532.17	99	56901.01	133347														
1850	2512.5	56550.4	99	56919.67	133422														
1850	2525	56540.29	99	56909.38	133447														
1850	2537.5	56544.15	99	56912.88	133522														
1850	2550	56535.19	99	56904.21	133607														
1850	2562.5	56561.62	99	56930.23	133647														
1850	2575	56541.01	99	56910.08	133722														
1850	2587.5	56529.85	99	56898.6	133802														
1850	2600	56527.17	99	56895.75	133842														