

2003 Reconnaissance Geology and Prospecting
East Timmins Area
3001360, et al
Larder Lake Mining Division
Barnet, Cook, Michaud,
Garrison, Thackeray Townships

UTM 0555000E- 0580000E
5360000N- 5370000N
NTS 32 D & 42A

June 8, 2005
Matheson, ON

St. Andrew Goldfields Ltd.
Michael W. Leahey

2.30130

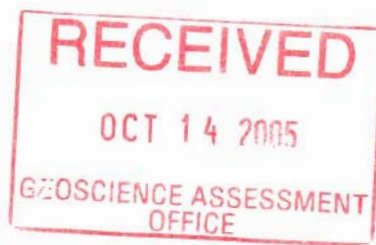


Table of Contents

Introduction	p 3	
Claim Data	p 3	
Regional Geology	p 4	
Reconnaissance Geology and Prospecting	p 4	
Conclusion	p 6	
References	p 7	
Statement of Qualifications	p 8	
Appendix 1 Summary of Fieldwork	p 9	
Appendix 2 Field Notes, Field Maps	p 10	
Appendix 3 Certified Assay Results	p 11	
Geology Legend	after p 4	
List of Figures		
Figure 1	2003 Recon Geology/Prospecting East Timmins Region (1:50,000)	end of report
Figure 2	2003 Recon Geology/Prospecting L-3001360 (1:10,000)	end of report
Figure 3	2003 Recon Geology/Prospecting L_1217538,1225241,1217537,1249193 (1:10,000)	end of report
Figure 4	2003 Recon Geology/Prospecting L-1242043, 3003120, 1199877 (1:10,000)	end of report
Figure 5	2003 Recon Geology/Prospecting L-3001366, 1199880 (1:10,000)	end of report
Figure 6	2003 Recon Geology/Prospecting L-800515, 1218683 (1;10,000)	end of report
Figure 7	2003 Recon Geology/Prospecting Patent 28889 (1:10,000)	end of report
Figure 8	2003 Recon Geology/Prospecting Claim Location Map (1:50,000)	end of report

Introduction

Starting in early June , 2003 two field crews consisting of a geologist and a fieldman undertook reconnaissance geology and prospecting on 13 widespread claims owned by or under option to St. Andrew Goldfields Ltd. in the East Timmins region approximately 20-50 km east of Matheson, ON (Figures 1,8). One crew was lead by geologist Paul Degagne of St Andrew Goldfields, with assistance by prospector Steve Stares of Stares Contracting Corp from Thunder Bay, the second by geologist M W Leahey of Bayshore Geology Inc. with the assistance of prospector Mick Stares. These crews initially spent 13 days on this project, the remainder of the fieldwork was completed by the author with the assistance of fieldman Dan Dunstan of St Andrew Goldfields. Fieldwork was carried out on the following days June 8-20, 24, 25, July 12, 15-18, 21-22, 24, 27, 2003.

Claim Data

St Andrew Goldfields Ltd. owns and controls some 500 claims approximately 2500 units in the East Timmins area of Ontario. During the 2003 prospecting survey, rock samples were collected from 12 claims and one patent on the claim holdings east of Matheson. The claim data of this survey follows: (Figure 8):

L-3001360 12units	Anniversary Date July 4, 2005 Cook Twp
L-1217538 16 units	Anniversary Date July 16, 2005 Barnet Twp
L-1225241 4 units	Anniversary Date June 6, 2007 Barnet Twp
L-1217537 9 units	Anniversary Date July 16, 2005 Barnet Twp
L-1249193 8 units	Anniversary Date June 12, 2006 Barnet Twp
L-1242043 9 units	Anniversary Date July 13, 2005 Barnet Twp
L-3003120 6 units	Anniversary Date August 25, 2005 Barnet Twp
L-1199877 8 units	Anniversary Date July 30, 2005 Thackeray Twp
L-3001366 16 units	Anniversary Date July 11, 2005 Thackeray Twp
L-1199880 8 units	Anniversary Date July 30, 2005 Thackeray Twp
L-800515 1 unit	Anniversary Date May 22, 2006 Garrison Twp
L-1218683 12 units	Anniversary Date June 11, 2006 Michaud Twp
Patent 28889 1 unit	Garrison Twp

Road access to the claim blocks is good, gravel roads and old logging trails cover nearly all the properties, trucks and ATV quads were used to access the 13 claims. The maximum distance from paved highway was 35 kilometers. The topography is rolling and consists of esker, pine ridges, boreal forest and low swampy, peat bogs.

Regional Geology

The property is in the Timmins-Kirkland Lake portion of the Southwestern Abitibi Greenstone Belt, the Archean rocks form a thick succession of predominately mafic volcanics with lesser sedimentary, felsic volcanic units and high level porphyry dykes scattered throughout. The succession forms a broad, easterly plunging synclinorium stretching from the Timmins area eastward to the Noranda area of Quebec.

A number of major brittle to ductile deformation zones transgress these supracrustal rocks with the Porcupine-Destor Fault Zone (PDZF) or "Break" being the most significant. Gold deposits are commonly localized within and close to the PDFZ along its 125 mile length from Timmins eastward beyond the Destor area of Quebec. In Garrison township the deformation zone associated with the Porcupine-Destor Fault is quite broad and its limits are marked as PDZFN and PDZFS.

Parallel to the Porcupine-Destor Fault Zone (Figure 1,8) are a number of east west structures and some later north to northwest trending fault zones. There are currently two producing gold mines, (Harker Holloway deposit and the Holt-McDermot mine) as well as an advanced exploration program underway (Glimmer-Black Fox deposit), a number of historic showings, former open pit operations (Arrow, Hislop West) and past producing underground gold mines (Ross and Hislop) all within this area east of Matheson and west of the Ontario-Quebec provincial border.

In 1992 the OGS published Special Volume 4 where the Archean supracrustals are divided into a number of assemblages based on geochronology. The rocks underlying the 13 claims of Cook, Barnet, Thackeray, Michaud and Garrison townships are within the North Kinojevis assemblage 2703-2700 Ma. The aeromagnetic pattern of this assemblage consists of alternating long bands of high and low magnetic relief.

Reconnaissance Geology and Prospecting

The claims were prospected and recon mapped by two man teams. Float, boulder and outcrop were located on field sketches and tied into NAD 27 UTM grid system co-ordinates. A total of 84 rock samples were collected and forwarded to Swaskita Laboratories for analysis. The geology legend used follows this page.

1 Claim: 300160, Cook Township: Figures 1-2, 8, Appendix 2. The previously mapped northwest trending Ross fault crosses the western side of the claim, a subparallel fault, the Cook fault, is interpreted from magnetics 1.8 kilometers east of the claim. Two splays from the east west Phoenix fault bound the claim one just north and immediately south of the upper and lower claim lines. Both splay faults are interpreted from detailed aeromagnetic data extended from historic diamond drill hole information.

Five samples were sent for assay from this claim. Bedrock outcrop consists of fine grained mafic volcanics and large pillowed mafic flows. The flow contacts tend east west and are vertical or steeply south dipping. Local shearing trend 290-305 with vertical or steep southwest dips. The majority of the pillow facing appear south. Sample 380622 is a narrow (12cm) quartz carbonate vein striking 300 and dipping 50SW in mafic volcanics. Assay value was 381 ppb Au for this sample. Sample 380629 was a section of green carbonate with quartz veining and disseminated sulphides. A number of poorly exposed float or rubble boulders lie on a shallow dipping quartz epidote vein with coarse grained (slickensided fault plane) occur at this site, on the south side of a hogback shaped outcrop. A very old square pit (0.75m across) to the west of these boulders was found and evidence of more recent blasting was also discovered. 380629 assay value was 309 ppb Au. Sample 380630 consisted of quartz flooding or vein sweats in a northwest trending fracture zone, just north of old pit, assay value was 651 ppb Au.

4 claim group 1217537 et al, Barnet Township west of Barnet Lake: Figures 1,3,8 Appendix 2. The east west trending Ghostmount fault crosses near the bottom of claim 1249193. The Ghostmount fault was previously regional mapped in Harker township and it is extended by magnetics through this region. The surface fault trace is covered by a wet peat bog south of the Pike river. A northwest trending sigmoidal fault joins the Ghostmount at the east boundary of claim 1249193 and the Phoenix fault 2km to the south. The detailed aeromagnetics pattern outlines a broad curvilinear mag high centered near Barnet Lake and a northwest linear interpreted to be the joining fault. In the field this area is also a peat bog (1km by 500 m) on the east side of the bog is an exploration shaft dating from the 1920's, on the west side of bog is the large mafic volcanic exposures in 1217537. Sections of claims 1217537 and 1217538 were clearcut during the winter of 2002-2003.

The large area of outcrop in 1217537 consists of fine grained mafic volcanics and lesser amount of amygdaloidal basalt no pillow structures were readily apparent. The overall trend of the exposures are 070-090 degrees and appear vertical. Near the north end of this claim there are a number of narrow (20-50cm) syenite, syenite porphyries and narrow (10-30)quartz veins exposed in outcrop and old pits. The dykes trend north to northwest and some of the quartz veins trend 120 degrees and dip 50 degrees SW. The anomalous gold values 37967 (170ppb) and 37968(434ppb) occur close to syenite dykes within fe-carbonate altered mafic volcanic with disseminated and stringer pyrite veins. There is no outcrop exposure to the north or east, the dykes, quartz veins, alteration, anomalous gold values encountered may be on the edge of hydrothermal system associated with the Ghostmount, Joining Fault or the curvilinear magnetic feature. Sample 37960 a coarse grained mafic flow or gabbro was also anomalous in gold, 142 ppb.

On claim 1225241 two samples were anomalous 49007 a syenite porphyry near mafic volcanic contact in old trench, main Bowitha Mines showing, returned highest value of 6480 ppb Au for the survey area. Just south of this showing is a more recent small trench dug either by Boulder Mining or Chevron that exposes syenite intruding and assimilating mafic volcanics with xenoliths of hornfels country rock. A number of small syenite dykes 49003-49005 were sampled but no additional high values were returned. The dykes were all recessive as opposed to the resistant volcanics. The second anomalous value was in sample 37959 which returned a gold value of 439 ppb in a rusty gabbro, or coarse grained mafic flow with disseminated pyrite. The sample was taken close to the contact with a diabase dyke.

In claim 1217538 two samples were of interest the first 49003 was from an old pit area, no significant value, the second sample was 49063; one of two boulders of highly altered green carbonate, fe-carbonate alteration and quartz veining with minor sulphides. However no significant gold value was returned.

5 claim group 1199877 et al, Barnet and Thackeray Townships: Figures 1, 4,5,8 Appendix 2. The west to southwest trending Ghostmount fault crosses claim 1199880 at its lower third. The Phoenix fault and a subsidiary splay fault cuts 3003120, 1242043 and claim 1199876.

The majority of outcrop on the claims are mafic volcanics with the dominant flows being pillowed units. Some individual units large pillows measure 20-25cm by 1.5m. Other volcanic units include variolitic mafic flow, amygdaloidal basalt, mafic flow top breccia and massive fine grained flows. Strike of the units varies from 070 to 100 degrees with vertical dips. Shearing appears locally and trend 080 degrees with a 80 degree NW dip There are a few massive ultramafic units exposures that tend to very small and poorly exposed outcrops. The ultramafics appear as massive flow and as coarser grained intrusives. They occur north of the main ridge exposures in claim 1199877 and claim 1199880. A few small syenite sills and dykes, generally 1-2 meters wide were mapped and sampled. Gabbro, diabase and biotite lamprophyre outcrop and float were also encountered. In addition some narrow quartz, quartz carbonate veins as well as weakly alteration rocks with minor sulphides were sampled. No significant assays were returned from the rock sampled from these five claims.

2 claim group 800515 et al, Michaud and Garrison Township: Figures 1, 6 Appendix 2. The east west to west south west McKenna fault crosses claim 800515 and 1218683 south of the outcrop

exposures. The McKenna fault offsets a north to northwest fault between the PDFZS and the Ghostmount fault.

Outcrop exposure consists of mostly large pillowed mafic volcanics with some flow top breccia and fine grained flows. Strike of the units is 080 degrees and a 90 degree dip, with shearing subparallel to the contacts. Samples 37768 and 37769, 888 ppb Au and 653 ppb Au respectively are both green carbonate float boulders in claim 800515 but have been glacial transported. The boulders are 0.5meter by 1m in dimensions. A bedrock source was not located for the boulders.

1 patent 28889 (Deed 8080124) Garrison Township: Figure 1, 7 Appendix 2. The east west to west south west trending McKenna fault trends north of the outcrop exposure while the north south trending Canyon Creek Fault passes west of the outcrop ridge. There is no offset at the intersection of the faults.

4 samples (3772-3775) were taken from this patent, two of the samples were mapped as fine grained massive mafic flows, the other two were described as either gabbro or coarse grained mafic units. No significant assay results were returned for these samples.

Conclusion

The field work summary results are plotted on Figure 1, assay samples are marked by a black circle if the values were less than 100 ppb, a colour and scale/ symbol present the different ranges of gold values returned from the corresponding sample number. Detailed maps Figures 2-7 present all the sample numbers, location relative to the claim boundaries and NAD 27 UTM reference co-ordinates. Sample number, UTM, assay result, lithology and comments are presented in Appendices 1. Appendix 2 presents field notes and field maps. Appendix 3 presents certified assay results. Gold values ranged from 0-6480 ppb. Rock units encountered included mafic volcanic, ultramafic volcanic, felsic rocks, sediments, syenites, porphyries, quartz, quartz carbonate veins and late diabase dykes. There were areas of strong deformation, alteration and sulphide mineralization +/- gold values. Fieldwork continues on these properties.

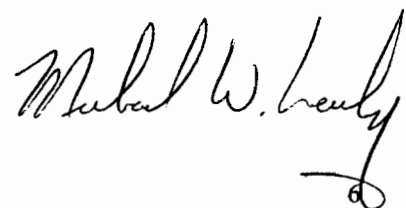
1 claim 300160 Cook Township 3 trenches were excavated on this claim,. The trenches were mapped and channel sampled. A bedrock source for the anomalous green carbonate quartz boulders were not found. Rock samples collected for whole rock geochemistry.

4 claim group 1217537 et al, Barnet Township west of Barnet lake. Linecutting and gradient IP survey completed on claims. 2 drill hole undertaken on IP target and through region of strong magnetics. Number of syenite dyke and altered and hornfelsed mafic volcanics encountered in drill hole. Fine grained widely distributed pyrite, number of calcite veins and a number of gabbro intrusives. No significant values. Rock and core samples collected for whole rock.

5 claim group 1199877 et al, Barnet and Thackeray. No additional work undertaken

2 claim group 800515 Michaud and Garrison Township, linecutting and gradient IP survey undertaken, 4 diamond drill holes completed. Intersected strongly carbonatized McKenna fault and altered mafic volcanic. No significant values, core and rock samples collected for whole rock geochemistry.

1 patent 28889 (Deed 8080124) Garrison Township No additional work undertaken



References

Ayer, J. A., Berger B. R. and Trowell N. F. 1999 Geological compilation of the Lake Abitibi greenstone belt; Ontario Geological Survey, Map P3398, Scale 1:100,000.

Roscoe, W.E and MacCormack L. 1999, Report on the Stock Mine, Taylor Mine, Hislop Mine, Fenn-Gib Project and other properties in the Timmins area, Northeastern, Ontario, Prepared for St. Andrew Goldfields Ltd. Roscoe Postle Associates Inc., p1-107.

Jackson, S.L, Fyon, J.A. 1992. The Western Abitibi Subprovince In Ontario; in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p. 405-485

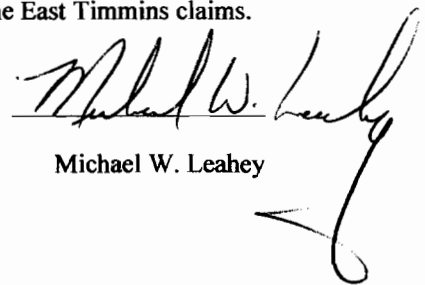
Statement of Qualifications

I, Michael W. Leahey of 13 Ash Drive, Charlottetown, PE hereby state the following:

- graduated in 1973 from St. Francis Xavier University, Antigonish , N.S., with a BSc Major in Geology
- have been employed in the exploration industry as a geologist since graduation by senior and junior mining companies throughout Canada and abroad
- have worked in the Timmins area since 1996.
- have no direct or indirect interest in the securities of St. Andrew Goldfields Ltd.
- am a Fellow of the Geological Association of Canada
- am a member of the Association of Professional Geologists of Ontario
- This report is based on my general knowledge of the Timmins/ Matheson area, my experience in the other gold camps of Ontario and direct field mapping and prospecting on the East Timmins claims.

June 8, 2005

Charlottetown, PE


Michael W. Leahey

STATEMENT of QUALIFICATIONS

1. I, Paul R. Degagne of 330 Victoria Ave., Timmins, ON hereby state the following:
2. I received an Honours B.Sc. in Geology from Laurentian University, Sudbury, ON, in 1982 and have worked continuously in the mining industry since graduation
3. I am a Professional Geologist, in good standing, with the Association of Professional Geoscientists of Ontario – Member Number 0107
4. I am currently employed by St Andrew Goldfields Ltd., RR #2, Matheson, ON as Chief Mine Geologist – Stock gold Complex
5. I have worked in the Timmins area since 1997



Paul R. Degagne

October 8, 2005

Fractal Graphics Lithology Codes for Central Timmins (15 July, 2002 4:50pm)

In general, only code intervals if they are greater than 1-2 ft (25-50cm) in length. Coder discretion is allowed within these intervals. Otherwise always code larger intervals, never code smaller intervals.

Unknown

OOO	Unknown				
		OBO	Bedrock, unknown rock type		
		OLO	Lost core		

Casing or Overburden

HOO	Undivided Human, or Recent/Pleistocene				
		HCO	Casing, undivided	HCL	Casing left in hole
				HCP	Casing, pulled
		HPO	Overburden, undivided	HPG	Glacial: till, boulder beds etc
				HPL	Sand, Clay, Lacustrine

Late Intrusives (thought to post-date mineralisation)

LOO	Undivided				
		LLO	Lamprophyre	LLB	Biotite Lamprophyre
				LLP	Pebble Lamprophyre
		LDO	Late Diorites/dolerites	LDC	Coarse-grained Diorite
				LDF	Fine-grained diorite
				LDM	Medium-grained diorite
				LDP	Pokiloblastic diabase
		LKO	Kimberlite		

Visible Gold

GOL	Visible Gold (Only use this for SMALL intervals!)
-----	---

Veins and Quartz Rocks

QOO	Undivided				
		QVO	Quartz Vein, Undivided	QVC	Qtz Carbonate Vein
		QCO	Calcite/Carbonate Vein		

Faults and tectonic rocks

ZOO	Undivided				
		ZBO	Breccia (Only use for St Andrew Data)		
		ZCO	Cataclasite		
		ZFO	Fault	ZFZ	Fault Zone
		ZGO	Gouge		
		ZHO	Shear	ZHZ	Shear Zone
		ZSO	Schist, undivided	ZST	Talc +/- Chlorite Schist
		ZNO	Gneiss		

Highly Altered Rocks

AOO	Altered Rock, Undivided				
		AAO	Albite Altered Rock		
		ACO	Carbonate Altered Rock	ACH	Carbonate-chlorite
				ACG	Green or green-grey
		AEO	Sericitic Alteration	AEC	Sericite-Carbonate
		AFO	Fuchsite/Mariposite Alteration, generally includes carbonate And AFO will probably be equivalent to ACO. Use AFO where fuchsite specifically mentioned		
		AHO	Chloritic Alteration		
		AQO	Silica Alteration	AQC	Silica-carbonate
				AQE	Silica-sericite
				AQF	Silica-fuchsite
				AQH	Silica-chlorite
		ASO	Dominantly sulphide rock		

When multiple minerals/alterations are present (for example: silicified carbonate, or fuchsite carbonate schist, use this order of preference:

- Silica
- Fuchsite/Mariposite
- Sericite
- Carbonate
- Chlorite/Chloritic

Volcanics/Volcaniclastics

VOO	Volcanic Sequence (Archaean) includes volcaniclastics and volcanics				
				VOC	Crystal Tuff
				VOP	Pyroclastic, agglomerate
				VOT	Tuff
		VDO	Dolerite/Diorite	VDD	Differentiated dolerite
		VFO	Felsic Volcanic – use this for rhyolite and rhyo-dacite	VFT	Tuffaceous Felsic Volcanic
		VGO	Gabbro, undivided	VGC	Clino pyroxene gabbro
				VGB	Biotite gabbro
		VIO	Intermediate volcanic, undivided Use this for dacite	VIH	Intermediate hyaloclastic
				VIM	Massive intermediate volcanic
				VIP	Pillowed intermediate volcanic
				VIT	Intermediate tuffaceous
				VIV	Variolytic intermediate volcanic
				VIX	Intermediate Breccia
		VMO	Mafic volcanic undivided Use this for andesite, basalt	VMA	Amygdaloidal mafic volc
				VMH	Hyaloclastite mafic volcanic
				VMP	Massive pillowed volcanic
				VMM	Massive mafic volcanic
				VMV	Variolitic or spherulitic mafic volcanic
				VMX	Mafic breccia
				VMT	Tuffaceous Mafic Volcanic
		VUO	Ultramafic volcanic, undivided	VUK	Komattite
				VUP	Pyroxenite
				VUM	Massive UM
				VUT	Ultramafic Tuff, Lappilli, Volcaniclas.

Intrusives

IOO	Intrusive, undivided				
		IGO	Granitic, undivided, generally "external" granites		
		IFO	Felsic, undivided	IFD	Felsic dyke
		IIO	Intermediate intrusive	IID	Intermediate intrusive dyke
		IMO	Mafic intrusive, undivided	IMD	Mafic dyke
		IPO	Felsic porphyritic intrusive	IPF	Feldspar porphyry
				IPQ	Quartz porphyry
				IP2	Feldspar & Quartz porphyry
		IRO	Pegmatite, undivided		
		ISO	Syenitic intrusive, undivided	ISP	Porphyritic syenite
				ISX	Brecciated syenite
		IUO	Ultramafic Intrusive, undivided		

Sedimentary Rocks

SOO	Sedimentary Rocks Undivided – deposited with, and same age as volcanic sequence on next page				
		SCO	Conglomerates		
		SIO	Fine grained, interbedded, undivided	SIA	Argillite
		SLO	Mudstone/Siltstone	SLC	Carbonaceous/graphitic shale
		SSO	Sandstones	SSG	Greywacke
				SSA	Arkose
				SSQ	Quartzite
		STO	Cherts, undivided	STF	Banded Iron Formation

Appendix 1
Summary of Fieldwork

Target Fdlow-Up

Golden Reward Project - East Timmins

Assay Data

Sample	Au_ppb	Au_chk	utmeast	utmnorth	Township	Target	Results	Litho	MagS	Description
37767	2		573099	5367317	Garrison	Michaud T6	V	VGO	n/a	gabbro
37768	888	984	573192	5367083	Garrison	Michaud T6	V	ACG	n/a	green carb. Boulder
37769	653		573192	5367083	Garrison	Michaud T6	V	ACG	n/a	green carb. Boulder
37770	34		573207	5367147	Garrison	Michaud T6	V	VMP	n/a	pillowed mafic volcanics, altered selvages
37771	38		573268	5367098	Garrison	Michaud T6	V	VMO	n/a	fine grained mafic volcanic
37772	10		579692	5368275	Garrison	Garrison T11	V	VMO	6.12	massive mv, aphanitic, tr py, tr qv as stringers
37773	2		579529	5368292	Garrison	Garrison T11	V	VMO	37.8	massive mv, aphanitic to fg, tr py, minor rust on surface
37774	0	nil	579481	5368247	Garrison	Garrison T11	V	VGO	11.8	gabbro or coarse mv flow, tr py, epidote in fractures
37775	0	nil	579521	5368195	Garrison	Garrison T11	V	VGO	107	gabbro or coarse mv flow, tr py, rusty on joint surfaces
37797	10		570560	5362004	Barnet	Phoenix West	V	ISO	93.8	narrow syenite dyke in mafic volc
37798	7		570611	5362061	Barnet	Phoenix West	V	ISO	6.09	ridge, syenite rubble
37799	0	nil	570389	5362086	Barnet	Phoenix West	V	VMO	134	mafic, po. pyrite on fractures, trench
37959	439		565116	5362864	Barnet	Barnet Boulder	V	VGO	n/a	sulphide gossan in gabbro at end of road
37960	142		565992	5363361	Barnet	Barnet Boulder	V	VMO	n/a	mafic volcanic
37961	46		565922	5363416	Barnet	Barnet Boulder	V	VMO	n/a	mafic volcanic
37962	22		566299	5363700	Barnet	Anvil/Barnet T1	V	VMA	n/a	po, py in amygdaloidal basalt, green mica
37963	3		566136	5364032	Barnet	Barnet T1	V	VMO	n/a	fe-carb altered mafic volcanic
37964	10		566134	5364068	Barnet	Barnet T1	V	ISO	n/a	carb-altered syenite, qtz veins
37965	57		568134	5364066	Barnet	Barnet T1	V	ISO	n/a	carb-altered syenite, qtz veins
37966	26		566205	5364126	Barnet	Barnet T1	V	ISO	n/a	altered syenite, 5% pyrite
37967	170		566193	5364082	Barnet	Barnet T1	V	VMO	n/a	blast pit - mafic volcanic?
37968	434		566329	5363975	Barnet	Barnet T1	V	VMO	n/a	fe-carb altered mafic volcanic, py veinlets

Target Follow-Up

Golden Reward Project - East Timmins

Assay Data

	Sample	Au_ppb	Au_chk	utm east	utm north	Township	Target	Results	Utho	MagS	Description
	49003	9		565914	5362868	Barnet	Barnet Boulder	✓	VMO	167	sheared mafic volc, pyrite, pit in cutover
	49004	3		565454	5362980	Barnet	Barnet Boulder	✓	ISO	0.21	syenite porphyry, coarse grained, euhedral phenocrysts
	49005	50		565474	5363239	Barnet	Barnet Boulder	✓	ISO	0.08	syenite with pyrite
	49006	87	57	565401	5363244	Barnet	Barnet Boulder	✓	VMO	14	mafic volc silicified, sheared
	49007	6480	6720	565374	5363153	Barnet	Barnet Boulder	✓	ISO	0.34	syenite porphyry, main showing
	49008	27		574017	5364463	Thackeray	Barnet T4	✓	VMO	0.7	mafic volc serp, epidote
	49009	0	nil	573981	5364473	Thackeray	Barnet T4	✓	IUO	54	ultramafic intrusive, serpentinized
	49010	0	nil	573858	5365356	Thackeray	Barnet - Moneta	✓	VUO	0.78	ultramafic volc flow
	49011	10		573735	5365384	Thackeray	Barnet - Moneta	✓	QVO	0.57	quartz vein in pillow selvage
	49012	0	nil	573734	5365383	Thackeray	Barnet - Moneta	✓	VMP	0.46	pillowed mafic volc
	49013	0	nil	573607	5365381	Thackeray	Barnet - Moneta	✓	VMP	0.73	pillowed mafic flow
	49014	60	65	572763	5362174	Barnet	Barnet Phoenix	✓	VMV	52.8	variolitic basalt, trace pyrite
	49015	0	nil	572763	5362174	Barnet	Barnet Phoenix	✓	VMV	81.4	variolitic basalt, 5% pyrite
	49016	0	nil	572763	5362174	Barnet	Barnet Phoenix	✓	ISO	3.26	micaceous syenite
	49023	0	nil	573741	5363056	Thackeray	non target area	✓	VMO	0.4	massive mafic volc flow
	49024	0	nit	573742	5363104	Thackeray	non target area	✓	VMP	30.64	rusty pillowed mafic volc amygdaloidal
	49025	0	nil	573117	5363254	Thackeray	non target area	✓	VMO	0.75	eg euhedral porphyblasts in mafic volcanic
	49026	0	nil	573519	5363526	Thackeray	non target area	✓	VMO	0.26	mafic flow, hint of elong pillows
	49027	0	nil	573478	5363469	Thackeray	non target area	✓	VMP	0.6	large pillow mafic volc, Fe-carb, qtz selvages
	49028	14	12	573655	5363552	Thackeray	non target area	✓	AQC	0.2	quartz carb vein with pyrite
	49032	0	nil	573461	5363439	Thackeray	non target area	✓	VMP	70.8	large pillow mafic volc, wide Fe-carb rusty selvages
	49033	0	nil	573530	5363466	Thackeray	non target area	✓	VMP	26.8	massive pillow basalt
	49034	0	nil	573535	5363484	Thackeray	non target area	✓	VMP	0.89	large pillow mafic volc, wide Fe-carb rusty selvages
	49035	0	nil	573604	5363538	Thackeray	non target area	✓	VMP	15.8	large pillow mafic volc wide Fe-carb rusty selvages
	49037	0	nil	573659	5363572	Thackeray	non target area	✓	VMO	71	massive mafic flow, serp on subhor slips
	49038	0	nil	573659	5363572	Thackeray	non target area	✓	LLB	53.1	biotite lamprophyre, deeply weathered contact
	49039	0	nil	573687	5363561	Thackeray	non target area	✓	VMO	14.5	massive mafic flow, strong jointing
	49040	0	nil	573702	5363558	Thackeray	non target area	✓	VMO	44	massive mafic flow pyrite, epidote slips, Fe-carb
	49041	0	nil	573740	5363567	Thackeray	non target area	✓	VMO	24.7	massive mafic flow, serpentine
	49042	3		573740	5363557	Thackeray	non target area	✓	ISO	27.4	syenite trace pyrite

49043	0	nil	573808	5363558	Thackeray	non target area	√	VMO	1.31	massive mafic flow
49044	24	24	573802	5363536	Thackeray	non target area	√	VMO	0.38	strongly sheared mv, disseminated py, rusty, weathered siliceous
49045	0	nil	573808	5363544	Thackeray	non target area	√	VMO	0.17	strongly sheared mv, disseminated py, rusty, more quartz veining
49046	0	nil	573857	5363676	Thackeray	non target area	√	VUO	37.80	sheared ultramafic volcanic flow
49047	0	nil	573863	5363622	Thackeray	non target area	√	VMO	13.7	fine grained mafic flow, some pillows
49048	0	nil	573694	5363570	Thackeray	non target area	√	VMP	33.8	pillowed mafic flows

Target Follow-Up

Golden Reward Project - East Timmins























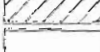

Assay Data

Sample	Au_ppb	Au chk	utm east	utm north	Township	Target	Results	Litho	MagS	Description
49049	0	nil	573995	5363581	Thackeray	non target area	V	ISP	0.26	syenite porphyry
49050	0	nil	574368	5363787	Thackeray	non target area	V	VMP	0.45	large pillow mafic volc, Fe-carb, qtz selvages
49052	501	492	566301	5363956	Bamet	Bamet T1	V	ISP	0.49	syenite porphyry with pyrite
49053	0	nil	566306	5363984	Barnet	Bamet T1	V	ISP	0.37	Fe-carb syenite porphyry, 3% pyrite
49054	3		566251	5364094	Bamet	Bamet T1	V	ISO	0.71	rusty sheared syenite
49055	3		566200	5364081	Barnet	Bamet T1	V	ISO	0.38	sheared syenite, 1-3% pyrite, old pits
49056	5		566184	5364075	Barnet	Bamet T1	V	VMA	0.7	amygdaloidal basalt
49057	0	nil	566183	5364098	Barnet	Barnet T1	V	ISO	0.53	rusty, Fe-carb syenite, 5% pyrite
49058	3		565891	5363890	Bamet	Bamet T1	V	VMO	43.60	massive mafic flow
49059	0	nil	566522	5364130	Bamet	Bamet T1	V	VMO	0.94	altered mafic volc
49060	2		566522	5384130	Bamet	Barnet T1	V	QVO	1.43	6" qtz vein, micaceous, pyrite
49061	65		566522	5384130	Bamet	Bamet T1	V	ISP	0.82	biotite syenite porphyry
49062	0	nil	566555	5364082	Bamet	Barnet T1	V	ISP	13.9	biotite syenite porphyry
49063	10		566503	5363040	Bamet	Bamet Anvll	V	ACG	4.15	2 large rubble boulders, Fe-carb, green carbonate with pyrite
380620	2		557914	5363629	Cook	CookT2	V	VMO	n/a	carb. mafic volcanic, boulder/subcrop
380621	29		557904	5363621	Cook	CookT2	V	VMO	n/a	bleached mafic volcanic, tr-1% pyrite
380822	381		558284	5363712	Cook	CookT2	V	QVC	n/a	200m east of pit, quartz-carb in pillowed mafics
380629	309		558086	5363699	Cook	CookT2	V	ACG	n/a	float showing, green carb and quartz veining
380630	651		558081	5363715	Cook	CookT2	V	QVO	n/a	quartz veining in mafic volcanics, just north of pit
49077	0	nil	572959	5367111	Michaud	Michaud T6	V	VMO	n/a	massive mafic flow
49078	0	nil	572731	5367026	Michaud	Michaud T6	V	VMP	n/a	pillowed mafic volc
49079	2		572552	5367201	Michaud	Michaud T6	V	VMX	n/a	mafic flow breccia, pillowed volc
49080	2		572487	5367141	Michaud	Michaud T6	V	VMO	n/a	massive mafic flow, weakly bleached
49081	3		572372	5367070	Michaud	Michaud T6	V	VMP	n/a	pillowed mafic volc
49082	26	33	572320	5367041	Michaud	Michaud T6	V	VMP	n/a	pillowed mafic flow
49083	3		572313	5367023	Michaud	Michaud T6	V	VMO	n/a	massive mafic flow

Rock

Code	Description
000	unknown
010	loam core
020	overburden, undivided
030	glacial till
040	lacustrine clay sand
050	late intrusive, undivided
060	lamprophyre
070	biotite lamprophyre
080	late diorite / dolerite
090	turbidite
100	undivided vein
110	quartz vein
120	carbonate vein
130	quartz carbonate vein
140	undivided volcanic
150	Alkaline volcanic, trachite
160	dolerite
170	felsic volcanic, rhyolite, rhyodacite
180	lufaceous felsic volcanic
190	gabbro
200	clinopyroxene gabbro
210	biotite gabbro
220	intermediate volcanic, dacite
230	pillowed intermediate volcanic
240	lufaceous intermediate
250	variolytic intermediate volcanic
260	intermediate volcanic breccia
270	mafic volcanic, basalt, andesite
280	amygdaloidal mafic volcanic
290	hyaloclastic mafic volcanic
300	pillow basalt
310	volcanic mafic volcanic
320	mafic breccia
330	lufaceous mafic volcanic
340	magnesian mafic volcanic
350	high Mg basalt
360	tholeiitic / high Fe basalt
370	ultramafic volcanic, undivided
380	kornatite
390	pyroxenite
400	leucite ultramafic, unshaped
410	intrusive, undivided
420	granite, undivided
430	felsic intrusive, undivided
440	felsic dyke
450	intermediate intrusive
460	intermediate dyke
470	mafic intrusive
480	mafic dyke
490	felsic porphyry intrusive

Geology Legend

	ACG - Green carbonated alteration
	HOO - Overburden
	IGO - Granodiorite - granite
	IIO - Intermediate intrusives
	IMO - Diorite - gabbro
	IPF - Feldspar +/- quartz porphyry
	IRO - Pegmatite
	ISO - Syenite
	IUO - Peridotite, pyroxenite, dunite
	LDO - Diabase and lamprophyre dykes
	OOO - Unknown
	QUO - Quartz +/- carbonate veins
	SCO - Conglomerate
	SOO - Shale, argillites, greywacke
	STF - Iron formation
	STO - Chert, chemical sediments
	VDO - Diabase textured flows
	VFO - Felsic volcanics
	VIO - Intermediate volcanics
	VMO - Mafic volcanics
	VOO - Volcanics - undiff.
	VUK - Ultramafic volcanics
	ZOO - Fault zones
	ZST - Talc chlorite shists +/- carbonate

Appendix 2
Field Notes, Field Maps

380618 - QTR run in
Pond just east well
up to 12' wide

(ST. ANDREWS)

380620 - Rubble, fufery
Boulders, carb. alteration
minor Fine. minor sil
up to 17. py VMO

380621 - Bleach of paper
Vol. TR to $\frac{1}{2}$ py VMO
minor QTR veins.

380622 - Base Vol.
followed some coll around
Salvage, Rusty, QUC, VMP

558284

536371

380629 - ACG

QTR run in waffle bed.
ACT. alteration: QVO, VMO

380630 QTR flooding
in pilled waffle
weak carb. sil,
(old P. +) 070, 110

380618 - QTR run on
Road patch and seal
up to 12' wide

(ST. ANDREWS)

380620 - Rubble, super
Boulders, carb. alternate
minus Fine. minus Sil
up to 12' PY VMO

380621 - Bleach of paper
Vol. TR to $\frac{1}{2}$ 7' PY VMO
minus QTR minus

380622 - Base Vol
pulled some carb around
Salvage, Rusty, QUC, VMP

558284

536371

380629 - ACG

QTR run in waffle road,
ACT. alternate QVO, VMO

380630 QTR flooding
in pulled waffle
week carb. sil,
(old P. +) QVO, VMO

M-13 Base Not

0565992 (✓

37960

5363361

VMO

M-24 - Galena indiana
granite - Epidote, for py

0565922 (✓

37961

5363416

VMO

① 0565116 E

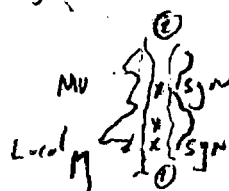
END of road into quarry

5362864 N

lined east side MU

② 0565527 N

5362843 N



~~273-2115~~

~~ATTN KIM~~

CIBC

→ Jay
copy of check
Hain

June 16, 2002

M-22

23

37960

24

37961

M-25 - P_0, P_1 Amygdaloidal BASALT

37962

Green Fuchsite, chlorite in vugs VMA

Winter road - survey

END of west lumber road

0565790 E

5362809 - track site lots of sgnmt, boulders

Route to Barnett 1 -

Start to 230m from anomaly F_1 MU

0566136 E

To Carb MU

M-26 - 37963

5364032 N

VMO

M-27 - Fe Carb, V, red, Sgn?

37964 ISO

M-28 - Fe Carb, Gr, py -

Fe Carb Sgn - 37965 ISO

PL end old road 076° - 0566134 E

5364068 N

✓ outcrop North of road. Fe carb out NS structure in oc until second road. Flat swampy after road

M-29 - sgnmt about 5% 37966 ISO

old claim post along road

P₁ 374519

P₂ 374518

B₃ 374517

P₄ 374520

0566205 E

5364126 N

M-30 0566193 E very old blue pit
37967 5364082 N



Lim Post 1200 M EAST of P₃ 1247193
566218 E
5364125 N

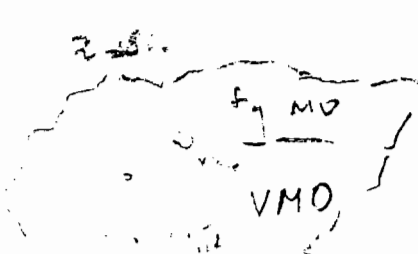
L12E 925N

L12E 875N - pillow vlc large rubble down
0566299 E
5363975 N

M-31 - 30E of PL - 37968 - VMO
at the carb - unsorted/dyblot p. etc.



275 M25



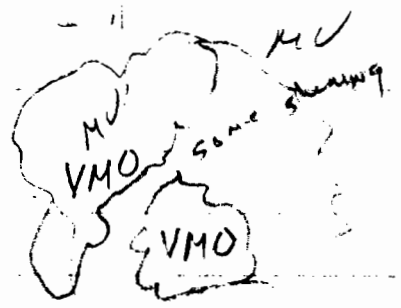
large oc w small pine trees

PL12E 600N

at carb

1 L 200E

June 17/



VMO M26 - 37963

Road east 090/70 NE drill road -

old water line, ^{concrete} ~~oil~~ cross

✓ 37959 at outcrop at road end to
V60 - rusty gabbro disseminated pyrite

June 24

Basil to

37767	-	Cabbro	VGO	ACG pg, epq, galena, YG
37768	-	0573192E / 5367083		N Green Carb, Qtz Flooding
37769	-	0573200E / 5367077		ACG N Green Carb, Qtz Flooding,
37770 Mich 1	-	0573207E / 5367147N		VMP Large Pillow MU, some Qtz.
37771 Mich 2	-	0573268E / 5367098N		VMO Fg grained basalt.

- park way. flow to terrace
- Komati pillow volcanics - ¹¹⁰ not dominant some NS structures.

37796 - Hislop mine site
 0552676 E
 5371309 N
 ms 0.83×10^{-3}

AA - Phoenix west -

△ narrow sgn dyke in MU
 37797 ISO

~~569655E~~ 570560E / 536200

△ 37798 ms 18.8×10^3 long - rubble symmetrical ridge. ISO
 - MU 134×10^{-3} 570611E / 5362061N

VMO

37799

fracture
 Matrix sole py. po and structures 570389E / 5362086N

ms MU 174×10^{-3}

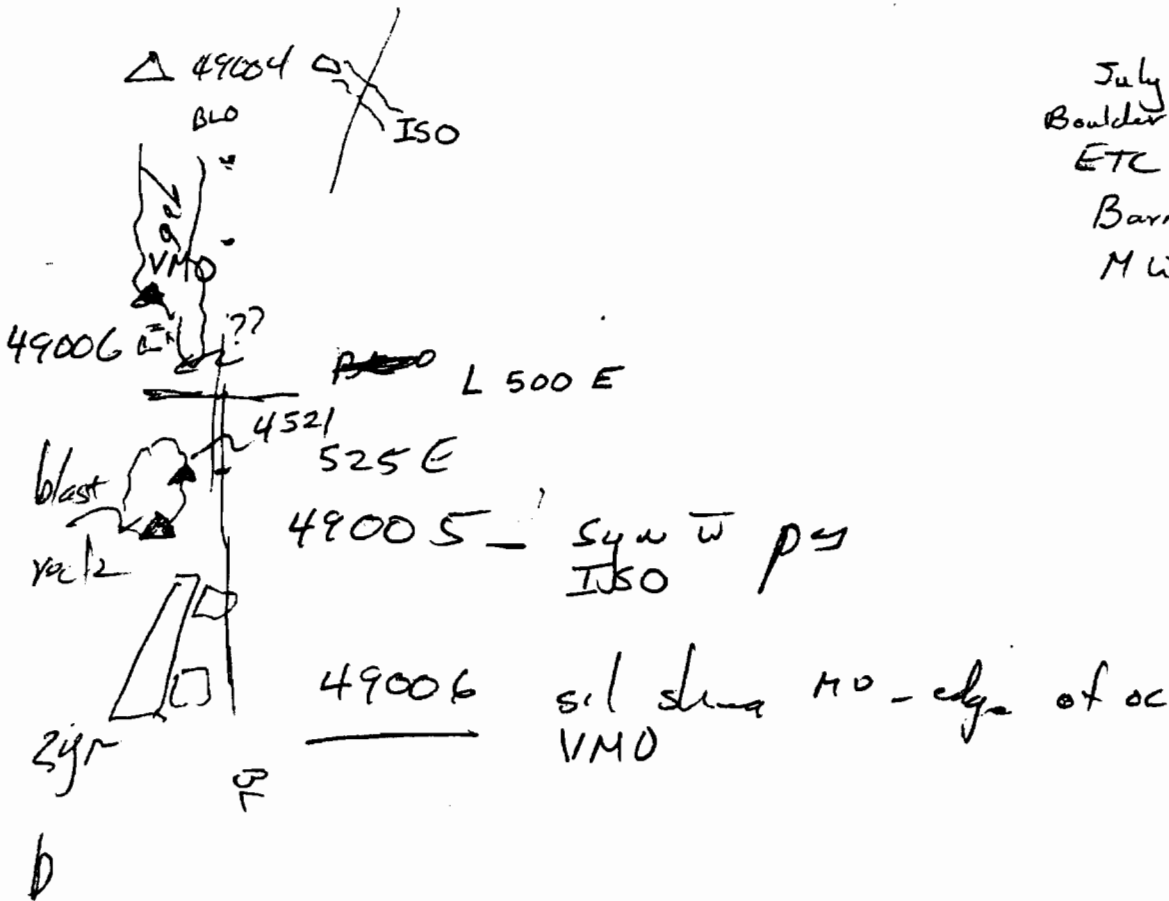
VMO

○ Pit 1 - "Boulder" in cut over near end of drabble road

49003 sh MU - pyrite VMO
MS - 167 $\times 10^{-3}$
0565914E 5362868.

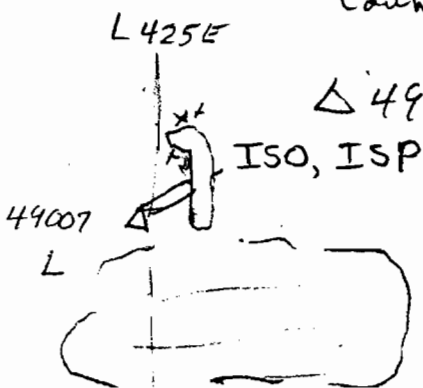
△ 49004 - cg euhedral syenite porphy - ISO, ISP
- along old drill road - end of oc
- MS - 0.06 $\times 10^{-3}$

near L 6E 275S



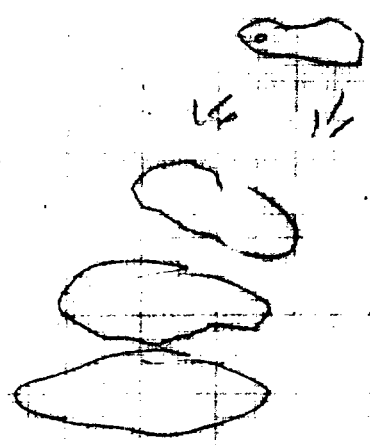
July 12, 2003
Boulder Property Trenches
ETC -
Barnet Township
M W Leakey

L shaped mineral near drill pipe
Country in con w sqw.



ff VIMP sqw por ho as fels
open area
Matrix with xenoliths in sqw porphy

July 15/2003
MNL



MS 85 - 0.7×10^{-3}
 1.27×10^{-3}
 1.88×10^{-3}

 1.01×10^{-3}
 1.06×10^{-3}
 $.71 \times 10^{-3}$
 1.28×10^{-3}
 $.82 \times 10^{-3}$
 $.73 \times 10^{-3}$
MS 110 $.78 \times 10^{-3}$

between mine site and road

Thicket

Δ small oc or rubble 49008. sup. epidote matrix on base.
49008 - 0574017 5364463 VMO

MS - ~~0.5~~ 345×10^{-3}

Δ 49009 - UM. intruder - 3' thick - IVO

MS - 410.6×10^{-3}

0573981 5364453

near road oc or rubble

Δ 49010 - UM flow east of road VVO

F. Carb. alteration - some large hel

fracture 050°

MS 0.52×10^{-3}

0573858 / 5365356

flow top w/ - oc / large pillow U 0573807 / 5365857 N

ms -

F₂ Alt -

July 15, 2002
MNL

more large bed

circulate flow top 0573785 / 5365416

ms - 0.57×10^{-3} - circulate to along

QVOS
VMP - qtz vein in pillow salvage 49011
VMP - pillow flow - large pillows 49012
= 0573734 / 5365383

ms 1.00×10^{-3}

VMP

49013 - pillow flow

0.67×10^{-3}

WTM 0573639 / 5365331

UT 0573407 / 5365440

salvage

1.73×10^{-3}

UT 0573754 / 5365473

w/ early stages - w/ flow

July 11/03

- BM oc 768361

ms. 0.89×10^{-3}

- pillow matrix vale 0.96×10^{-3}

most long ditch -

- down drill road - any pillow -

csc. oc. strong fabric - $110^\circ / 90^\circ - 70^\circ SE$

- L0 15 - 020° 0560002 / 5376099

- Komatiite 0.5×10^{-3}

0.55×10^{-3}

0.70×10^{-3}

0.58×10^{-3}

0.52×10^{-3}

0.43×10^{-3}

spinel pillow

Note channel MS 5
near end of oc

0.81×10^{-3} spinel

1.10×10^{-3} F. Calc

0.70×10^{-3} coarse spinel

0.74×10^{-3} clean matrix

0.62×10^{-3} sharp

July 16 / 2003

HW

P₂ 3003102

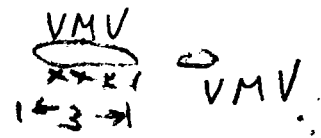
0571883 E / 5362122 N

PL 1500W 075S.

L 1450W 150S

Δ 49014 - Uoviolitic basalt - VMV PL

trace pyrite
MS 135 × 10⁻³



UTM 0572763 / 5362174

Δ 49015 - pyrite rich - VMV

Δ 49016 - mic 54 MS 6.67 × 10⁻³
ISO

Δ 49017 - 0573217 E 5362223

small outcrop middle of road

MS 42.2 × 10⁻³ SI

pillow basalt 1-3 diam py.

Δ 49018 - gabbro contact MV



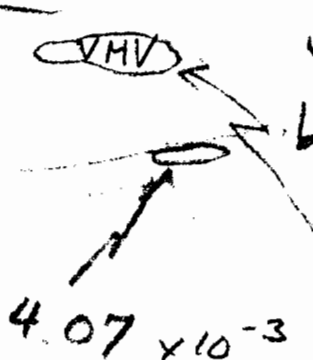
UTM 0573316 E
5362245 N

gabbro 012
MV

July 16, 2005
1900

Δ 49019

UTM 0573360 E / 5362349 N



variolitic flow, circular glassy vesicles

basalt - 50-70%

local pyrite concretions

MS 22.5×10^{-3}

4.07×10^{-3}

Δ 49020



0573400 E / 5362478 Δ

basalt - no sulphides

MS 89.6×10^{-3}

Δ 49021

variolitic mafic flow - VMV

- trace pyrite

-ms- 0.88×10^{-3} MS

UTM - 0573487 E / 5362538 N

VMP



Δ 49022

large rubble loc -
pillow hole

wt int / shad seq.
MS 0.77

UTM

UTM 0573552 E

5362511 N

July 16, 2007

pillow waypoint 11
MU*
VMP

VGO
gabbro - waypoint 12

waypoint ⑬

VMX
flow top
Mafic breccia

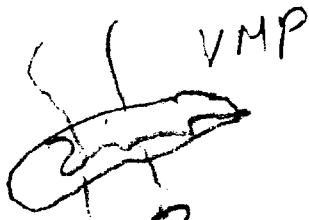
△ 49023, at creek crossing
massive flow trace pyrite

MS 0.67410⁻³

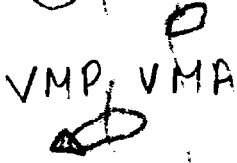
UTM 057374E 15363056N

49023
VMO

July 16, 2002



big pillow 080



49024 0573742 / 5363104

rasty pillow vlc amyloia
WTA - 74.7×10^3

49025 - 0573771 E / 5363254

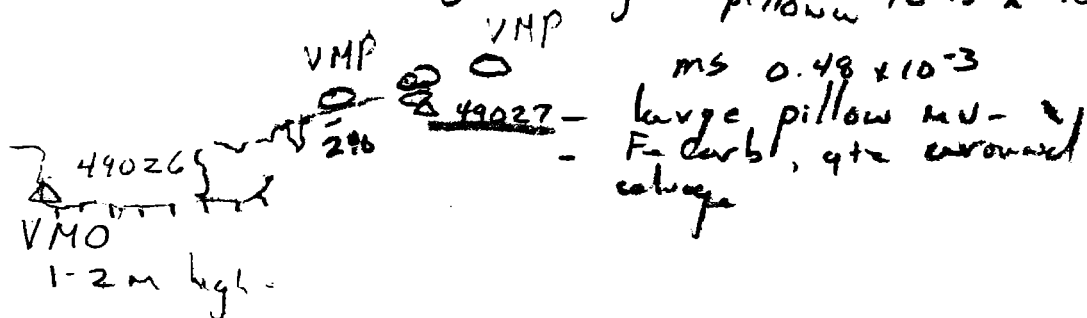
MS - 0.55

500 VMO eg entodermal accessory x - M U
M U M U

July 17/2003

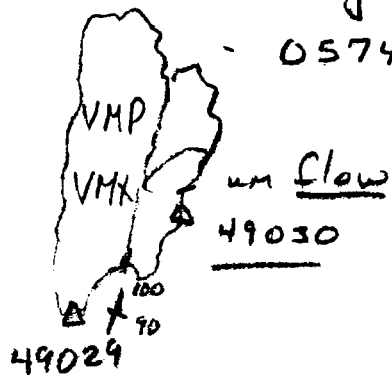
MGL

Δ 49026 - large outcrop face in front north of main
rhyolite -
melt flow - hints of large elongate pillow 10-15 x 40.



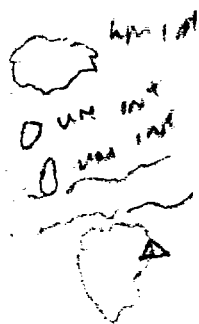
Δ 49028 - UTM. 0573655 E ms - 0.50 x 10⁻³
5363552 N
qtz carb vein w pyrite
AQC

Δ 49029 - Y Road -
- large outcrop of haloclastic um - flow top breccia
- 0574391 E / 5356496 N 0.52 ms - x 10⁻³



0.54 ms x 10⁻³

49030 - 0574395 E / 5356493 N
- um flow - strand trace py



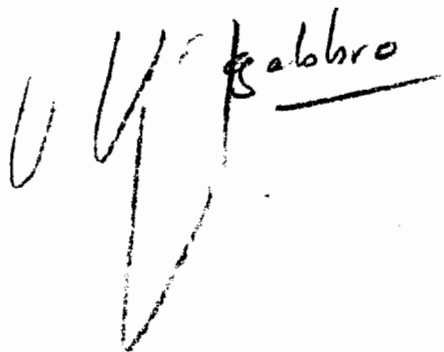
49031 - um flow - strand trace py 0574501 E / 5357377 N
MS - 0.83 x 10⁻³

1250M

July 17, 2003
MAL

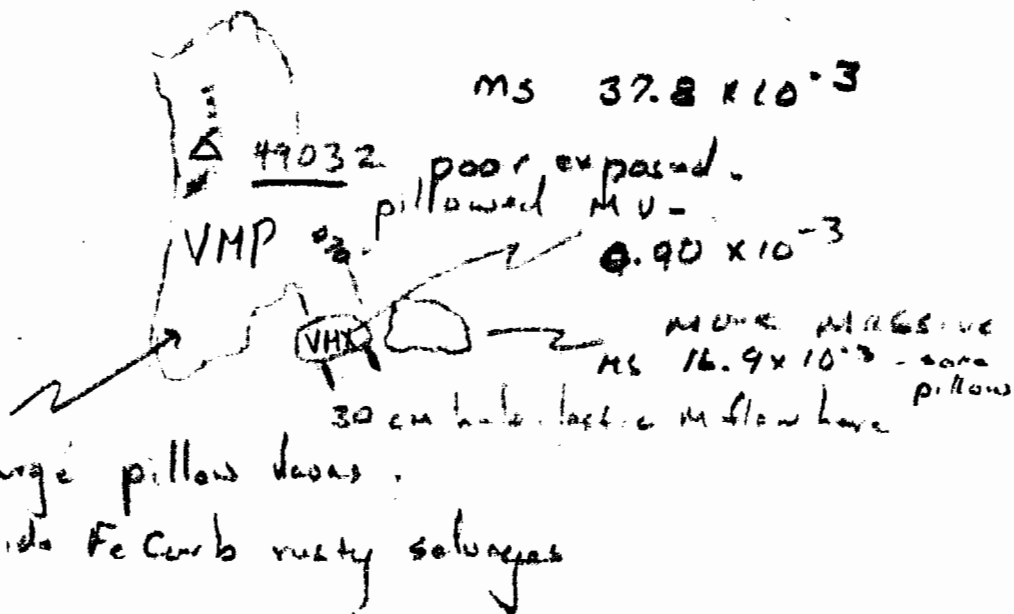
Waypoint M - um - flow 30 m NW of road -

15 - 50 west of road at edge of blood spore

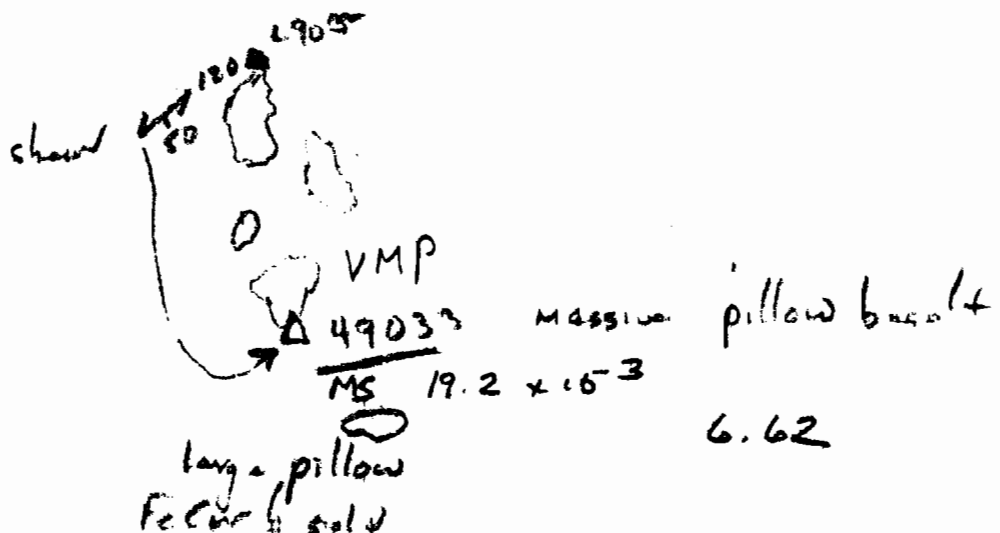
 gabbro

July 18, 2003

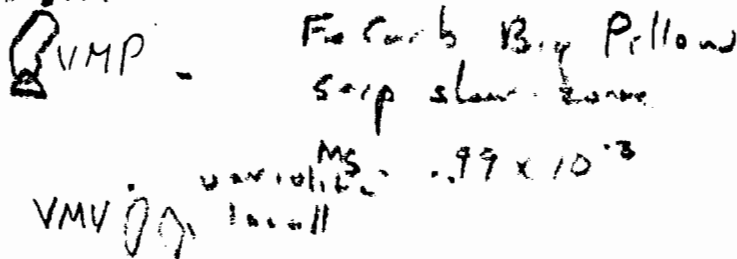
Δ 49032



Δ 49033

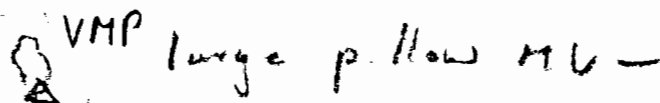


49034



MS 21.9 x 10^-3

49035



Cutaway

- north of road -

49036



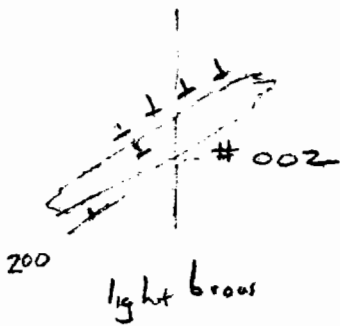
- pillow mafic volcan - near edge of
- Fe Carb - Epidote dark looking on surface
- MS 1.6×10^{-3}

Ervatic bed
NW - pillow

Way 1 - Close top bar - with Fe Carb
MS 1.39×10^{-3}

BACK near Bear ridge

WAYPOINT -

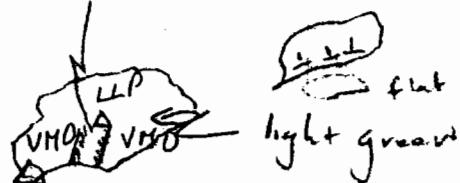


ms $.77 \times 10^{-3}$

pillow Fe Carb somewhat smaller
20 cm diameter

49037/B

057 3659E
536 3572




MASSIVE flow - mt

Serpentine on subhorizontal slip
MS 90×10^{-3}

slightly curved serpentine
sub horizontal
- joint / fault

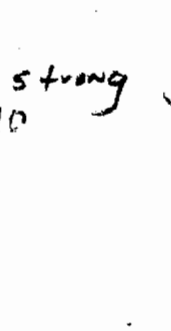
49038
- bio lamp deeply wt brown slip
82.73 MS

49039
 massive flows
 poorly exposed
 MS 9.88×10^{-3}




strong jointing

49040 -
 py - pyroclastic flow
 F. carb. Volc P??
 1-2 m
 VMO
 - outcrop hint F₂ carb. matrix flow - no pillows evident
 MS 65.4×10^{-3}



49041 -
 MS 24×10^{-3}
 massive flow - some pyro
 49042
 MS 3.95×10^{-3} - sgn trace pyroclastic ISO
 narrow sgn dykes coming along shear -
 massive
 #3 -



49043 -
 massive mafic flow
 MS 10.6×10^{-3} LSW / III E?
 logged
 knobs mafic / um mafic flow



July 21, 22, 2003

MWL

49044 - VMD

strong shear Δ 49045

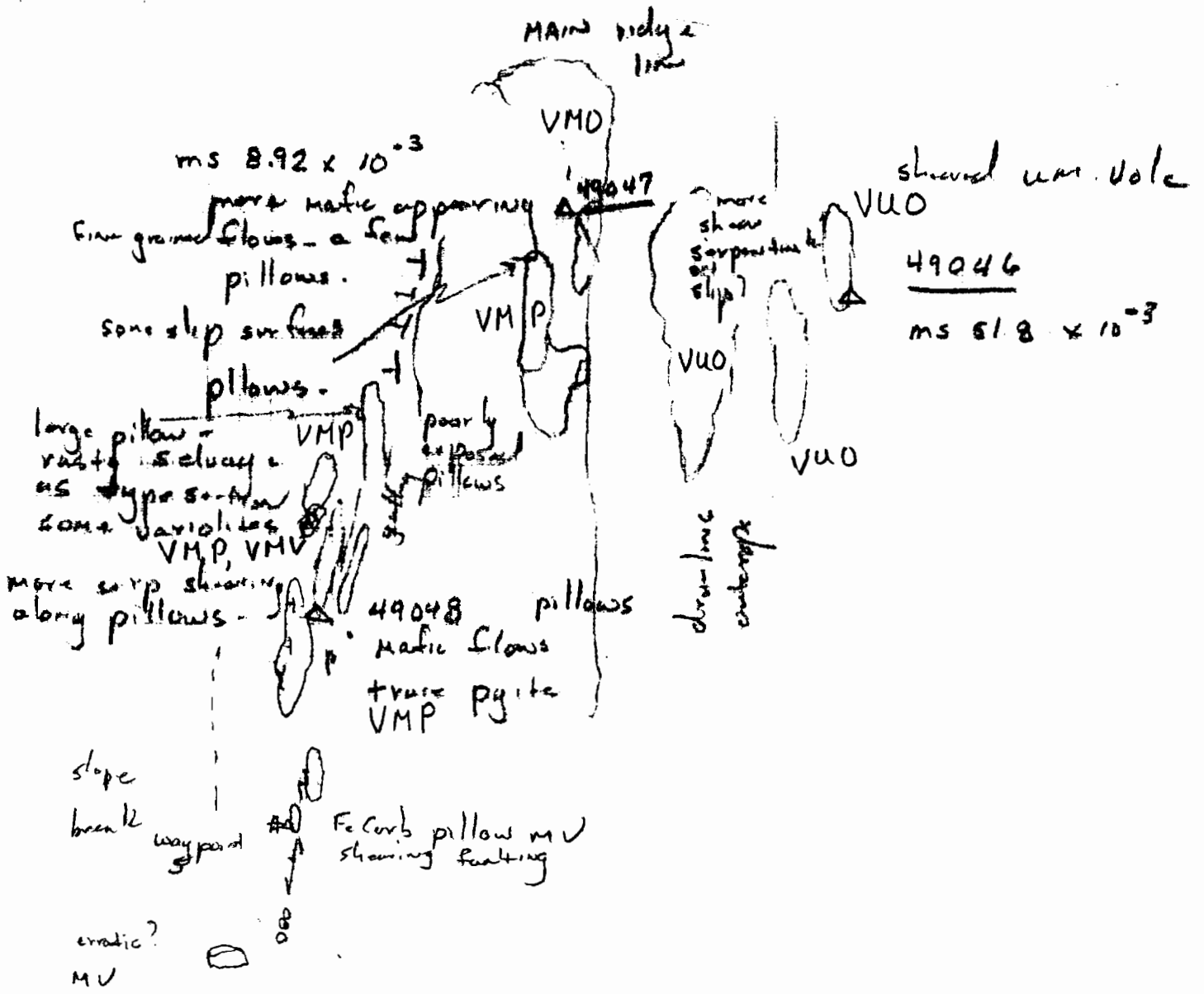
zone 080°

rusty weathered silicious - py decomposed
Matrix blue green -

MS .03 x 10⁻³

.59 x 10⁻³

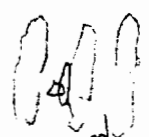
.77 x 10³

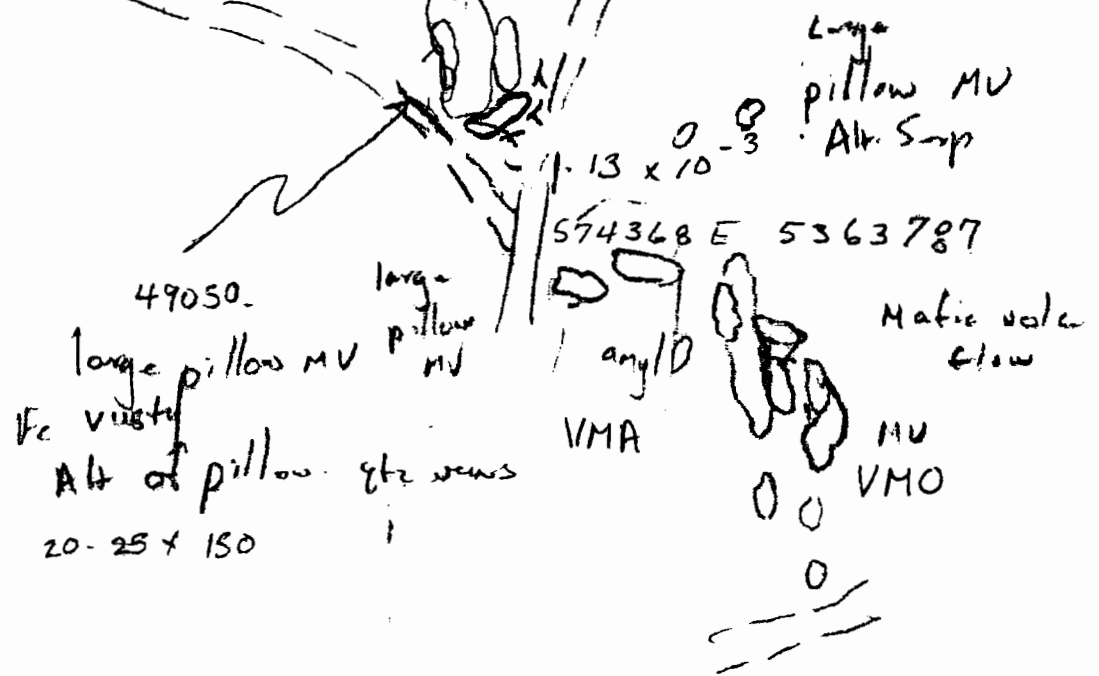
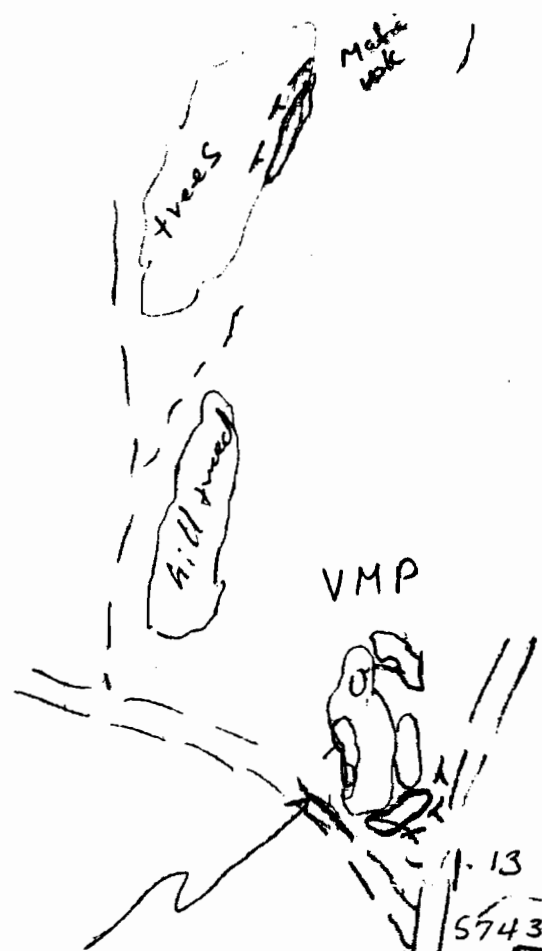
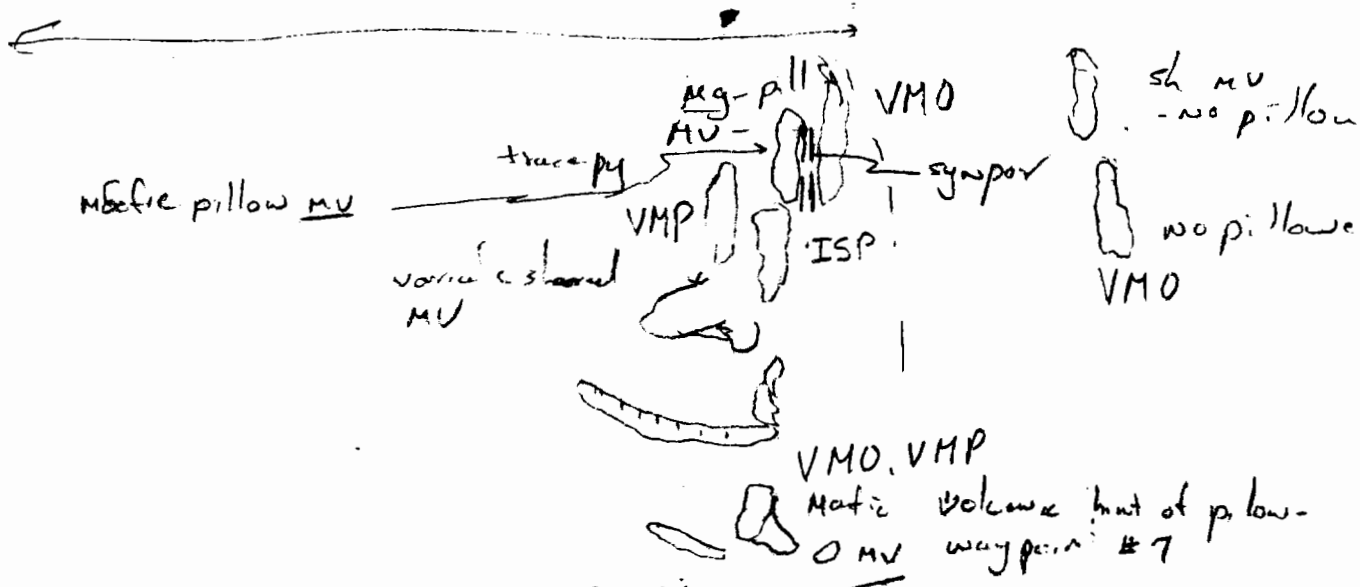


sheared un. Vole

49046
MS 51.8 x 10⁻³

MS .50 x 10⁻³
49049 - syn
Fs





ISP Δ 49052 - syn porphyry \bar{w} P
L12E . 855N CB MS 1.57

July 24, 2003

Twitter
north
L12E

Δ 49053 - Fe Cu verty py syn porphyry
ISP UTM 0566311 / 5364001
900N

drill
structural sym pt
49054 -
phat ISO

1940 - old pits
0.44 x 10⁻³

49055
shaded sqn
low 1.3% py
ISO

VMA Δ 49056 - amygdal basalt +

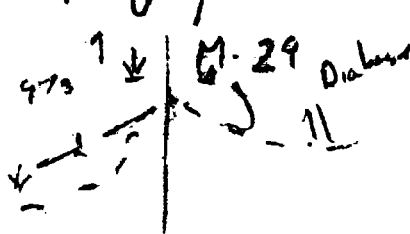
5283031
old pits
UTM 0566184E
5364875N
MS 0.48 x 10⁻³

LB4E
84505
84508
L11E
8N
Fe Cu by vint
balanced / 94!

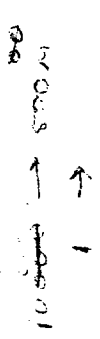
49057
LP
ISO

syn alt 5% purit
ms = 0.31 x 10⁻³

1200m E P₃ 1249193 -
P₂



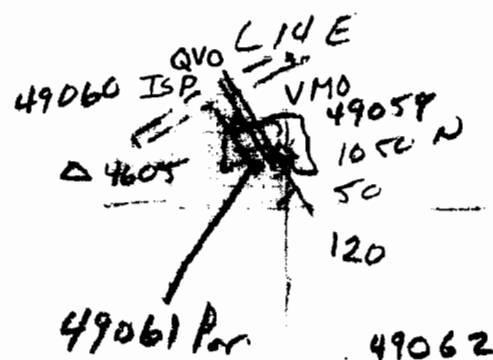
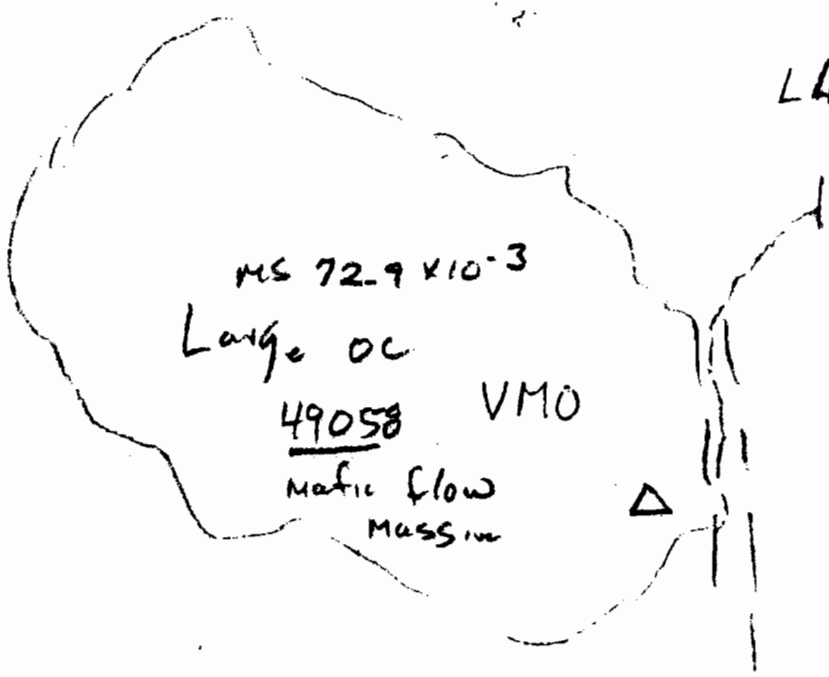
570060



9E - 11E

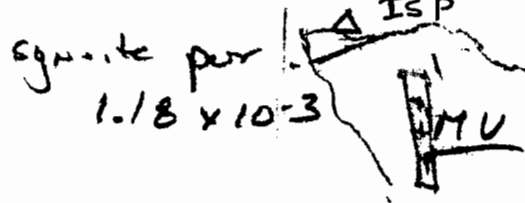
17km
10

July 24, 2003
LWE



Δ 49054
6" white massive qu - MS
mic - 120°/50 SW - .18 x 10^-3
some contact quartz - sym
Δ 49060

6



bio sym par = 3
MS 15.4 x 10^-3

MS 64.2 x 10^-3
VMO

almost
contains
mic

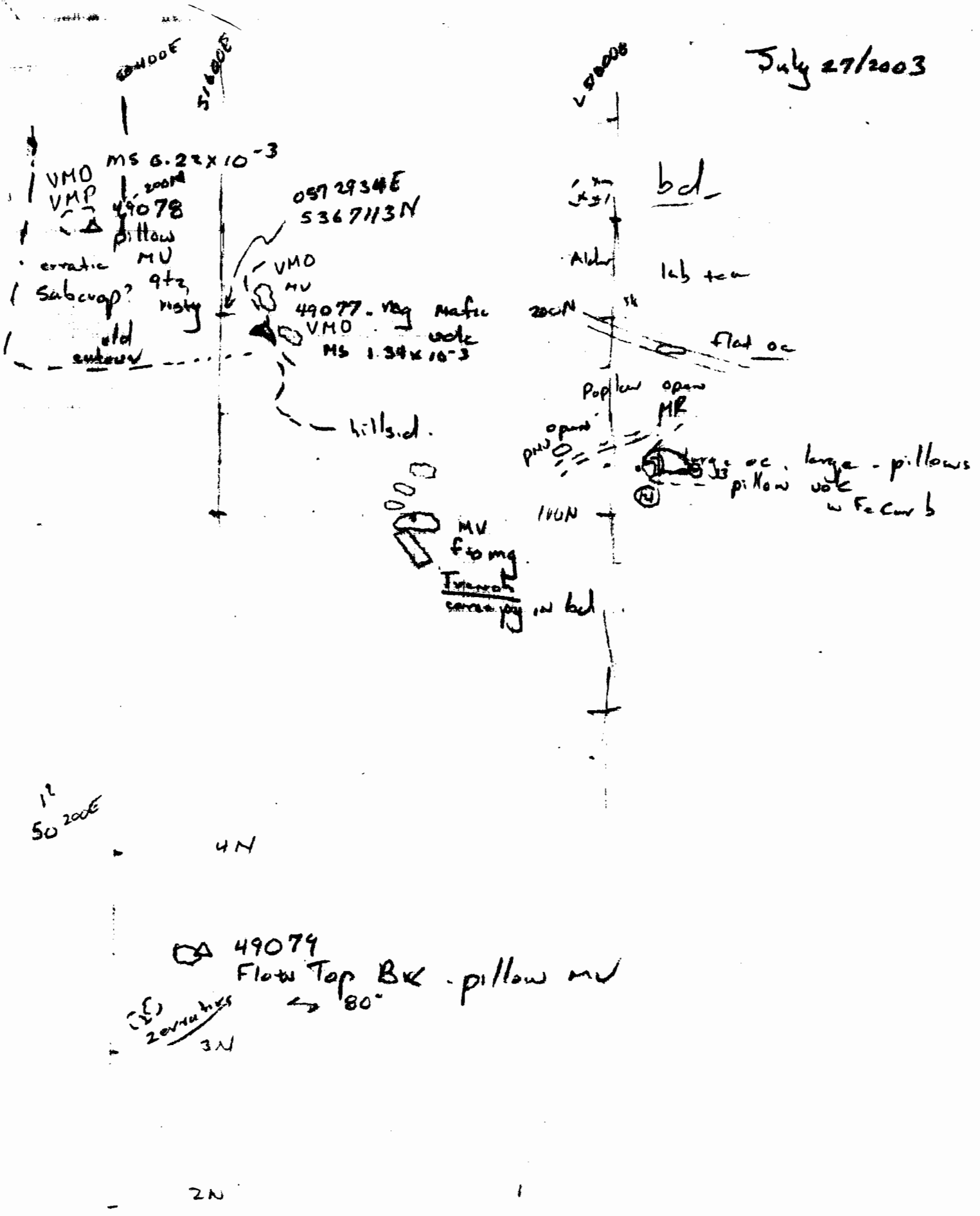
EL 0566687 E
5363899 IV

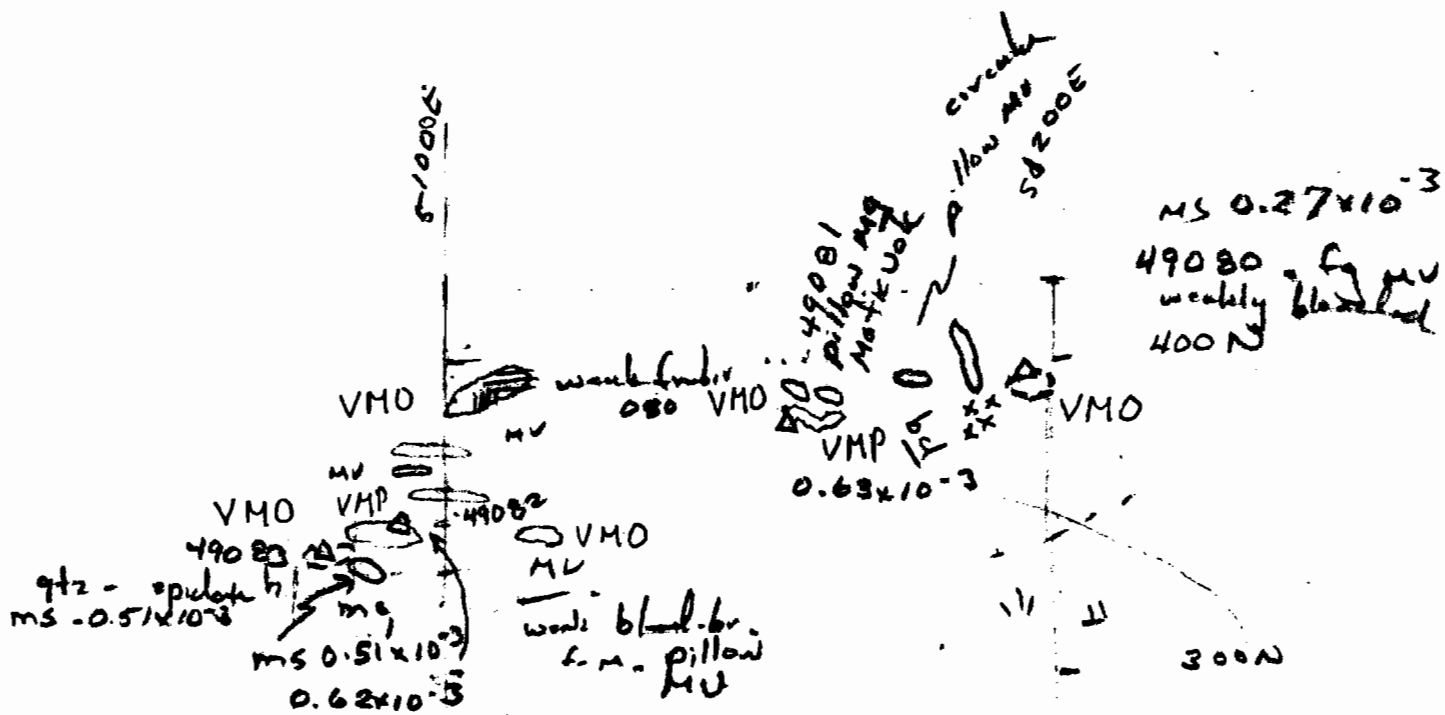
July 24, 2003
MWL

5
N 1301 syn -

-
In cutaway 2nd road two large boulders
1 x 1 meter - green carbonate with pyrite,
rusty green carb to par - Δ49063

July 27/2003





↓ ↓
 Lub < 100 N
 tea
 TA TA
 W W
 ↓ ↓
 BL

Appendix 3
Certified Assay Results



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 3

Geochemical Analysis Certificate

3W-2105-RG1

Company: **ST. ANDREWS GOLDFIELDS**
 Project: East Timmins
 Attn: P. DeGagne

Date: JUN-26-03

We hereby certify the following Geochemical Analysis of 66 Grab samples submitted JUN-24-03 by .

Sample Number	Au PPB	Au Check PPB
37965	57	-
37966	26	-
37967	170	-
37968	434	-

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Certified by J. Reno



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

3W-2236-RG1

Company: **ST. ANDREWS GOLDFIELDS**
Project: East Timmins
Attn: W. Reid

Date: JUL-10-03

We hereby certify the following Geochemical Analysis of 30 Rock samples submitted JUL-07-03 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM	Zn PPM
37767	2	-	-	-
37768	888	984	-	-
37769	653	-	-	-
37770	34	-	-	-
37771	38	-	-	-
37772	10	-	-	-
37773	2	-	-	-
37774	Nil	-	-	-
37775	Nil	-	-	-

[REDACTED SECTION]

Certified by *A. Reid*



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

3W-2415-RG1

Company: **ST. ANDREWS GOLDFIELDS LTD**
Project: **Timmins East Field grab sample**
Attn: **W. Ried**

Date: JUL-28-03

We hereby certify the following Geochemical Analysis of 54 Rock samples submitted JUL-23-03 by .

Sample Number	Au PPB	Au Check PPB
• 37797	10	-
• 37798	7	-
• 37799	Nil	-
[REDACTED]		
[REDACTED]		
[REDACTED]		
• 49003	9	-
• 49004	3	-
• 49005	50	-
• 49006	67	57
• 49007	6480	6720
• 49008	27	-
• 49009	Nil	-
• 49010	Nil	-
• 49011	10	-
• 49012	Nil	-
• 49013	Nil	-
• 49014	60	65
• 49015	Nil	-
• 49016	Nil	-
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
• 49023	Nil	-
• 49024	Nil	-
• 49025	Nil	-
• 49026	Nil	-

Certified by: *[Signature]*



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

3W-2415-RG1

Company: **ST. ANDREWS GOLDFIELDS LTD**
Project: Timminns East Field grab sample
Ann: W. Ried

Date: JUL-28-03

We hereby certify the following Geochemical Analysis of 54 Rock samples submitted JUL-23-03 by .

Sample Number	Au PPB	Au Check PPB
• 49027	Nil	-
• 49028	14	12
[REDACTED]		
• 49032	Nil	-
• 49033	Nil	-
• 49034	Nil	-
• 49035	Nil	-
[REDACTED]		
• 49037	Nil	-
• 49038	Nil	-
• 49039	Nil	-
• 49040	Nil	-
• 49041	Nil	-
• 49042	3	-
• 49043	Nil	-
• 49044	24	24
• 49045	Nil	-
• 49046	Nil	-
• 49047	Nil	-
• 49048	Nil	-
• 49049	Nil	-
• 49050	Nil	-

Certified by: *AR*



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

3W-2733-RG1

Company: ST. ANDREWS GOLDFIELDS

Date: AUG-29-03

Project:

Attn: W. Reid

We hereby certify the following Geochemical Analysis of 44 Rock samples submitted AUG-27-03 by .

Sample Number	Au PPB	Au Check PPB
[REDACTED]		
49052	501	492
49053	Nil	-
49054	3	-
49055	3	-
49056	5	-
49057	Nil	-
49058	3	-
49059	Nil	-
49060	2	-
49061	65	-
49062	Nil	-
49063	10	-
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
[REDACTED]		
49077	Nil	-
49078	Nil	-
49079	2	-
49080	2	-

Certified by



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

3W-2733-RG1

Company: **ST. ANDREWS GOLDFIELDS**

Date: AUG-29-03

Project:

Attn: **W. Reid**

We hereby certify the following Geochemical Analysis of 44 Rock samples submitted AUG-27-03 by .

Sample Number	Au PPB	Au Check PPB
49081	3	-
49082	26	33
49083	3	-

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

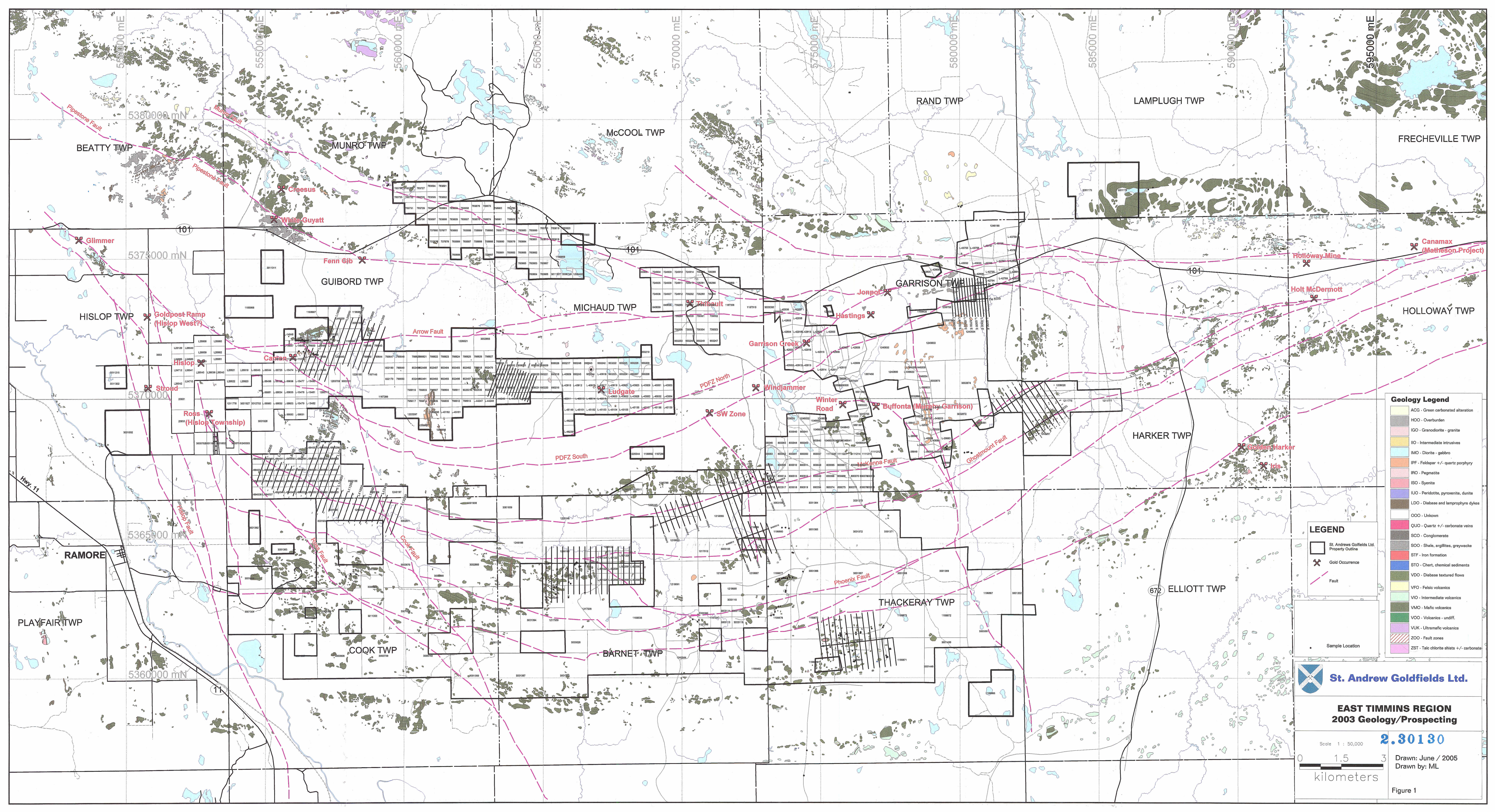
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Certified by *A. Perry*



Geology Legend

[Symbol]	ACG - Green carbonated alteration
[Symbol]	HOO - Overburden
[Symbol]	IGO - Granodiorite - granite
[Symbol]	IIO - Intermediate intrusives
[Symbol]	IMO - Diorite - gabbro
[Symbol]	IFP - Felspar +/- quartz porphyry
[Symbol]	IRO - Pegmatite
[Symbol]	ISO - Syenite
[Symbol]	IUC - Peridotite, pyroxenite, dunite
[Symbol]	LDO - Diabase and lamprophyre dykes
[Symbol]	OOO - Unknown
[Symbol]	QUO - Quartz +/- carbonate veins
[Symbol]	SCO - Conglomerate
[Symbol]	SOO - Shale, argillites, greywacke
[Symbol]	STF - Iron formation
[Symbol]	STO - Chert, chemical sediments
[Symbol]	VDO - Diabase textured flows
[Symbol]	VFO - Felsic volcanics
[Symbol]	VIO - Intermediate volcanics
[Symbol]	VMO - Mafic volcanics
[Symbol]	VOO - Volcanics - undiff.
[Symbol]	VUK - Ultramafic volcanics
[Symbol]	ZOO - Fault zones
[Symbol]	ZST - Talc chlorite schists +/- carbonate

LEGEND

[Symbol]	St. Andrew Goldfields Ltd. Property Outline
[Symbol]	Gold Occurrence
[Symbol]	Fault
[Symbol]	Sample Location

St. Andrew Goldfields Ltd.

**EAST TIMMINS REGION
2003 Geology/Prospecting**

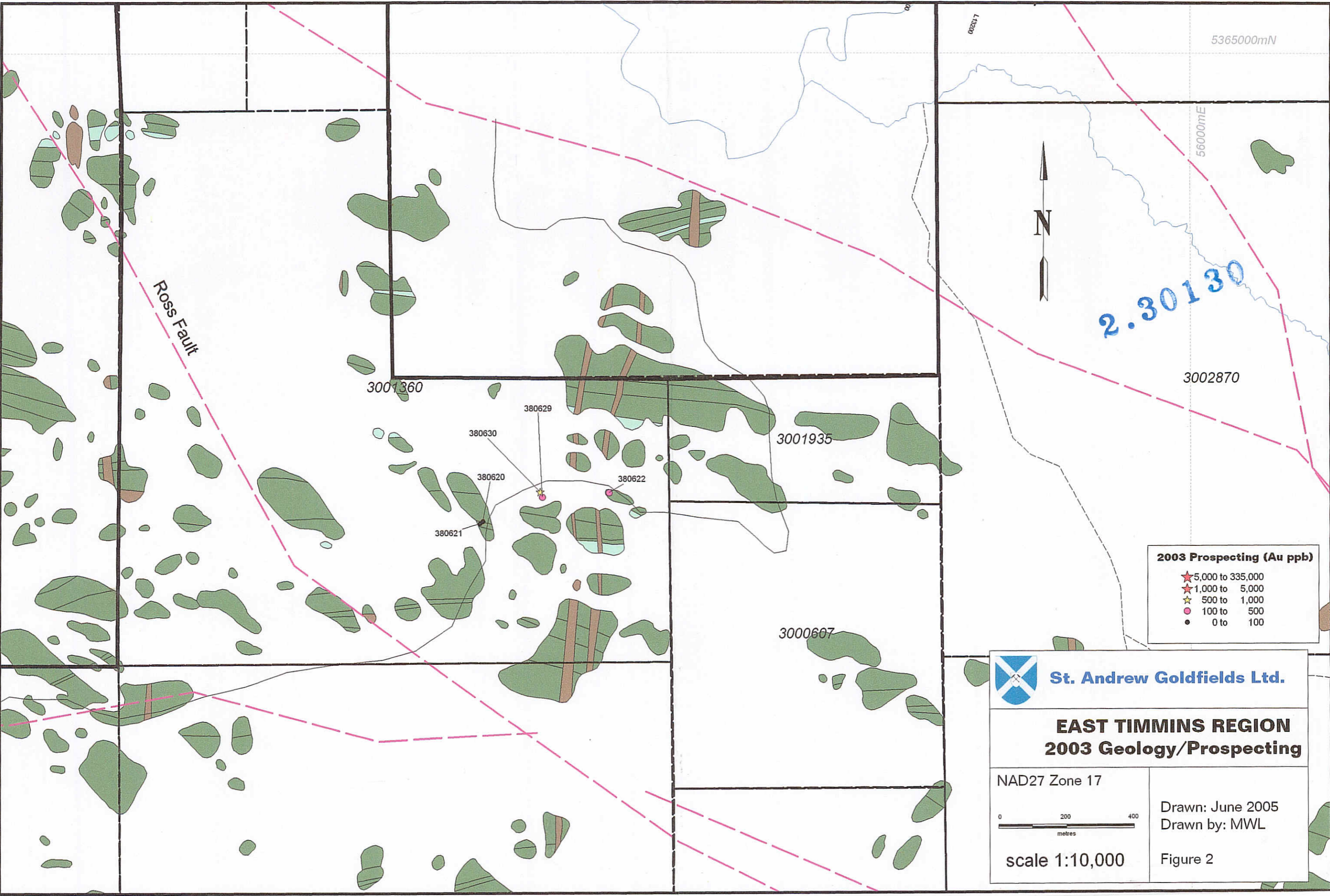
2.30130

Scale 1 : 50,000

0 1.5 3 kilometers

Drawn: June / 2005
Drawn by: ML

Figure 1



2003 Prospecting (Au ppb)

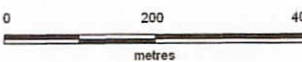
- ★ 5,000 to 335,000
- ★ 1,000 to 5,000
- ★ 500 to 1,000
- 100 to 500
- 0 to 100



St. Andrew Goldfields Ltd.

**EAST TIMMINS REGION
2003 Geology/Prospecting**

NAD27 Zone 17



scale 1:10,000

Drawn: June 2005
Drawn by: MWL
Figure 2

5365000mN

565000mE

2.30130

1249194

1249193

Ghostmount Fault

2003 Prospecting (Au ppb)

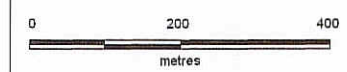
- ★ 5,000 to 335,000
- ★ 1,000 to 5,000
- ☆ 500 to 1,000
- 100 to 500
- 0 to 100



St. Andrew Goldfields Ltd.

EAST TIMMINS REGION 2003 Geology/Prospecting

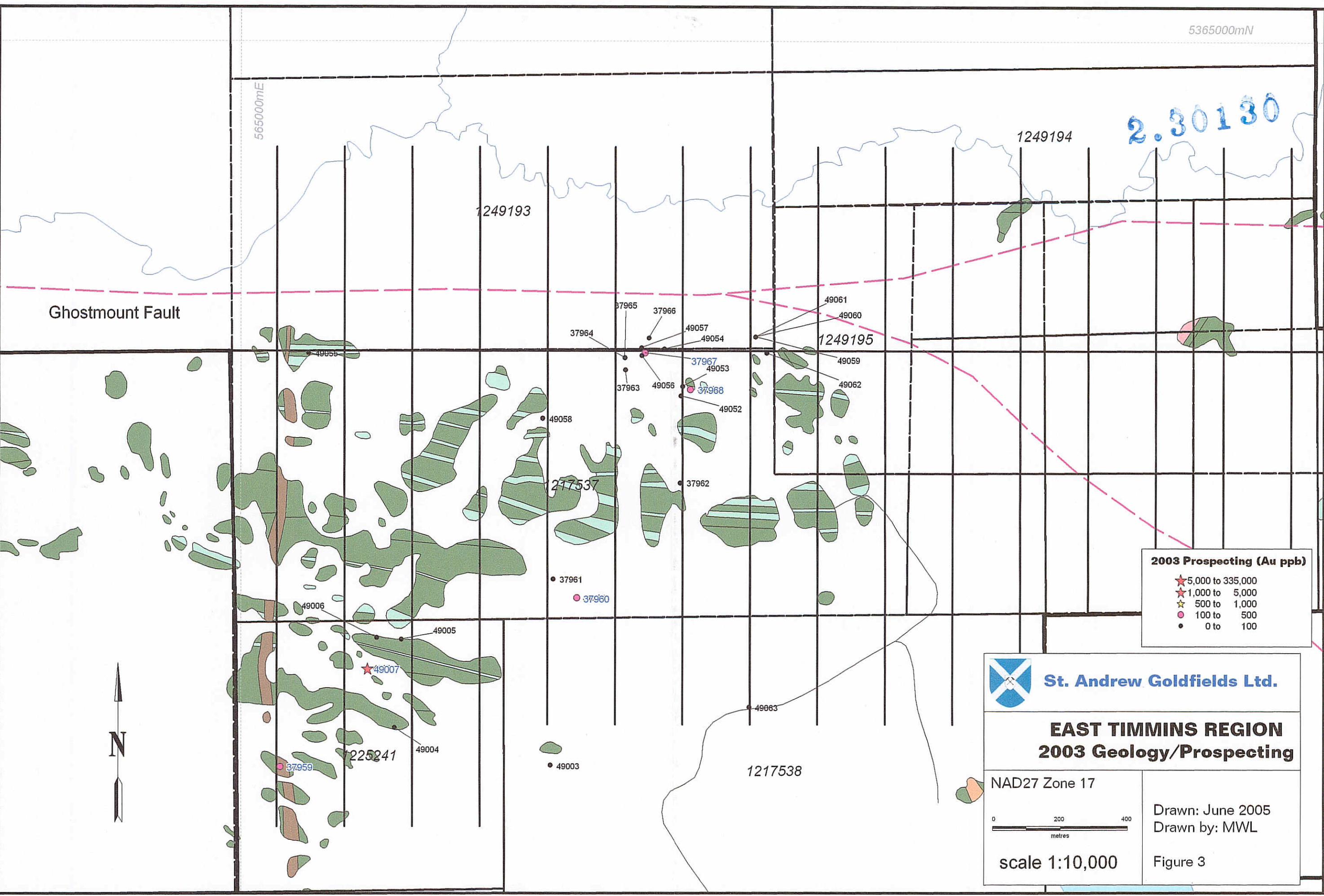
NAD27 Zone 17

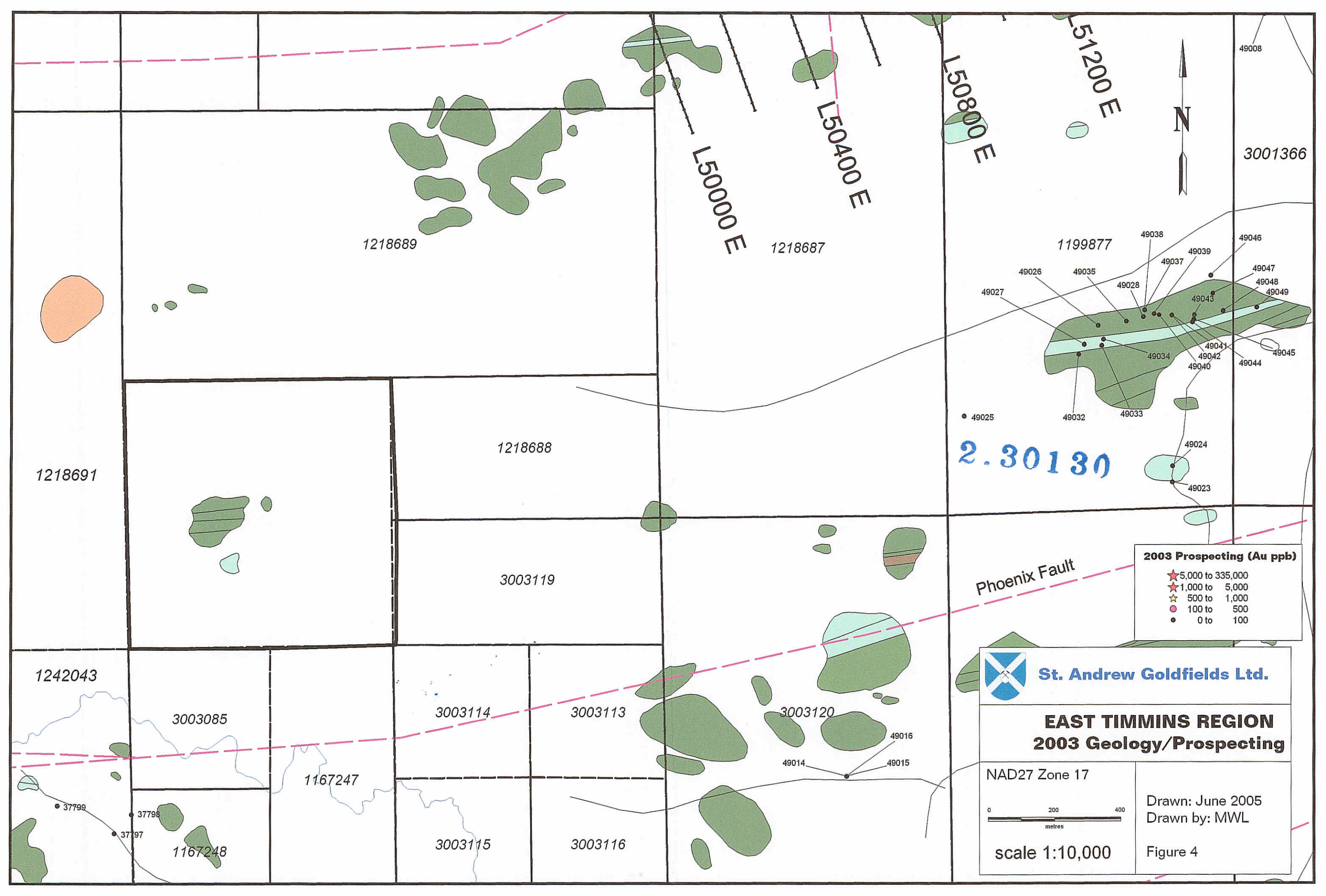


scale 1:10,000

Drawn: June 2005
Drawn by: MWL

Figure 3





1218689

1218687

1218691

1218688

3003119

1242043

3003085

1167247

3003114

3003113

3003120

1167248

3003115

3003116

2.30130

Phoenix Fault

2003 Prospecting (Au ppb)

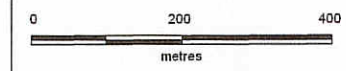
- ★ 5,000 to 335,000
- ★ 1,000 to 5,000
- ☆ 500 to 1,000
- 100 to 500
- 0 to 100



St. Andrew Goldfields Ltd.

**EAST TIMMINS REGION
2003 Geology/Prospecting**

NAD27 Zone 17



scale 1:10,000

Drawn: June 2005
Drawn by: MWL

Figure 4

49008

3001366



L51200 E

L50800 E

L50400 E

L50000 E

1199877

49027

49026

49035

49028

49037

49039

49047

49048

49049

49043

49041

49042

49034

49040

49044

49045

● 49025

49032

49033

49024

49023

49016

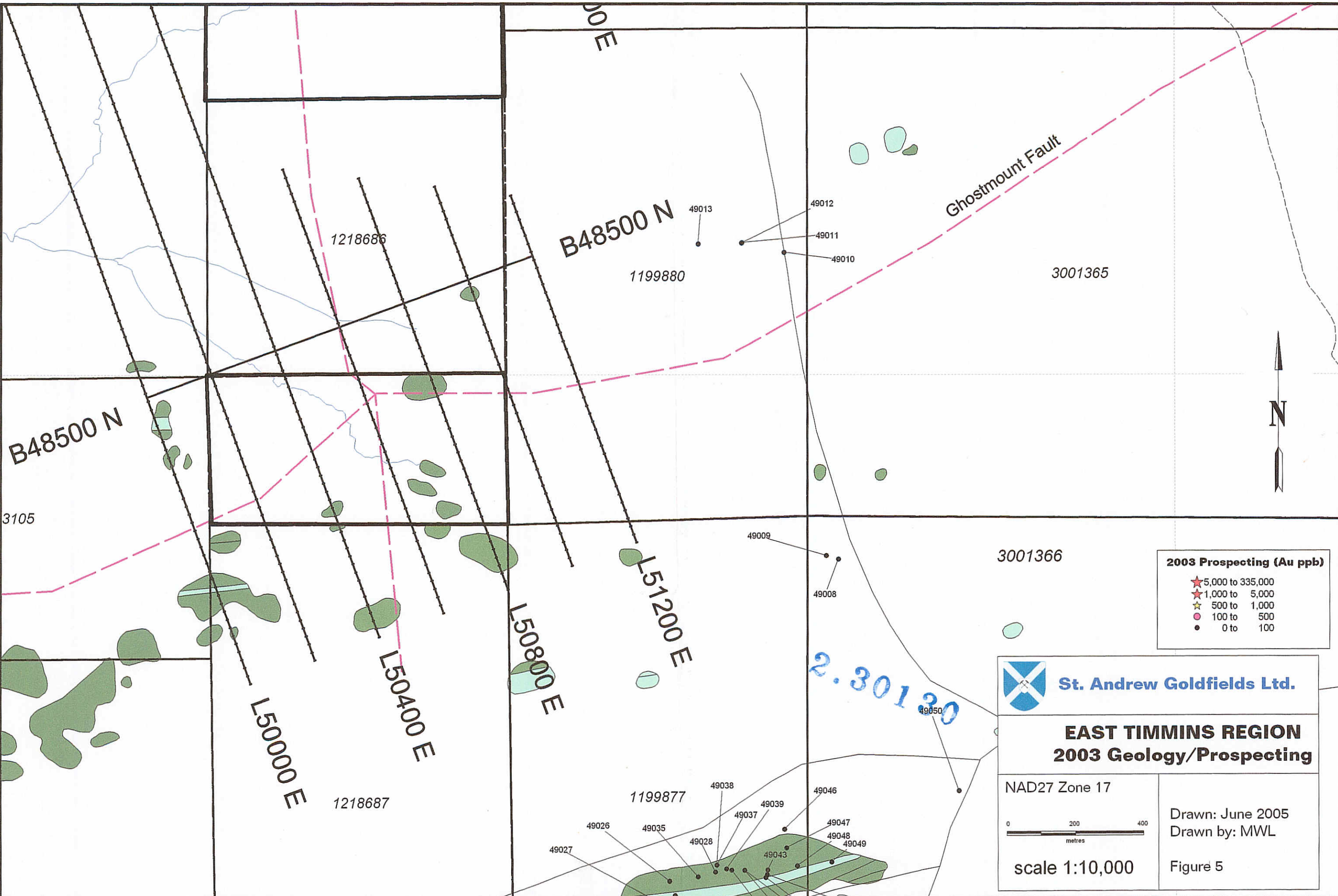
49014

49015

● 37799

● 37798

● 37797



2003 Prospecting (Au ppb)

- ★ 5,000 to 335,000
- ★ 1,000 to 5,000
- ★ 500 to 1,000
- 100 to 500
- 0 to 100

 **St. Andrew Goldfields Ltd.**

**EAST TIMMINS REGION
2003 Geology/Prospecting**

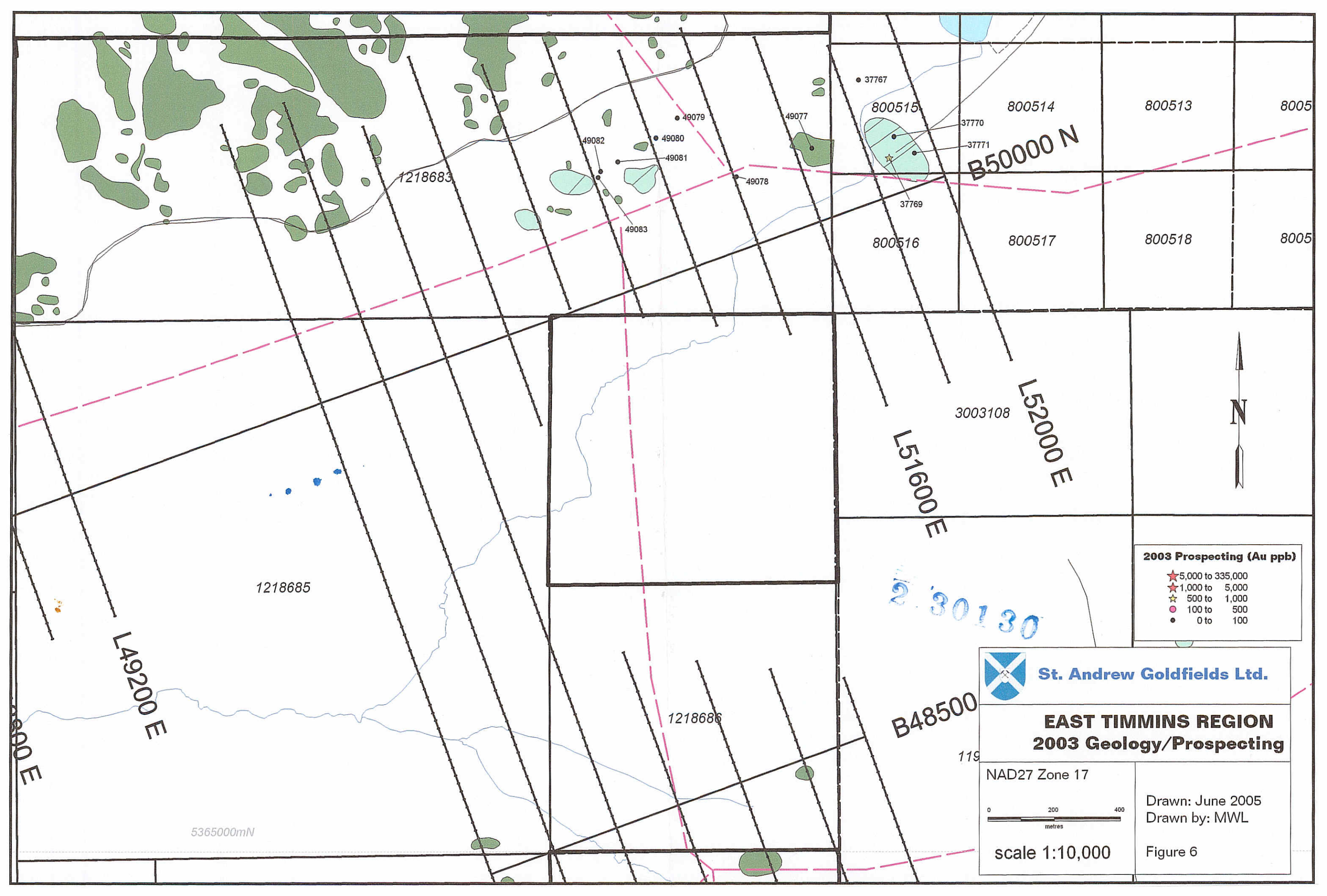
NAD27 Zone 17

0 200 400
metres

scale 1:10,000

Drawn: June 2005
Drawn by: MWL

Figure 5



2003 Prospecting (Au ppb)

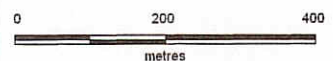
- ★ 5,000 to 335,000
- ★ 1,000 to 5,000
- ☆ 500 to 1,000
- 100 to 500
- 0 to 100



St. Andrew Goldfields Ltd.

**EAST TIMMINS REGION
2003 Geology/Prospecting**

NAD27 Zone 17



scale 1:10,000

Drawn: June 2005
Drawn by: MWL
Figure 6

21/2 30130

3003108

L516000 E

L520000 E

37767

800515

800514

800513

8005

37770

37771

B50000 N

49079

49077

49082

49080

49081

49078

49083

800516

800517

800518

8005

1218683

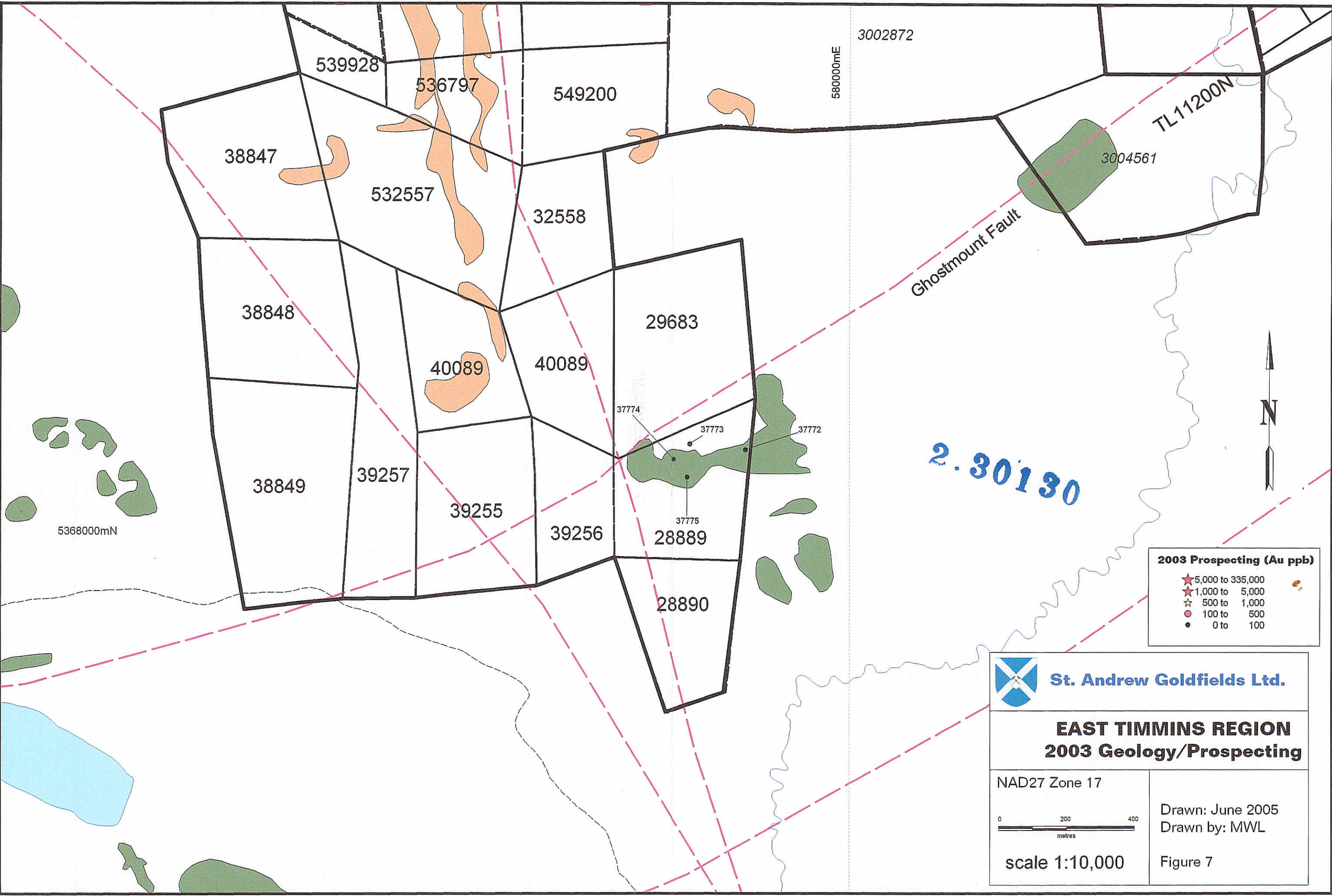
1218685

1218686

B48500

119

5365000mN

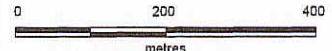


2003 Prospecting (Au ppb)

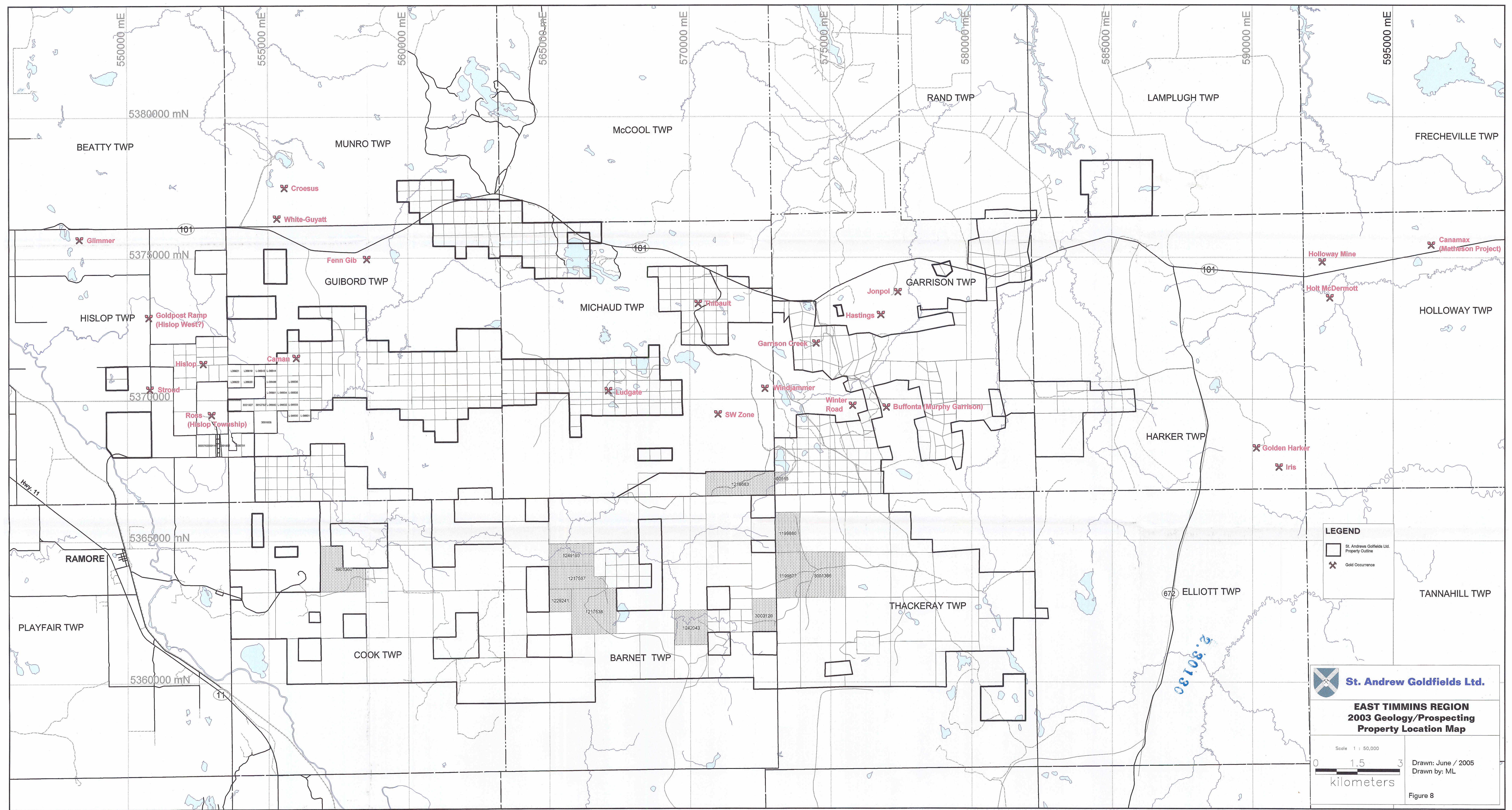
★	5,000 to 335,000	●	0 to 100
★	1,000 to 5,000	○	
☆	500 to 1,000		
●	100 to 500		
●	0 to 100		

 **St. Andrew Goldfields Ltd.**



**EAST TIMMINS REGION
2003 Geology/Prospecting**

NAD27 Zone 17

 scale 1:10,000

Drawn: June 2005
 Drawn by: MWL
 Figure 7



LEGEND

-  St. Andrew Goldfields Ltd. Property Outline
-  Gold Occurrence

 **St. Andrew Goldfields Ltd.**

**EAST TIMMINS REGION
2003 Geology/Prospecting
Property Location Map**

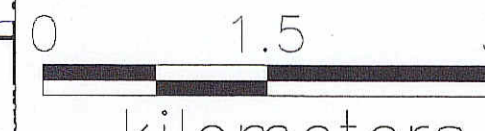
Scale 1 : 50,000

 Drawn: June / 2005
 Drawn by: ML

Figure 8