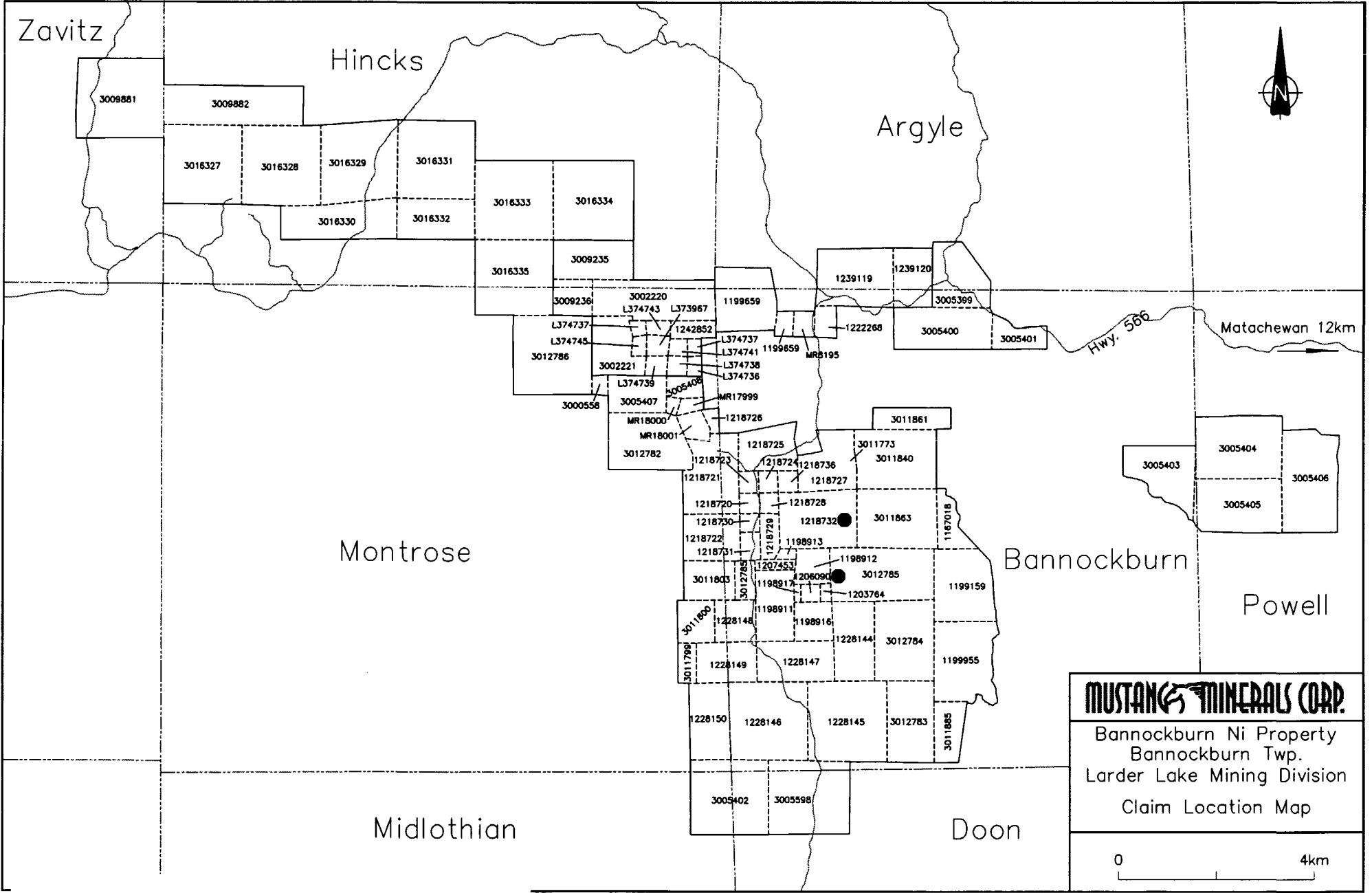


MBECA-01

Zavitz

Hincks

Argyle



Matachewan 12km

Hwy. 566

Montrose

Bannockburn

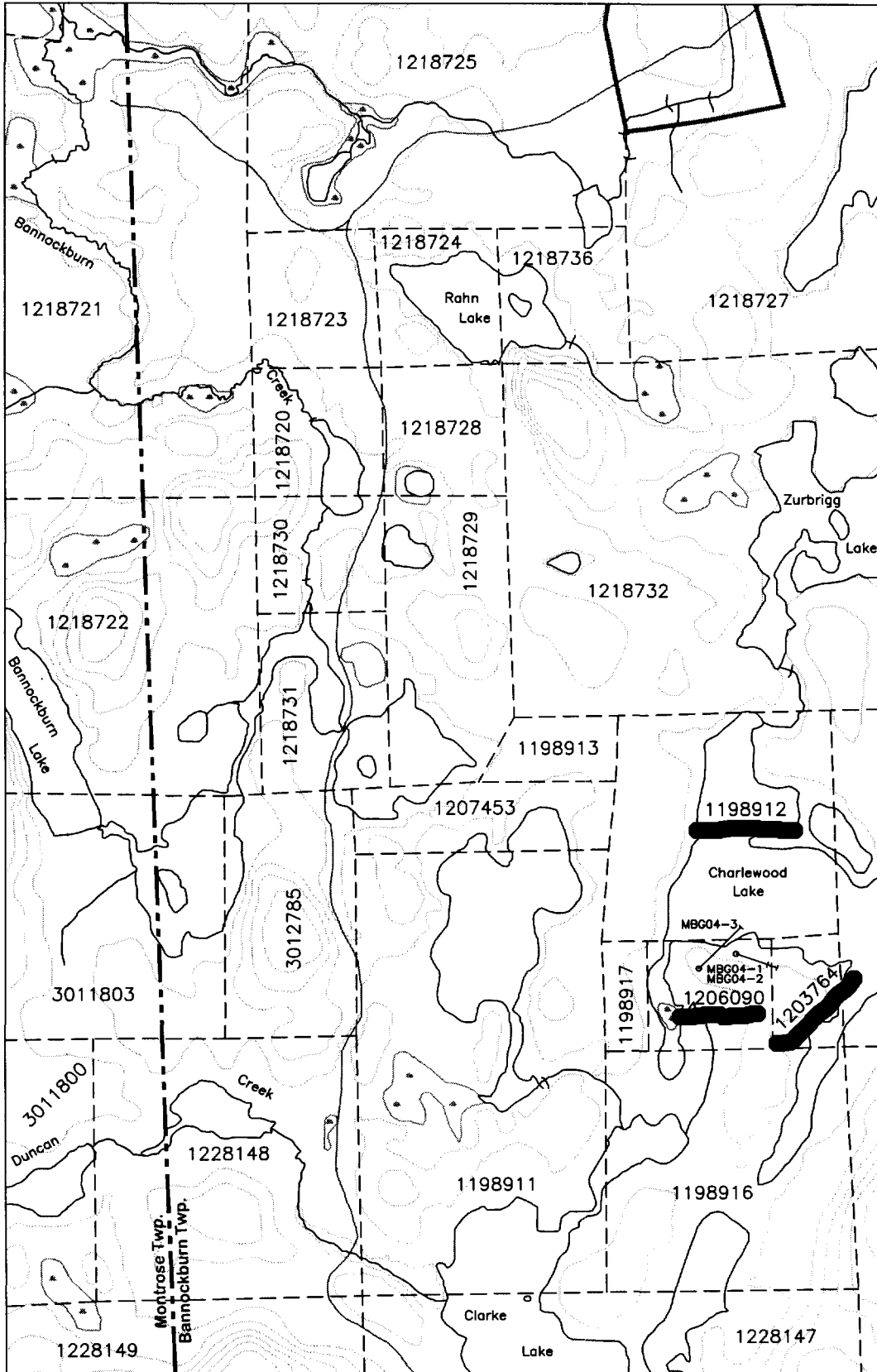
Powell

Midlothian

Doon

MUSTANG MINERALS CORP.
 Bannockburn Ni Property
 Bannockburn Twp.
 Larder Lake Mining Division
 Claim Location Map





Scale 1:20,000
0 200 400m

MUSTANG MINERALS CORP.

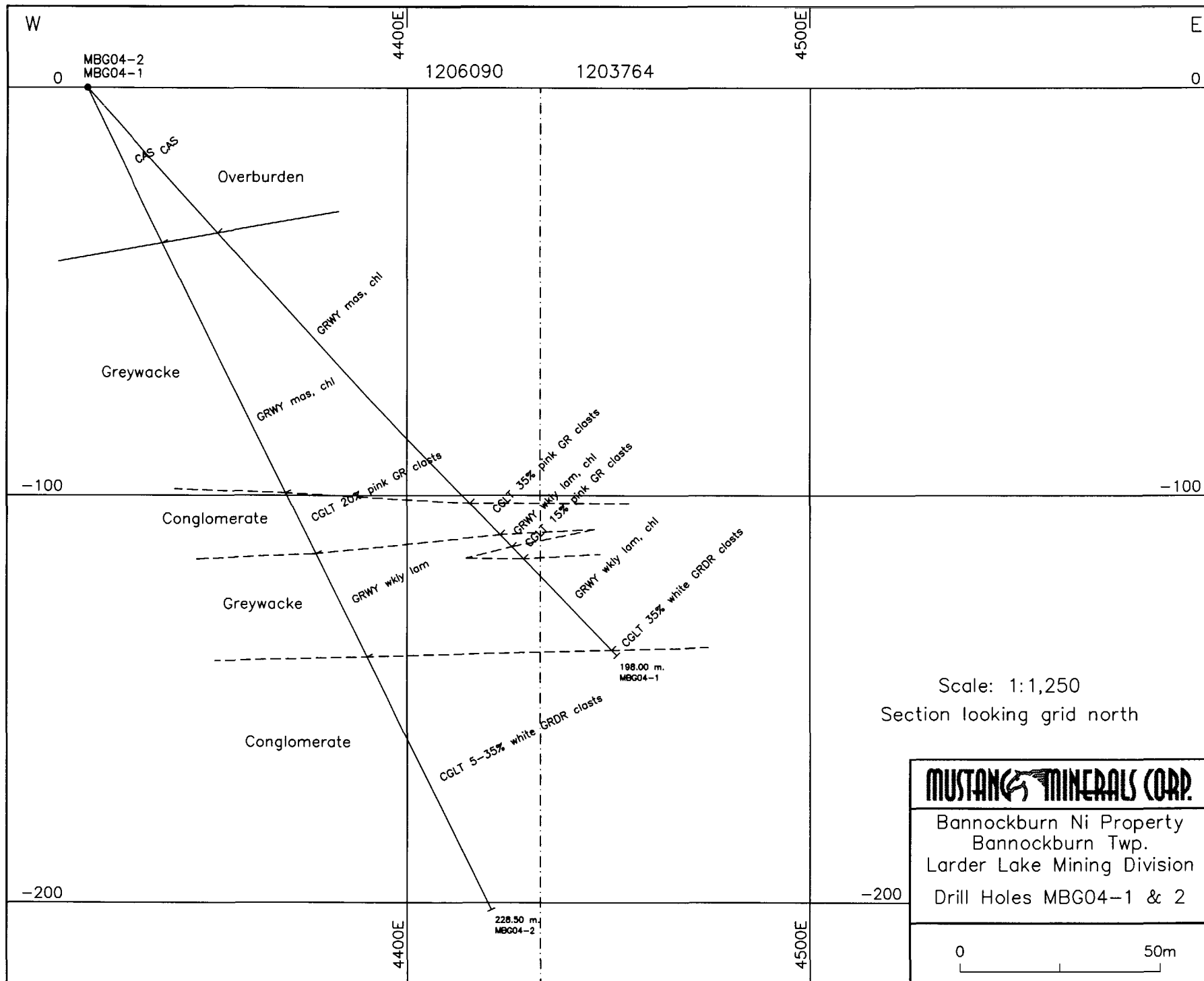
Bannockburn Nickel Property
Bannockburn Twp.
Larder Lake Mining Division

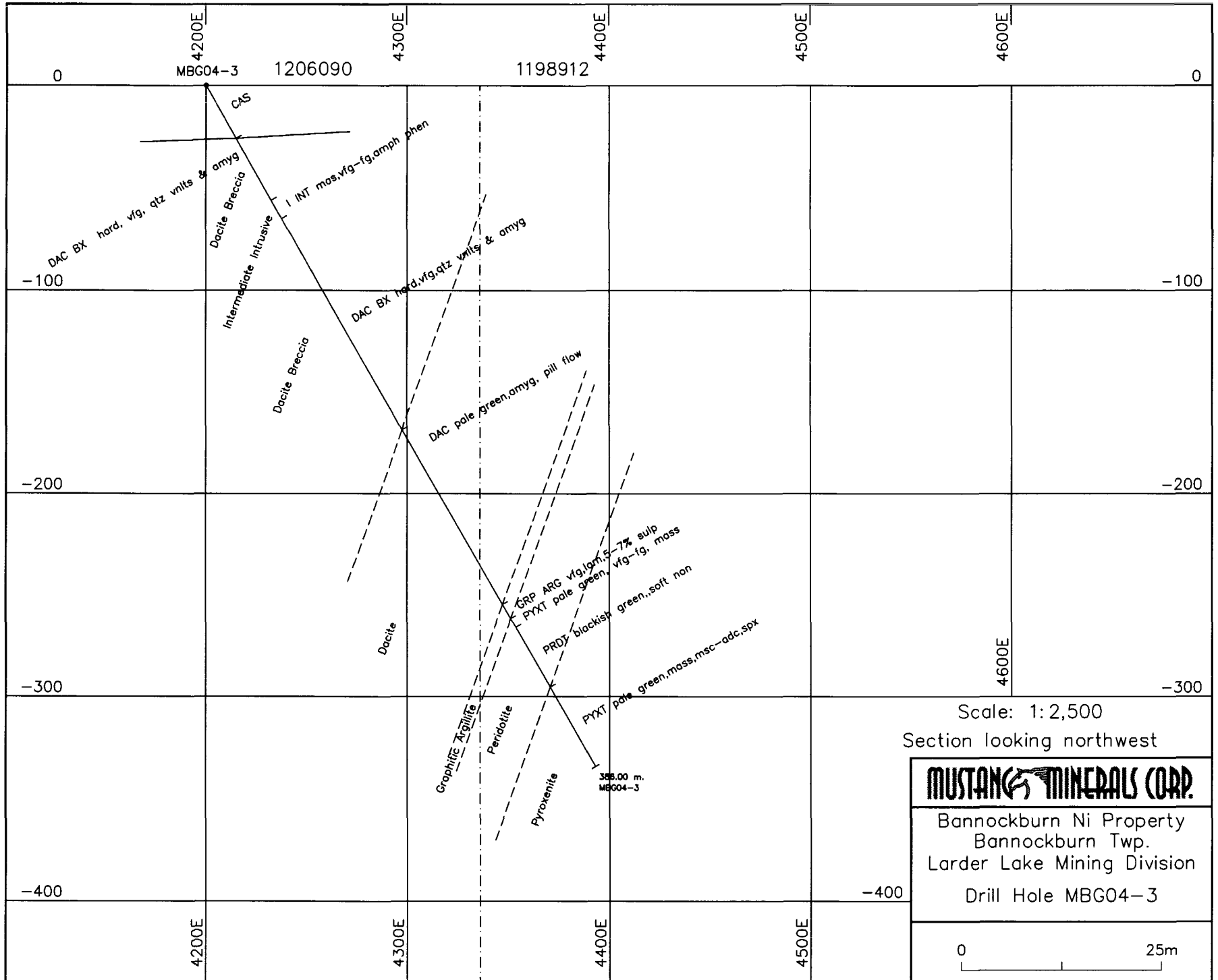
Claim & Drill Hole
Location Map

Mustang Minerals
Rock, texture, structure, alteration, and mineralization codes

Rock		Textures				Structure					
Code	Desc	Code	Desc	Code	Desc	Code	Desc	Code	Desc		
AGAB	Anorthositic Gabbro	NDIA	Nipissing Diabase	acic	Acicular	mega	Megacrystic	bd	Bedded	so	Bedding/Lamination
ALTN	Alteration	NOR	Norite	adc	Adcumulate	mg	Medium Grained	blky	Blocky	s1	Foliation (S1)
AMPH	Amphibolite	OB	Overburden	amyg	Amygdaloidal	mgm	Medium Grained Matrix	boud	Boudinage	s2	Foliation (S2)
ANOR	Anorthosite	OD	Olivine Diabase	ang	Angular	mono	Monolithic	bxn	Brecciation	rr	Rhythmically Layered, regular
APL	Aplite Dike	QGAB	Olivine Bearing Gabbro	aph	Aphanitic	msc	mesocumulate	chv	Cleavage	ri	Rhythmically Layered, irregular
AREN	Arenite	OLGAB	Olivine bearing leucogabbro	band	Banded	mspx	Micro spinifex	dsk	Disking	tl	Texturally Layered
ARG	Argillite	OMGAB	Olivine bearing melagabbro	bc	Broken Core	nod	Nodular	fld	Folded	glm	Graded Layering, modal
ARK	Arkose	OPYXT	Olivine bearing pyroxenite	bd	Bedded	oik	Oikocrystic	flt	Fault	glg	Graded Layering, grain size
BDZN	BorderZone	PEG	Pegmatite	bx	Brecciated	olph	Olivine phyric	fol	Foliated	mb	Modally Banded
BSCH	Biotite Schist	PRDT	Pendolite	cg	Coarse Grained	oph	Ophitic	frd	Fractured	tb	Texturally Banded
BSLT	Basalt	PRPH	Porphyry	cgm	Coarse Grained Matrix	orc	Orthocumulate	g	Gouge		
BX	Breccia	PSD	Pseudotachylite	chill	Chilled contact	peg	Pegmatitic	gn	Gneissic		
BXSL	Breccia Sulphide	PYHF	Pyroxene Hornfels	cl	Clotty	pill	Pillows	gou	Gouge Fault		
CAS	Casing	PYXT	Pyroxenite	equi	Equigranular	pill	Pillowed	jnts	Joints		
CGLT	Conglomerate	QD	Quartz Diorite	fb	Flow Banded	plph	Plag phyric	l	Layering		
CHT	Chert	QGAB	Quartz Gabbro	fg	Fine Grained	pod	Pods	lam	Laminated		
DAC	Dacite	QTE	Quartzite	fgm	Fine Grained Matrix	poik	Poikilitic	ml	Modal Layering		
DIA	Diabase	QTZV	Quartz Vein	flt	Fault Gouge	poly	Polysutured	myl	Mylonite		
DIKE	Dike	RHY	Rhyolite	flwbx	Flow breccia	porbl	Porphyroblastic	sch	Schistose		
DIOR	Diorite	ROCK	unknown	glph	Glomerophyric	proph	Porphyritic	shr	Shear		
EOH	End of Hole	SCH	Schist	gran	Granophyric	pyph	Pyroxene Phyric	shrd	Sheared		
EPDT	Epidote	SDBX	Sudbury Breccia	grbed	Graded bedding	skel	Skeletal	sik	Slacksides		
FD	Felsic Dyke	SED	Sediment	hetr	Heterogeneous	spher	Spherulitic	vn	Veins		
FGN	Felsic Gneiss	SHAL	Shale	hetrl	Heterolithic	spx	Spinifex				
FIX	problems to be fixed	SHR	Shear	hfisd	Hornfelsed	suba	Sub-Angular				
FLT	Fault	SMS	Semi Massive Sulphide	homo	Homogeneous	subo	Subophitic				
FT	Felsic Tuff	STRC	Structure	hyal	Hyaloclastic	subr	Sub-Rounded				
FV	Felsic Volcanic	SULP	Sulphide	lam	Laminated, banded	var	Variolitic				
GAB	Gabbro	SYEN	Syenite	lanc	Coarse laminated	vari	Vartextured				
GBNR	Gabbronorite	TON	Tonalite	lamf	Fine laminated	vcg	Very coarse grained				
GC	Ground Core	UMAF	Ultramafic/ undefined	lamm	Medium laminated	vfg	Very fine grained				
GD	Granitic Dike	VGAB	Varitextured Gabbro	lpd	Leopard textured	xbed	Cross bedding				
GR	Granite	VN	Vein	mass	Massive	xeno	Xenolithic				
GRDR	Granodiorite	WEDGE	Wedge or ream								
GRGN	Granitic Gneiss										
GRGS	Granite Greenstone										
GRP	Graphite										
GRPH	Granophyre										
GRWY	Graywacke										
HGAB	Homeblende Gabbro			alb	Albite	band	Banded	asp	arsenopyrite	amgd	Filling Amygdules
HZBG	Harzburgite			amph	Amphibole	dis	Disseminated	bn	Bornite	bd	Bedded
IBZ	Inclusion Bearing Zone			ank	Ankerite	fc	Fracture -controlled	bnmil	Bornite/Millerite	blb	Blebbly
IF	Iron Formation			bio	Biotite	ff	Fracture Filling	cp	Chalcopyrite	bx	Breccia
IGN	Intermediate Gneiss			bl	Bleaching	int	Interstitial	cr	Chromite	cg	Coarse Grained
IT	Intermediate Tuff			bq	Blue Quartz	mo	Mottled	gal	Galena	cla	Clasts
IV	Intermediate Volcanic			carb	Carbonate	p	Pervasive	mag	Magnetite	cu	Cumulus
LC	Lost Core			chl	Chlorite/Chloritized	pch	Patchy	mill	Millerite	dis	Disseminated
LGAB	Leucogabbro			epd	Epidote	pd	Pods	ml	Malachite	e	Eyes
LGBNR	Leucogabbronorite			gr	Granophyre	sp	Spots, or Spotted	nil	Nil Sulphide	ex	Exsolution
LST	Limestone			grp	Graphitic	stwk	Stockwork	pn	Pentlandite	ff	Fracture Filling
MD	Mafic Dike			gt	Garnets, gametiferous	stgs	Stringers	po	Pyrrhotite	fg	Fine Grained
MDIA	Matachewan Diabase			hb	Homeblende	vn	Vein	popn	Pyrrhotite/Pentlandite	frag	Fragments
MGAB	Melagabbro			he	Hematite	vnl	Veinlets	popncp	Pyrrhotite/Pentlandite/Chalcopyrite	icu	Intercumulus
MGN	Mafic Gneiss			k	K-Feldspar/Potassic			py	Pyrite	int	Interstitial
MIG	Migmatite			ix	Leucoxene			sph	Sphalerite	mass	Massive
MINZ	Monzanite			mag	Magnetite		Alteration Intensity	sulp	Sulphides	mg	Medium Grained
MNZD	Monzodiorite			oxid	Oxidized		Code Desc	VG	Visible Gold	net	Net Textured
MS	Massive Sulphide			qtz	Quartz					rim	Rims
MT	Mafic Tuff			sulp	Sulphide	w	Weak			sm	Semi-Massive
MTX	Metatextite			ser	Sericite	m	Moderate			stgs	Stringers
MV	Mafic Volcanic			serp	Serpentinization	s	Strong			tr	Trace
MYLN	Mylonite			sid	Siderte					vn	Veins
				sil	Silica silicification					wsp	Wisps
				sod	Sodic						

Use lower case lettering followed by commas to separate modifiers after Rock Code.
 Then add texture, structure, alteration and mineralization.
 Use hyphens to further describe a specific code, eg. py-dis, or qtz/epd-ff.





MUSTANG MINERALS CORP.

Hole Number **MBG04-1** Grid Name **6700N/4320E** Elevation **110** Drilling Company **Crites Diamond Drilling**
 Property **Bannockburn** Grid Coord. **6700N/4320E** Azimuth **110** Foreman **Denis Crites**
 Township **UTM Easting** Dip **-45** Core Size **BQ**
 Claim **UTM Northing** Length **198m** Core Storage **Sudbury**
 Zone **ACID** Tests: At **61** Dip **-46** Dates From **April 7**, 2004
 Datum **106.7 -45** To **April 12**, 2004

Test the G.
 Logged By **Kevin Montgomery P.Geo. & Kevin Montgomery 198.1 -43**

Metres	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pt	Pd	3E PGE
0 -	OVERBURDEN									
49.7	Gravel rich overburden causing loss of water return and subsequent reduction to BQ core size. Several large boulders at bed rock/overburden interface.									
49.7 - 144	MURKIN GRAYWACKE Greenish grey, vfg, homogenous, non bedded massive chloritic greywacke. Moderately hard and non magnetic. Structure: The upper portion contains minor fractures and an RQD of 70 to 74.7m Below 74.7m RQD - 95.									
99.7 - 102.0	Very thin (2mm), pink, vfg quartz - carbonate veinlets with trace chalcopyrite specks. Veinlets are 20 to CA.									
110.5	Pink quartz - carbonate veinlet (2mm) IS to CA and containing several vfg brassy yellow chalcopyrite specks.									
135 - 135.6	Two pinkish red quartz veinlets (2-7mm wide) at 20 to CA.									

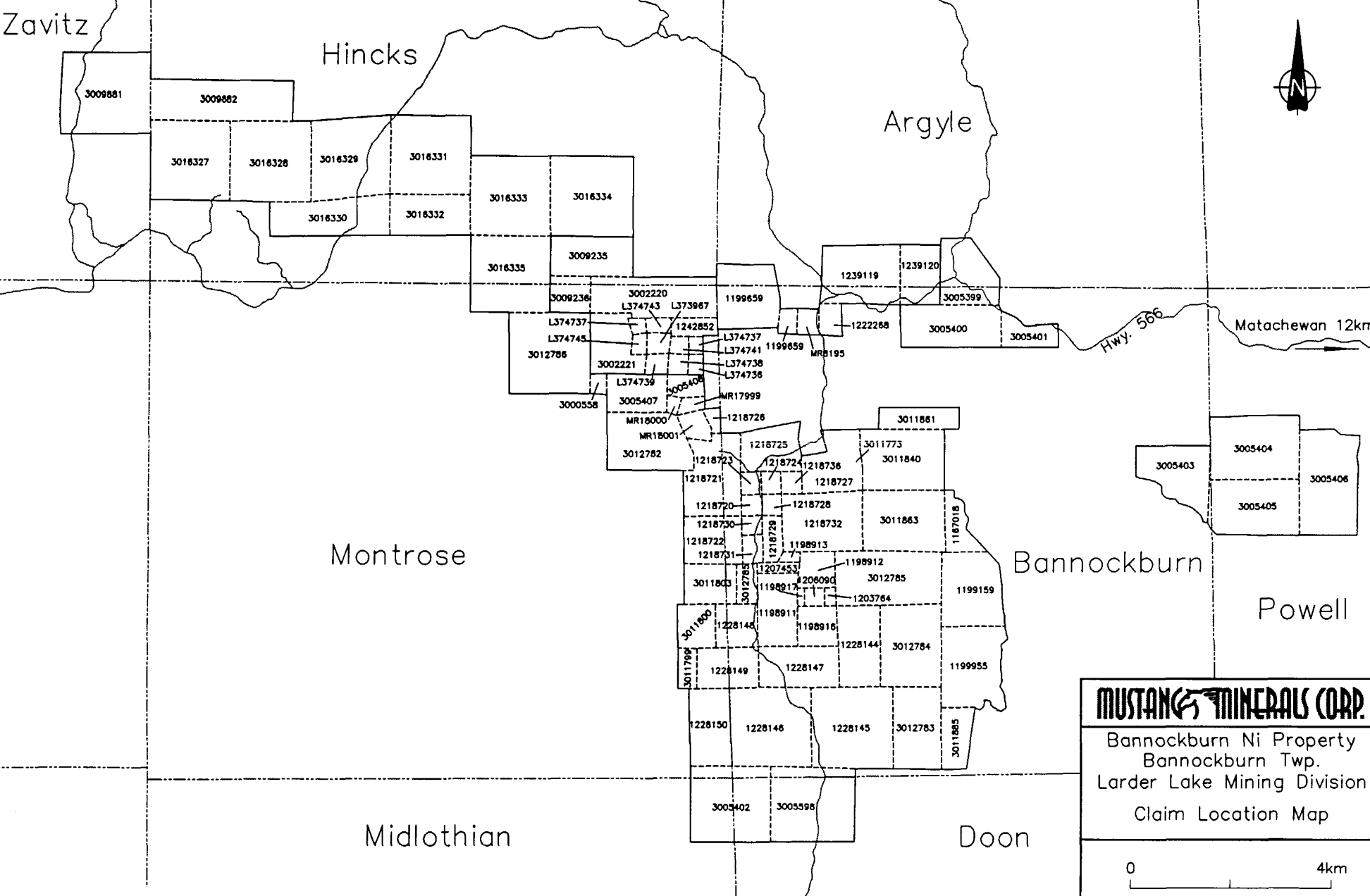
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 0701 J BALMORON 11:00:00
 10:052531194

Property Bannockburn Hole Number MBG 01-1

Metres	Description of Core	Sample From	Sample To	Sample Number	NI	Cu	Au	Pt	Pd	3E PGE
	138.4-139.7 ALTERATION: pink moderate to intense pervasive potassic alteration									
	139.7-142.2 Blocky core RQD 0-5 Fracturing. Lower contact gradational into Conglomerate									
144-155.1	CONGLOMERATE The conglomerate consists of pink subrounded granite fragments (35%) in a greenish grey vfg grey wacke sediment matrix. The matrix is the same as 149.7-144 m. The granite fragments are quite variable from mm size up to 25 cm. This unit sometimes referred to as dropstone. STRUCTURE: weakly laminated, 40 to 60 at 144.5, 147.8, and 153.3 m.									
155.1-159.4	HURONIAN GREYWACKE Same as 149.7-144 m, but weakly laminated STRUCTURE: weakly laminated 40 to 60 at 155.4 m Lower contact gradational									
159.4-163.7	CONGLOMERATE Same as 144-155.1 m, 15% granite fragments. Lower contact gradational.									

P.5/b
 10: (080631)4
 1 (080631)4
 TEL: 1 (416) 291-1111
 FAX: 1 (416) 291-1112

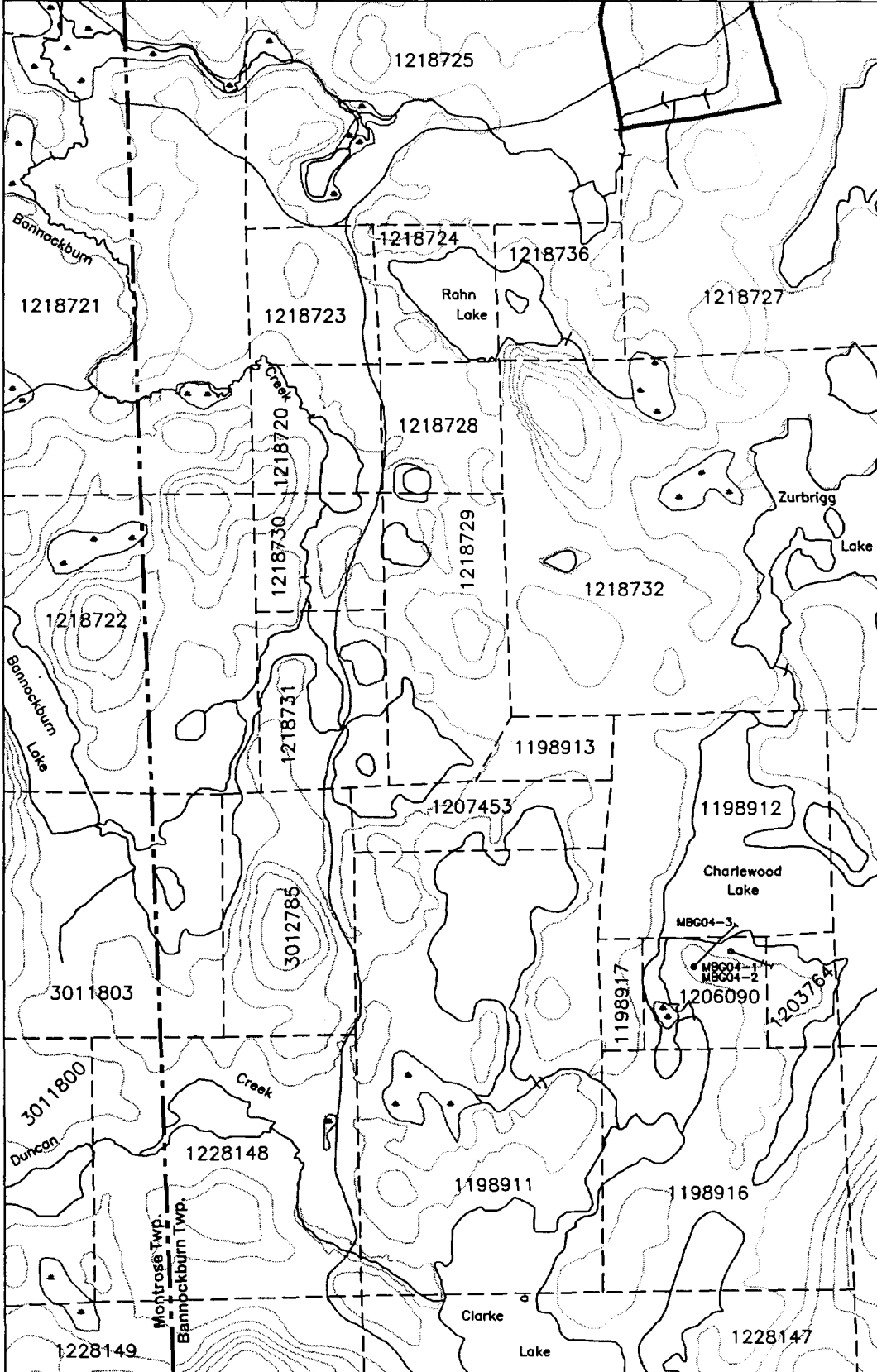
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MUSTANG MINERALS CORP.
 Bannockburn Ni Property
 Bannockburn Twp.
 Larder Lake Mining Division
 Claim Location Map

0 4km





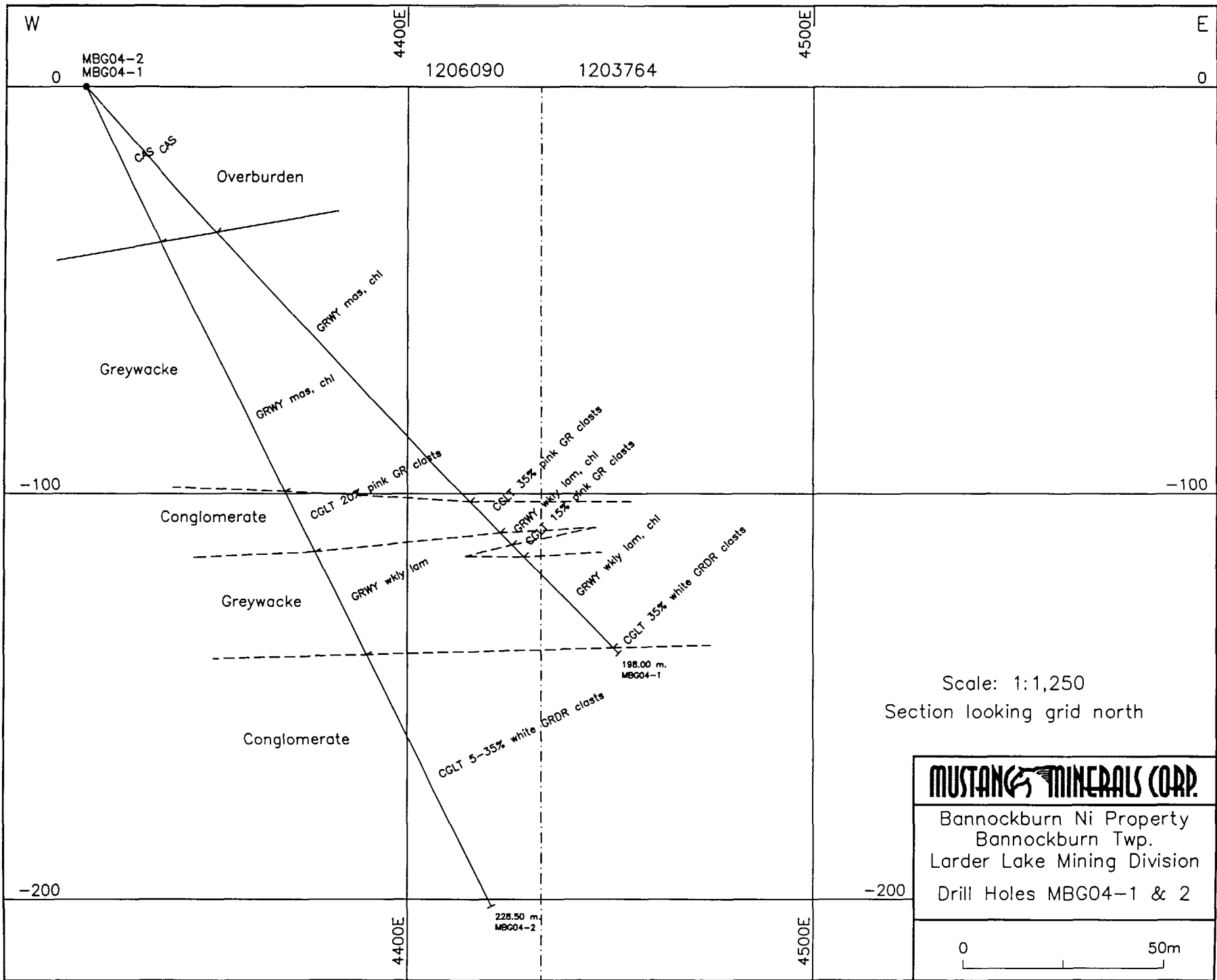
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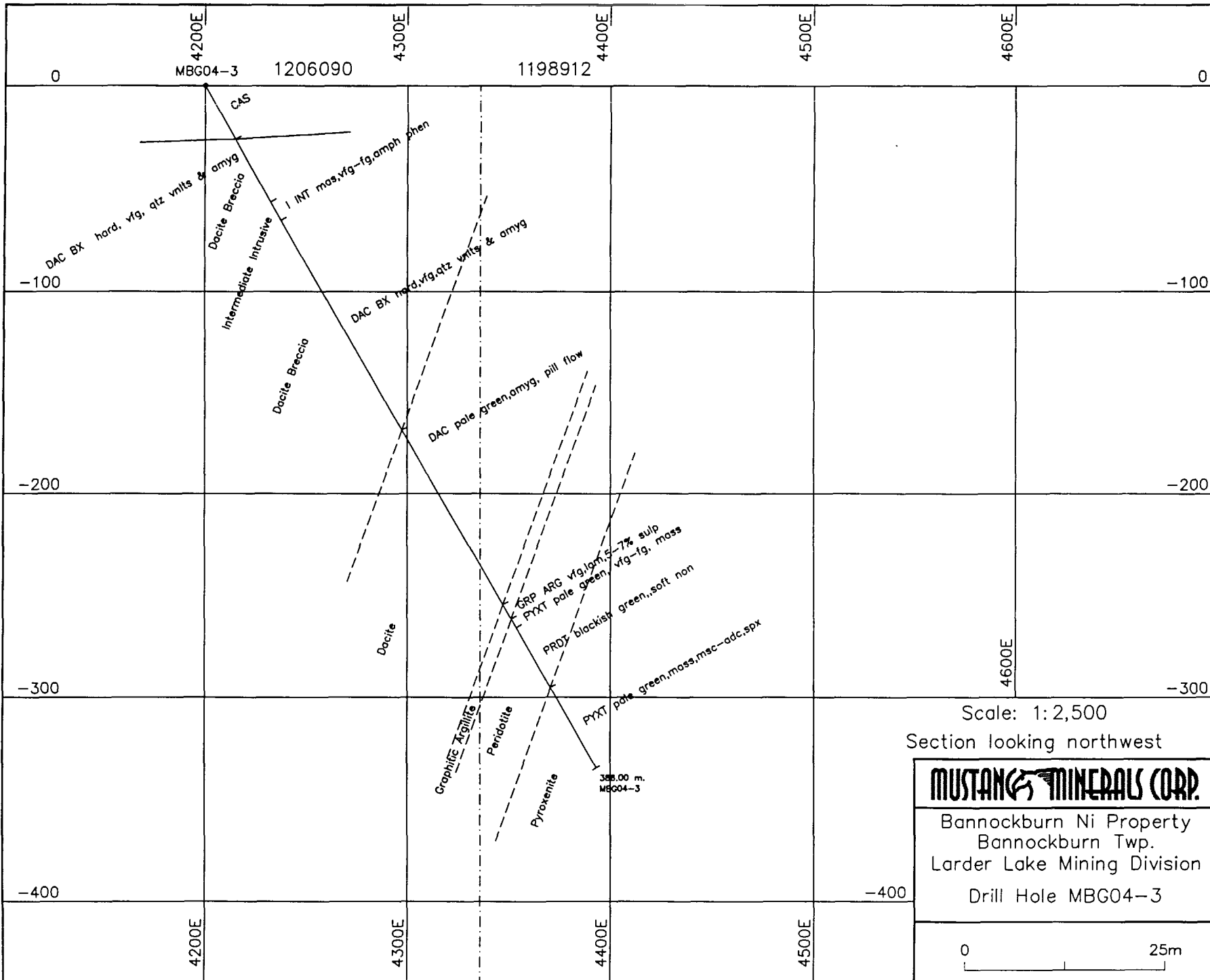
MUSTANG MINERALS CORP.
 Bannockburn Nickel Property
 Bannockburn Twp.
 Larder Lake Mining Division
 Claim & Drill Hole
 Location Map

Mustang Minerals
Rock, texture, structure, alteration, and mineralization codes

Rock Code	Desc			Textures Code	Desc					Structure Code	Desc		
AGAB	Anorthositic Gabbro	NDIA	Nipissing Diabase	acic	Acicular	mega	Megacrystic			bd	Bedded	so	Bedding/Lamination
ALTN	Alteration	NOR	Norite	adc	Adcumulate	mg	Medium Grained			bkly	Blocky	s1	Foliation (S1)
AMPH	Amphibolite	OB	Overburden	amyg	Amygdaloidal	mgm	Medium Grained Matrix			boud	Boudinage	s2	Foliation (S2)
ANOR	Anorthosite	OD	Olivine Diabase	ang	Angular	mono	Monolithic			bxn	Brecciation	rfr	Rhythmically Layered, regular
APL	Aplite Dike	OGAB	Olivine Bearing Gabbro	aph	Aphanitic	msc	mesocumulate			ctv	Cleavage	rli	Rhythmically Layered, irregular
AREN	Arenite	OLGAB	Olivine bearing leucogabbro	band	Banded	mspx	Micro spinifex			dsk	Disking	tl	Texturally Layered
ARG	Argillite	OMGAB	Olivine bearing melagabbro	bc	Broken Core	nod	Nodular			fld	Folded	glm	Graded Layering, modal
ARK	Arkose	OPYXT	Olivine bearing pyroxenite	bd	Bedded	olk	Oikocrystic			flt	Fault	glg	Graded Layering, grain size
BDZN	BorderZone	PEG	Pegmatite	bx	Brecciated	olph	Olivine phyrlic			fol	Foliated	mb	Modally Banded
BSCH	Biotite Schist	PRDT	Peridotite	cg	Coarse Grained	oph	Ophitic			frd	Fractured	tb	Texturally Banded
BSLT	Basalt	PRPH	Porphyry	cmg	Coarse Grained Matrix	orc	Orthocumulate			g	Gouge		
BX	Breccia	PSD	Pseudotachyllite	chill	Chilled contact	peg	Pegmatic			gn	Gneissic		
BXSL	Breccia Sulphide	PYHF	Pyroxene Hornfels	cl	Clotty	pill	Pillows			gou	Gouge Fault		
CAS	Casing	PYXT	Pyroxenite	equi	Equigranular	pill	Pillowed			jnts	Joints		
CGLT	Conglomerate	QD	Quartz Diorite	fb	Flow Banded	plph	Plag phyrlic			l	Layering		
CHT	Chert	QGAB	Quartz Gabbro	fg	Fine Grained	pod	Pods			lam	Laminated		
DAC	Dacite	QTE	Quartzite	fgm	Fine Grained Matrix	poik	Poikilitic			ml	Modal Layering		
DIA	Diabase	QTZV	Quartz Vein	ft	Fault Gouge	poly	Polysutured			myl	Mylonite		
DIKE	Dike	RHY	Rhyolite	flwbx	Flow breccia	porbt	Porphyroblastic			sch	Schistose		
DIOR	Diorite	ROCK	unknown	glph	Glomerophytic	proph	Porphyritic			shr	Shear		
EOH	End of Hole	SCH	Schist	gran	Granophytic	pyph	Pyroxene Phyrlic			shrd	Sheared		
EPDT	Epidote	SDBX	Sudbury Breccia	grbed	Graded bedding	skel	Skeletal			slk	Slickensides		
FD	Felsic Dyke	SED	Sediment	hetr	Heterogeneous	spher	Sphenitic			vn	Veins		
FGN	Felsic Gneiss	SHAL	Shale	hetrl	Heterolithic	spx	Spinifex						
FIX	problems to be fixed	SHR	Shear	hfsd	Hornfelsed	suba	Sub-Angular						
FLT	Fault	SMS	Semi Massive Sulphide	homo	Homogeneous	subo	Subophitic						
FT	Felsic Tuff	STRC	Structure	hyal	Hyaloclastic	subr	Sub-Rounded						
FV	Felsic Volcanic	SULP	Sulphide	lam	Laminated, banded	var	Varfolitic						
GAB	Gabbro	SYEN	Syenite	lamc	Coarse laminated	vari	Varitextured						
GBNR	Gabbro-norite	TON	Tonalite	lamf	Fine laminated	vco	Very coarse grained						
GC	Ground Core	UMAF	Ultramafic/ undefined	lammm	Medium laminated	vfg	Very fine grained						
GD	Granitic Dike	VGAB	Vartextured Gabbro	lpd	Leopard textured	xbed	Cross bedding						
GR	Granite	VN	Vein	mass	Massive	xeno	Xenolithic						
GRDR	Granodiorite	WEDGE	Wedge or ream										
GRGN	Granitic Gneiss												
GRGS	Granite Greenstone												
GRP	Graphite			Alteration		Alteration Style		Mineralization		Mineralization Style			
GRPH	Granophyre			Code	Desc	Code	Desc	Code	Desc	Code	Desc		
GRWY	Graywacke												
HGAB	Homeblende Gabbro			alb	Albite	band	Banded	asp	arsenopyrite	amgd	Filling Amygdules		
HZBG	Harzburgite			amph	Amphibole	dis	Disseminated	bn	Bornite	bd	Bedded		
IBZ	Inclusion Bearing Zone			ank	Ankerite	fc	Fracture -controlled	bnmlil	Bornite/Millerite	blb	Blebbly		
IF	Iron Formation			bio	Biotite	ff	Fracture Filling	cp	Chalcopyrite	bx	Breccia		
IGN	Intermediate Gneiss			bl	Bleaching	int	Interstitial	cr	Chromite	cg	Coarse Grained		
IT	Intermediate Tuff			bq	Blue Quartz	mo	Mottled	gal	Galena	cla	Clasts		
IV	Intermediate Volcanic			carb	Carbonate	p	Pervasive	mag	Magnetite	cu	Cumulus		
LC	Lost Core			chl	Chlorite/Chloritized	pch	Patchy	mill	Millerite	dis	Disseminated		
LGAB	Leucogabbro			epd	Epidote	pd	Pods	ml	Malachite	e	Eyes		
LGBNR	Leucogabbro-norite			grp	Granophyre	sp	Spots, or Spotted	nil	Nil Sulphide	ex	Exsolution		
LST	Limestone			grp	Graphitic	stwk	Stockwork	pn	Pentlandite	ff	Fracture Filling		
MD	Mafic Dike			gt	Garnets, gametiferous	stgs	Stringers	po	Pyrrhotite	fg	Fine Grained		
MDIA	Matachewan Diabase			hb	Homeblende	vn	Vein	popn	Pyrrhotite/Pentlandite	frag	Fragments		
MGAB	Melagabbro			he	Hematite	vnl	Veinlets	popncp	Pyrrhotite/Pentlandite/Chalcopy	icu	Intercumulus		
MGN	Mafic Gneiss			k	K-Feldspar/Potassic			py	Pyrite	int	Interstitial		
MIG	Migmatite			lx	Leucoxene			sph	Sphalerite	mass	Massive		
MINZ	Monzanite			mag	Magnetite	Alteration Intensity		sulp	Sulphides	mg	Medium Grained		
MNZZ	Monzodiorite			oxid	Oxidized	Code	Desc	VG	Visible Gold	net	Net Textured		
MS	Massive Sulphide			qtz	Quartz					rim	Rims		
MT	Mafic Tuff			sulp	Sulphide	w	Weak			sm	Semi-Massive		
MTX	Metatexte			ser	Sericite	m	Moderate			stgs	Stringers		
MV	Mafic Volcanic			serp	Serpentinization	s	Strong			tr	Trace		
MYLN	Mylonite			sid	Siderite					vn	Veins		
				sil	Silica, silicification					wsp	Wisps		
				sod	Sodic								

Use lower case lettering followed by commas to separate modifiers after Rock Code.
 Then add texture, structure, alteration and mineralization.
 Use hyphens to further describe a specific code, eg. py-dis, or qtz/epd-ff.





MUSTANG MINERALS CORP.

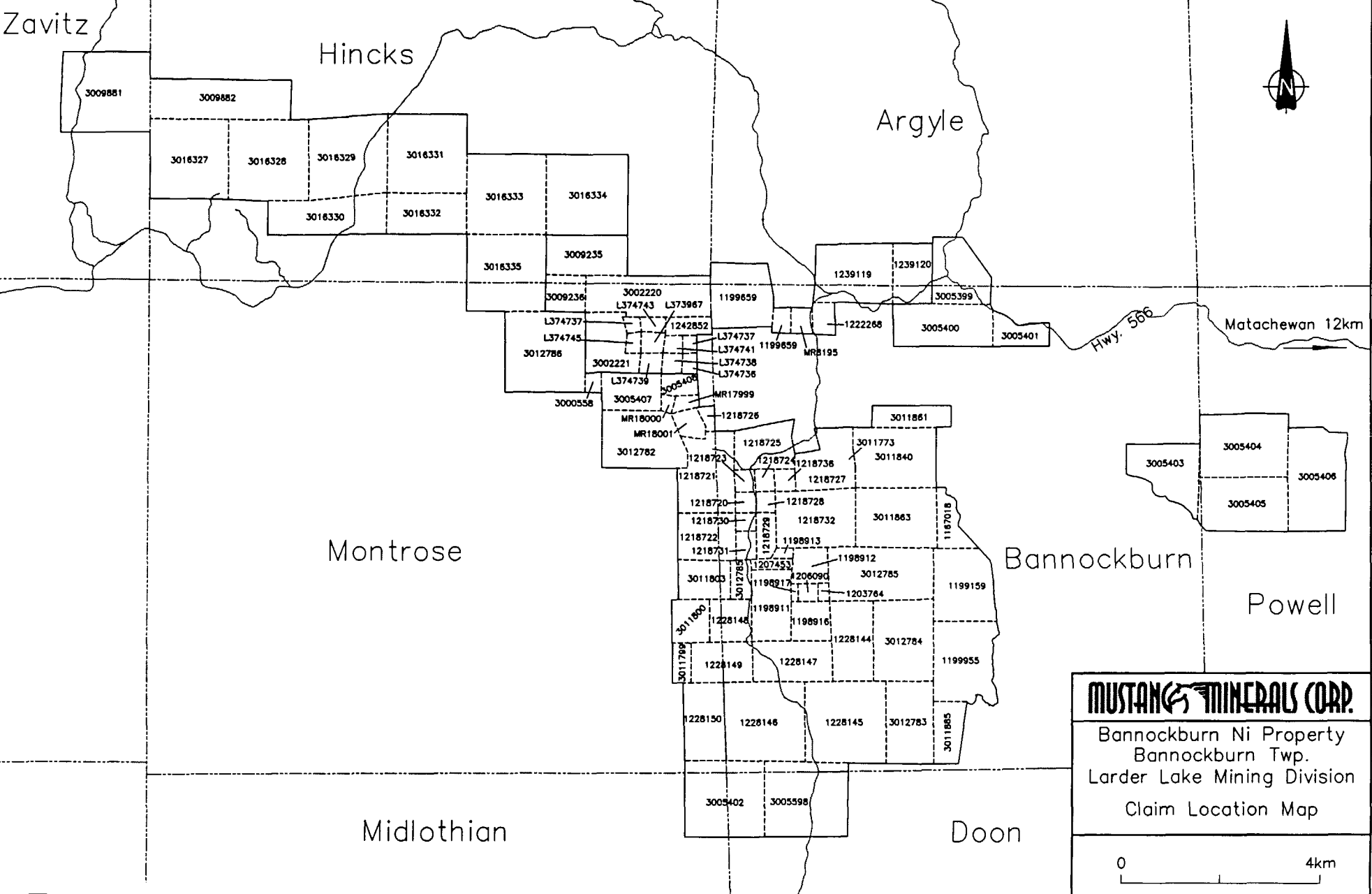
Hole Number **MBG04-2** Grid Name
 Property **Bannockburn** Grid Coord. **6700N/4320E** Elevation
 Township UTM Easting Azimuth **110**
 Claim UTM Northing Length **228.5m** Dip **= 62**
 Zone Tests: At Dip

Drilling Company **Crites Diamond Drilling**
 Foreman **Denis Crites**
 Core Size **BQ**
 Core Storage **Sudbury**

Dates From **April 12, 2004**
 To **April 15, 2004**

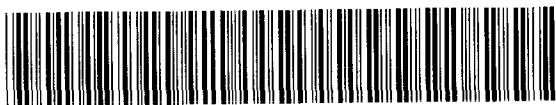
Purpose: Test the TEM G CONDUCTOR
 Logged By **Kevin Montgomery P. Geo. Kevin Montgomery**

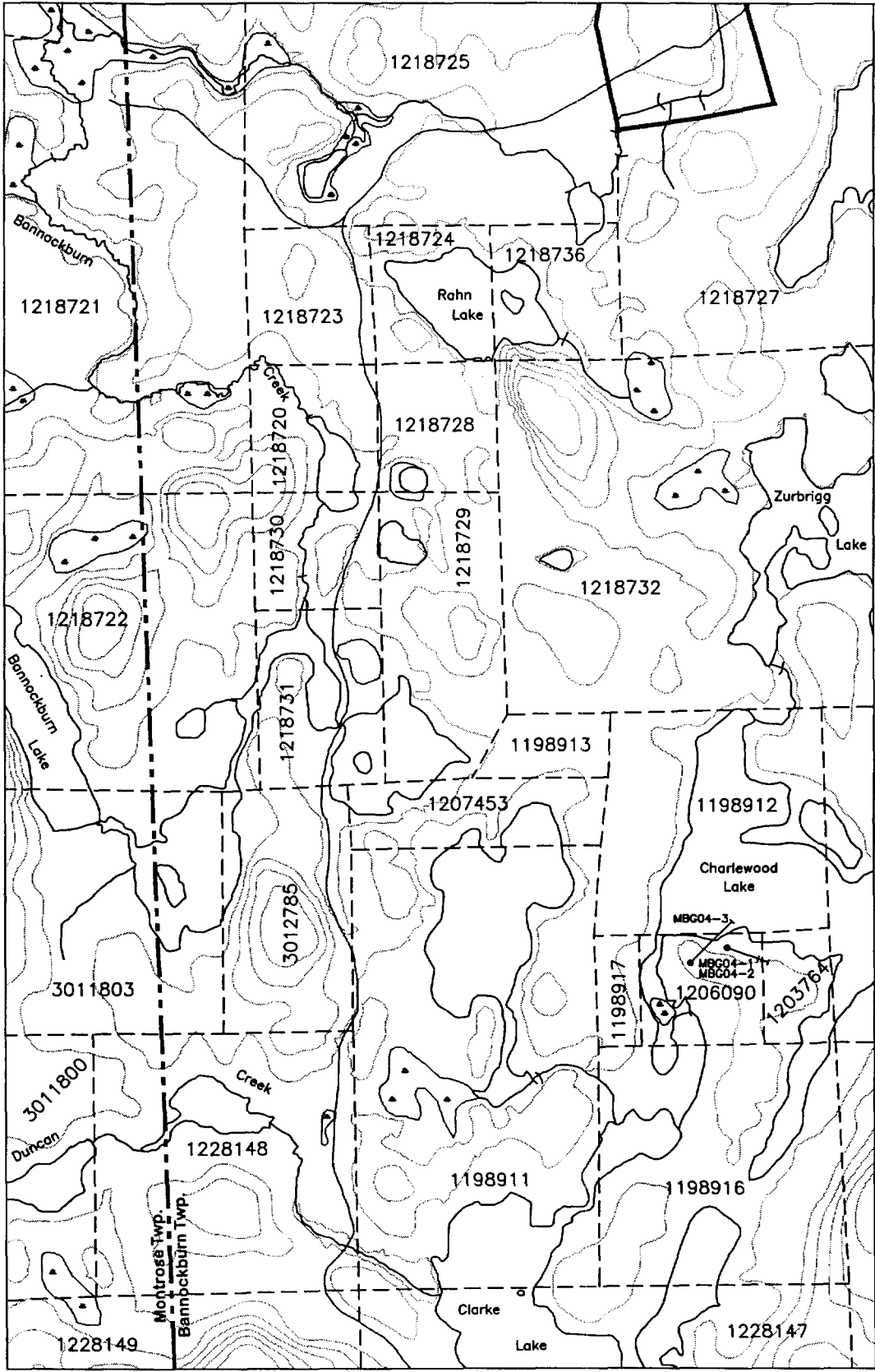
Metres	Description of Core	Sample From	Sample To	Sample Number	NI	Cu	Au	Pt	Pd	3E PGE
0-42.9	OVERBURDEN Gravel rich overburden causing loss of water return and subsequent reduction to BQ core size at 46.5 m.									
42.9-112.6	Huronian Greywacke Same as 497 to 44 m in Hole MBG04-1 Massive RRD-95 Lower contact - gradational into the Conglomerate.									
112.6-129.6	CONGLOMERATE The conglomerate is comprised of 20% pink to pinkish white py-mq subrounded granite fragments to boulders in greenish grey Vfg greywacke sediment matrix (same as above). The granite fragments are very variable in size from mm to 50 cm (core length). STRUCTURE: weakly laminated; S to CA. Lower contact gradational									



MUSTANG MINERALS CORP.
 Bannockburn Ni Property
 Bannockburn Twp.
 Larder Lake Mining Division
 Claim Location Map

0 4km





Scale 1:20,000
 0 200 400m

MUSTANG MINERALS CORP.
 Bannockburn Nickel Property
 Bannockburn Twp.
 Larder Lake Mining Division
 Claim & Drill Hole
 Location Map

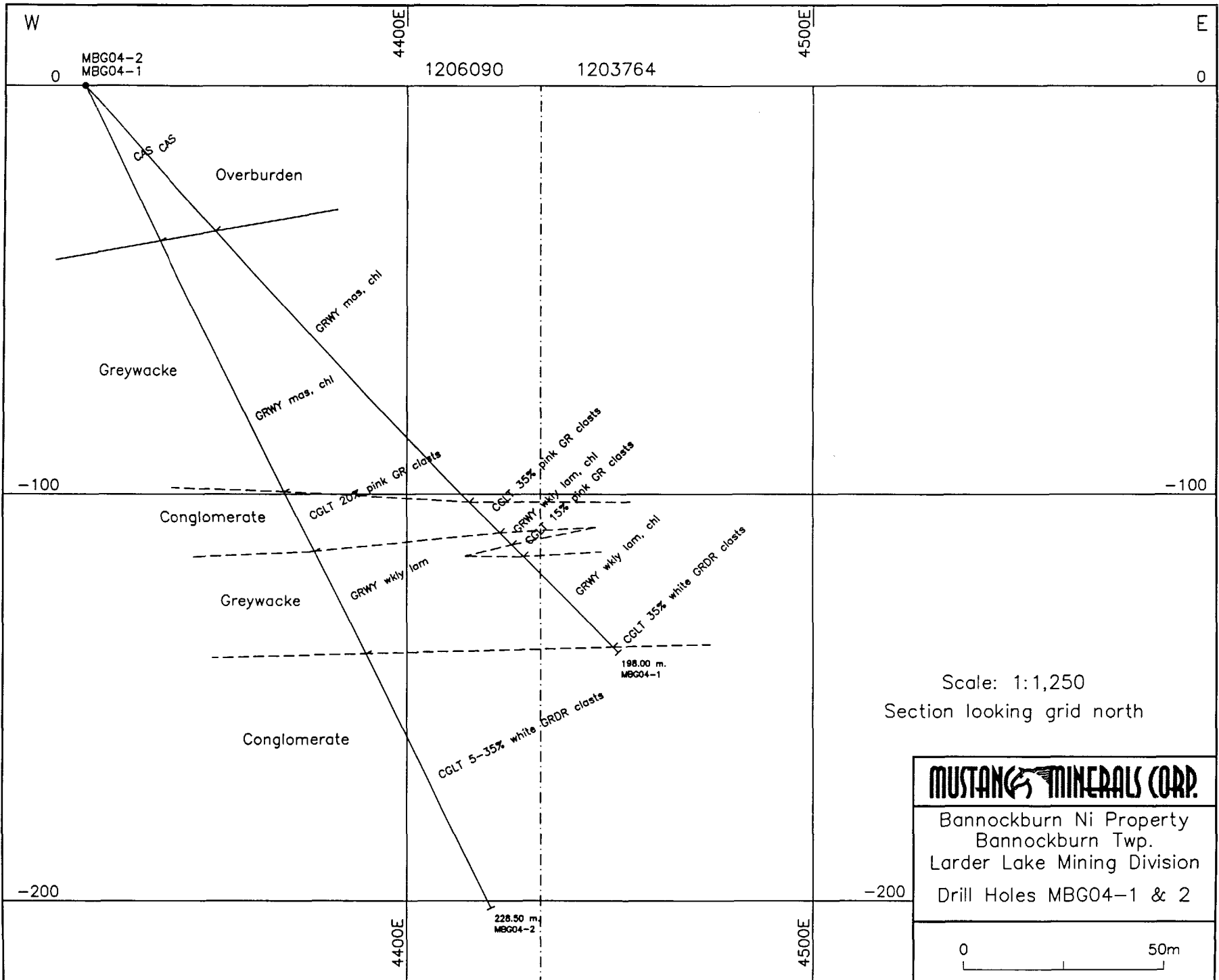
Mustang Minerals
Rock, texture, structure, alteration, and mineralization codes

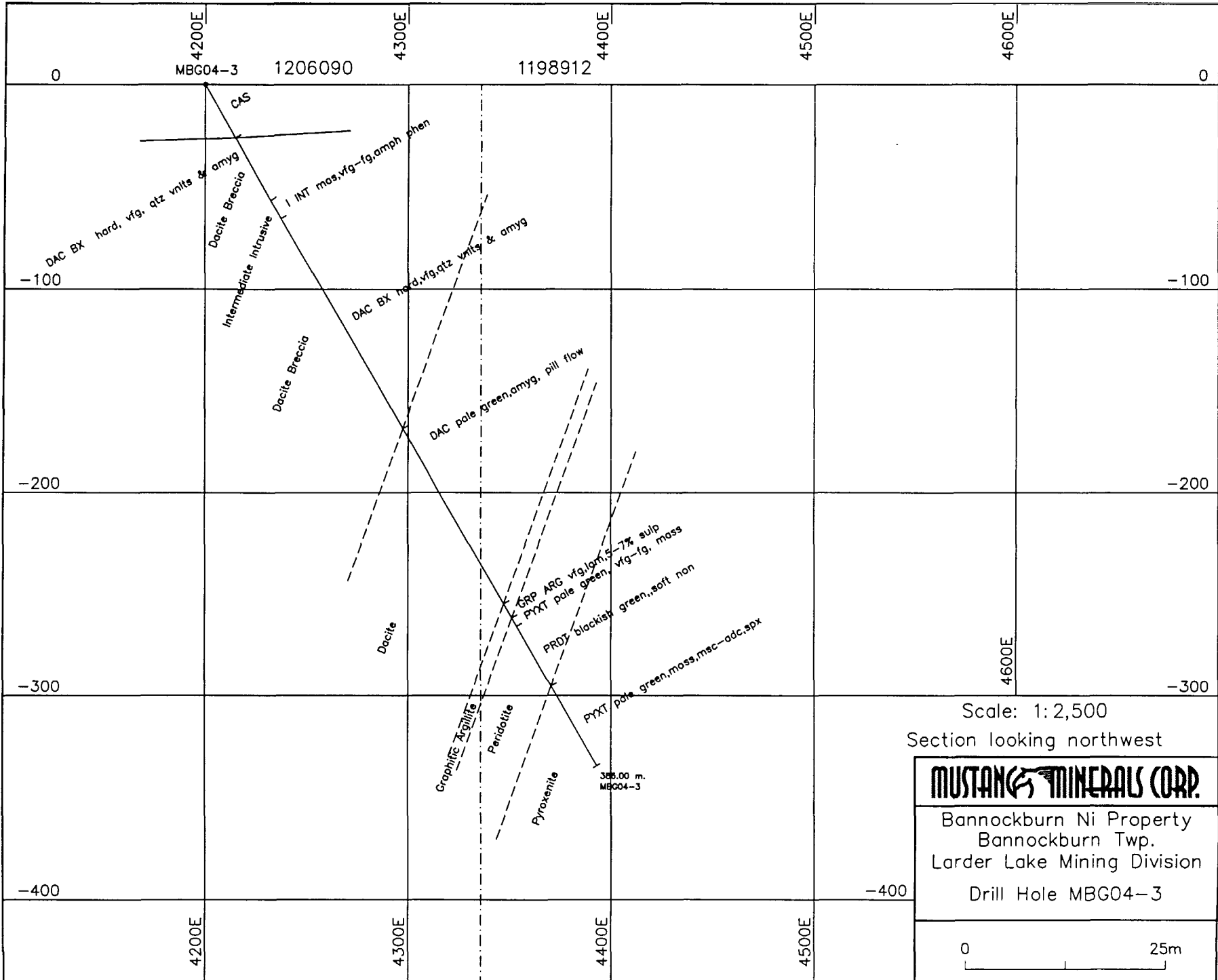
Rock				Textures				Structure				
Code	Desc			Code	Desc			Code	Desc			
AGAB	Anorthositic Gabbro	NDIA	Nipissing Diabase	acic	Acicular	mega	Megacrystic	bd	Bedded		so	Bedding/Lamination
ALTN	Alteration	NOR	Norite	adc	Adcumulate	mg	Medium Grained	bky	Blocky		s1	Foliation (S1)
AMPH	Amphibolite	OB	Overburden	amyg	Amygdaloidal	mgm	Medium Grained Matrix	boud	Boudinage		s2	Foliation (S2)
ANOR	Anorthosite	OD	Olivine Diabase	ang	Angular	mono	Monolithic	bxn	Brecciation		rfr	Rhythmically Layered, regular
APL	Aplitic Dike	OGAB	Olivine Bearing Gabbro	aph	Aphanitic	msc	mesocumulate	clv	Cleavage		rli	Rhythmically Layered, irregular
AREN	Arenite	OLGAB	Olivine bearing leucogabbro	band	Banded	mspx	Micro spinifex	dsk	Disking		tl	Texturally Layered
ARG	Argillite	OMGAB	Olivine bearing melagabbro	bc	Broken Core	nod	Nodular	fld	Folded		glm	Graded Layering, modal
ARK	Arkose	OPYXT	Olivine bearing pyroxenite	bd	Bedded	oik	Oikocrystic	flt	Fault		glg	Graded Layering, grain size
BDZN	Border Zone	PEG	Pegmatite	bx	Brecciated	olph	Olivine phyrlic	fol	Foliated		mb	Modally Banded
BSCH	Biotite Schist	PRDT	Peridotite	cg	Coarse Grained	oph	Ophitic	frd	Fractured		tb	Texturally Banded
BSLT	Basalt	PRPH	Porphyry	cgm	Coarse Grained Matrix	orc	Orthocumulate	g	Gouge			
BX	Breccia	PSD	Pseudotachylite	chill	Chilled contact	peg	Pegmatitic	gn	Gneissic			
BXSL	Breccia Sulphide	PYHF	Pyroxene Hornfels	cl	Clotty	pill	Pillows	gou	Gouge Fault			
CAS	Casing	PYXT	Pyroxenite	equi	Equigranular	pill	Pillowed	jnts	Joints			
CGLT	Conglomerate	QD	Quartz Diorite	fb	Flow Banded	plph	Plag phyrlic	l	Layering			
CHT	Chert	QGAB	Quartz Gabbro	fg	Fine Grained	pod	Pods	lam	Laminated			
DAC	Dacite	QTE	Quartzite	fgm	Fine Grained Matrix	poik	Poikilitic	ml	Modal Layering			
DIA	Diabase	QTZV	Quartz Vein	ft	Fault Gouge	poly	Polysutured	myl	Mylonite			
DIKE	Dike	RHY	Rhyolite	flwbx	Flow breccia	porbl	Porphyroblastic	sch	Schistose			
DIOR	Diorite	ROCK	unknown	glph	Glomerophyrlic	proph	Porphyritic	shr	Shear			
EOH	End of Hole	SCH	Schist	gran	Granophytic	pyph	Pyroxene Phyrlic	shrd	Sheared			
EPDT	Epidote	SDBX	Sudbury Breccia	grbad	Graded bedding	skel	Skeletal	sik	Slickensides			
FD	Felsic Dyke	SED	Sediment	hetr	Heterogeneous	spher	Spherulitic	vn	Veins			
FGN	Felsic Gneiss	SHAL	Shale	hetrl	Heterolithic	spx	Spinifex					
FIX	problems to be fixed	SHR	Shear	hriad	Hornfelsed	suba	Sub-Angular					
FLT	Fault	SMS	Semi Massive Sulphide	homo	Homogeneous	subo	Subophitic					
FT	Felsic Tuff	STRC	Structure	hyal	Hyaloclastitic	subr	Sub-Rounded					
FV	Felsic Volcanic	SULP	Sulphide	lam	Laminated, banded	var	Varfolitic					
GAB	Gabbro	SYEN	Syenite	lamc	Coarse laminated	vari	Varitextured					
GBNR	Gabbronorite	TON	Tonalite	lamf	Fine laminated	vcg	Very coarse grained					
GC	Ground Core	UMAF	Ultramafic/ undefined	lamm	Medium laminated	vfg	Very fine grained					
GD	Granitic Dike	VGAB	Varitextured Gabbro	lpd	Leopard textured	xbed	Cross bedding					
GR	Granite	VN	Vein	mass	Massive	xeno	Xenolithic					
GRDR	Granodiorite	WEDGE	Wedge or ream									
GRGN	Granitic Gneiss											
GRGS	Granite Greenstone											
GRP	Graphite				Alteration		Alteration Style		Mineralization		Mineralization Style	
GRPH	Granophyre				Code	Desc	Code	Desc	Code	Desc	Code	Desc
GRWY	Graywacke											
HGAB	Homeblende Gabbro			alb	Albite	band	Banded	asp	arsenopyrite	amgd	Filling Amygdules	
HZBG	Harzburgite			amph	Amphibole	dis	Disseminated	bn	Bornite	bd	Bedded	
IBZ	Inclusion Bearing Zone			ank	Ankerite	fc	Fracture -controlled	bnmil	Bornite/Millerite	blb	Blebbly	
IF	Iron Formation			blo	Biotite	ff	Fracture Filling	cp	Chalcopyrite	bx	Breccia	
IGN	Intermediate Gneiss			bl	Bleaching	int	Interstitial	cr	Chromite	cg	Coarse Grained	
IT	Intermediate Tuff			bq	Blue Quartz	mo	Mottled	gal	Galena	cla	Clasts	
IV	Intermediate Volcanic			carb	Carbonate	p	Pervasive	mag	Magnetite	cu	Cumulus	
LC	Lost Core			chl	Chlorite/Chloritized	pch	Patchy	mill	Millerite	dis	Disseminated	
LGAB	Leucogabbro			epd	Epidote	pd	Pods	ml	Malachite	e	Eyes	
LGBNR	Leucogabbronorite			gr	Granophyre	sp	Spots, or Spotted	nil	Nil Sulphide	ex	Exsolution	
LST	Limestone			grp	Graphitic	shwk	Stockwork	pn	Pentlandite	ff	Fracture Filling	
MD	Mafic Dike			gt	Garnets, garnetiferous	stgs	Stringers	po	Pyrrhotite	fg	Fine Grained	
MDIA	Matachewan Diabase			hb	Hornblende	vn	Vein	popn	Pyrrhotite/Pentlandite	frag	Fragments	
MGAB	Melagabbro			he	Hematite	vnl	Veinlets	popncp	Pyrrhotite/Pentlandite/Chalcopyrite	icu	Intercumulus	
MGN	Mafic Gneiss			k	K-Feldspar/Potassic	py	Pyrite	int	Interstitial			
MIG	Migmatite			lx	Leucoxene	sph	Sphalerite	mass	Massive			
MNZ	Monzanite			mag	Magnetite		Alteration Intensity	supl	Sulphides	mg	Medium Grained	
MNZD	Monzoniorite			oxid	Oxidized		Code			net	Net Textured	
MS	Massive Sulphide			qtz	Quartz		Desc	VG	Visible Gold	rim	Rims	
MT	Mafic Tuff			sulp	Sulphide	w	Weak			sm	Semi-Massive	
MTX	Metaxite			ser	Sericite	m	Moderate			stgs	Stringers	
MV	Mafic Volcanic			serp	Serpentinization	s	Strong			tr	Trace	
MYLN	Mylonite			sid	Sidite					vn	Veins	
				sil	Silica, silicification					wspa	Wisps	
				sod	Sodic							

Use lower case lettering followed by commas to separate modifiers after Rock Code.

Then add texture, structure, alteration and mineralization.

Use hyphens to further describe a specific code, eg. py-dis, or qtz/epd-ff.





0 MBG04-3 1206090 4200E 4300E 4400E 4500E 4600E 0

DAC BX hard, vfg, qtz vnits & amyg
Dacite Breccia
Intermediate Intrusive
Dacite Breccia
DAC BX hard, vfg, qtz vnits & amyg

Dacite Breccia
Dacite
DAC pale green, amyg, pill flow

Dacite
GRP ARG vfg, lom, s, 7% sulph
PYXT pale green, vfg-fg, mass
PRDZ blackish green, soft non
PYXT pale green, moss, msc-adc, spx

388.00 m.
MBG04-3

Scale: 1: 2,500
Section looking northwest

MUSTANG MINERALS CORP.

Bannockburn Ni Property
Bannockburn Twp.
Larder Lake Mining Division
Drill Hole MBG04-3

4200E 4300E 4400E 4500E 4600E

0 25m

MUSTANG MINERALS CORP.

Hole Number **MB 604-3** Grid Name **10155N/7271E (New)** Elevation
 Property **Bannockburn** Grid Coord. **6650N/4200E (old)** Azimuth **045**
 Township UTM Easting Dip **-60**
 Claim UTM Northing Length **386m**
 Zone Tests: At Dip

Drilling Company **Crites Diamond Drilling**
 Foreman **Denis Crites**
 Core Size **NQ**
 Core Storage **Sudbury**

Purpose: Test the Quantec KLEM G Conductor
 Logged By **Kevin Montgomery P-Geo. Kevin Montgomery**

Dates From **April 22, 2004**
 To **April 29, 2004**

Metres	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pt	Pd	3E PGE
0-12	OVERBURDEN									
12-29.85	HURONIAN GRANULITES									
	- Same as MB604-1									
	Rare subrounded white fgy-mg granodiorite dropstones									
	Trace white quartz or quartz-calcite specks locally									
	Structure: Generally non bedded with local laminations. ss to calc at 19m, 70 to calc at 28m									
	Weakly fractured RQD ~90									
	Lower contact sharp 70 to calc.									
29.85 - 64.7	DACITE BRECCIA									
	Greenish grey vfg, hard nonmagnetic dacite breccia. The breccia consists of very angular to angular light greenish grey homogeneous dacite fragments (85%) that are hosted by a dark grey vfg felsic matrix containing minor calcite. The breccia is cut by 2-3% cream white quartz veinlets (3mm x 2mm) and trace gridlike white quartz-calcite tensional gashes. The dacite fragments often contain									

Very fine clear quartz filled amygdalose

Property Bannockburn Hole Number MBG 04-3

Metres	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pt	Pd	3E PGE
	35.2 - 35.4 Rusty Spongy CORE LOST.									
	35.4 - 36 Blouey core due to fracturing with some iron oxide staining.									
	38.2 - 40.6 MINERALIZATION: 0.5% Vfg-fg disseminated brassy pyrite and trace pyrrhotite.									
	60.9 - 64.7 60-70% white bleached siliceous surrounded quartz amygdaloidal dacite fragments in dark grey to greenish grey Vfg soft intermediate to mafic volcanic matrix.									
	Lower contact sharp 60 to CA.									
64.7 - 75	INTERMEDIATE INTRUSION Grey, white speckled, massive, homogeneous, non-magnetic, Vfg to fg Intermediate intrusion. The intrusion is composed of 40-50% dark green chloritized amphibole knobby to lath phenocrysts interlocked with 40% clear quartz phenocrysts and 5-10% pink feldspar phenocrysts. The upper margin (64.7 - 66.7) and lower margin (72.4 to 75) Vfg chilled. They are non speckled. Local white Vfg quartz - calcite veinlets (upto 1cm) cut the intrusion typically at 40-55 to CA. Lower contact sharp 70 to CA.									

Property Bannockburn Hole Number MBG 04-3

Metres	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pt	Pd	3E PGE
75-	DAECITE Breccia									
104.7	Same as 29-85 to 64.7 m.									
	Breccia cut by 3-5% white vfg irregular quartz veinlets to patches to 136.7 m.									
	Local yellowish green serpentine alteration patches.									
	White vfg opaque silica alteration (blebby)									
	halos (1-3 cm) about some of the quartz veinlets to veins.									
	Competent unit RQD = 90 to 95									
	113-113.4 ALTERATION: white blebbed zone (silica + quartz)									
	122-122.2 Quartz Vein (2 cm), S rock.									
	122.2-126.7 Blocky core (RQD 5) due to fractures parallel to core axis. Glassy silica filler									
	Microfractures common throughout causing a crackle breccia texture.									
	127.3 yellowish green serpentine alteration band (3 cm) 30 to 70.									
	128.5-128.7 yellowish green serpentine alteration patch.									
	126.7-130.8 1-2% dark green chlorite filled microfractures brecciating the matrix									
	158.5-163.2 ALTERATION: weak chloritization of the matrix proximal to dacite fragments & blocks									
	160.1 white vfg quartz vein (4 m).									

Property Bannockburn Hole Number MBG 04-3

Metres	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pt	Pd	3E PGE
	173-173.7 Section Contain ~ 50% white Vfg ragged silica flood lag									
	173.7 - 174.6 ALTERATION: white to bleached zone of silicification with: microcrystalline and trace disseminated pyrrhotite. Sharp lower contact 60 to 61.									
	188-190.3 MINERALIZATION: 0.5-1% Vfg brown pyrrhotite disseminations that are hosted within fine (1mm) clear quartz filled amygdalites.	189.1	190.3	29183						
	190.3 - 191 MINERALIZATION: 8% Vfg-brown pyrrhotite disseminations to wispy blebs.	190.3	191	29184						
	191-191.65 MINERALIZATION: 20% same as 188-190.3.	191	191.65	29185						
	193.2 - 194.7 MINERALIZATION: 1-2% same as 188-190.3									
	Lower contact is gradational into more massive dacite									
194.7 - 204.2	DACITE Pale green Vfg amygdaloidal pillowed dacite. The dacite contains 2-3% clear quartz filled round to oval amygdalites and has brecciated 10-30cm flow selvages.									
	MINERALIZATION: 5-15% Vfg brown pyrrhotite wispy blebs to stringers only present within 10-40cm long brecciated flow selvages. Examples are 202.95-203.15, 204.55-204.9, 206.55-206.7, 211.8-212.2, 216.8-217.1,	204	204.95	29186						

206.55-206.7, 211.8-212.2, 216.8-217.1,

Property Bannockburn

Hole Number MB604-3

Source of conductor (down hole in 602?)

Metres	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pt	Pd	3E PGE
	291.2-291.5 MINERALIZATION: 3-4% Vfg brown pyrrhotite wisps to stringers									
	291.5 - 292.05 Black graphitic argillite blocks in section - MINERALIZATION: 2% Vfg brown pyrrhotite dissemination									
	294 - 294.2 MINERALIZATION: 25% brown Vfg disseminated pyrrhotite.	293.7	294.2	29208						
	Lower contact sharp but very wavy									
294.2 - 302.5	GRAPHIC ARGILLITE/SILICEOUS GREYWACKES Black to light grey Vfg brecciated or bedded graphitic argillite and grey siliceous greywacke RQD=60									
	294.2 - 296.35 Graphitic siliceous greywacke (Vfg whitish grey hard) non bedded and locally fracture brecciated. MINERALIZATION: predominantly Vfg brown pyrrhotite dissemination to stringers overall 5-29% except from 295.3 to 295.6 where an anomalous pyrrhotite stringer network occurs (30% sulphide)	294.2	295.3	209						
		295.3	296.35	210						
	296.35 - 297 Sulphidic graphitic brecciated siliceous greywacke.	296.35	297.2	29211						
	296.35 - 297 MINERALIZATION: 15-20% Vfg - fg brown wispy to ragged pyrrhotite patches grading into pyrite.									

MAY-07-2004 17:27 From: MUSTANG FIELD 17055652257 To: 7055231194 P.6/9

Property Bannockburn Hole Number MBG04-3

Metres	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pl	Pd	3E PGE
	297-298 MINERALIZATION: Vfy brassy massive pyrite patches (ragged) 30% in section.	297.2	298	29212						
	298-301.8 Black amphibitic, amillite with 5-10% thin light grey siliceous greywacke beds. Bedding SS to CA at 298.3 Flattening to 35 to CA at 301 m. MINERALIZATION: 8% Vfy brassy pyrite oval shaped lenses to ragged thin bands (5mm) parallel to bedding.	298	299.3	29213						
		299.3	300.3	29214						
		300.3	301.8	29215						
	301.8 - 302.75 Somewhat similar to above but sulphide content 1-2% and siliceous greywacke beds (0.5 - 2.5cm).	301.8	302.8	29216						
	Lower contact sharp p 50 to CA.									
302.8 - 307	Pyroxenite									
	Pale green Vfy-fy, homogeneous, massive, soft pyroxenite. The pyroxenite consists of 80-85% pale green pyroxene cumulate within a white felsic-carbonate matrix. Mesocumulate with moderate serpentinization. MINERALIZATION: 2% Vfy brown pyrrhotite finely disseminated and locally concentrated blebs in microfractures. RQD-40	302.8	304	29217						
		304	305.5	218						
		305.5	307	219						
	305 - 307 2-3% white serpentine & calcite veins cutting irregularly the pyroxenite. Lower contact gradual upward into peridotite.									

Property Bannockburn Hole Number MB604-3

Meters	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pt	Pd	3E PGE
307 - 341	PERIDOTITE	307	308.5	29220						
	Blackish green Fg, soft, non magnetic peridotite	308.5	310	221						
	accumulate. The peridotite is composed of	310	311.5	222						
	95% dark green serpentinized olivine cumulate	311.5	312.9	223						
	in mutual contact with black aphanitic	312.9	314	224						
	serpentine intercumulus material. The olivine	314	315.5	225						
	cumulate is locally talc altered (white).	315.5	317	226						
	R20-50 to 326.m then R20-70	317	318.5	227						
		318.5	320	228						
		320	321.5	229						
	307-312 MINERALIZATION: 1% Vfg-fg brown finely	321.5	323	230						
	disseminated pyroxenite.	323	324.5	231						
		324.5	326	232						
	328.5 - 332.5 Peridotite cut by 1% white serpentine	326	327.5	233						
	- calcite stringers to veinlets.	327.5	329	234						
		329	330.5	235						
	332-341 Blackish green, fg-mg, mesocumulate	330.5	332	236						
	peridotite composed of serpentinized	332	333.5	237						
	relates to knobby cumulate (80%) in a dark	333.5	335	238						
	green serpentine matrix	335	336.5	239						
		336.5	337.5	240						
	338.6-341 MINERALIZATION: 2% Vfg-fg	337.5	338.6	241						
	brown to brassy disseminated intercumulus	338.6	339.8	242						
	pyroxenite and local hair line fractures.	339.8	341	243						
	Lower contact is gradational into pyroxenite.									
341 - 386	PYROXENITE									
	Pale to grayish green, Vfg-fg, massive, soft									
	pyroxenite flow. It consists of mesocumulate									
	to orthocumulate with pyroxene needles									
	relates in a Vfg matrix.									

Property Bannockburn Hole Number MBG04-3

Metres	Description of Core	Sample From	Sample To	Sample Number	Ni	Cu	Au	Pt	Pd	3E PGE
	Very minor dark green serpentine tensional gashes.	341	342	29244						
	341-342 micriticization: 1% vfg brown disseminated pyroxenite.	342	343.5	245						
		343.5	345	246						
		345	346.5	247						
	341-344 Fy-mg serpentinized pyroxenite.	346.5	348	248						
		348	349.5	249						
		349.5	351	250						
	350.5-352.75 Dark blackish grey crackle brecciated pyroxenite as a result of moderately intense black (arg. illite filled?) microfracturing.									
	359.45-359.3 Spinifex textured section - random fine pyroxene laths in a vfg matrix.									
	359.8-363.5 Crackle breccia - strongly brecciated pyroxenite flow section as a result of an anastomosing network of black to dark green serpentine filled fractures.									
	363.5-383 Weak to moderate dark green tensional serpentine filled fracturing (1-5mm) randomly oriented.									
	362.45-362.7 Spinifex texture									
	374.85-382.60 same as 359.15-359.3m, Spinifex texture.									
	383-386 Dark green, fy-mg, massive mesocumulate pyroxenite									
386	END OF THE HOLE									
	A downhole pulse EM survey was conducted down the complete hole by Stone Geophysics.									

Reflex Instruments conducted a Maxi bor directional survey down the hole.

Work Report Summary

Transaction No: W0480.00738 Status: APPROVED
 Recording Date: 2004-MAY-17 Work Done from: 2004-APR-05
 Approval Date: 2004-JUN-01 to: 2004-APR-30

Client(s):

178525 OUTOKUMPU MINES INC./LES MINES OUTOKUMPU INC.
 393204 PHOENIX MATACHEWAN MINES INC.

Survey Type(s):

PDRILL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
L 1198912	\$11,507	\$11,507	\$0	\$0	\$0	0	\$11,507	\$11,507	2008-APR-07
L 1203764	\$6,196	\$6,196	\$0	\$0	\$0	0	\$6,196	\$6,196	2008-APR-11
L 1206090	\$70,813	\$70,813	\$0	\$0	\$8,000	8,000	\$62,813	\$62,813	2008-APR-07
L 3002220	\$0	\$0	\$5,200	\$5,200	\$0	0	\$0	\$0	2006-MAY-17
L 3002221	\$0	\$0	\$2,800	\$2,800	\$0	0	\$0	\$0	2006-MAY-17
	\$88,516	\$88,516	\$8,000	\$8,000	\$8,000	\$8,000	\$80,516	\$80,516	

External Credits: \$0

Reserve:

\$80,516 Reserve of Work Report#: W0480.00738

\$80,516 Total Remaining

Status of claim is based on information currently on record.



Date: 2004-JUN-02

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

OUTOKUMPU MINES INC./LES MINES
OUTOKUMPU INC.
SUITE 4650, 1 FIRST CANADIAN PLACE, P.O. BOX
360
TORONTO, ONTARIO
M5X 1E1 CANADA

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

Submission Number: 2.27671
Transaction Number(s): W0480.00738

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,



Roy Denomme
Senior Manager(A), Mining Lands Section

Cc: Resident Geologist

Outokumpu Mines Inc./Les Mines Outokumpu
Inc.
(Claim Holder)

Phoenix Matachewan Mines Inc.
(Claim Holder)

Assessment File Library

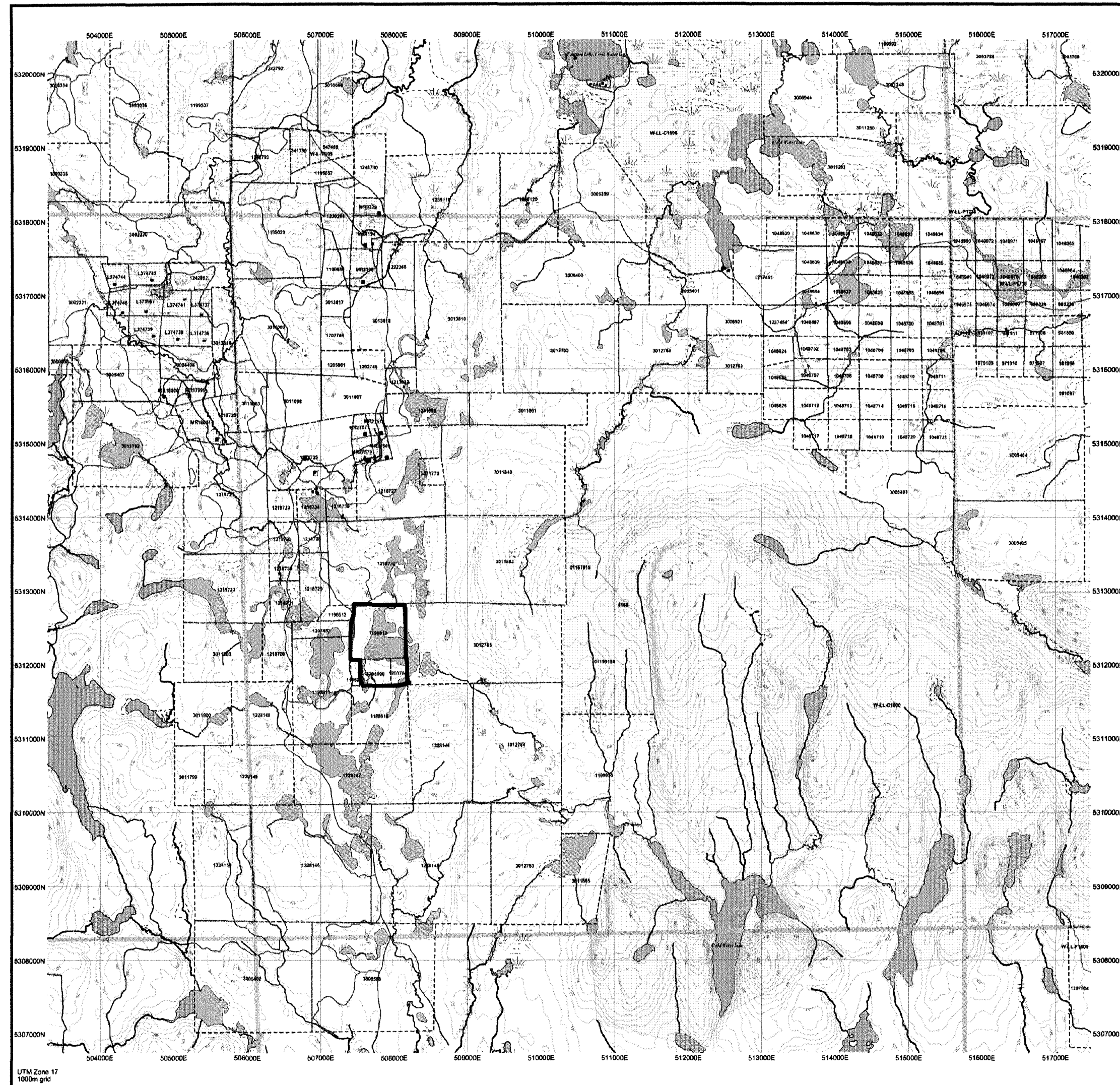
Outokumpu Mines Inc./Les Mines Outokumpu
Inc.
(Assessment Office)

Date / Time of Issue: Wed Jun 30 09:35:44 EDT 2004

TOWNSHIP / AREA PLAN
BANNOCKBURN M-0207

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division Larder Lake
 Land Titles/Registry Division TIMISKAMING
 Ministry of Natural Resources District KIRKLAND LAKE



TOPOGRAPHIC

- Administrative Boundaries
- Township
- Countdown Lot
- Provincial Park
- Indian Reserve
- CLP P.A. File
- Canal
- Mini-Struck
- Mini-Proprietary
- Railway
- Highway
- Tan
- Natural Gas Pipeline
- Utility
- Tower

Land Tenure

- Freehold Patent
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Leasehold Patent
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Leasehold Classification
 - Uses Not Specified
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
 - Land Use Permit
 - Order to Cancel (Not open for bidding)
 - Water Power Lease Agreement
 - Mining Claim
 - Filed Only Mining Claims

LAND TENURE WITHDRAWALS

- 12M Areas Withdrawn from Disposition
- Mining Area Withdrawal Types
 - W: Yes
 - W: No
 - W: Yes
 - W: No
 - W: Yes
 - W: No

IMPORTANT NOTICES

Scale 1:20000

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
010104	Worm	Nov 10, 2003	W: Yes
011010	Worm	Nov 10, 2003	W: No
4100	Worm	Jan 1, 2001	W: Yes
WLL-C100	Worm	Feb 1, 2004	W: No
WLL-C100	Worm	Feb 12, 2002	W: No
WLL-C102	Worm	Feb 1, 2004	W: No
WLL-F100	Worm	Feb 1, 2004	W: No
WLL-F100	Worm	Feb 13, 2002	W: No
WLL-F110	Worm	Feb 12, 2002	W: No
WLL-F110	Worm	Feb 12, 2002	W: No

2.27671 PDRILL

