

Rimfire Minerals Corporation

**2004 GEOLOGICAL, GEOCHEMICAL
AND DIAMOND DRILLING REPORT
ON THE MOR 2 AND RDN 1-18 CLAIMS**

Volume III - Figures

Located in the Eskay Creek Area
Liard Mining Division
NTS 104B/15E, 104G/2E
57° 00 North Latitude
130° 39' West Longitude

-prepared for-

RIMFIRE MINERALS CORPORATION
Suite 700, 700 West Pender Street
Vancouver, B.C., Canada
V6C 1G8

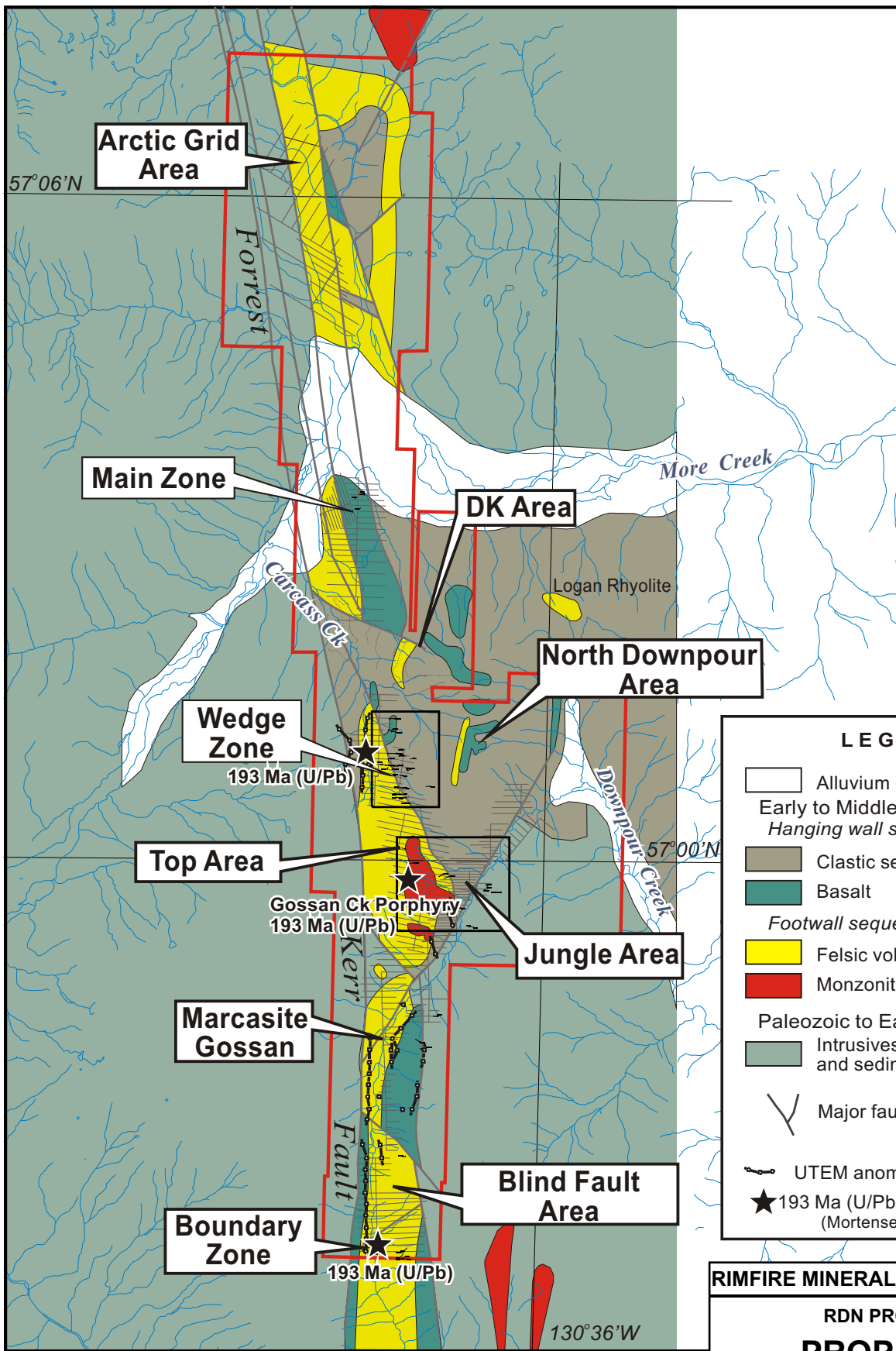
-prepared by-

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March 2005

LIST OF FIGURES

		<u>Page</u>
Figure 1	Location Map (1:9,090,000)	2
Figure 2	Claim Map (1:100,000)	3
Figure 3	Regional Geology (1:100,000)	8
Figure 4	RDN Property Geology (1:100,000)	Volume III
Figure 5a	Blind Fault Geology (1:2,500).....	Volume III
Figure 5b	Marcasite Gossan Area Geology (1:5,000).....	Volume III
Figure 5c	North Downpour-Top Area Geology (1:5,000).....	Volume III
Figure 5d	Arctic Grid Area Geology (1:5,000).....	Volume III
Figure 6	Whole Rock, Winchester-Floyd Plot.....	23
Figure 7	Whole Rock, Zr vs Y, All areas.....	24
Figure 8	Whole Rock, Al/Ti vs Alteration index.....	24
Figure 9	REE's Arctic Grid and 21 Zone Rhyolites.....	25
Figure 10	Drill Hole Location Map (1:20,000; 1:5,000).....	Volume III
Figure 11a	Wedge Section 9800N, RDN04-032 (1:500)	Volume III
Figure 11b	Wedge Section 9500N, RDN04-031 (1:500)	Volume III
Figure 11c	Wedge Section 9200N, RDN04-033 (1:500)	Volume III
Figure 11d	Wedge Section 9050N+9100N, RDN04-034,035,036 (1:500)	Volume III
Figure 11e	Jungle Section, RDN04-037 (1:500)	Volume III
Figure 11f	Marcasite Gossan Section, RDN04-038 (1:500)	Volume III
Figure 11g	Marcasite Gossan Section, RDN04-039 (1:500)	Volume III
Figure 12a	Blind Fault, Au Geochemistry (1:2,500).....	Volume IV
Figure 12b	Blind Fault, As Geochemistry (1:2,500).....	Volume IV
Figure 12c	Blind Fault, Pb Geochemistry (1:2,500).....	Volume IV
Figure 13a	North Downpour-Top, Au Geochemistry (1:5,000)	Volume IV
Figure 13b	North Downpour-Top, As Geochemistry (1:5,000)	Volume IV
Figure 13c	North Downpour-Top, Pb Geochemistry (1:5,000)	Volume IV
Figure 14a	Arctic Grid Area, Au Geochemistry (1:5,000)	Volume IV
Figure 14b	Arctic Grid Area, As Geochemistry (1:5,000)	Volume IV
Figure 14c	Arctic Grid Area, Pb Geochemistry (1:5,000)	Volume IV
Figure 14d	Arctic Grid Area, Hg Geochemistry (1:5,000)	Volume IV

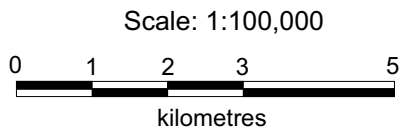


LEGEND

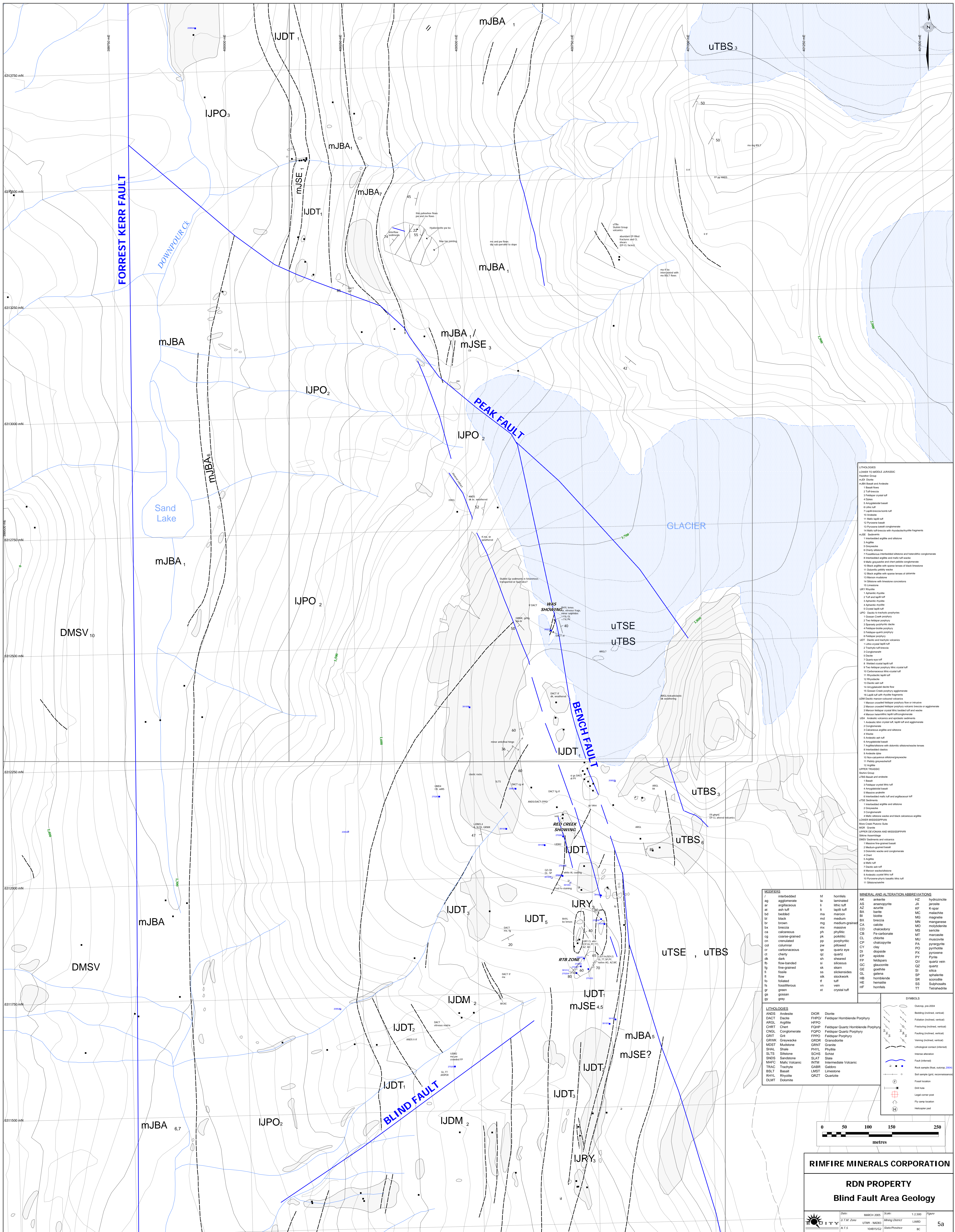
- Alluvium
- Early to Middle Jurassic Hanging wall sequence
- Clastic sediments
- Basalt
- Footwall sequence
- Felsic volcanics
- Monzonite porphyry
- Paleozoic to Early Jurassic Intrusives, volcanics and sediments
- Major fault
- UTEM anomaly
- ★ 193 Ma (U/Pb) Age Date (Mortensen et al., 2005)

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**RDN PROPERTY
PROPERTY
GEOLOGY**



	Date: March, 2005	Scale: 1:100,000	Figure
	U.T.M. Zone: UTM9 (NAD83)	Mining District: Liard	4
	N.T.S. 104B/15E,G/2E	State/Province: BC	



LITHOLOGIES

LOWER TO MIDDLE JURASSIC

Hydrothermal Group

uTBS Ductile
 mJBA Basal and Andalusite
 1 Basalt flows
 2 Tuffaceous
 3 Felspar quartz tuff
 4 Diatom
 5 Amphibolite basalt
 6 Lignite
 7 Lignite-sandstone tuff
 8 Lignite
 9 Lignite
 10 Lignite
 11 Mafic tuff
 12 Pyroxene basalt
 13 Pyroxene basalt conglomeration
 14 Mafic tuffaceous with muscovite-hydrate fragments

uTSE Sediments
 1 Interbedded argillite and siltstone
 2 Argillite
 3 Greywacke
 4 Cherty siltstone
 5 Fossiliferous interbedded siltstone and fossiliferous conglomeration
 6 Interbedded argillite and mafic siltstone
 7 Mafic greywacke and chert pebble conglomeration
 8 Black argillite with sparse lenses of black limestone
 9 Black argillite with sparse lenses of black limestone
 10 Black argillite with sparse lenses of black limestone
 11 Black argillite with sparse lenses of black limestone
 12 Black argillite with sparse lenses of black limestone
 13 Black argillite with sparse lenses of black limestone
 14 Black argillite with limestone concretions
 15 Limestone

uTSE Rhyolite
 1 Andesitic rhyolite
 2 Tuff and tuff tuff
 3 Andesitic rhyolite
 4 Andesitic rhyolite
 5 Quartz tuff
 6 Quartz tuff
 7 Quartz tuff
 8 Quartz tuff
 9 Quartz tuff
 10 Quartz tuff
 11 Quartz tuff
 12 Quartz tuff
 13 Quartz tuff
 14 Quartz tuff
 15 Quartz tuff

uTBS Ductile to brittle porphyries
 1 Ductile to brittle porphyry
 2 Two feldspar porphyry
 3 Sparingly porphyritic dacite
 4 Felspar quartz porphyry
 5 Felspar quartz porphyry
 6 Felspar quartz porphyry
 7 Ductile to brittle porphyry
 8 Ductile to brittle porphyry
 9 Ductile to brittle porphyry
 10 Ductile to brittle porphyry
 11 Ductile to brittle porphyry
 12 Ductile to brittle porphyry
 13 Ductile to brittle porphyry
 14 Ductile to brittle porphyry
 15 Ductile to brittle porphyry

IJDT Ductile and brittle volcanics
 1 Ductile and brittle volcanics
 2 Trachytic tuff-breccia
 3 Conglomerate
 4 Ductile
 5 Ductile
 6 Quartz tuff
 7 Quartz tuff
 8 Quartz tuff
 9 Two feldspar porphyry tuff
 10 Quartz tuff
 11 Rhyolite tuff
 12 Rhyolite tuff
 13 Rhyolite tuff
 14 Rhyolite tuff
 15 Rhyolite tuff

IJDM Ductile to brittle volcanics
 1 Ductile to brittle volcanics
 2 Ductile to brittle volcanics
 3 Ductile to brittle volcanics
 4 Ductile to brittle volcanics
 5 Ductile to brittle volcanics
 6 Ductile to brittle volcanics
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IJPO Ductile to brittle volcanics
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 14 Ductile to brittle volcanics
 15 Ductile to brittle volcanics

mJBA Ductile to brittle volcanics
 1 Ductile to brittle volcanics
 2 Ductile to brittle volcanics
 3 Ductile to brittle volcanics
 4 Ductile to brittle volcanics
 5 Ductile to brittle volcanics
 6 Ductile to brittle volcanics
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 15 Ductile to brittle volcanics

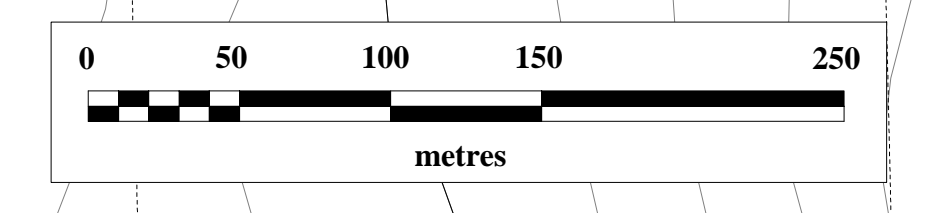
DMSV Ductile to brittle volcanics
 1 Ductile to brittle volcanics
 2 Ductile to brittle volcanics
 3 Ductile to brittle volcanics
 4 Ductile to brittle volcanics
 5 Ductile to brittle volcanics
 6 Ductile to brittle volcanics
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 11 Ductile to brittle volcanics
 12 Ductile to brittle volcanics
 13 Ductile to brittle volcanics
 14 Ductile to brittle volcanics
 15 Ductile to brittle volcanics

MINERAL AND ALTERATION ABBREVIATIONS

ag	agglomerate	hf	hornfels	ak	arkose	hz	hydrozincite
ag	argillaceous	la	laminated	as	arsenopyrite	ja	jasperite
at	ash tuff	lt	lapilli tuff	az	azurite	ka	kaolinite
bd	bedded	ma	macon	ba	barite	kc	kaolinite
bl	block	mf	medium	bi	biotite	mc	malachite
br	brown	mg	medium-grained	ca	calcite	mn	manganese
ca	calcareous	ph	phyllitic	cd	chalcoblyite	ms	malachite
cg	coarse-grained	pk	poikilitic	cb	chalcocite	mt	malachite
col	columnar	pp	porphyritic	cl	chlorite	mu	muscovite
cr	carbonaceous	qp	quartz porphyry	cy	chlorophyllite	pa	pyrite
ct	cherty	qt	quartz tuff	di	diopside	pd	pyrite
dk	dark	qz	quartz	ep	epidote	px	pyroxene
fl	fine-grained	sh	sheared	fp	feldspar	py	pyrite
fr	fine-grained	sk	skarn	gc	glaucophane	qv	quartz vein
fs	fossiliferous	st	stockwork	gl	glaucophane	qz	quartz
fo	foliated	st	stockwork	gn	garnet	si	silica
fs	fossiliferous	st	stockwork	hb	hornblende	sp	sphalerite
gr	green	st	stockwork	he	hematite	sr	scorodite
gs	gossan	xt	crystal tuff	hf	hornfels	ss	suphalite
gv	grey					tt	terehedrite

LITHOLOGIES

ANDS	Andesite	DIOR	Diorite
DACT	Dacite	FHPQ	Feldspar Hornblende Porphyry
ARGL	Argillite	FHPQ	Feldspar Quartz Hornblende Porphyry
CHRT	Chert	FQHP	Feldspar Quartz Hornblende Porphyry
CNGL	Conglomerate	FQHP	Feldspar Quartz Hornblende Porphyry
GRIT	Grit	FQHP	Feldspar Quartz Hornblende Porphyry
GRWK	Greywacke	GRDR	Granodiorite
MDST	Mudstone	GRNT	Granite
SHAL	Siltstone	PHYL	Phyllite
SLS	Siltstone	SCHS	Schist
SNS	Sandstone	SLAT	Slate
MAFC	Mafic Volcanic	INTM	Intermediate Volcanic
TRAC	Trachyte	GABR	Gabbro
LSLT	Limestone	LMSL	Limestone
RHYL	Rhyolite	GRZT	Quartzite
DLMT	Dolomite		



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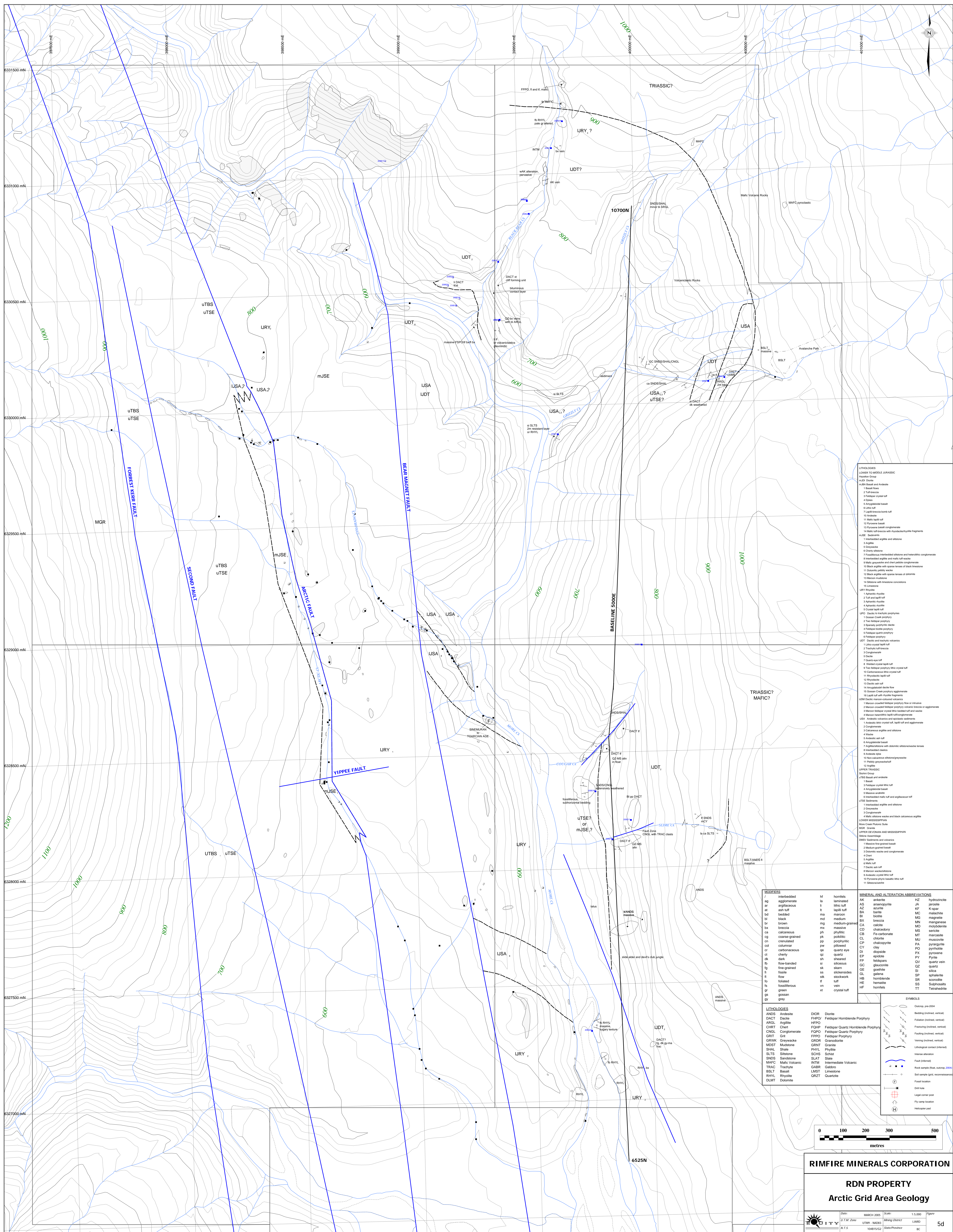
RDN PROPERTY

Blind Fault Area Geology

DATE: MARCH 2006 SCALE: 1:2500

UTM: 104815G STATE: BC

5a



- LITHOLOGIES**
- LOWER TO MIDDLE JURASSIC**
- Lower Gneiss**
 nLJTB Ductile
 nLJTB Basalt and Andesite
 1 Basalt flows
 2 Tuffaceous
 3 Feldspar crystal tuff
 4 Diatom
 5 Amphibolite basalt
 6 Lignite
 7 Lignite-ironstone base tuff
 8 Lignite
 9 Lignite
 10 Pyroxene basalt
 11 Pyroxene basalt conglomerate
 nLJTB Basalts
 12 Mafic tuffaceous with rhyolite/hyrite fragments
 13 Gneiss
 14 Interbedded argillite and siltstone
 15 Greywacke
 16 Cherty siltstone
 17 Fossiliferous interbedded siltstone and fossiliferous conglomerate
 18 Interbedded argillite and mafic siltstone
 19 Mafic gneiss and chert-pelitic conglomerate
 20 Black argillite with sparse lenses of black limestone
 21 Diatomite
 22 Black argillite with sparse lenses of dolomite
 23 Maroon siltstone
 24 Siltstone with limestone concretions
 25 Limestone
- LURY Rhyolite**
 1 Andesitic rhyolite
 2 Tuff and lapilli tuff
 3 Andesitic rhyolite
 4 Andesitic rhyolite
 5 Crystal tuff
 6 Ductile to mafic porphyries
 1 Ductile to mafic porphyry
 2 Two lobes porphyry
 3 Siltstone porphyry dike
 4 Feldspar quartz porphyry
 5 Feldspar quartz porphyry
 6 Feldspar quartz porphyry
- LJTB Ductile and mafic volcanics**
 1 Lignite crystal tuff
 2 Trachyte tuff breccia
 3 Conglomerate
 4 Diatom
 5 Diatom
 6 Quartz tuff
 7 Volcanic tuff
 8 Volcanic crystal tuff
 9 Two lobes porphyry-like crystal tuff
 10 Calcarenite-like crystal tuff
 11 Rhyolite tuff
 12 Rhyolite tuff
 13 Diatom
 14 Amphibolite
 15 Diatom
 16 Diatom
 17 Diatom
 18 Diatom
 19 Diatom
 20 Diatom
- LUSA**
 1 Andesitic volcanic and sedimentary
 2 Conglomerate
 3 Calcarenite argillite and siltstone
 4 Wacke
 5 Andesitic siltstone
 6 Amphibolite basalt
 7 Amphibolite with mafic calcarenite lenses
 8 Interbedded siltstone
 9 Interbedded siltstone
 10 Non-calcareous siltstone
 11 Heavy greywacke
 12 Lignite
 13 Lignite
 14 Lignite
 15 Lignite
 16 Lignite
 17 Lignite
 18 Lignite
 19 Lignite
 20 Lignite
- UPPER TRIASSIC**
 1 Basalt
 2 Basalt
 3 Feldspar crystal tuff
 4 Amphibolite
 5 Massive andesite
 6 Interbedded siltstone and argillite
 7 Lignite
 8 Greywacke
 9 Conglomerate
 10 Diatom
 11 Diatom
 12 Diatom
 13 Diatom
 14 Diatom
 15 Diatom
 16 Diatom
 17 Diatom
 18 Diatom
 19 Diatom
 20 Diatom
- MINERAL AND ALTERATION ABBREVIATIONS**
- ag agglomerate
 as argillaceous
 at ash tuff
 bd bedded
 bl black
 br brown
 ca calcareous
 ca calcareous
 co coarse-grained
 co consolidated
 col columnar
 cr carbonaceous
 ct cherty
 dk dark
 fb fine-banded
 fg fine-grained
 fl fissile
 fl flow
 fo foliated
 fo fossiliferous
 gr green
 gs gossan
 gv grey
 hf hornfels
 la laminated
 la lentic tuff
 ll lapilli tuff
 ma mafic
 md medium-grained
 md medium-grained
 ph phyllitic
 pk porphyritic
 po porous
 pr pyritic
 pw pillowed
 qz quartz
 sh sheared
 sh slickensided
 sk skarn
 ss siltstone
 st stockwork
 tuff
 v vein
 vt crystal tuff
 ak arkanite
 az azurite
 ba barite
 bi biotite
 br brucite
 ca calcite
 cd chalcobutry
 cb Fe-carbonate
 cl chlorite
 ch chalcophyllite
 cy clay
 di diaspore
 ep epidote
 fp feldspar
 gl galena
 go goethite
 gr graphite
 gln galena
 hb hornblende
 he hematite
 hf hornfels
 hz hydronite
 ja jarosite
 kf K-spar
 mc malachite
 mg magnetite
 mo monazite
 ms muscovite
 mt micaschist
 nj nepheline
 no nepheline
 pa pyrite
 py pyrite
 px pyroxene
 py pyrite
 qz quartz
 si silica
 sp sphalerite
 sr scorodite
 ss sulphate
 tt titanite

MODIFIERS

inf	interbedded
ag	agglomerate
as	argillaceous
at	ash tuff
bd	bedded
bl	black
br	brown
ca	calcareous
ca	calcareous
co	coarse-grained
co	consolidated
col	columnar
cr	carbonaceous
ct	cherty
dk	dark
fb	fine-banded
fg	fine-grained
fl	fissile
fl	flow
fo	foliated
fo	fossiliferous
gr	green
gs	gossan
gv	grey
hf	hornfels
la	laminated
la	lentic tuff
ll	lapilli tuff
ma	mafic
md	medium-grained
md	medium-grained
ph	phyllitic
pk	porphyritic
po	porous
pr	pyritic
pw	pillowed
qz	quartz
sh	sheared
sh	slickensided
sk	skarn
ss	siltstone
st	stockwork
tuff	tuff
v	vein
vt	crystal tuff

LITHOLOGIES

ANDS	Andesite
DACT	Dacite
ARGL	Argillite
CHRT	Chert
CNGL	Conglomerate
GRIT	Grit
GRWK	Greywacke
MDST	Mudstone
SHAL	Shale
SLTS	Siltstone
SNDL	Sandstone
MAFC	Mafic Volcanic
TRAC	Trachyte
LHST	Limestone
RHYL	Rhyolite
DLMT	Dolomite
DIOB	Diorite
FHPQ	Feldspar-Hornblende Porphyry
FQBP	Feldspar Quartz Porphyry
FQBP	Feldspar Quartz Porphyry
FQBP	Feldspar Quartz Porphyry
GRDR	Granodiorite
GRNT	Granite
PHYL	Phyllite
SCHS	Schist
SILT	Siltstone
SILT	Siltstone
INTM	Intermediate Volcanic
GABR	Gabbro
LHST	Limestone
GRZT	Quartzite

SYMBOLS

○ Contour (m=200)

— Bedding (inclined, vertical)

— Faulting (inclined, vertical)

— Faulting (inclined, vertical)

— Faulting (inclined, vertical)

— Veining (inclined, vertical)

— Lithological contact (dotted)

— Intense alteration

— Fault inferred

— Lithological contact (dotted)

— Rock sample (blue, outcrop, 200m)

— Soil sample (blue, outcrop, 200m)

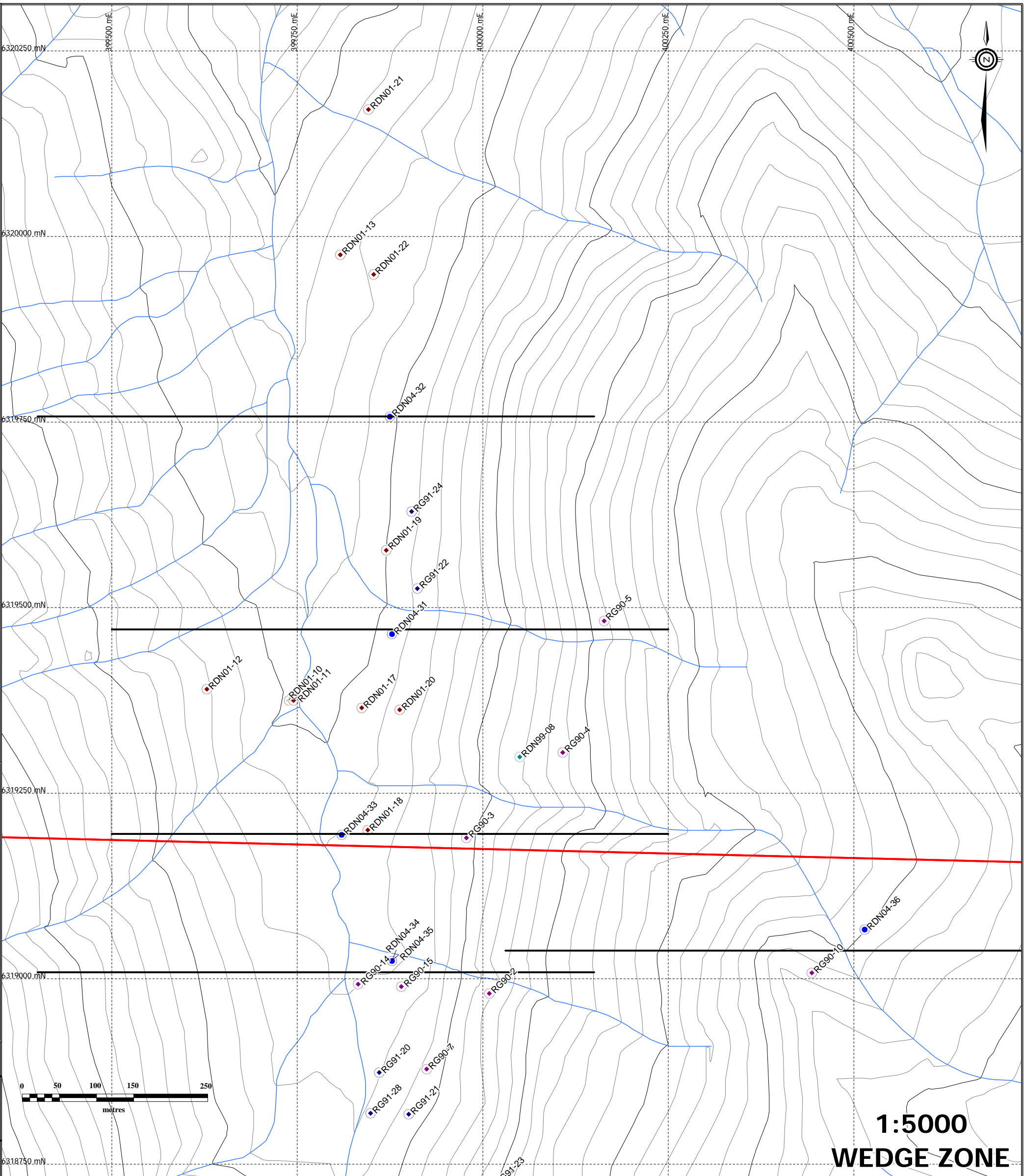
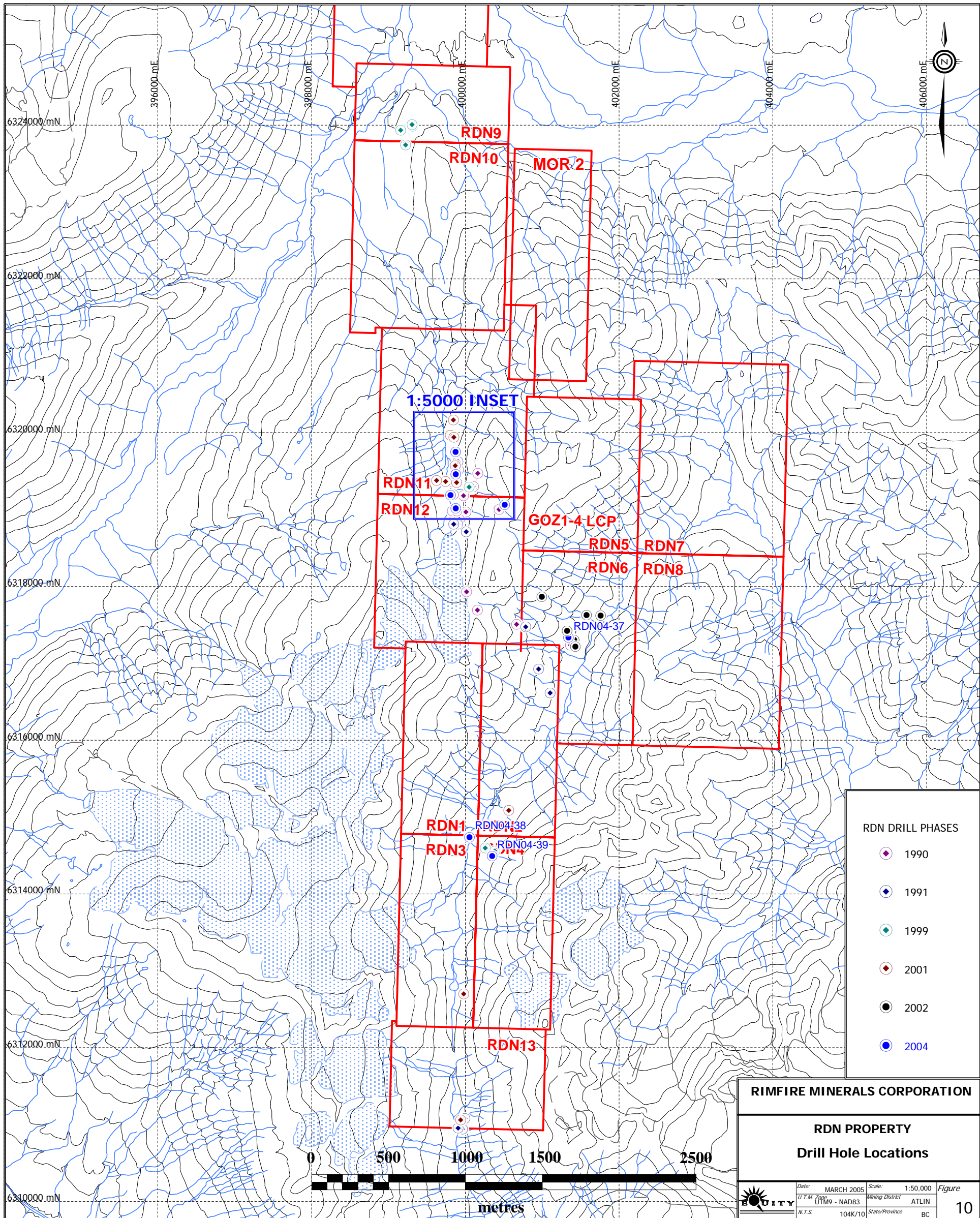
— Fossil location

— Drill hole

— Legal corner post

— Fly-catch location

— Hatched post



RDN DRILL PHASES

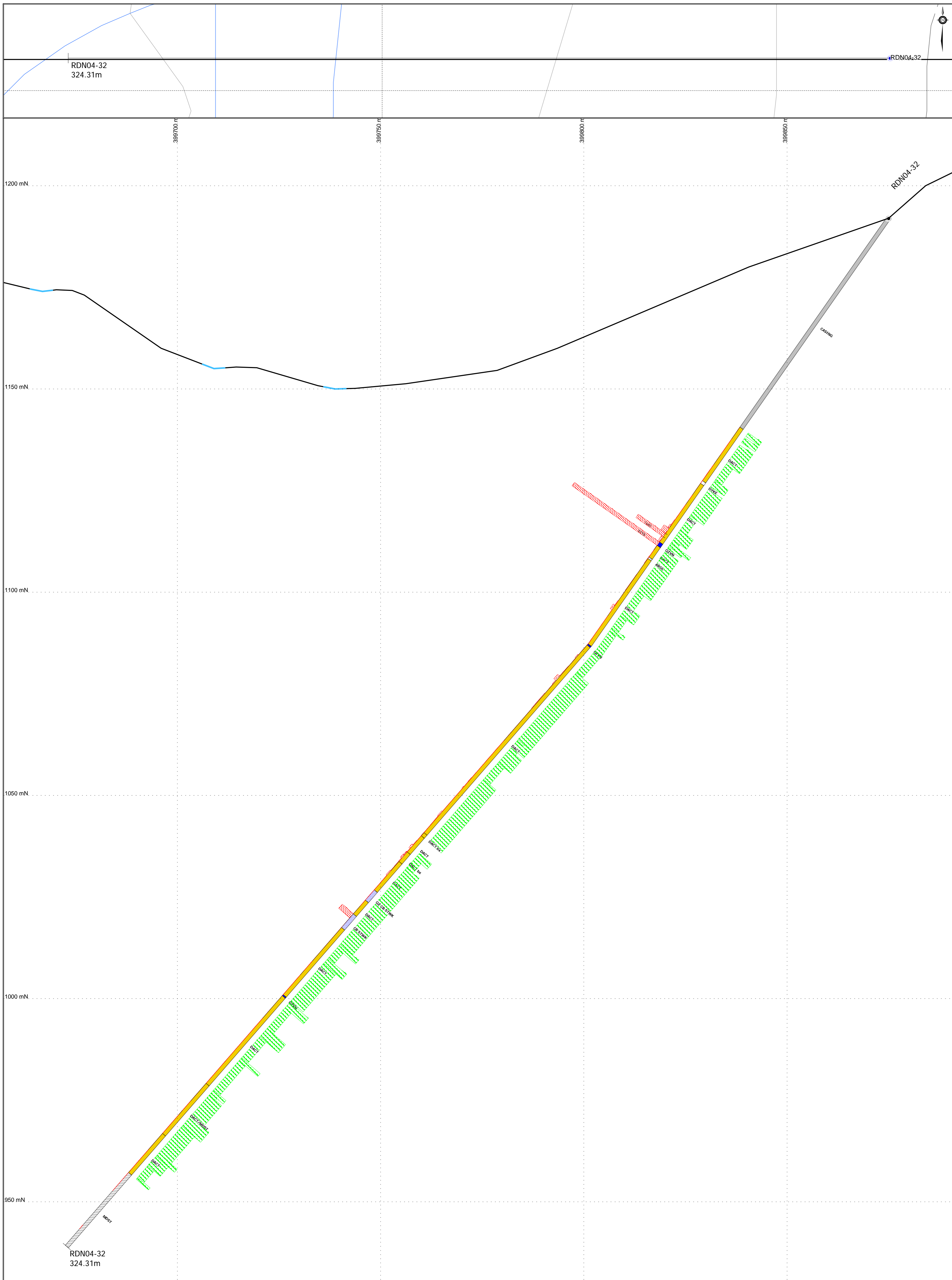
●	1990
●	1991
●	1999
●	2001
●	2002
●	2004

RIMFIRE MINERALS CORPORATION

RDN PROPERTY
Drill Hole Locations

Date: MARCH 2006 Scale: 1:50,000 Figure 10
 U.T.M. 11M9 - NAD83 Mining District ATLIN
 N.T.S. 104K/10 State/Province BC

1:5000
WEDGE ZONE



LITHOLOGIES

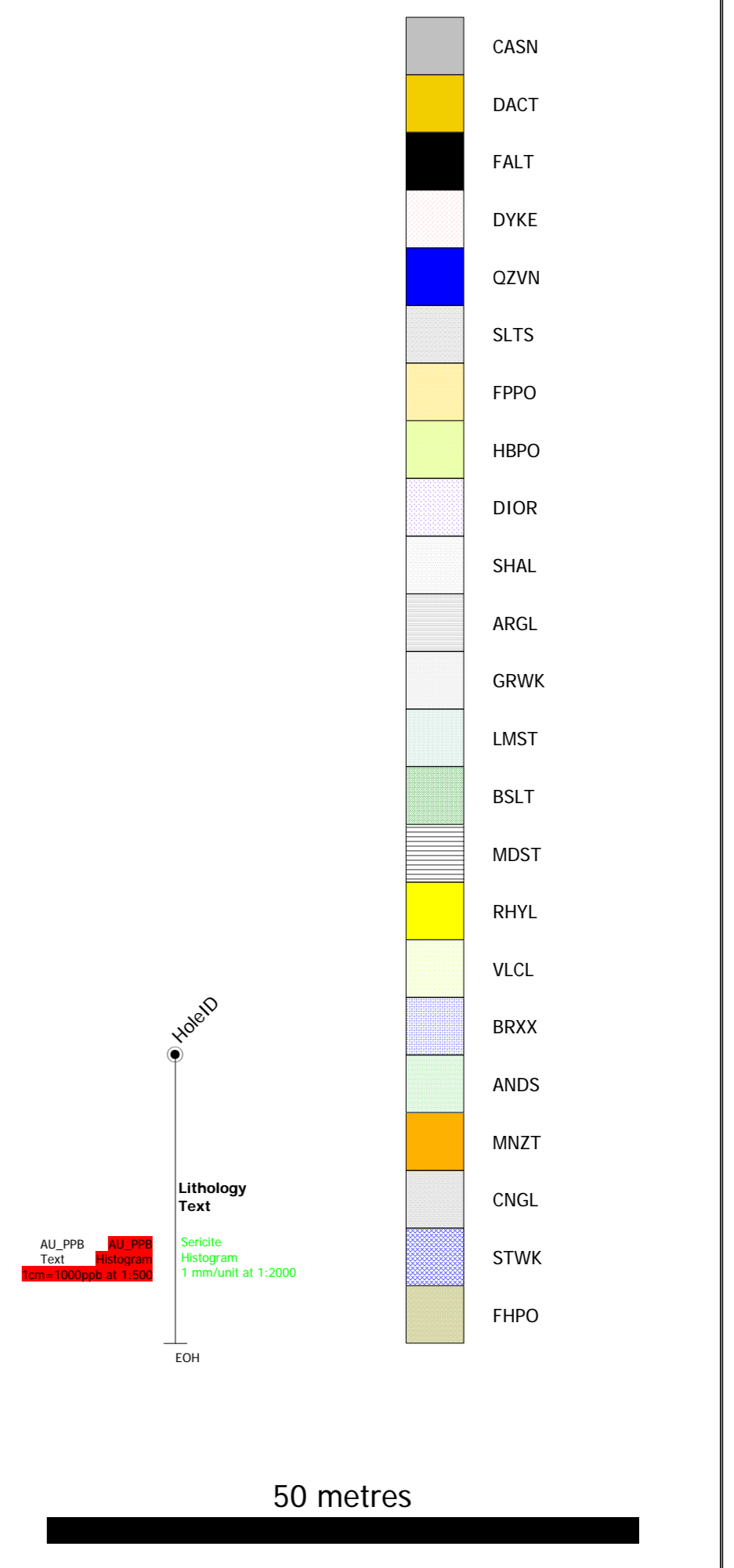
ANDS	Andesite	DIOR	Diorite
DACT	Dacite	FHPO	Feldspar Hornblende Porphyry
ARGL	Argillite	HFPO	
CHRT	Chert	FQHP	Feldspar Quartz Hornblende Porphyry
CNGL	Conglomerate	FQPO	Feldspar Quartz Porphyry
GRIT	Grit	FPPO	Feldspar Porphyry
GRWK	Greywacke	GRDR	Granodiorite
MDST	Mudstone	GRNT	Granite
SHAL	Shale	PHYL	Phyllite
SLTS	Siltstone	SCHS	Schist
SNDS	Sandstone	SLAT	Slate
MAFC	Mafic Volcanic	INTM	Intermediate Volcanic
TRAC	Trachyte	GABR	Gabbro
BSLT	Basalt	LMST	Limestone
RHYL	Rhyolite	QRZT	Quartzite
DLMT	Dolomite		

MINERAL AND ALTERATION ABBREVIATIONS

AK	ankerite	HZ	hydrozincite
AS	arsenopyrite	JA	jarosite
AZ	azurite	KF	K-spar
BA	barite	MC	malachite
BI	biotite	MG	magnetite
BX	breccia	MN	manganese
CA	calcite	MO	molybdenite
CD	chalcocopyrite	MS	sericite
CB	Fe-carbonate	MT	marcasite
CL	chlorite	MU	muscovite
CP	chalcocopyrite	PA	pyrrargyrite
CY	clay	PO	pyrrhotite
DI	diopside	PX	pyroxene
EP	epidote	PY	Pyrite
FP	feldspars	QV	quartz vein
GC	glauconite	OZ	quartz
GE	goethite	SI	silica
GL	galena	SP	sphalerite
HB	hornblende	SR	scorodite
HE	hematite	SS	Sulphosalts
HF	hornfels	TT	Tetrahedrite

MODIFIERS

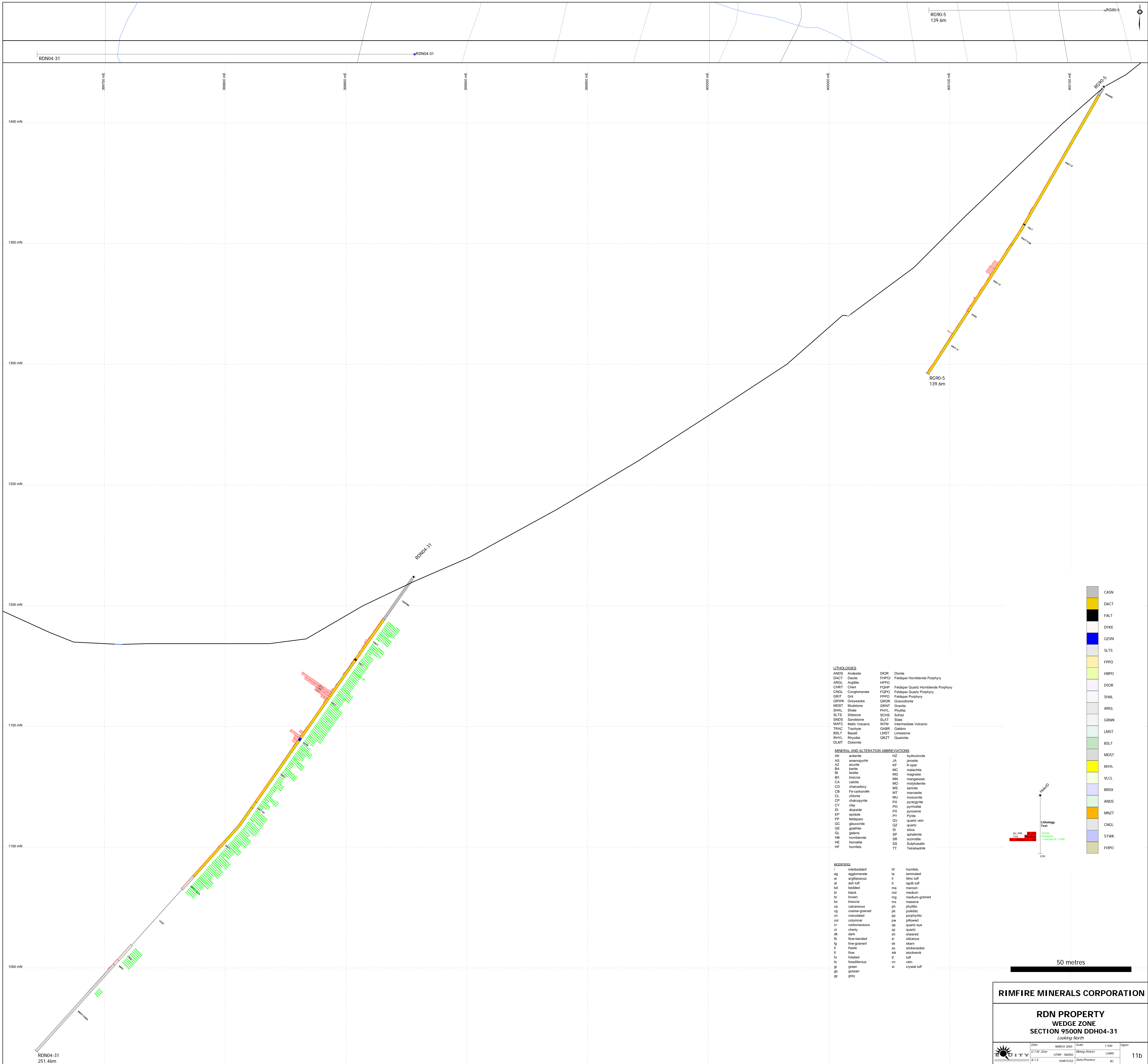
/	interbedded	hf	hornfels
ag	agglomerate	la	laminated
ar	argillaceous	li	lithic tuff
at	ash tuff	ll	lapilli tuff
bd	bedded	ma	maroon
bl	black	md	medium
br	brown	mg	medium-grained
bx	breccia	mx	massive
ca	calcareous	ph	phyllitic
cg	coarse-grained	pk	poikilitic
cn	crenulated	pp	porphyritic
col	columnar	pw	pillowed
cr	carbonaceous	qe	quartz eye
ct	cherty	qz	quartz
dk	dark	sh	sheared
fb	flow-banded	sl	siliceous
fg	fine-grained	sk	skarn
fi	fissile	ss	slickensides
fl	flow	stk	stockwork
fo	foliated	tf	tuff
fs	fossiliferous	vn	vein
gr	green	xt	crystal tuff
gs	gossan		
gy	grey		



RIMFIRE MINERALS CORPORATION

**RDN PROPERTY
WEDGE ZONE
SECTION 9800N DDH04-32**
Looking North

Date:	MARCH 2005	Scale:	1:500	Figure	11a
U.T.M. Zone	UTM9 - NAD83	Mining District	LIARD		
N.T.S.	104815/G2	State/Province	BC		



LITHOLOGIES

ANCS Andesite	DIOR Diorite
DACT Dacite	FHPO Feldspar Homblende Porphyry
ARGL Argillite	HFPO Feldspar Quartz Homblende Porphyry
CHRT Chert	FQHP Feldspar Quartz Porphyry
CNGL Conglomerate	FDPO Feldspar Porphyry
GRIT Grit	GRDR Granodiorite
GRWK Greywacke	GRNT Granite
MDST Mudstone	RHVL Rhyolite
SHAL Shale	SCHS Schist
SLTS Siltstone	SLAT Slate
SNDS Sandstone	INTM Intermediate Volcanic
MVFC Mafic Volcanic	TRAC Trachyte
TRAC Trachyte	GABR Gabbrro
BSLT Basalt	LMST Limestone
RHYL Rhyolite	QRZT Quartzite
DLMT Dolomite	

MINERAL AND ALTERATION ABBREVIATIONS

AK arkanite	HZ hydrozincite
AS arsenopyrite	JA jarosite
AZ azurite	KP K-apar
BA barite	MC malachite
BI biotite	MG magnetite
BX bixbyite	MN manganese
CA calcite	MD molybdenite
CD chalcocopyrite	MS sericite
CB Fe-carbonate	MT marcasite
CL chlorite	MU muscovite
CP chalcopyrite	PA pyargyrite
CY clay	PD pyrrhotite
DI diopside	PX pyroxene
EP epidote	PR Pyrite
FP feldspars	QV quartz vein
GZ ghaucronite	QZ quartz
GE goethite	SP sphalerite
GL galena	SI silica
HB homblende	SR scorodite
HE hematite	SS Sulphosalts
HF hornfels	TT Tenonite

MODELS

/ interbedded	M hornfels
ag agglomerate	la laminated
ar argillaceous	li lithic tuff
at ash tuff	lt lapilli tuff
bd bedded	ma macron
bl black	md medium
br brown	mg medium-grained
bx breccia	mk massive
ca calcareous	ph phylitic
cg coarse-grained	pk porphyritic
cn conical	pp porphyritic
col columnar	pw pillowed
cr carbonaceous	qe quartz eye
ct cherty	qz quartz
dk dark	sh sheared
fb fine-banded	sl slickensided
fg fine-grained	sk skarn
fi fissile	ss slickensides
fl flow	slk stockwork
fo foliated	tt tuff
fs fossiliferous	vn vein
gr green	xt crystal tuff
gv gossan	
gy grey	

Legend

- CASN
- DACT
- FALT
- DYKE
- QZVN
- SLTS
- FFPO
- HBPO
- DIOR
- SHAL
- ARGL
- GRWK
- LMST
- BSLT
- MDST
- RHYL
- VLCL
- BRXX
- ANCS
- MNZT
- CNGL
- STWK
- FHPO

Scale
50 metres

North Arrow

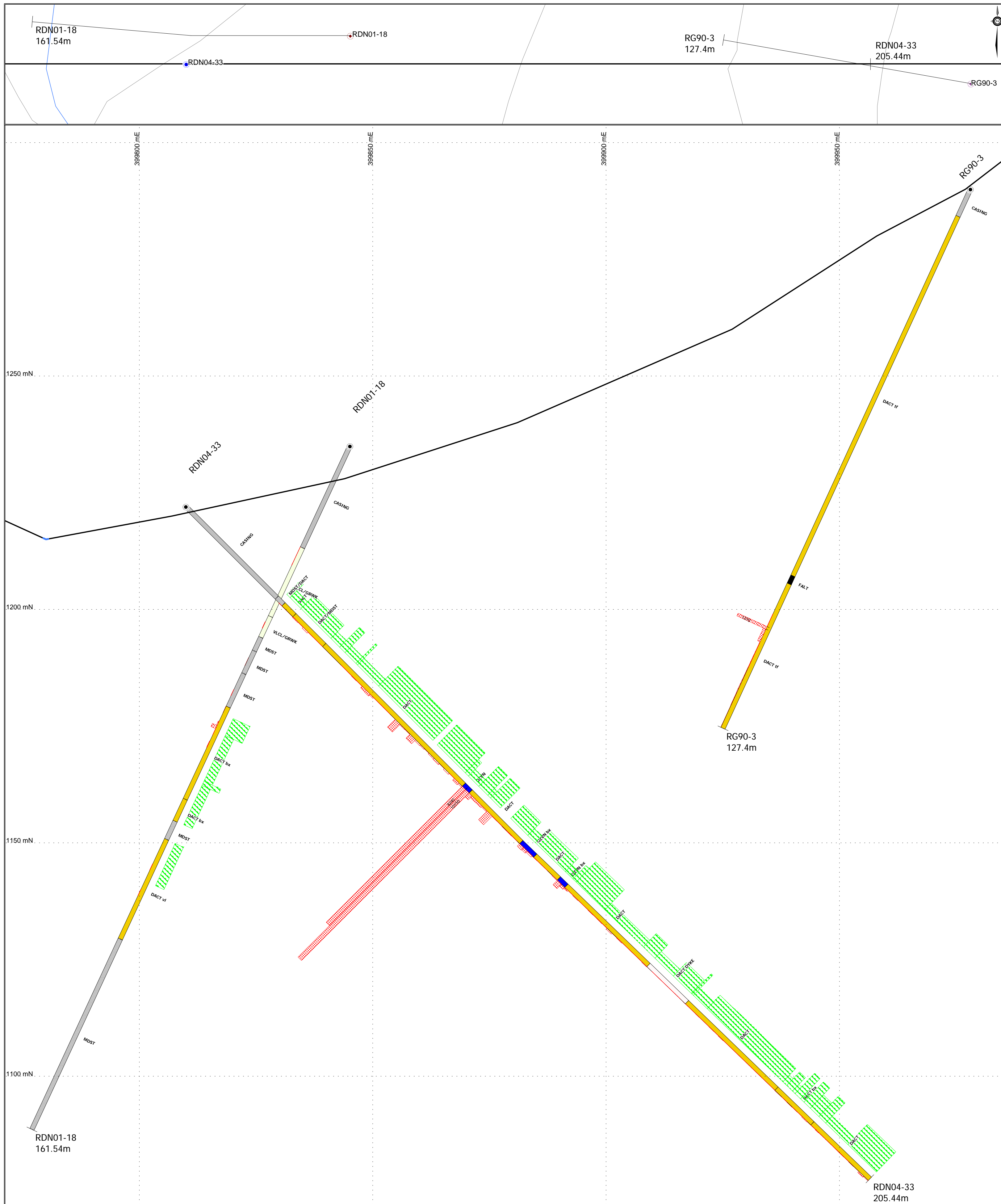
Lithology Text
Scale: 1:2000
Font: Arial
Color: Black

RIMFIRE MINERALS CORPORATION

RDN PROPERTY
WEDGE ZONE
SECTION 9500N DDH04-31
Looking North

Date: March 2008
Scale: 1:500
Figure: 11b

U.T.M. Zone: UTM 18N
Mering District: 13480
State/Province: BC



LITHOLOGIES

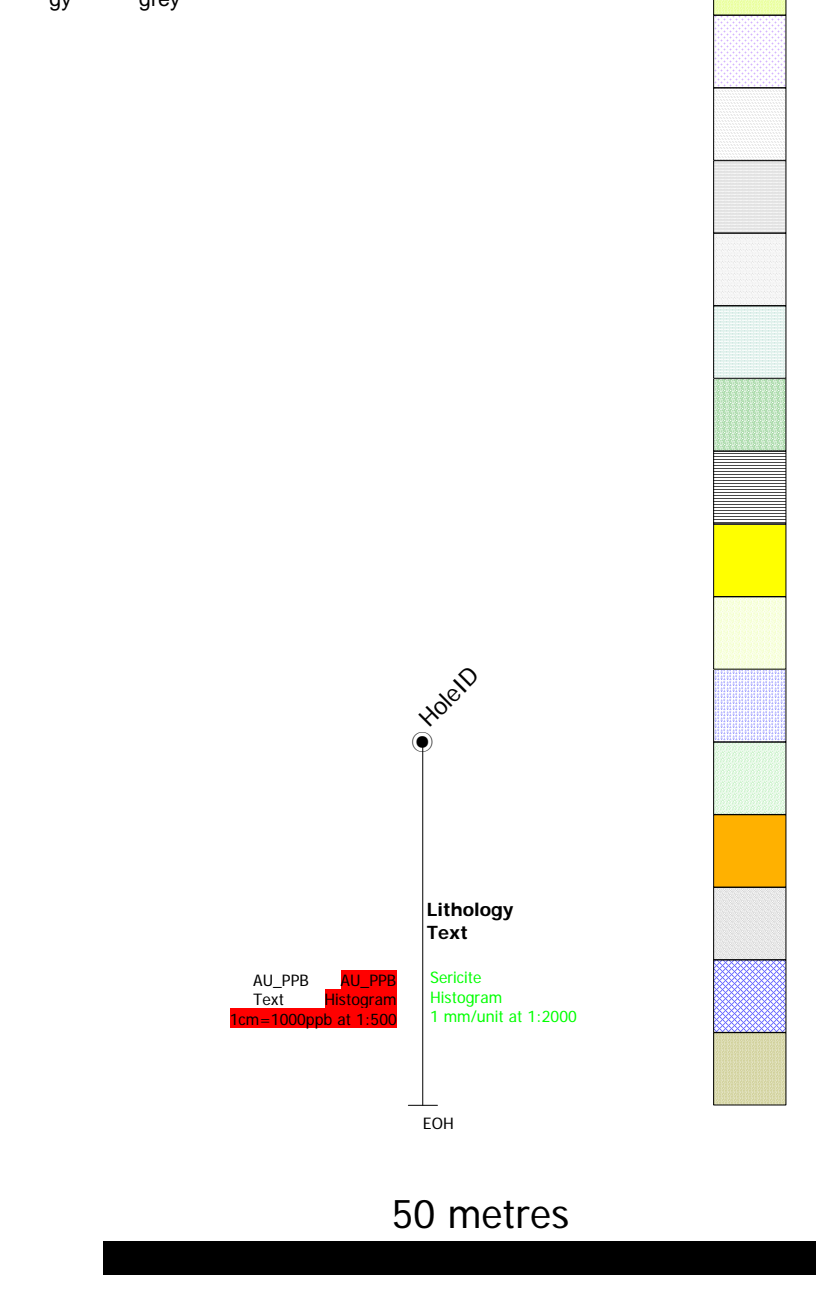
ANDS	Andesite	DIOR	Diorite
DACT	Dacite	FHPO	Feldspar Hornblende Porphyry
ARGL	Argillite	HFPO	Feldspar Porphyry
CHRT	Chert	FQHP	Feldspar Quartz Hornblende Porphyry
CNGL	Conglomerate	FQPO	Feldspar Quartz Porphyry
GRIT	Grit	FPPO	Feldspar Porphyry
GRWK	Greywacke	GRDR	Granodiorite
MDST	Mudstone	GRNT	Granite
SHAL	Shale	PHYL	Phyllite
SLTS	Siltstone	SCHS	Schist
SNDS	Sandstone	SLAT	Slate
MAFC	Mafic Volcanic	INTM	Intermediate Volcanic
TRAC	Trachyte	GABR	Gabbro
BSLT	Basalt	LMST	Limestone
RHYL	Rhyolite	QRZT	Quartzite
DLMT	Dolomite		

MINERAL AND ALTERATION ABBREVIATIONS

AK	ankerite	HZ	hydrozincite
AS	arsenopyrite	JA	jarosite
AZ	azurite	KF	K-spar
BA	barite	MC	malachite
BI	biotite	MG	magnetite
BX	breccia	MN	manganese
CA	calcite	MO	molybdenite
CD	chalcedony	MS	sericite
CB	Fe-carbonate	MT	marcasite
CL	chlorite	MU	muscovite
CP	chalcopryrite	PA	pyrrargyrite
CY	clay	PO	pyrrhotite
DI	diopside	PX	pyroxene
EP	epidote	PY	Pyrite
FP	feldspars	QV	quartz vein
GC	glauconite	QZ	quartz
GE	goethite	SI	silica
GL	galena	SP	sphalerite
HB	hornblende	SR	scorodite
HE	hematite	SS	Sulphosalts
HF	hornfels	TT	Tetrahedrite

MODIFIERS

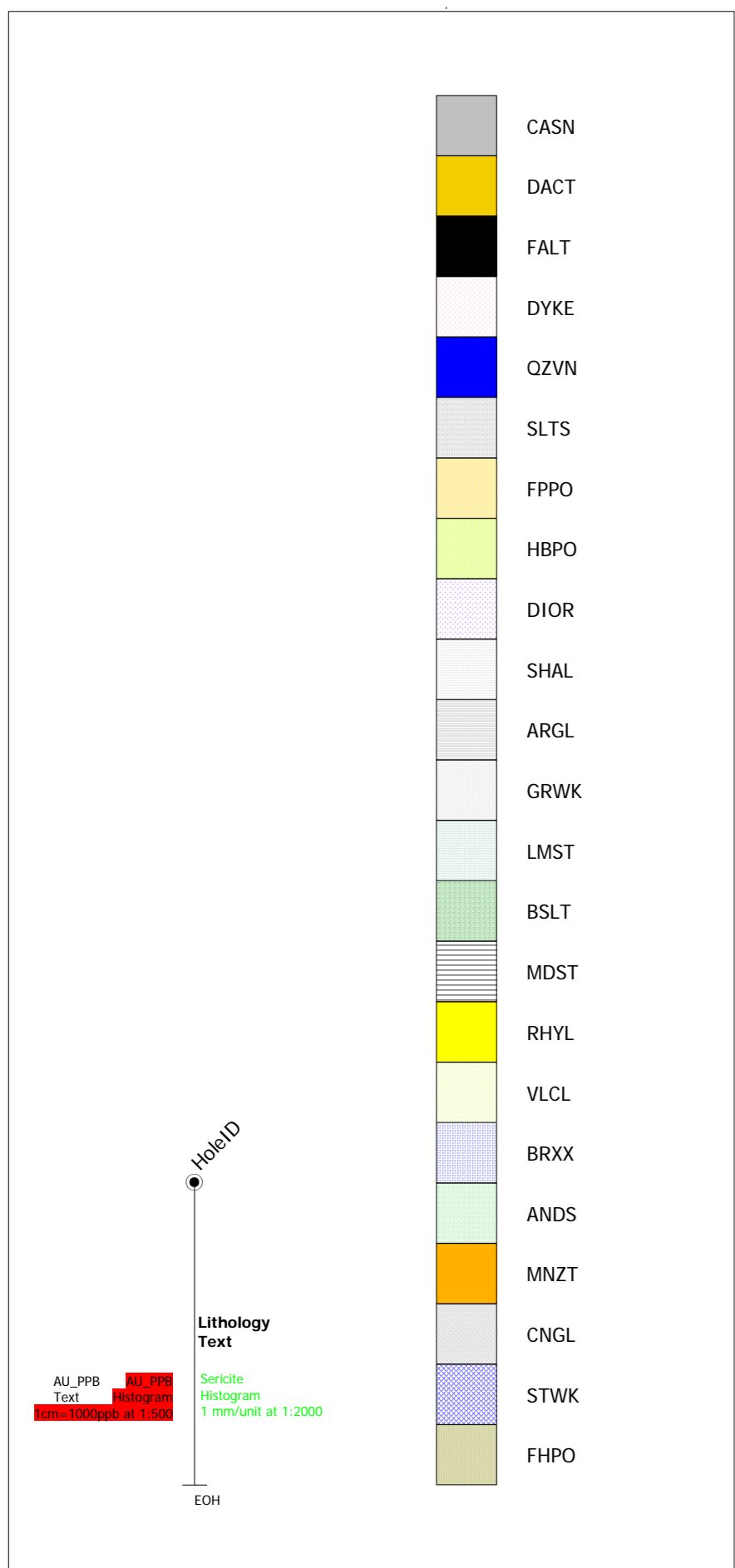
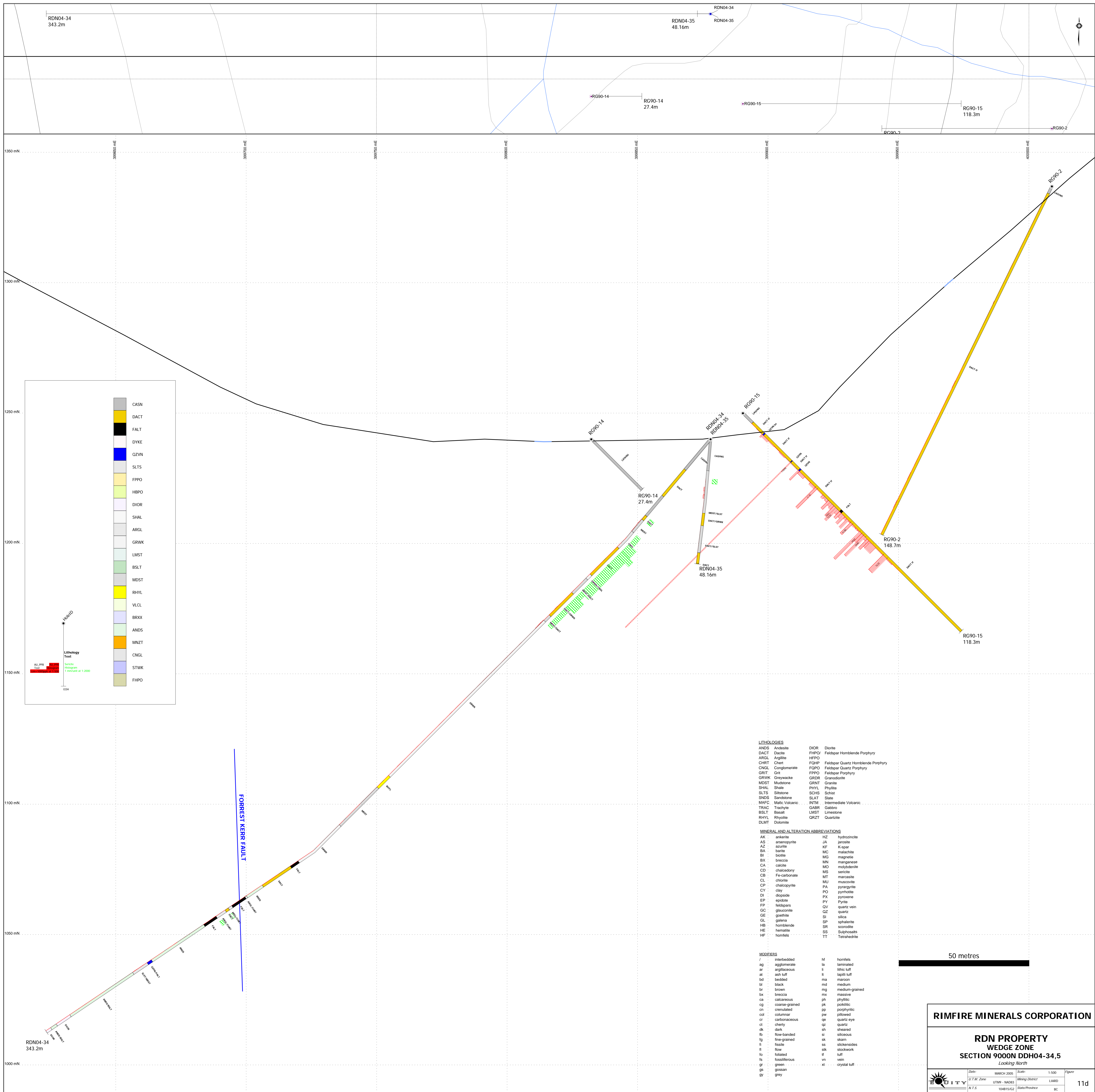
/	interbedded	hf	hornfels
ag	agglomerate	la	laminated
ar	argillaceous	li	lithic tuff
at	ash tuff	lt	lapilli tuff
bd	bedded	ma	maroon
bl	black	md	medium
br	brown	mg	medium-grained
bx	breccia	mx	massive
ca	calcareous	ph	phyllitic
cg	coarse-grained	pk	poikilitic
cn	crenulated	pp	porphyritic
col	columnar	pw	pillowed
cr	carbonaceous	qe	quartz eye
ct	cherty	qz	quartz
dk	dark	sh	sheared
fb	flow-banded	si	siliceous
fg	fine-grained	sk	skarn
fi	foliated	ss	stickensides
fl	flow	stk	stockwork
fo	foliated	tf	tuff
fs	fossiliferous	vn	vein
gr	green	xt	crystal tuff
gs	gossan		
gy	grey		



RIMFIRE MINERALS CORPORATION

**RDN PROPERTY
WEDGE ZONE
SECTION 9200N DDH04-33**
Looking North

	Date:	MARCH 2005	Scale:	1:500	Figure
	U.T.M. Zone	UTM9 - NAD83	Mining District	LIARD	
	N.T.S.	104B15/G2	State/Province	BC	



LITHOLOGIES

ANDS	Andesite	DIOR	Diorite
DACT	Dacite	FHPO	Feldspar Hornblende Porphyry
ARGL	Argillite	HFPO	Hornblende Feldspar Porphyry
CHRT	Chert	FQHP	Feldspar Quartz Hornblende Porphyry
CNGL	Conglomerate	FQPO	Feldspar Quartz Porphyry
GRIT	Grit	FPPO	Feldspar Porphyry
GRWK	Greywacke	GRDR	Granodiorite
MDST	Mudstone	GRNT	Granite
SHAL	Shale	PHYL	Phyllite
SLTS	Siltstone	SCHS	Schist
SNDS	Sandstone	SLAT	Slate
MAFC	Mafic Volcanic	INTM	Intermediate Volcanic
TRAC	Trachyte	CHSR	Chert
BSLT	Basalt	LMST	Limestone
RHYL	Rhyolite	QRZT	Quartzite
DUMT	Diorite		

MINERAL AND ALTERATION ABBREVIATIONS

AK	ankerite	HZ	hydrozincite
AS	arsenopyrite	JA	jarosite
AZ	azurite	KF	K-feldspar
BA	barite	MC	malachite
BI	biotite	MG	magnetite
BX	breccia	MN	manganese
CA	calcite	MO	molybdenite
CD	chalcedony	MS	sericite
CB	Fe-carbonate	MT	marcasite
CL	chlorite	MU	muscovite
CP	chalcophyllite	PA	pyargyrite
CV	clay	PO	pyrothoite
DI	diopside	PX	pyroxene
EP	epidote	PY	Pyrite
FP	feldspars	QV	quartz vein
GC	glaucophane	QZ	quartz
GE	goethite	SI	silica
GL	galena	SP	sphalerite
HB	hornblende	SR	serpentine
HE	hematite	SS	Sulphosalts
HF	hornfels	TT	Tetrahedrite

MODEFERS

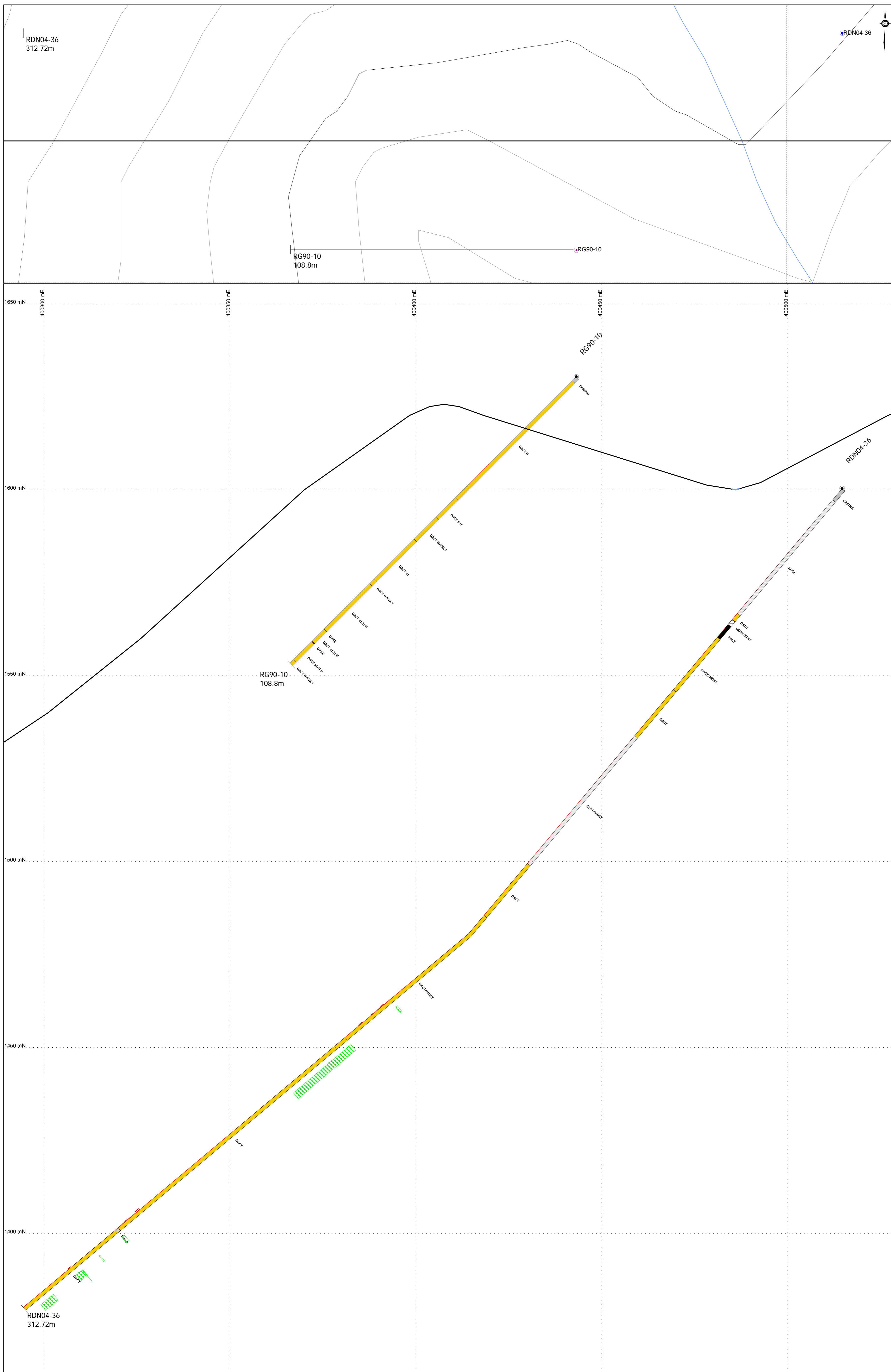
/	interbedded	M	hornfels
ag	agglomerate	ls	laminated
ar	argillaceous	l	lentic tuff
at	ash tuff	l	lapilli tuff
bd	bedded	ma	maroon
bl	black	md	medium
br	brown	mg	medium-grained
bx	breccia	mx	massive
ca	calcareous	ph	phyllitic
cg	coarse-grained	pk	poikilitic
cn	concreted	pp	porphyritic
col	columnar	ps	pillowed
cr	carbonaceous	qe	quartz eye
ct	cherty	qz	quartz
dk	dark	sh	sheared
fb	flow-banded	sl	siliceous
fg	fine-grained	sk	skarn
fl	flaglike	sl	slickensides
fl	flow	sk	stockwork
fo	foliated	t	tuff
fs	fossiliferous	vn	vein
gr	green	xt	crystal tuff
gs	gossian		
gy	grey		

50 metres

RIMFIRE MINERALS CORPORATION

**RDN PROPERTY
WEDGE ZONE
SECTION 9000 DDH04-34,5**
Looking North

Date:	MARCH 2005	Scale:	1:500	Figure:	
U.T.M. Zone:	UTM9 - 54QD3	Maping System:	LMRD		
N.T.S.	104815/02	State/Province:	BC		11d



LITHOLOGIES

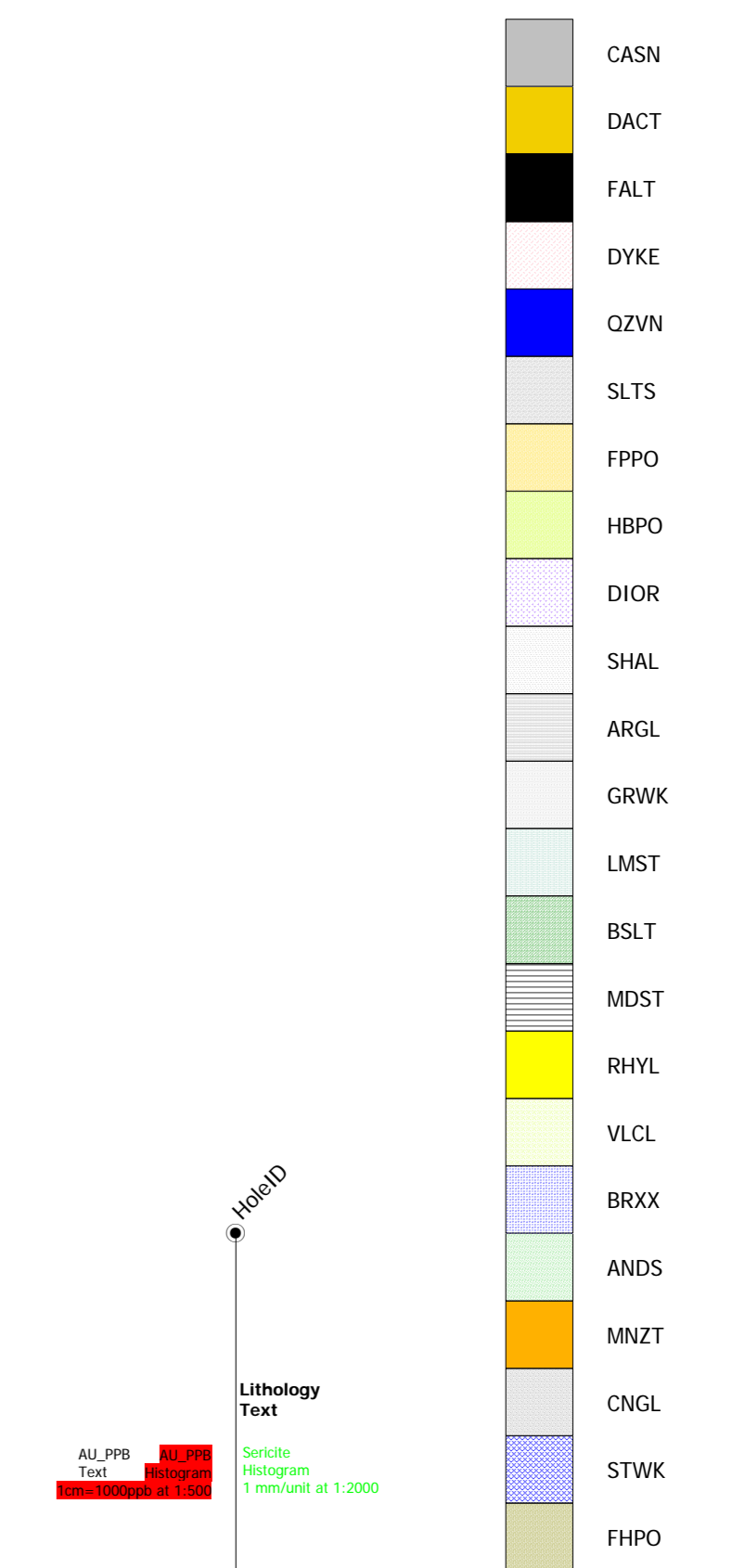
ANDS	Andesite	DIOR	Diorite
DACT	Dacite	FHPO	Feldspar Hornblende Porphyry
ARGL	Argillite	HFPO	Feldspar Quartz Hornblende Porphyry
CHRT	Chert	FQHP	Feldspar Quartz Porphyry
CNGL	Conglomerate	FQPO	Feldspar Quartz Porphyry
GRIT	Grit	FPPO	Feldspar Porphyry
GRWK	Greywacke	GRDR	Granodiorite
MDST	Mudstone	GRNT	Granite
SHAL	Shale	PHYL	Phyllite
SLTS	Siltstone	SCHS	Schist
SNDS	Sandstone	SLAT	Slate
MAFC	Mafic Volcanic	INTM	Intermediate Volcanic
TRAC	Trachyte	GABR	Gabbro
BSLT	Basalt	LMST	Limestone
RHYL	Rhyllite	QRZT	Quartzite
DLMT	Dolomite		

MINERAL AND ALTERATION ABBREVIATIONS

AK	ankerite	HZ	hydrozincite
AS	arsenopyrite	JA	jarosite
AZ	azurite	KF	K-feldspar
BA	barite	MC	malachite
BI	biotite	MG	magnetite
BX	breccia	MN	manganese
CA	calcite	MO	molybdenite
CD	chalcodony	MS	sericite
CB	Fe-carbonate	MT	marcasite
CL	chlorite	MU	muscovite
CP	chalcopyrite	PA	pyrrhotite
CY	clay	PO	pyrrhotite
DI	diopside	PX	pyroxene
EP	epidote	PY	Pyrite
FP	feldspars	QV	quartz vein
GC	glauconite	QZ	quartz
GE	goethite	SI	silica
GL	galena	SP	sphalerite
HB	hornblende	SR	scordite
HE	hematite	SS	Sulphosalts
HF	hornfels	TT	Tetrahedrite

MODIFIERS

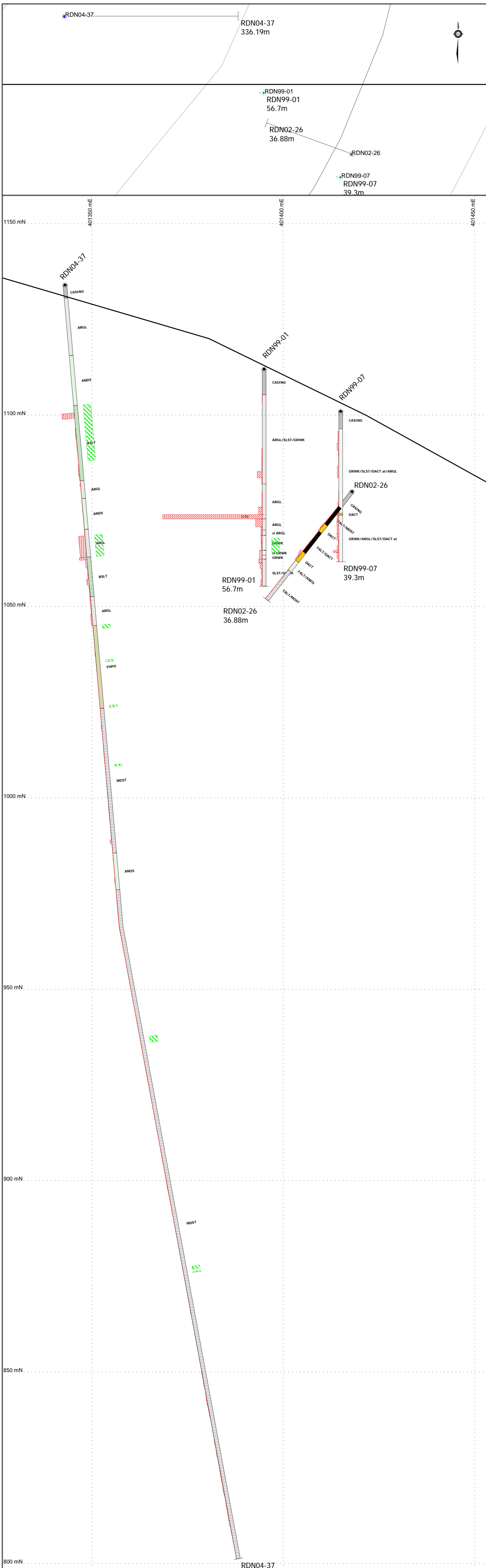
/	interbedded	hf	hornfels
ag	agglomerate	la	laminated
ar	argillaceous	li	lithic tuff
at	ash tuff	lt	lapilli tuff
bd	bedded	ma	maroon
bl	black	md	medium
br	brown	mg	medium-grained
bx	breccia	mx	massive
ca	calcareous	ph	phyllitic
cg	coarse-grained	pk	poikilitic
cn	crenulated	pp	porphyritic
col	columnar	pw	pillowed
cr	carbonaceous	qe	quartz eye
ct	cherty	qz	quartz
dk	dark	sh	sheared
fb	flow-banded	sl	siliceous
fg	fine-grained	sk	skarn
fi	fissile	ss	slickensides
fl	flow	stk	stockwork
fo	foliated	tf	tuff
fs	fossiliferous	vn	vein
gr	green	xt	crystal tuff
gs	gossan		
gy	grey		



RIMFIRE MINERALS CORPORATION

**RDN PROPERTY
WEDGE ZONE EAST
SECTION 9050N DDH04-36**
Looking North

	Date:	MARCH 2005	Scale:	1:500	Figure
	U.T.M. Zone	UTM9 - NAD83	Mining District	LIARD	11e
	N.T.S.	104B15/G2	State/Province	BC	



LITHOLOGIES

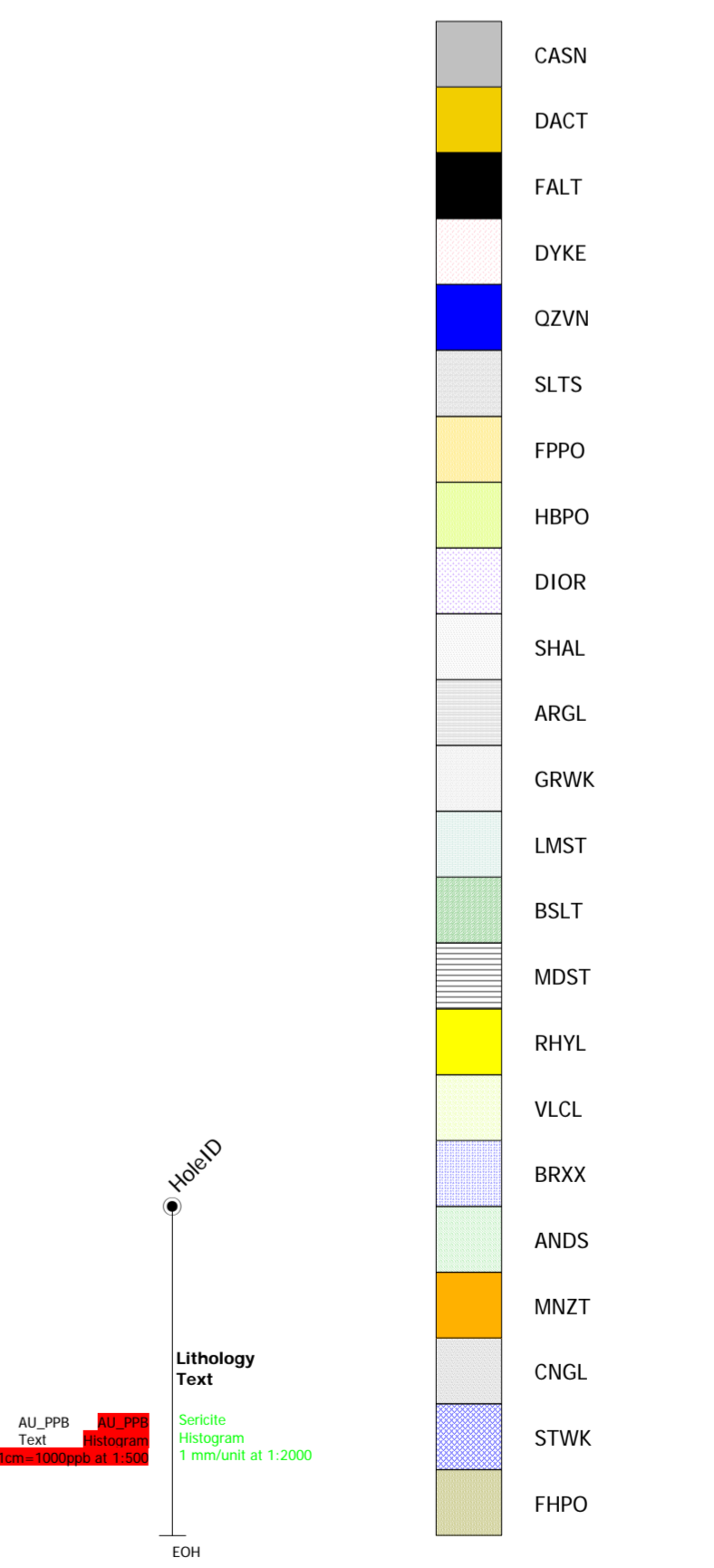
ANDS	Andesite	DIOR	Diorite
DACT	Dacite	FHPO	Feldspar Hornblende Porphyry
ARGL	Argillite	HFPO	Feldspar Porphyry
CHRT	Chert	FQHP	Feldspar Quartz Hornblende Porphyry
CNGL	Conglomerate	FQPO	Feldspar Quartz Porphyry
GRIT	Grit	FPPO	Feldspar Porphyry
GRWK	Greywacke	GRDR	Granodiorite
MDST	Mudstone	GRNT	Granite
SHAL	Shale	PHYL	Phyllite
SLTS	Siltstone	SCHS	Schist
SNDS	Sandstone	SLAT	Slate
MAFC	Mafic Volcanic	INTM	Intermediate Volcanic
TRAC	Trachyte	GABR	Gabbro
BSLT	Basalt	LMST	Limestone
RHYL	Rhyolite	QRZT	Quartzite
DLMT	Dolomite		

MINERAL AND ALTERATION ABBREVIATIONS

AK	ankerite	HZ	hydrozincite
AS	arsenopyrite	JA	jarosite
AZ	azurite	KF	K-spar
BA	barite	MC	malachite
BI	biotite	MG	magnetite
BX	breccia	MN	manganese
CA	calcite	MO	molybdenite
CD	chalcedony	MS	sericite
CB	Fe-carbonate	MT	marcasite
CL	chlorite	MU	muscovite
CP	chalcocopyrite	PA	pyrrhotite
CY	clay	PO	pyrrhotite
DI	diopside	PX	pyroxene
EP	epidote	PY	Pyrite
FP	feldspars	QV	quartz vein
GC	glauconite	QZ	quartz
GE	goethite	SI	silica
GL	galena	SP	sphalerite
HB	hornblende	SR	scorodite
HE	hematite	SS	Sulphosalts
HF	hornfels	TT	Tetrahedrite

MODIFIERS

/	interbedded	hf	hornfels
ag	agglomerate	la	laminated
ar	argillaceous	li	lithic tuff
at	ash tuff	lt	lapilli tuff
bd	bedded	ma	maroon
bl	black	md	medium
br	brown	mg	medium-grained
bx	breccia	mx	massive
ca	calcareous	ph	phyllitic
cg	coarse-grained	pk	poikilitic
cn	crenulated	pp	porphyritic
col	columnar	pw	pillowed
cr	carbonaceous	qe	quartz eye
ct	cherty	qz	quartz
dk	dark	sh	sheared
fb	flow-banded	si	siliceous
fg	fine-grained	sk	skarn
fi	fissile	ss	slickensides
fl	flow	stk	stockwork
fo	foliated	tl	tuff
fs	fossiliferous	vn	vein
gr	green	xt	crystal tuff
gs	gossan		
gy	grey		

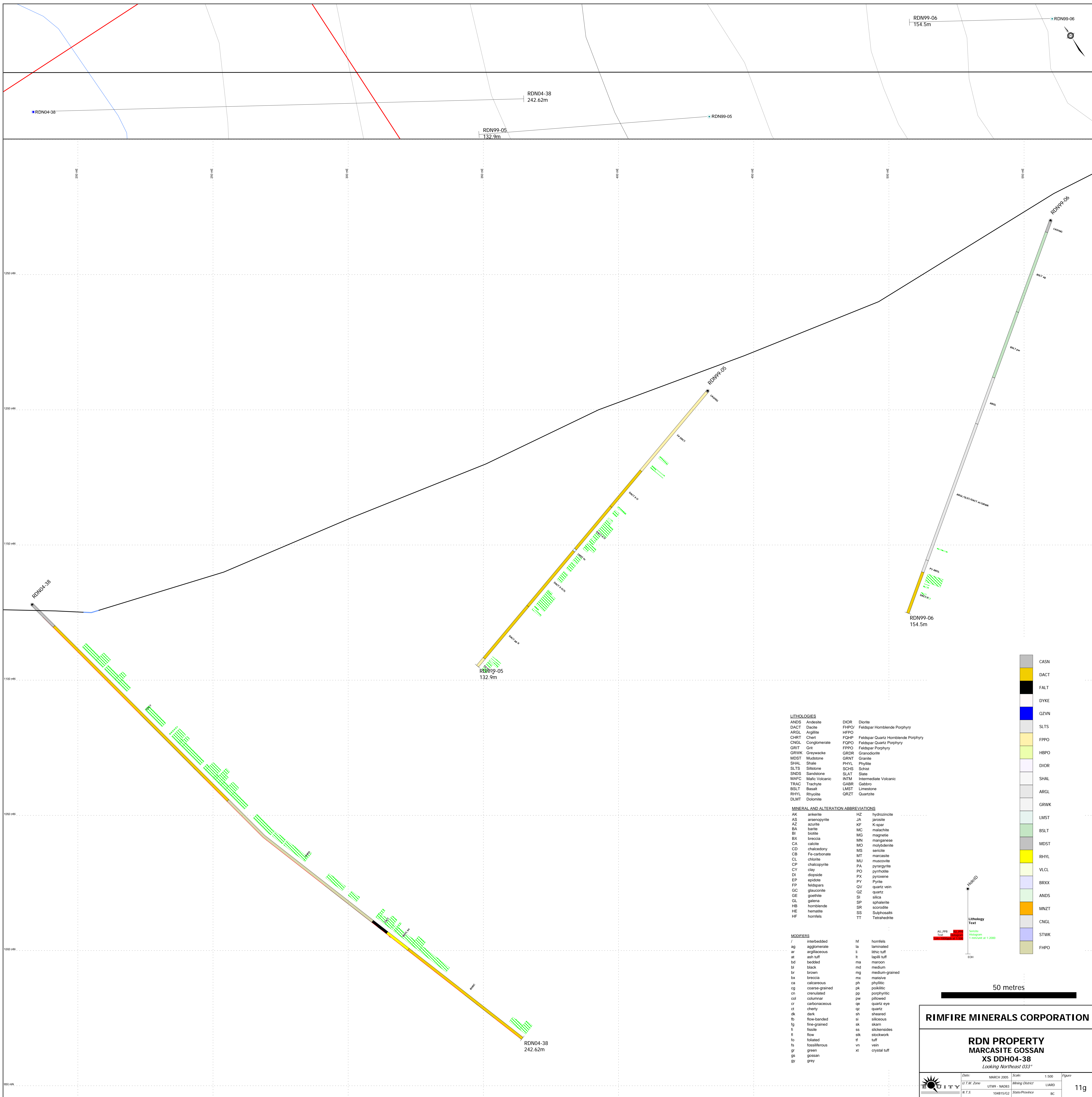


50 metres

RIMFIRE MINERALS CORPORATION

**RDN PROPERTY
JUNGE ANOMALY
XS DDH04-37
Looking North**

Date:	MARCH 2005	Scale:	1:500	Figure	
U.T.M. Zone	UTM9 - NAD83	Mining District	LIARD		
N.T.S.	104B15/G2	State/Province	BC		



LITHOLOGIES	
ANES	Andesite
DACT	Dacite
ARGL	Argillite
CHRT	Chert
CNGL	Conglomerate
GRIT	Grit
GRWK	Greywacke
MDSST	Mudstone
SHAL	Shale
SLTS	Siltstone
SNDS	Sandstone
MAFC	Mafic Volcanic
TRAC	Trachyte
BSLT	Basalt
RHYL	Rhyolite
DLMT	Dolomite
DIOR	Diorite
FHPO/	Feldspar Hornblende Porphyry
HFPO	
FQHP	Feldspar Quartz Hornblende Porphyry
FQPO	Feldspar Quartz Porphyry
FPPO	Feldspar Porphyry
GRDR	Granodiorite
GRNT	Granite
PHYL	Phyllite
SCHS	Schist
SLAT	Slate
INTM	Intermediate Volcanic
GABR	Gabbro
LMST	Limestone
QRZT	Quartzite

MINERAL AND ALTERATION ABBREVIATIONS			
AK	ankerite	HZ	hydrozincite
AS	arsenopyrite	JA	jarosite
AZ	azurite	KSPR	K-spar
BA	barite	MC	malachite
BI	biotite	MG	magnetite
BX	breccia	MN	manganese
CA	calcite	MO	molibdenite
CD	chalcedony	MS	sericite
CB	Fe-carbonate	MT	marcasite
CL	chlorite	MU	muscovite
CP	chalcocopyrite	PA	pyargyrite
CY	clay	PO	pyrrhotite
DI	dioptase	PK	pyroxene
EP	epidote	PY	Pyrite
FP	feldspars	QV	quartz vein
GC	glauconite	QZ	quartz
GE	goethite	SI	silica
GL	galena	SP	sphalerite
HB	hornblende	SR	scorodite
HE	hematite	SS	Sulphosalts
HF	hornfels	TT	Tetrahedrite
H	interbedded		
ag	agglomerate	la	laminated
ar	argillaceous	li	lithic tuff
at	ash tuff	lt	lignitic tuff
bd	bedded	ma	maroon
bl	black	md	medium
br	brown	mg	medium-grained
bx	breccia	mx	massive
ca	calcareous	ph	phyllitic
og	coarse-grained	pk	poikilitic
cn	concreted	pp	porphyritic
col	columnar	pw	pillowed
cr	carbonaceous	qe	quartz eye
ch	cherty	qt	quartz
dk	dark	sh	sheared
fb	flow-banded	si	siliceous
fg	fine-grained	sk	skarn
fss	fissile	ss	slickensides
fl	flow	stk	stockwork
fo	foliated	tf	tuff
fs	fossiliferous	vn	vein
gr	green	xt	crystal tuff
gs	gossan		
gy	grey		

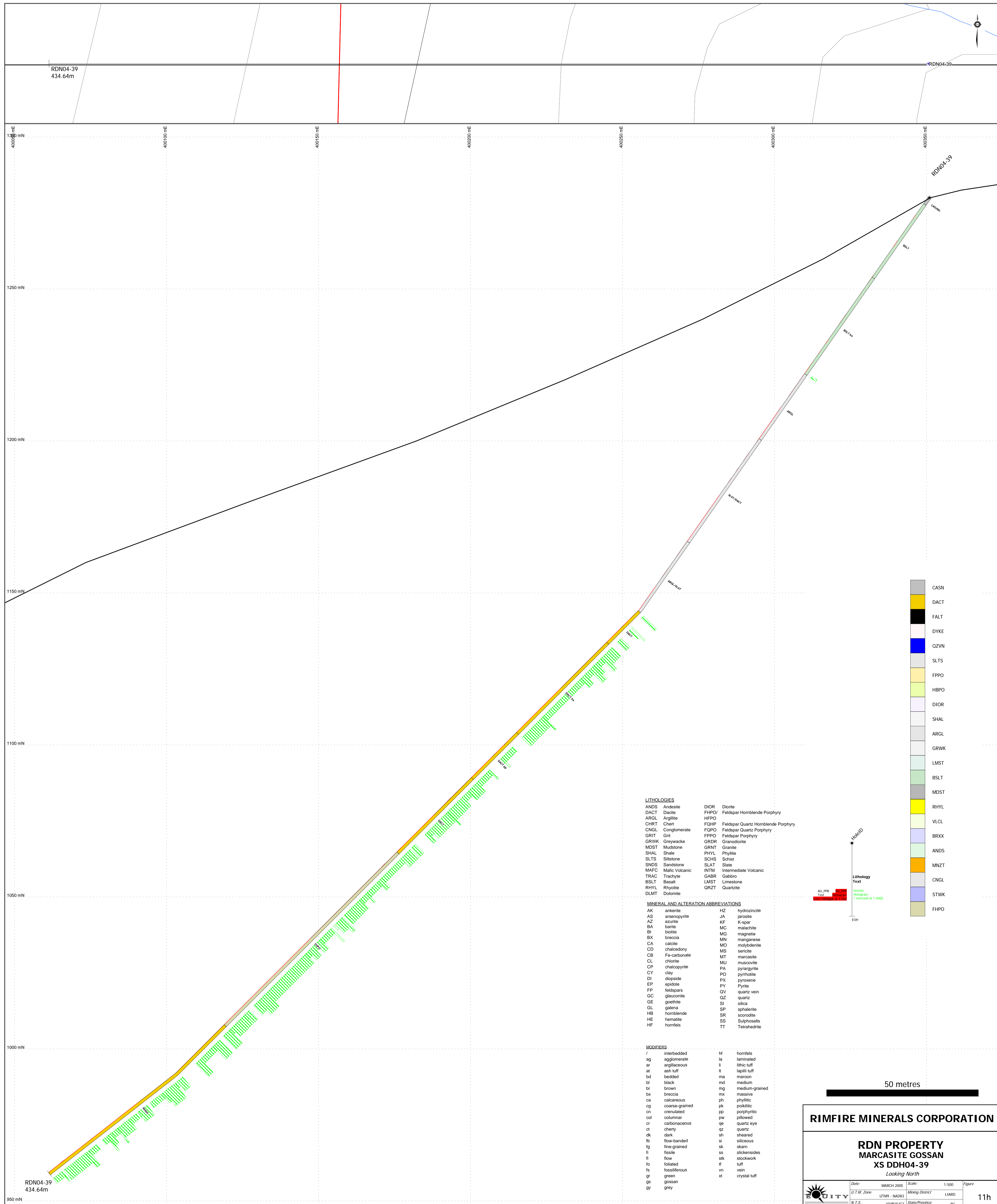
CASN
DACT
FALT
DYKE
QZVN
SLTS
FPPO
HBPO
DIOR
SHAL
ARGL
GRWK
LMST
BSLT
MDSST
RHYL
VLCL
BRXX
ANES
MINZT
CNGL
STWK
HFPO

50 metres

RIMFIRE MINERALS CORPORATION

RDN PROPERTY
MARCASITE GOSSAN
XS DDH04-38
Looking Northeast 033°

Date: MARCH 2005 Scale: 1:500 Figure
 U.T.M. Zone: UTM9 - NAD83 Mining District: LIARD
 N.T.S. 104815/G2 State/Province: BC



LITHOLOGIES

ANDS	Andesite	DIOR	Diorite
DACT	Dacite	FHPO/	Feldspar Hornblende Porphyry
ARGL	Argillite	HFPO	Feldspar Quartz Hornblende Porphyry
CHRT	Chert	FQHP	Feldspar Quartz Porphyry
CNGL	Conglomerate	FQPO	Feldspar Quartz Porphyry
GRIT	Grit	FPPO	Feldspar Porphyry
GRWK	Greywacke	GRDR	Granodiorite
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SHAL	Shale	PHYL	Phyllite
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TRAC	Trachyte	GABR	Gabbro
BSLT	Basalt	LMST	Limestone
RHYL	Rhyolite	QRZT	Quartzite
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CA	calcite	MO	molybdenite
CD	chalcodony	MS	sericite
CB	Fe-carbonate	MT	marcasite
CL	chlorite	MU	muscovite
CP	chalcopyrite	PA	pyrrhotite
CY	clay	PO	pyrrhotite
DI	diopside	PX	pyroxene
EP	epidote	PY	Pyrite
FP	feldspars	QV	quartz vein
GC	glauconite	OZ	quartz
GE	goethite	SI	silica
GL	galena	SP	sphalerite
HB	hornblende	SR	scorodite
HE	hematite	SS	Sulphosalts
HF	hornfels	TT	Tetrahedrite

MODIFIERS

/	interbedded	hf	hornfels
ag	agglomerate	la	laminated
ar	argillaceous	li	lithic tuff
at	ash tuff	lt	lapilli tuff
bd	bedded	ma	maroon
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br	breccia	mg	medium-grained
bx	breccia	mx	massive
ca	calcareous	ph	phyllitic
cg	coarse-grained	pk	poikilitic
cn	crenulated	pp	porphyritic
col	columnar	pw	pillowed
cr	carbonaceous	qe	quartz eye
ct	cherty	qz	quartz
dk	dark	sh	sheared
fb	flow-banded	si	siliceous
fg	fine-grained	sk	skarn
fi	fissile	ss	slickensides
fl	flow	stk	stockwork
fo	foliated	tf	tuff
fs	fossiliferous	vt	vein
gr	green	xt	crystal tuff
gs	gossan		
gy	grey		

Lithology Test

Au, Pb, Cu
Sulphide Histogram
1 mm/mt at 1:2000

50 metres

RIMFIRE MINERALS CORPORATION

**RDN PROPERTY
MARCASITE GOSSAN
XS DDH04-39**
Looking North

Date: MARCH 2005 Scale: 1:500 Figure
U.T.M. Zone: UTM9 - NAD83 Mining District: LIAIRD
N.T.S. 104815/C2 Status/Province: BC

11h