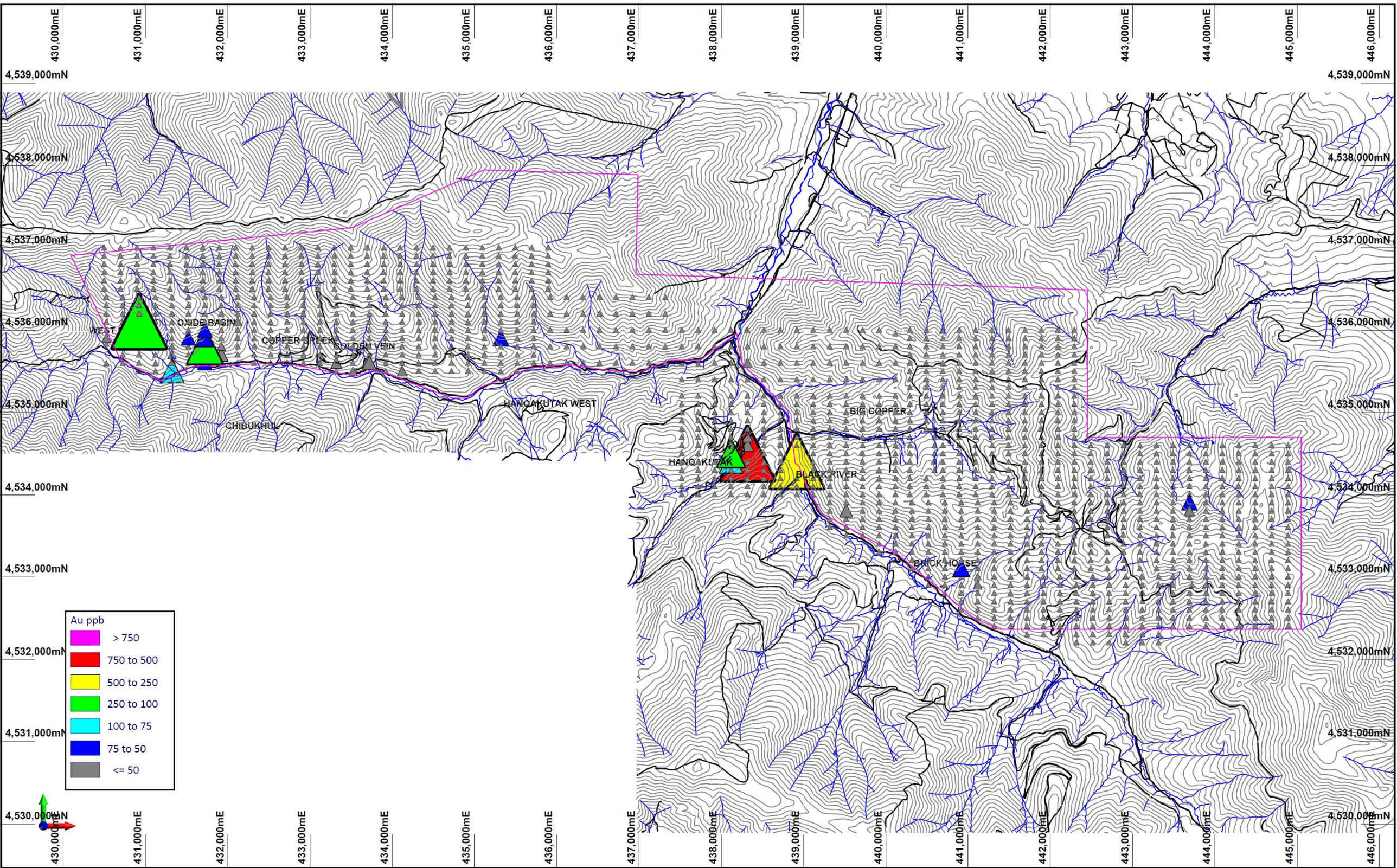
URASAR PROJECT
APPENDIX I
SOIL DATA



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale
1 : 44645.71

Plot Date
21-May-2025

Sheet
1 of 1

Plot File: Vizex

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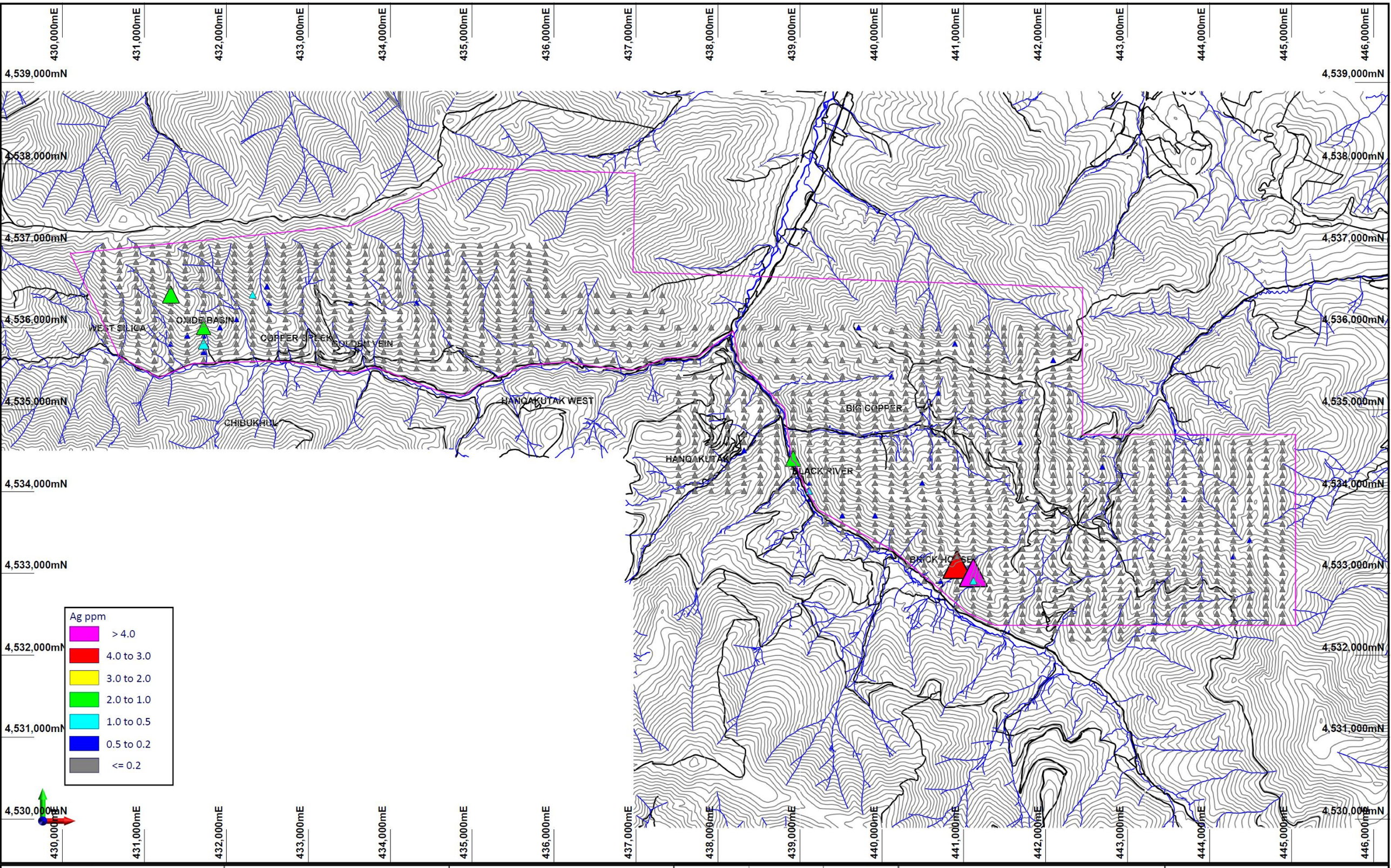
URUSAR PROJECT
SOIL DATA
Au ppb

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale	Plot Date	Sheet
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	Plot File: Vizex	

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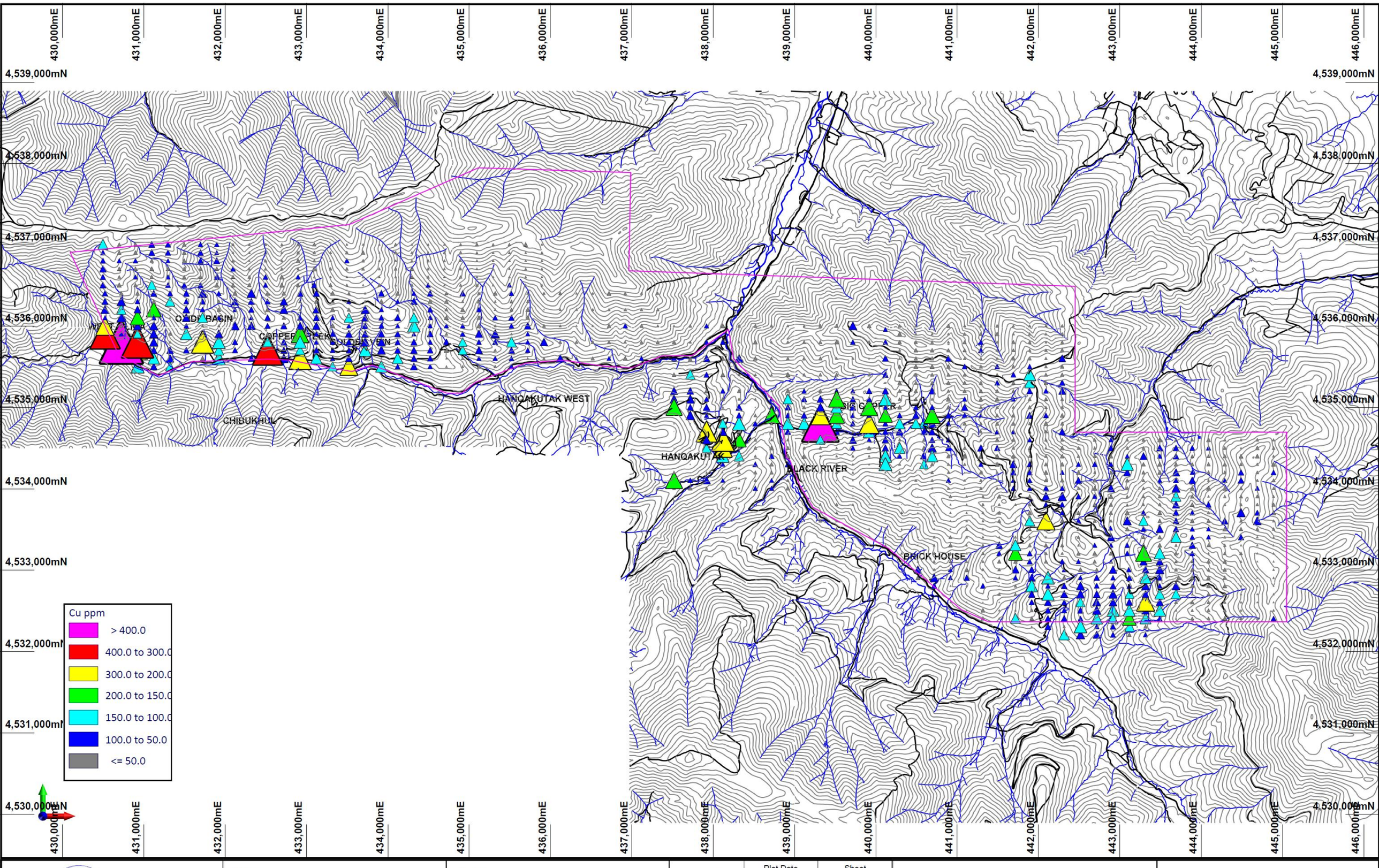
URUSAR PROJECT
SOIL DATA
Ag ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale	Plot Date	Sheet
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	Plot File: Vizex	

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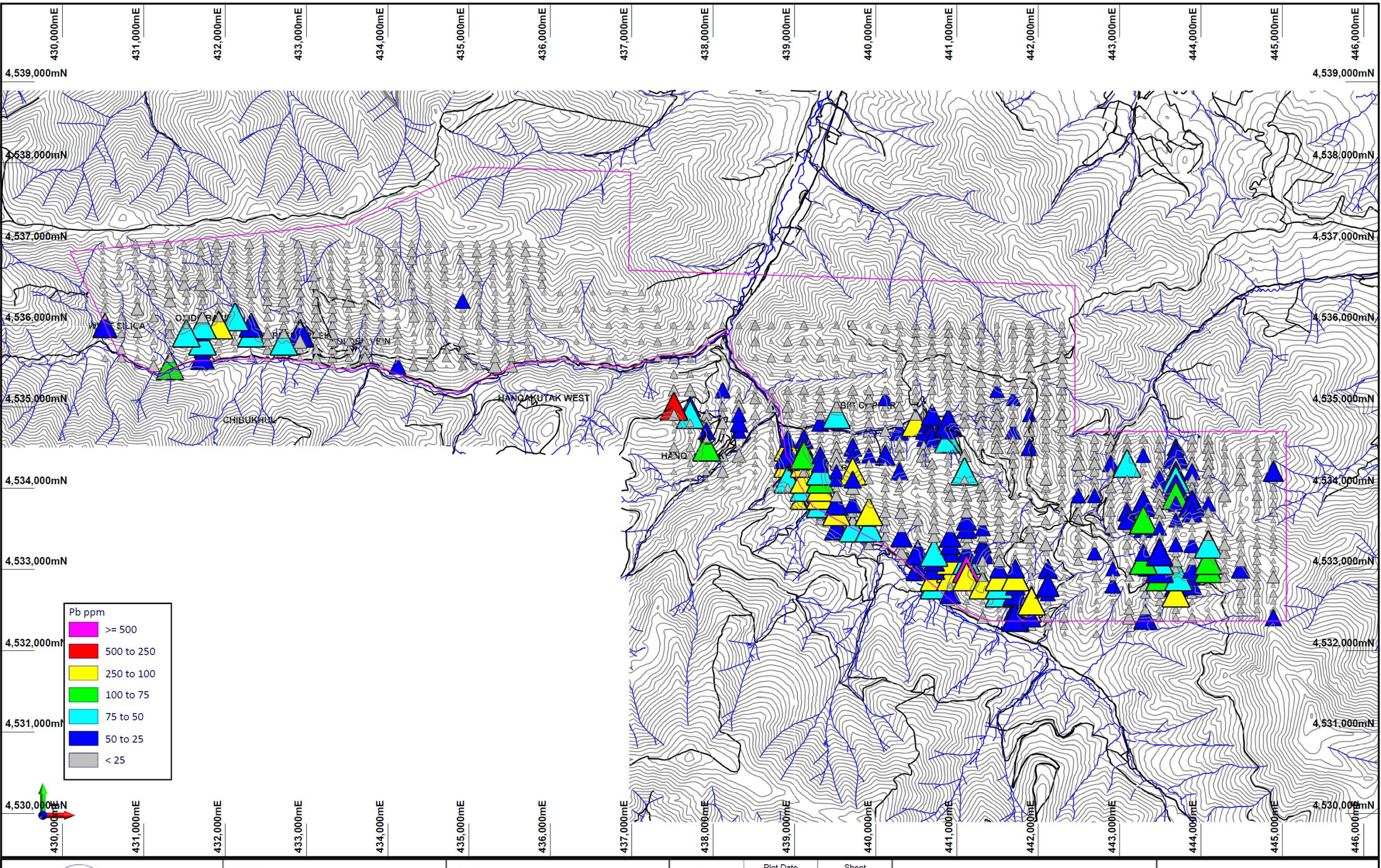
URUSAR PROJECT
SOIL DATA
Cu ppm

HAYASA METALS



Simon J Meldrum

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DATUM - WGS84
Soil contours 25m

Notes:

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	Plot File: Vizex	

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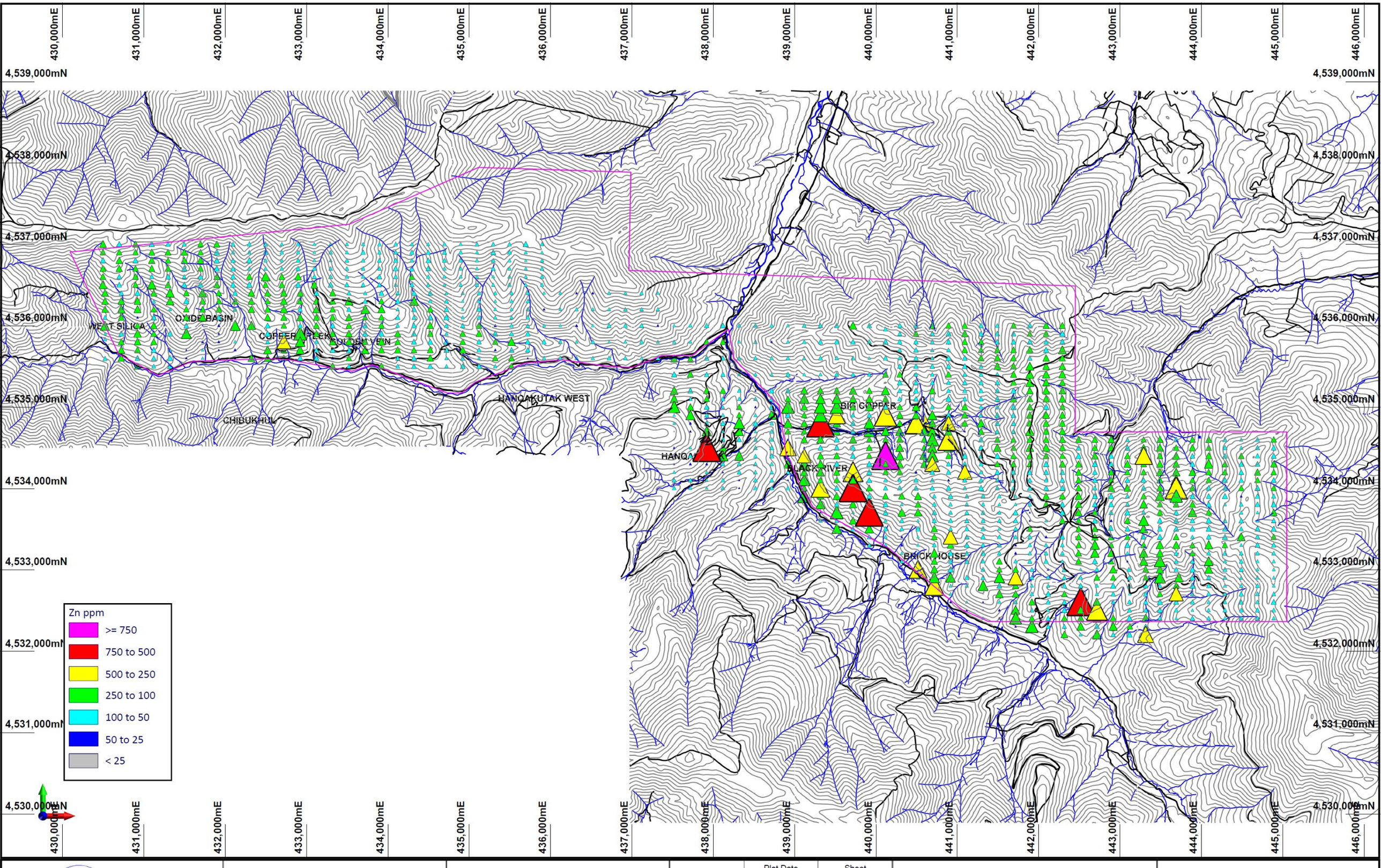
URUSAR PROJECT
SOIL DATA
Pb ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale
1 : 44645.71

Plot Date
21-May-2025

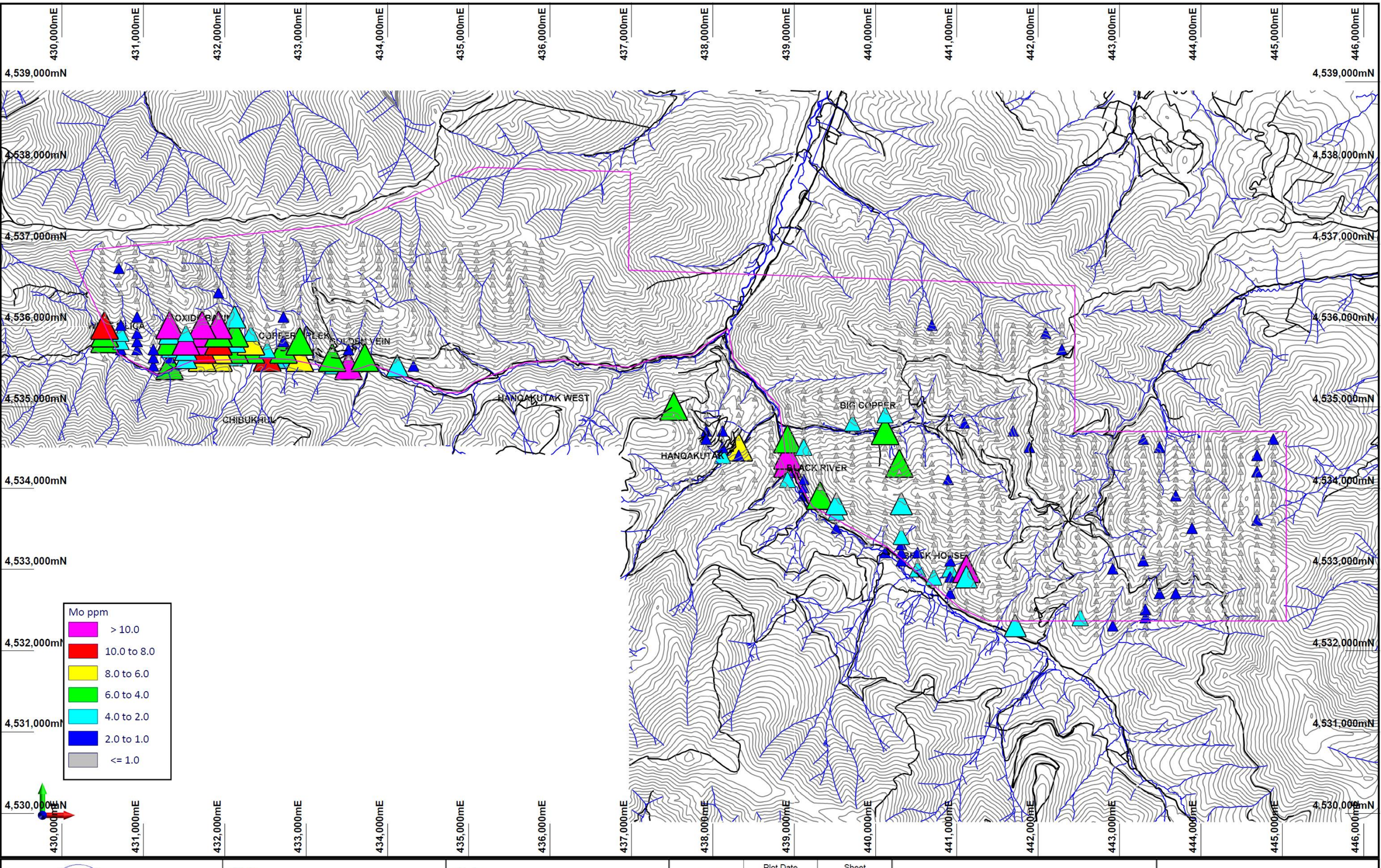
Sheet
1 of 1

Plot File: Vizex

1000 0 1000m

URUSAR PROJECT
SOIL DATA
Zn ppm

HAYASA METALS



Simon J Meldrum

Notes:
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Soil contours 25m

Notes:

Scale
1 : 44645.71

Plot Date
21-May-2025

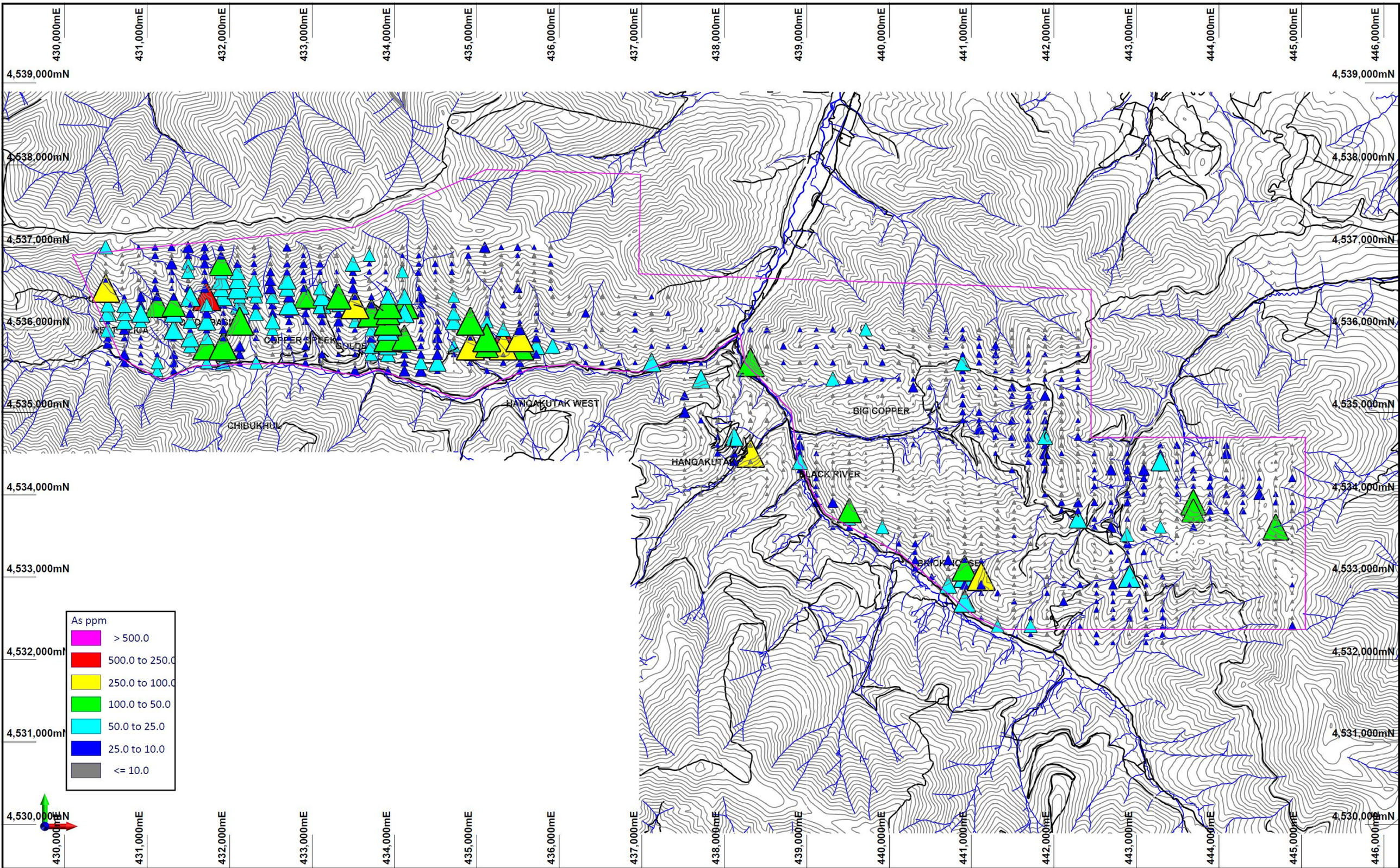
Sheet
1 of 1

Plot File: Vizex

1000 0 1000m

URUSAR PROJECT
SOIL DATA
Mo ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale	Plot Date	Sheet
1 : 44645.71	21-May-2025	1 of 1
	Plot File: Vizex	

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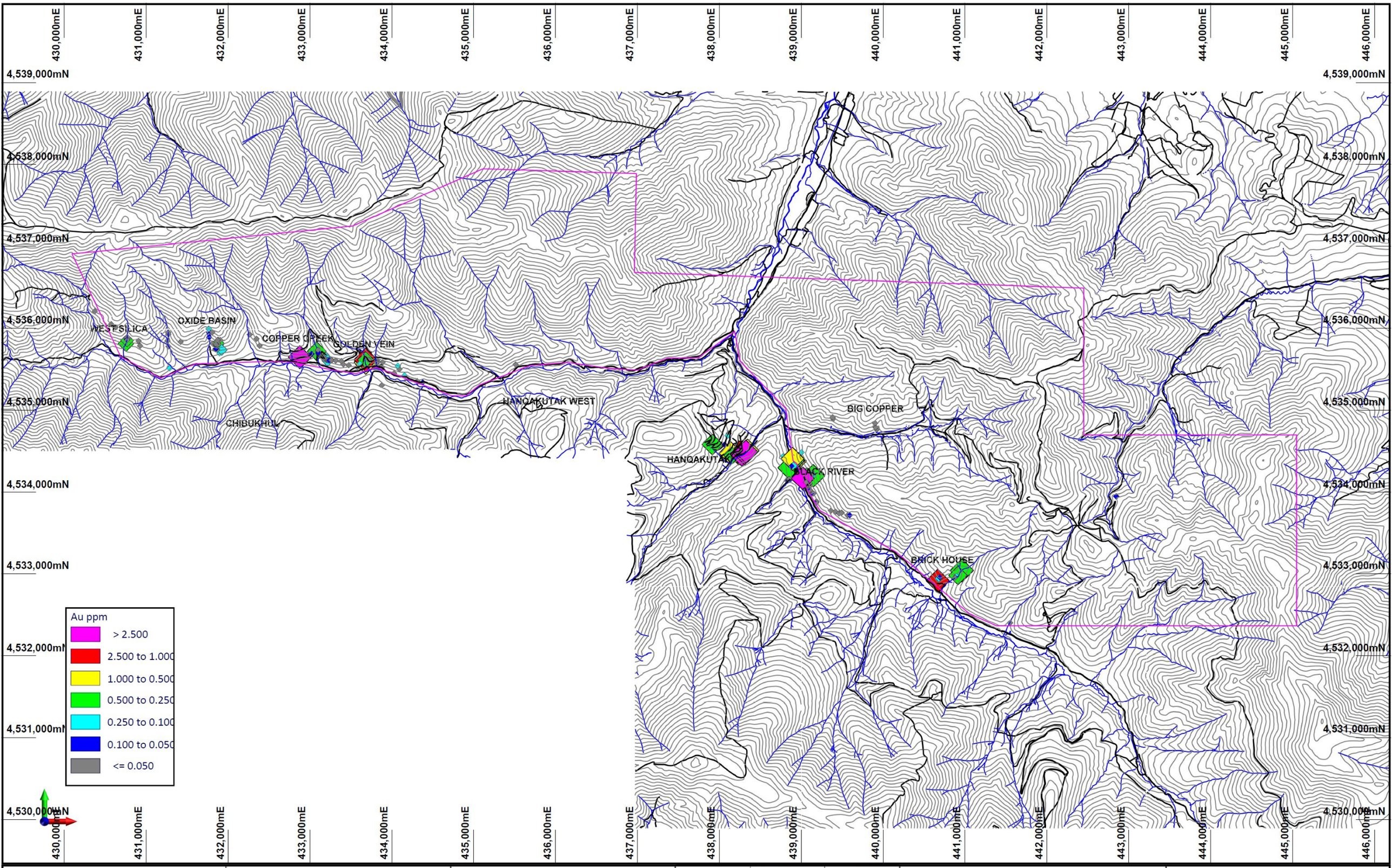
URUSAR PROJECT
SOIL DATA
As ppm

HAYASA METALS

URASAR PROJECT
APPENDIX II
ROCK DATA



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

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	Plot File: Vizex	

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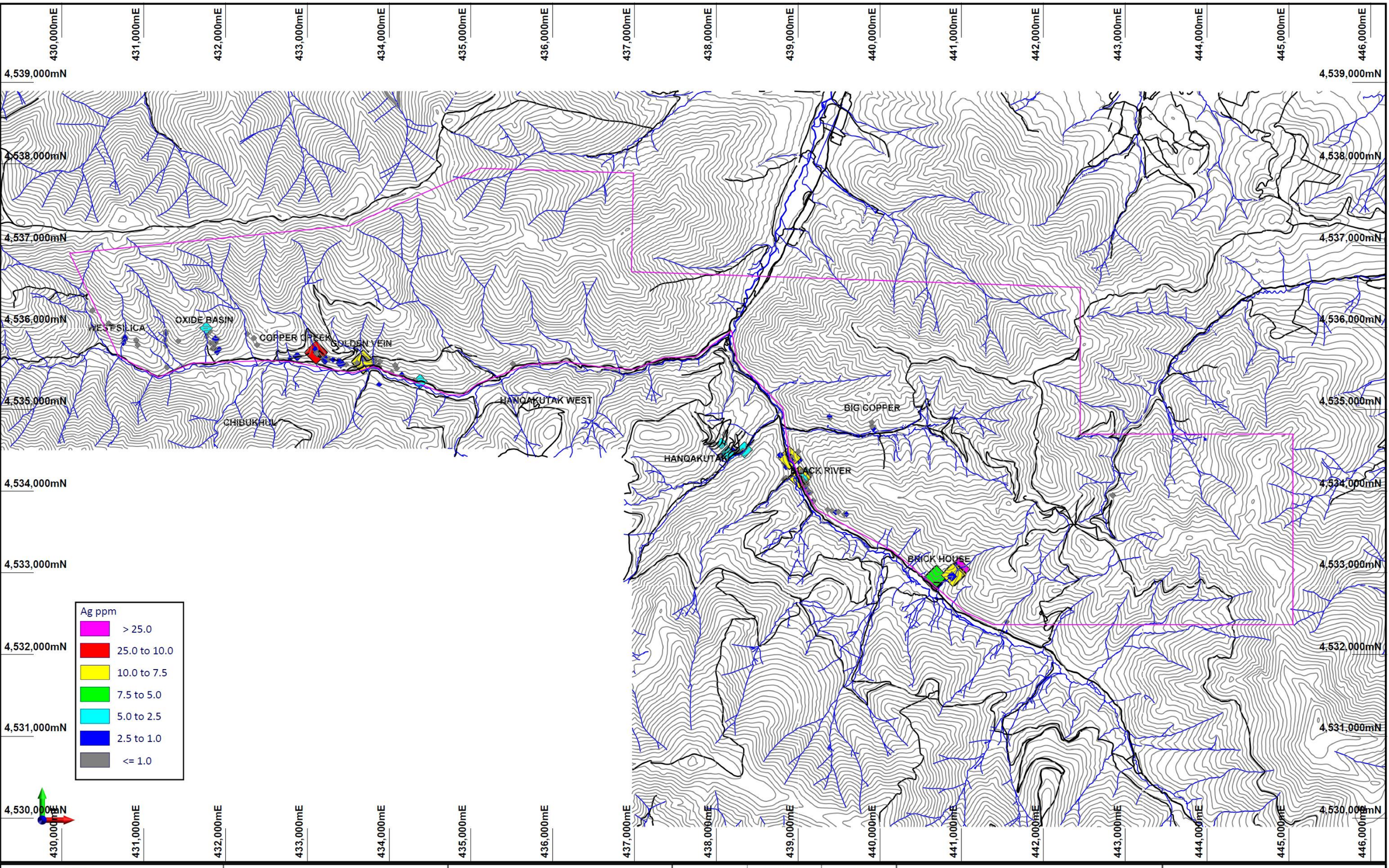
URUSAR PROJECT
ROCK DATA
Au ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale	Plot Date	Sheet
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	Plot File: Vizex	

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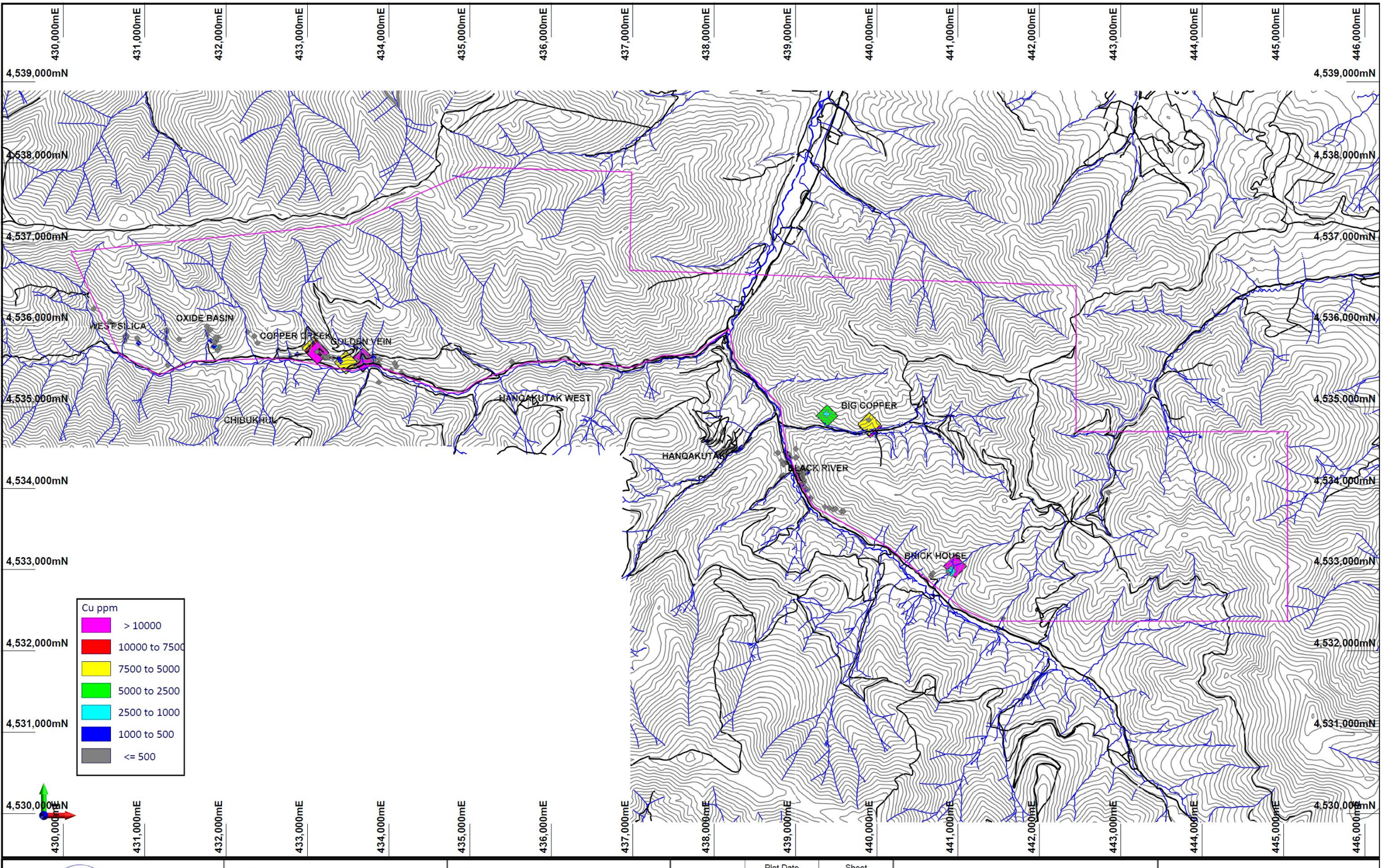
URUSAR PROJECT
ROCK DATA
Ag ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

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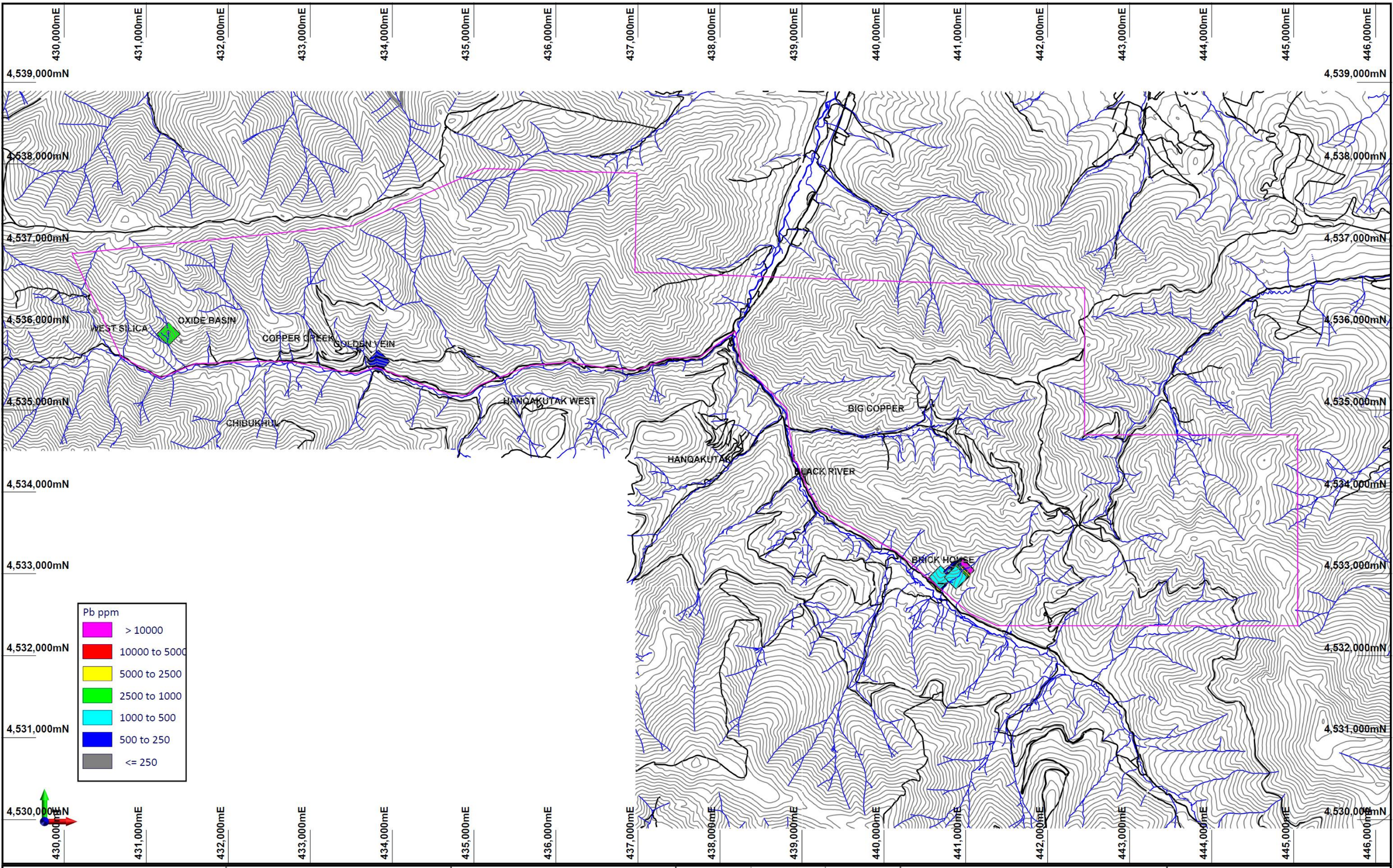
	Plot File: Vizex	

1000 0 1000m

URUSAR PROJECT
ROCK DATA
Cu ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale
1 : 44645.71

Plot Date
21-May-2025

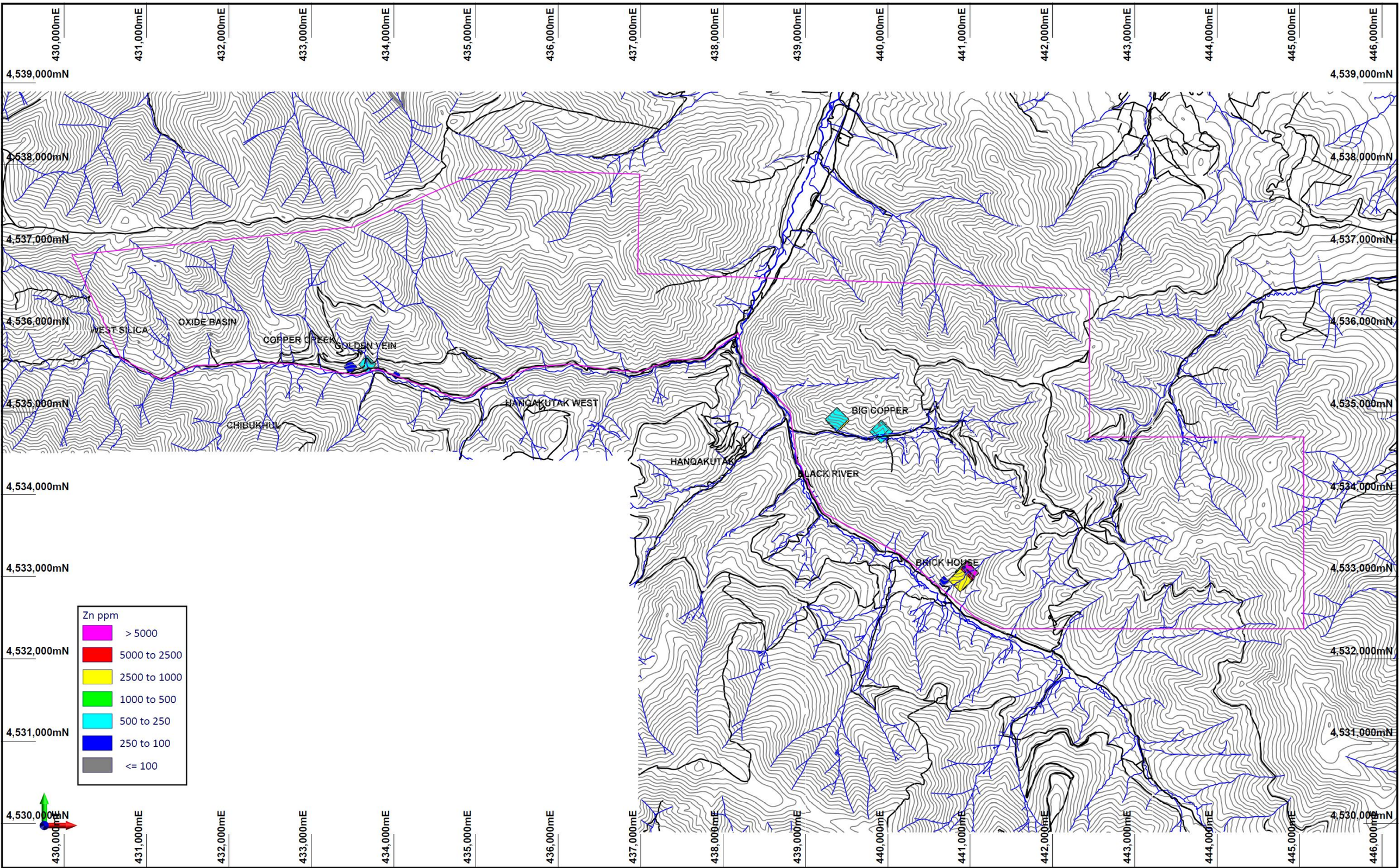
Sheet
1 of 1

Plot File: Vizex

1000 0 1000m

URUSAR PROJECT
ROCK DATA
Pb ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale
1 : 44645.71

Plot Date
21-May-2025

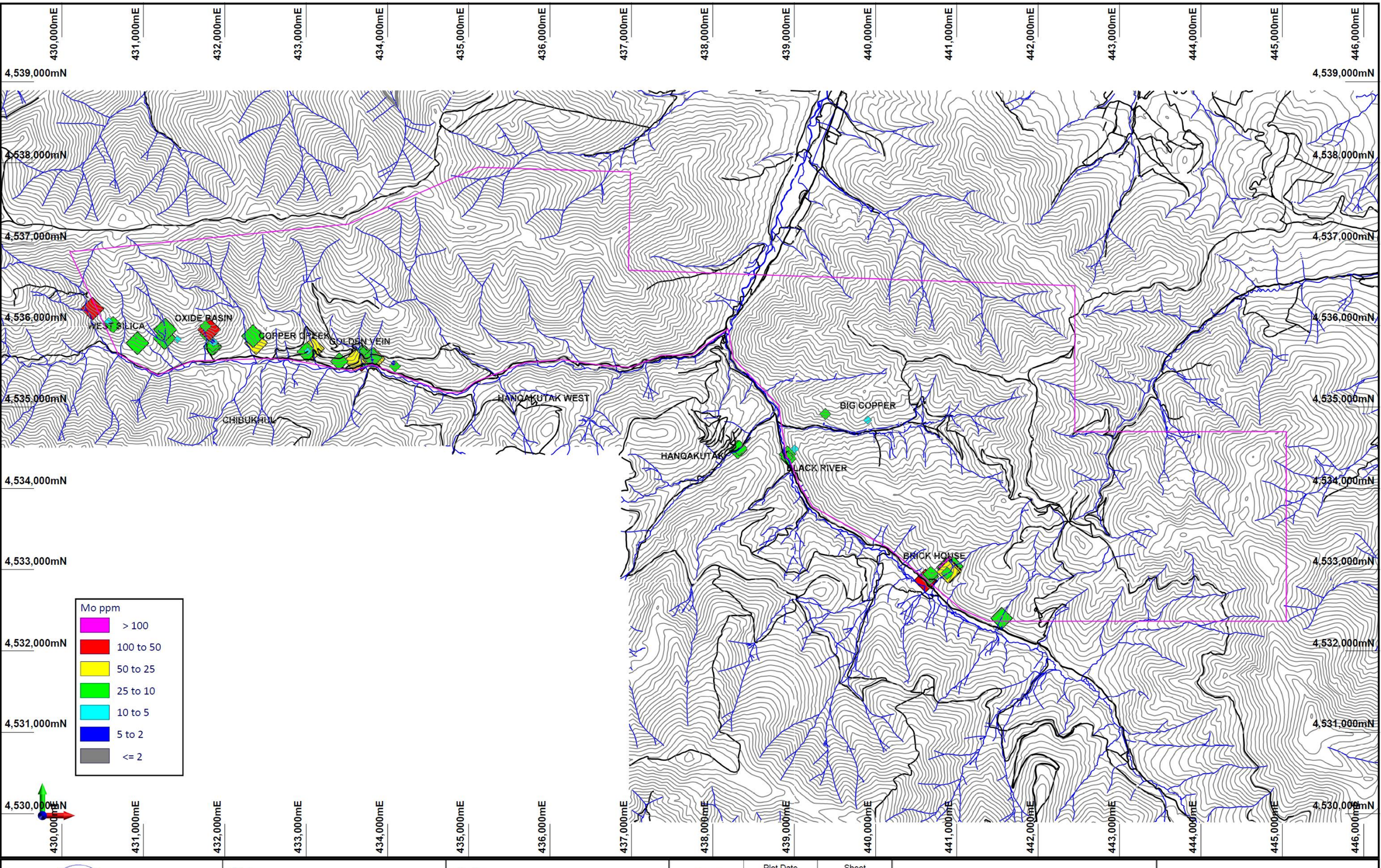
Sheet
1 of 1

Plot File: Vizex

1000 0 1000m

URUSAR PROJECT
ROCK DATA
Zn ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

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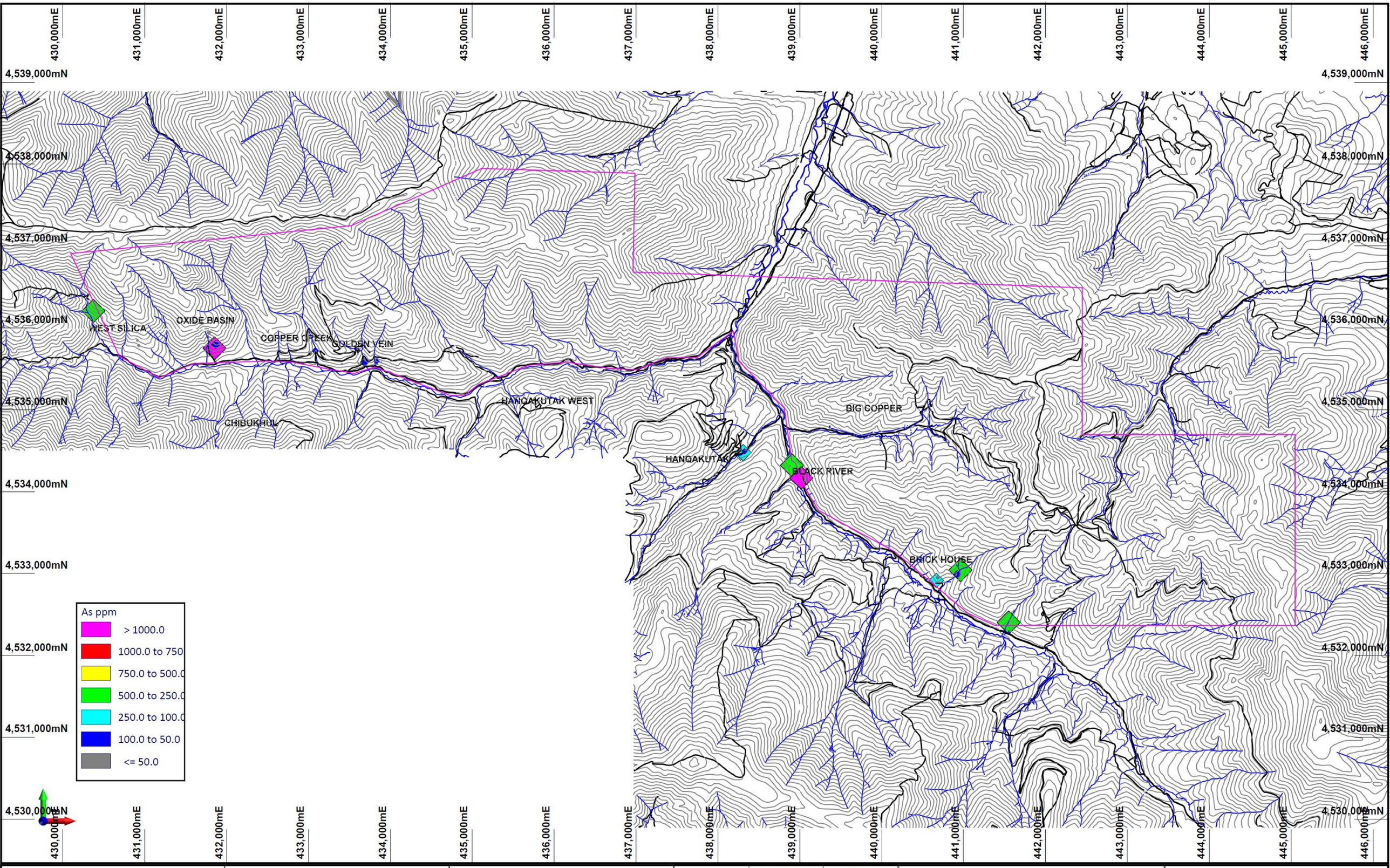
1 : 44645.71	21-May-2025	1 of 1
	Plot File: Vizex	

1000 0 1000m

URUSAR PROJECT
ROCK DATA
Mo ppm

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Soil contours 25m

Notes:

Scale	Plot Date	Sheet
1 : 44645.71	21-May-2025	1 of 1
	Plot File: Vizex	

1000 0 1000m

URUSAR PROJECT
ROCK DATA
As ppm

HAYASA METALS

URASAR PROJECT

APPENDIX III

FIELD MAPPING & ROCK SAMPLE LOGGING DATA (N35_RGEOL_QL DATA)

LITHOLOGY 1

Confidence Index - 1: positive 2: confident (SO) 3: probable (TO) 4: guess (TO)

LITHOLOGY DATA RECORDING COLUMNS

TO = totally alt
SO = strongly alt

LITH | BXT | r | BXC | BXM | %BM | CI

LITH: S** sedimentary; M** metamorphic; V** volcanic; I** igneous; IDY** dyke; IDM** dome; IH** hypabyssal; IP** plutonic

BXT: bx type/facies; r: clast rounding; BXC: bx clasts; BXM: bx matrix; %BM: % bx matrix; CI: confidence index

SURFICIAL DEPOSITS

PF	pad fill	Fs	fluvial seds	Alv	alluvium
Gr	gravel	Glt	glacial till	Sc	scree
Grp	perched gravel	Gmor	glacial moraine	So	soil
		Cct	calcrete	Fct	ferricrete
				Calh	caliche

SEDIMENTS (S)

SCg	conglomerate	SMsb	carb mudstone	SLs	limestone
SAr	arkose	SMsc	calc mudstone	SLso	oolitic limestone
SSd	sandstone	SMsp	peb mudstone	SLsc	marly limestone
SSdb	carb sandstone	SSh	shale	SLsd	dirty LS
SSdc	calc sandstone	SShg	graphitic shale	SLsy	shelly limestone
SSs	siltstone	SShb	carb shale	SLsh	sinkhole fill
SSsb	carb siltstone	SGw	greywake	SLd	dolomite
SSsc	calc siltstone	SFlch	flysch seds	SEv	evaporite
SSsl	lamin siltstone	SVcl	volcaniclastic	SNn	sinter near vent >60°
SMs	mudstone	SCh	chert	SNs	sinter mid slope <60°
SMsf	fer mudstone	SCl	chalk	SNd	sinter distal apr <35°

Features:
B bedded; GB graded bedding; RB reverse bedding; CB cross bedded; I indurated; F fossiliferous

METAMORPHICS (M)

MMb	marble	MVb	meta basalt	MSha	amphibolite
MSk	skarn	MMs	meta mudstone	MShu	granulite
MSKmt	mt skarn	MSs	meta siltstone	MHfh	hb hornfels
MSkmtgt	mt-gt skarn	MSd	meta sandstone	MHfp	pyx hornfels
MSkgt	gt skarn	MQz	quartzite	MGn	gneiss
MSkgtep	gt-ep skarn	MMg	migmatite	MHf	hornfels
MSkep	ep skarn	MPh	phyllite		
MSkac	ac skarn	MSh	schist		
MSkdp	di skarn	MShp	glauc schist	SKE	endoskarn
MSksc	sc skarn	MShg	green schist	SKX	exoskarn

LITHOLOGY 2

VOLCANICS (V)

V volcanic designator
B composition
c volc facies
d minerals (abundance order)
e grain size
F features

V B c c d d d d e e F F

COMPOSITION

B	basalt	RD	rhyodacite	P	phonolite
BA	basaltic andesite	R	rhyolite	E	tephrite
A	andesite	T	trachyite	L	latite
D	dacite	TA	trachyandesite		

VOLCANIC FACIES

t	tuff	ft	pyroclastic flow	lhr	lahar
at	ash tuff	ba	block and ash	p	pillow basalt
ct	crystaltuff	vtt	vitric tuff	ign	ignimbrite
clt	crystal lithic tuff	lpt	accret lapilli tuff	fl	lava flow
lt	lithic tuff	fgm	fragmental		

MINERALS

q	quartz	o	olivine	FACIES	
f	feldspar	a	augite	PX	proximal
h	hornblende	g	glass	DX	distal
p	pyroxene	b	biotite		
m	magnetite				

GRAIN SIZE

vf	very fine	m	medium
f	fine	mc	medium coarse
fm	fine to medium	c	coarse

FEATURES

FB	flow banded	VT	vitric	UT	tephra
D	melanocratic	W	welded	CR	crystal crowded
L	leucocratic	GB	graded bedded		
VE	vessicular	RB	reverse graded bedded		

EXAMPLES

VAct fhq D dark andesitic crystal tuff with feld hornblend and quartz crystals/phenos
VRDign fqh W welded rhyodacitic ignimbrite with feld & quartz phenos/crystals

EXTRACT AS MUCH INFORMATION IN A CODED FORM AS POSSIBLE

LITHOLOGY 3

INTRUSIVES (I)

I igneous designator
B intrusive facies
c composition
d phenocrysts / crystals
E textures
f grain size
G features

I B c c d d d d E E f G

INTRUSIVE FACIES

IDY	dyke	IH	hypabyssal	IP	plutonic
IDM	dome			IPS	sill

COMPOSITION

do	dolerite	rh	rhyolitic	ba	basaltic andesite
di	diorite	g	granitic	gb	gabbro
dm	microdiorite	gd	granodiorite	la	lamprophyre
an	andesitic	to	tonalite	sp	serpentenite
da	dacitic	mz	monzonite	sy	syenite
rd	rhyodacitic	mzg	monzogabbro	pl	aplite
				pg	pegmatite | ALT

COMMON MINERALS

q	quartz	b	biotite	a	augite
f	plagioclase	p	pyroxene	k	orthoclase
h	hornblende	m	magnetite	o	olivine

ROCK TEXTURES

A	aphanitic	PE	porph > equigranular
P	porphyritic	EP	equigranular > porph
PA	porphyritic w aphanitic gmass	E	equigranular
		G	graphictic

GRAIN SIZE

vf	very fine	fm	fine to medium	mc	medium coarse
f	fine	m	medium	c	coarse

FEATURES

FB	flow banded	L	leucocratic	FY	felty
D	melanocratic	VE	vessicular	VI	vitric
				CR	crystal crowded

LITHOLOGY 4

BRECCIAS (BX)

BX b c DDd d EE e e % B

BX breccia designator
b breccia facies
c clasr rounding (optional)
d clast component
e matrix component
% estimate % matrix
B blockdesignator

'BRECCIA RULES OF THUMB'

hydrothermal breccias - matrix is sourced from hydrothermal fluids
phreatic breccias - sourced at depth & drill upwards. Matrix is pulverised rock flour & clasts are sourced from depth
explosive origin
diatreme breccas - originate at surface and drill downwards. Matrix is clay rich & clasts are sourced form near surface
passive process

BRECCIA FACIES (BXT)

BXf	fault bx	TECTONIC		BXb	pebble bx
BXt	tectonic bx			BXv	volcanic bx
BXj	jigsaw bx			BXi	intrusion bx
BXc	crackle bx			BXd	diatreme bx
BXp	phreatic bx	PHREATIC FACIES	numeric alternative	BX1	coarse poor sort
BXp	phreatic bx			BX2	coarse well sort
BXrc	rf-clastic bx			BX3	fine poor sort (dykes)
BXr	rock flour bx			BX4	fine well sort (dykes)
BXo	'overbank' phreatic breccias - weaker retrograde alt typ / oganic material				
BXg	phreatomagmatic		numeric alternative	BX5	ign matrix coarse
BXg	phreatomagmatic			BX6	ign matrix fine
BXh	hydrothermal bx			BX7	hydrothermal matrix
BXa	auto breccia - IDM ML			BX8	ha cl matrix
BXs	sedimentary breccia			BX9	qz clast qz matrix
BSs	barren silica shoulder pseudo bx				coarse qz-al alt
BXx	collapse breccia			VBx	vein matrix breccia
				BXl	acid drain back bx

typical to high sulphidation porphyry/breccia complexes

CLAST ROUNDING (r)

va	very angular	sa	sub-angular	ro	rounded
an	angular	sr	sub-rounded	wr	well rounded

BRECCIA CLASTS (BXC)

PL	polymict	MS	meta seds	PO	porphyry
ML	monolithic	IG	igneous	MM	metamorphic
***	'specified lithologies'				

BRECCIA MATRIX (BXM)

qz	quartz	qz-fe	qz-fe ox	qz-ja	qz-jarosite
qz-sx	qz-sulphide	qz-al	qz-alunite	cl	clay
sx	sulphide	al	alunite	pf	pyrophyllite
fe	iron oxides	ja	jarosite	al-pf	al-pyrophyllite
rf	rock flour	OR - a lithology or other mineral species			

THE BRECCIA MATRIX COMPONENT NORMALY DEFINES THE BRECCIA FACIES

ALTERATION

ALTERATION FACIES (AFAC)

Principal Facies

PROGRADE
UA unaltered
PS sub propylitic
PR propylitic
PT potassic
NA sodic - calcic
PH phyllic:pro-ms ret-se
IA intermediate arg
RETROGRADE
AR argillic
AA advanced arg
SI silicification
CB carbonate
SK skarn
QT qz-tourmaline

Variant Facies

RX recrystallised
HF hornfels
MT magnetite (deep PT)
P2 biotite (2nd PT event)
K2 kspar (2nd PT event)
AB aplite (ab or kf)
SE sericitic (IA) RQ
CH chloritic (IA) roscolite
ZE zeolite
HM heamatite
CE celadonite (LSE)
SQ sugary quartz (LSE)
DO dolomite
JA jasperoid

AA - acid sulphate facies

SO silica opaline
SM silica massive
S1 silica mas vuggy
S2 silica vuggy mas
SV silica vuggy
SG silica granular
SA silica alunite
SC silica clay
CS clay silica
CA clay alunite
SP silica patchy
SW silica wormy
SH chalcedonic sil
SY creamy silica
SF silica pyrophylite
SD silica diaspore
DS dark silica (py?)
CG carbonate granular
DC carb dissolution

ALTERATION STYLE (ASTY)

PER	pervasive	STR	structure	CLT	clotted
PAT	patchy	BXM	bx matrix	CAV	cavities
FRC	fracture	BXC	bx clast	ICO	int contact
VNS	vein selvage	SED	sed select	SEL	select
VNM	vein matrix	GMS	groundmass	BED	bedding select
CFL	cavity fill	STR	structure	VES	vesicle
				MTX	matrix
				REP	replacement
				PHN	phenocryst
				OPN	o'print

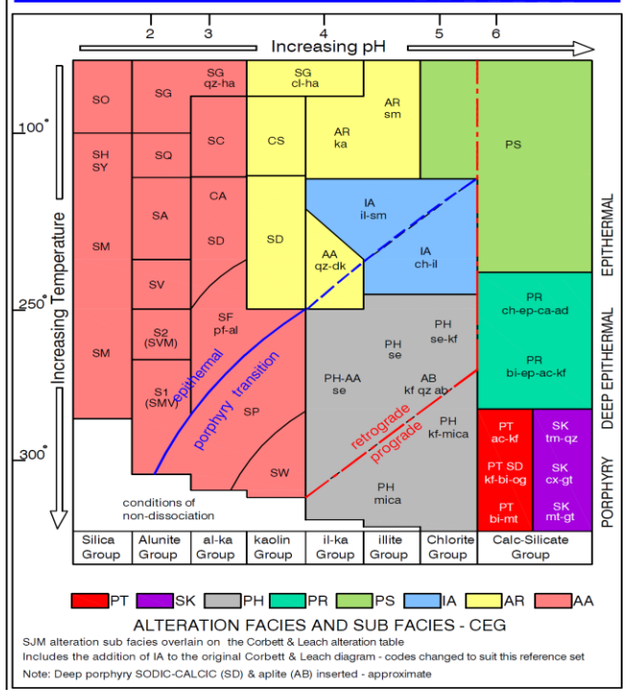
ALT INTENSITY (AINT)

0 nul 1 trace 2 weak 3 moderate 4 strong 5 intense

ALT MINERALS (AMIN)

aa	anatase	co	corundum	ka	kaolinite	ro	roscolite
ab	albite	cs	cristobalite	kf	k-spar	rt	rutile
ac	actinolite	cx	clinopyroxene	la	laumonite	sc	scapolite
ad	adularia	cz	chabazite	lx	lucoxene	se	sericite
al	alunite (udif)	do	dolomite	mm	montmorilonite	sd	siderite
aK	K-alunite	dk	dickite	mt	magnetite	sm	smectite
aN	Na-alunite	di	diaspore	mr	mordenite	su	specularite
aH	NH-alunite	dp	diopside	ms	muscovite	S	native S
ah	anhydrite	ep	epidote	na	natrolite	tc	talc
ax	andalusite	fp	feldspar (udif)	nc	nacrite	tm	tremolite
an	andradite	gl	glass	nt	nontronite	to	tourmaline
ba	barite	gt	garnet (udif)	og	oligoclase	tp	topaz
bi	bioite	gp	gypsum	os	opaline silca	tr	tridymite
ca	calcite	gf	graphite	pa	palygorskite	vs	vesuvianite
cb	carbonate	ha	halloysite	pf	pyrophyllite	wa	wairakite
cd	chalcedony	hu	heulandite	pg	phlogopite	wo	wollastonite
ce	celadonite	il	illite	pr	paragonite	ze	zeolite
ch	chlorite	im	ilmenite	px	pyroxene	zu	zunyite
cl	clay (udif)	ja	jarosite	qz	quartz	zw	zinnwaldite

CEG ALTERATION FACIES TABLE



ALTERATION FACIES AND SUB FACIES - CEG

SJM alteration sub facies overlain on the Corbett & Leach alteration table
Includes the addition of IA to the original Corbett & Leach diagram - codes changed to suit this reference set
Note: Deep porphyry SODIC-CALCIC (SD) & aplite (AB) inserted - approximate

MINERALISATION 1

MINERALISATION TYPE (MTYP)

OX Oxide no SX
TR Transition OX & SX
TO Trans OX dom OX > > SX
TS Trans SX dom OX < < SX
SG Supergene 2° process
MX Mixed SG/EN/HY 1°& 2°processes
EN Enriched 1° process
HY Hypogene 1° Process
SX Sulphide

MINERALISATION STYLE (MSTY)

DSM	disseminated	MTO	manto	MAS	massive
FFL	fracture fillling	MAS	massive	BXM	bx matrix
CFL	cavity filling	MAB	bx mass sx	BXC	bx clast
REP	replacement	COT	coatings	RND	rind on clasts
		VNS	veins selvage	VNN	vein undiff

VEINS

AAA B cc cc - dd dd - ee ee

A vein type
B vein familly (porphyries)
C vein textures (paragenetic order)
d gangue minerals (paragenetic order)
e min minerals (paragentic order)

VEIN TEXTURES

ba	banded	bl	bladed
cr	crustiform	dt	dogs tooth
co	colloform	ma	massive
oc	open cavities	gi	ginguro
bo	botryoidal	bm	microbotriodal
ck	cockade	bx	boxwork
cm	comb	lb	lattice bladed
ms	moss	pl	plumose

VEIN TYPES (VTYP)

QVN quartz vein QXV qz-sulphide vein SXV sulphide vein CBV carbonate vein

BUQ	buck qz	OPQ	opaline qz
MLQ	milky quartz veins	CHQ	chalcedonic qz
EVN	epithermal vns (undif)	SAQ	saccharoidal qz
MLV	mesothermal vn (undif)	CXQ	crystalline qz
QMM	MM sweat veins	QCV	qz-cb vein
QHV	qz-hm vein	ADV	adularia vein
SIV	silica veinletts	CLQ	clear quartz
QPV	qz-py vein	QAV	qz-adularia vein
QLV	qz-lm vein	JAQ	jasperoidal qz vein
NWV	network vns	AMQ	amethystine qz vein
NWQ	netwk qz vns	SGQ	sugary quartz
NWM	netwk mn vns	QMV	qz-mn carb vein

LOW SX EP

DOMES

GSV	grey silica vein	DQV	dark qz vein
DSV	dark sx + silica vein	LQV	light qz vein
DCV	dark sx + clay vein	WQV	white qz vein
LSV	light sx + clay vein	QRV	qz-ro vein

CARBONATE

WCV	white carb vein
CXC	clear cx carb vein
GCV	grey carb vein
MCV	mangano carb vein

PORPHYRY

QSV	quartz sericite veins
SEV	sericite veins
WQV	white qz veins
PQV	pink qz veins

Ruptured Porphyries - Lithocap

WMY	qz-mt +/- SX - cp bn
GQV	grey qz vein+/-SX mt
ALV	alunite veins
RQV	qz-hm-py (barren SHV)
SXV	sulphide veins
PFV	pyrophylite veins

Classic high level porphyry veins (HLP)

AVN	qz-mt +/- SX - cp bn
BVN	qz-SX - cp su
CVN	SX qz se - cp mo py
DVN	se-SX qz - mo cp py

Deep to intermediate level porphyries (ILP - DLP)

MVN	mt veins (whispy)
BIV	bi +/- mt qz → ACV/SEV
QMV	qz-mt veins +/-SX
ACV	ac +/- mt qz → CHV/PQV

MINERALISATION 2

MIN MINERALS (MMIN)

Au	native gold	Cu	native copper	DS	dark sulphides
Ag	native silver	S	native sulphur	LS	light sulphides
ai	alcantite	dg	digenite	ne	neotocite
ae	anglesite				
sb	antimony	el	electrum	or	orpiment
ar	argentite				
as	arsenopyrite	en	enargite	pm	pitch limonite
at	atacamite			py	pyrite
az	azurite	fb	ferberite	pl	pyrolusite
		fl	flourite	po	pyrrhotite
ba	barite				
bt	bismuthinite	ga	galena	re	realgar
bn	bornite	go	geothite		
br	brochantite	Hg	mercury	so	scorodite
		hm	heamatite	sh	scheelite
ci	calverite	hs	hessite	sl	selenides
sn	cassiterite	hz	hydrozincite	sd	siderite
ct	cerussite			sp	sphalerite
ck	chalcantite	ja	jarosite	st	stibnite
cc	chalcocite			ss	sulphosalts
cp	chalcopyrite	lm	limonite		
cr	chromite	lx	lucoxene	te	tellurides
cy	chrysocolla			tt	tennantite
nn	cinnabar	mc	malachite	tn	tenorite
cv	covellite	ma	marcasite		
cn	cubanite	mo	molybdenite	wd	mn wad
ct	cuprite	mt	magnetite	zc	zincite
		mn	mn oxide		

Common vein gangue minerals

qz	quartz	rd	rhodonite	ah	anhydrite
ca	calcite	ro	roscolite mica	mt	magnetite
cb	carbonate	to	tourmaline	ba	barite
rc	rhodochrosite	gp	gypsum	ze	zeolite
kf	adularia	rc	rhodochrosite	mn	mn wad

CEG - LOGGING CODE REFERENCE SET

EXAMPLE LOGGING FORMAT

LITHOLOGICAL DATA AS RECORDED SIMPLFIED LITH PLOT COLUMN

BRECCIA DATA

INDEXED INTENSITIES

ALTERATION FACIES / STYLES / INTENSITIES IN PARAGENTIC ORDER

ALTERATION MINERALS IN ORDER OF ABUNDANCE

MINERALISATION STYLES IN PARAGENTIC ORDER

MINERALISATION MINERALS ORDER OF ABUNDANCE

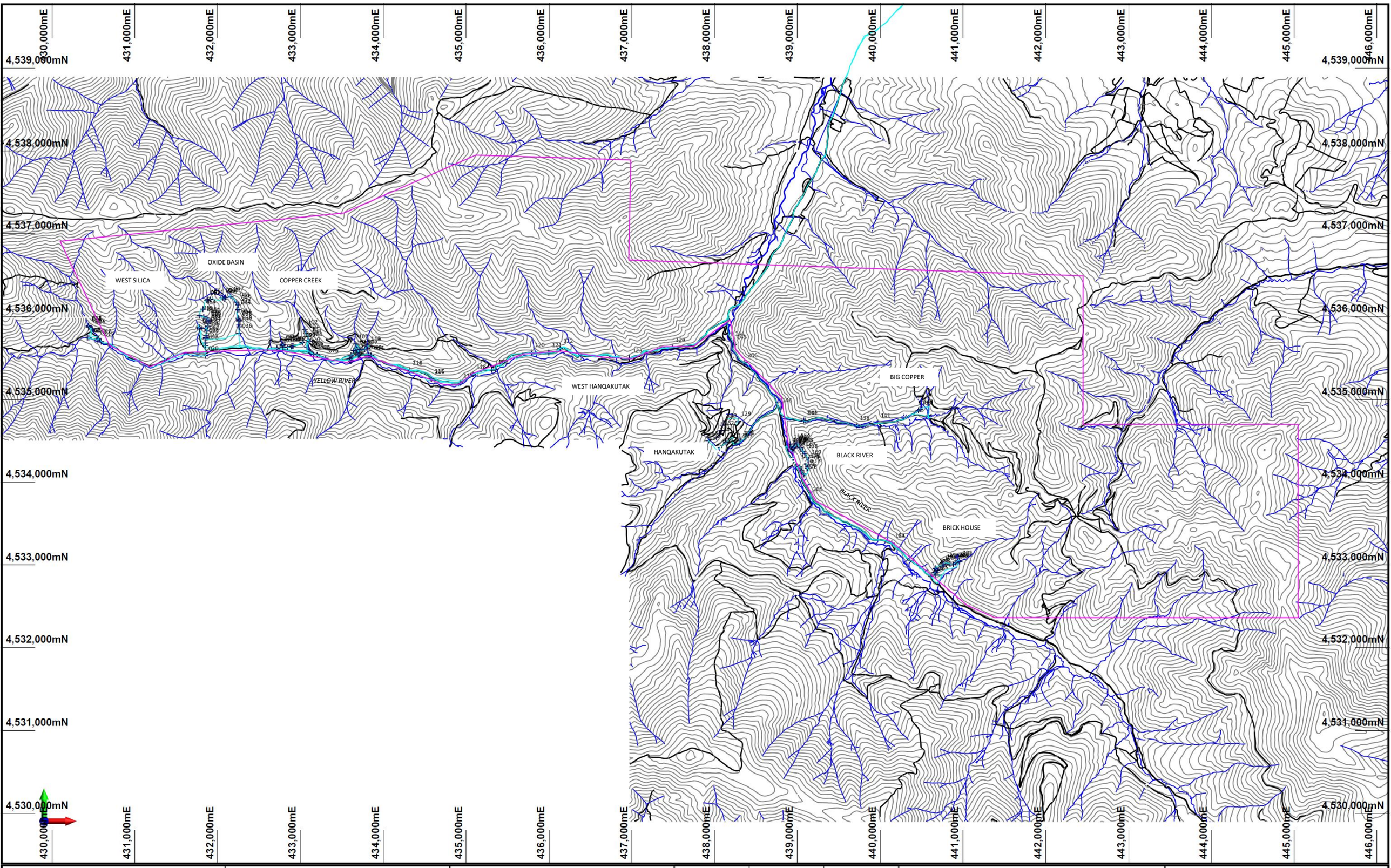
VEIN DATA IN PARAGENETIC ORDER & VOL%

LITH	LITH PLT	BXT	BXC	BXM	BM%	SI	FE	CL	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	VTYP	VN%
PF	PF																										
VAct	VAct	BXj	VA	HMV	5	0.5	1.4	0.6	PR IA ZE	PER PER PAT	4 3 3	ch	ep	hm	cl	qz	se	OX	HMV FFL	1 3	hm	mn	lm	pm		HMV	0.9
VAt	VAct	BXj	VA	HMV		0.2	1.8	3.5	AR	PER	4	cl	il				qz	OX	HMV FFL	4 3	hm	lm		pm	mn	HMV	5
FLT	FLT	BXf																									
IHda qf P mc	IHda mc	BXc				0.1	1.5	2.0	IA AR	PER STR	4 3	il	cl	se				OX	HMV FFL	2 2	hm	lm		pm		HMV	3
IHda qf P mc	IHda mc	BXj	IH	cl se	10	0.0	0.8	9.6	IA AR	PER STR	5 4	cl	il					OX	DSM HMV FFL	2 2 2	hm	lm	pm			HMV	0.9
FLT	FLT	BXf	IH	cl se	50	0.0	0.3	4.5	AR	STR	4	cl		se	il			TS	CLT DSM FFL	2 3 1	py		hm	lm	cc	SXVpycc	1
IHda qf P	IHda mc	BXj	IH	cl se py	5	0.7	0.2	2.0	IA AR	PER STR	4 3	cl	il	se		qz		TS	CLT DSM SXV RIM	2 2 1 2	py	cc	cv	lm			
IHda qfh P	IHda mc	BXc				0.0	0.4	1.5	PT PT IA SE ZE AR	XEN PER PER VNS PAT	4 1 4 2 1	il	se	ch	cl	hu		TO	DSM SEV CLT HMV FFL	2 1 1 1 2	py	lm		hm	cc	SEV HMV	0.5 0.2
IHda qfh P	IHda mc					0.0	0.0	1.0	IA AR	PER STR	5 1	il	cl	ch	ep	hu		TS	DSM SXV FFL	2 1 1	py			cc	lm	SXVpy	0.5
IHda fqh P	IHda mc					0.0	0.0	0.1	PR IA IA ZE	PER PER STR PAT	3 4 5 1	se	ch	il	ep	hu	mt	SX	DSM SXV FFL	2 1 1	py		cp	cc		SXVpy	0.1
IHda fqh P	IHda mc	BXc				0.0	0.0	0.0	PR IA SI IA	PER PER VNS VNS	3 2 4 1	se	ch		il	mt	hu	SX	DSM SXV QPV	1 2 1	py			cc	cp	SXVpy QVNpy	0.5 0.3
IHda fqh P	IHda mc	BXc	IH	py il se	3	0.1	0.0	0.7	PR IA SE ZE	PER PER VNS PAT	2 3 4 1	il	se	ch	qz	cl		SX	DSM SXV	1 3	py			cc	cp	SXVse py	3
IHda fqh P	IHda c	BXc	IH	py se	0.5	0.0	0.0	0.0	PR IA PH	PER PER VNS	2 2 2	se	ch	il	qz	mt		SX	DSM SXV	1 1		py	cp	cc	SXVse py	0.5
IHda fqh P	IHda c	BXf	IH	il cl py	15	0.2	0.0	2.3	PR IA PH	PER PER VNS	2 4 4	il	se	cl	qz			SX	DSM SXV	1 4	py			cc		SXVqzse py	4
IHda fqh P	IHda c	BXc				0.1	0.0	0.1	PR IA PH ZE	PER PER VNS PAT	2 3 2 1	se	il	qz	bi	ch	cl	SX	DSM SXV QPV	1 1 1		py			cp		SXVseqz pycc QPVqz py	1.5 0.1
IHda fqh P	IHda c	BXc	IH	VNS	2.5	0.1	0.0	0.0	PR PT IA PH LH ZE	PER PER PER VNS VNS VNS	3 1 3 4 1 1	se	ch	bi	il	kf	qz	SX	DSM SXV QPV	1 1 2		py			cp		SXVse py QPVpy	1.5 1.0
IHda fqh P	IHda c	BXf	IH	cl il py	10	0.5	0.0	0.7	PR PT IA PH AR	PER PER PER STR STR	2 2 2 3 4	cl	il	se	qz			SX	DSM CLT SEV	1 3 2	py			cc		SXVse py QVN	7 4
IHda fqh P	IHda m					0.0	0.0	0.4	PR PT IA PH	PER PAT PER VNS	3 1 3 4	se	kf	ch	il	bi	qz	SX	DSM QPV SXV	1 3 2		py		cp	cc	QPVpy SXVse py	4 2
FLT	FLT	BXf	IH	il cl se	15	0.1	0.0	1.2	IA AR	PER STR	3 4	il	cl		se	kf		SX	SXV CLT DSM	3 2 4	py						
IHda fqh P	IHda m	BXf	IH	VPY	3	0.2	0.0	0.1	PR PT IA PH AR	PER PER PER VNS VNS VNS	2 2 2 3 2 2	se	il	ch	kf	qz		SX	CLT DSM SXV	3 2 3			py		cp	SXVqz py	3
IHda fqh P	IHda m	BXf	IH	VPY		0.0	0.0	1.4	IA AR	PER STR	4 2	il	cl	se		qz		SX	SXV QPV	1 2	py					SXVpy	1
IHda fqh P	IHda mf	BXc				0.0	0.0	0.2	PR PT IA PH IA	PER PAT PER VNS VNS	1 1 1 2 2	se	ch	mt	il	kf		SX	DSM SXV QPV	1 1 1		py			cp	SXVpy QPV	1 1.5
IHda fqh P	IHda mc	BXj	IH		4	0.4	0.0	0.2	PR PT IA IA	PER PER PER VNS	2 2 3 4	il	se	qz	kf			SX	DSM CLT SEV QPV	1 2 4 2	py			mo	cp	SXV QPV	2.5 1.5
VAat D	VAat	BXf	MMs		10	0.1	0.0	0.3	HF PT ZE SE	PER PER PAT VNS	3 2 2 2	ch	bi	il	cl	hu	se	SX	SXV CLT FFL	5 2 3	py					SXVsepy	10
VAct fhP	VAct					0.0	0.0	0.0	PR IA ZE	PER PER SEL	1 3 3	ch	hu		mt			SX	DSM SXV	3 1		py				SXVpy	1
VAclt fh P	VAct	BXi	IDY		5	0.0	0.0	0.0	PR PT IA ZE SI	PER VNS PER VNS VNS	1 2 2 4 2	ch	hu	bi	mt	se	kf	SX	DSM CLT SXV SIV	2 1 3 2	py			cp		SXVpycp SIV	4 2
VAct fh P	VAct	BXi	IDY		40	0.0	0.0	0.0	PT PT PR IA PH	BXC PER PER PAT VNS	4 2 2 3 2	ch	bi	se	kf	mt	qz	SX	DSM SXV	1 2		py			cp	SXVpy QPV	1.5 0.5
VAat D	VAat	BXc			10	0.0	0.0	0.0	HF PT PH	PER PER PAT	2 3 4	bi		ch	mt	se		SX	SXV DSM	1 3		po		cp		SXVcppo SXVseqz py	2 4
VAat f P v	VAat					0.0		0.0	PR PT ZE	PER PER VNS	3 3 2	ch	mt	hu	qz	kf		SX	SXV FFL	1 2		py		cp		NUV SXVpycp	1.5 0.2
PF	PF																										
IHda fq P	IHda m					0.0		3.5	IA SE AR	PE	2 2 4	cl		il	se			OX	DSM SEV FFL	2 1 1		lm		hm		SEV	1.5
IHda fq P	IHda m	BXc				0.4		2.5	IA SE AR	PE	2 3 3	cl	se	il		qz		OX	DSM SEV FFL	1 3 2	lm		hm			SEV	5
IDY P f	IDY	BXc				0.0		3.5	SE AR	VI	2 2	cl	se	il	qz			OX	SEV	1			lm			SEV	0.5
IHda fq P	IHda mc	BXf				0.0		2.5	IA SI AR	PE	2 1 2	cl	se	il	qz			OX	DSM SEV STR	1 1 2		lm		mn		SEV	2.5
IHda fq P m	IHda m	BXc	IH		1	0.0		1.8	IA SE AR	PE	2 1 2	cl	se	il				OX	DSM SEV FFL	1 1 1		lm			hm	SEVseqz lm	0.9
IHda fqh P m	IHda m					0.1		1.0	PT IA SE AR	PE STR	1 3 2 2	se	cl	il	kf	bi		TS	DSM SEV FFL	2 1 2		lm	py	cc	mo	SEVseqz lm	0.2
FLT	FLT	BXf	IH	cl il	20	0.1		3.0	PR PT IA AR	PE STR	1 2 4 4	cl	il	se	ch	bi	ep	SX	DSM CLT	2 3		py					0
IHda fqh P mc	IHda mc	BXc		VNS		2.0		1.0	PT IA SI AR	PE STR	3 3 2 4	kf	bi	se	ch	qz	mt	SX	DSM PHN QVN	3 4 3	py		mo	cp		GSVqzkf mocp	8
IHda fqh P cm	IHda cm	BXc	IH	QVN	6	2.6		0.1	PT IA PT SI IA ZE	PE VNS VNS PAT	4 3 2 4 3 1	bi	se	qz	ch		il	SX	DSM BIV QVN	2 1 3	py		mo	cp	mo	BIV GSVqzkf pymo	0.5 6
IHda fqh P cm	IHda cm	BXf	IH	cl il	5	1.9		0.8	PT IA PT SI AR	PE VNS STR	4 3 5 4 3	bi	se	kf	qz	cl	il	SX	DSM QVN	2 2	py		mo		cp	GSVqzkf pymocp	4
FLT	FLT	BXf	IH	cl	50	0.0		3.5	IA AR	BX	3 4	cl		se		il		SX	DSM	1			py		mo		0
IHda fqh P mc	IHda mc	BXc	IH	VNS	10	2.3		0.2	PT IA PT IA	PE VNS	3 2 3 2	bi	kf	qz	se	il	cl	SX	DSM PHN CHV QVN	2 3 4 1	py			mo		CHVpy GSVqzkfpymo oc	0.3 10
FLT	FLT	BXf	IH	cl	60	0.0		4.0	IA AR	BX	3 4	cl				il		SX	DSM	1			py		mo		0
IHda fqh P mc	IHda mc	BXc	IH	VNS	10	2.3		0.2	PT IA PT IA	PE VNS	3 2 3 2	bi				il	cl	SX	DSM PHN CHV QVN	2 3 4 1	py			mo		CHVpy GSVqzkfpymo OC	0.3 10
PF	PF																										
IHda fqh P m	IHda m					0.1		4.0	PT IA AR	PE	1 4 3	cl						OX	DSM SEV FFL	1 1 2		lm				SEVqz	0.2
IHda fhq P mf D	IHda mf					1.4		0.4	PT IA	PE	3 4	se						OX	DSM FFL	2 2			hm	lm			0
IHda fqh P m	IHda m	BXc	IH	SEV	3	0.5	0.9	1.7	PT IA SE	PE	2 4 2	se					il	OX	DSM SEV FFL	222	lm		pm		hm	SEVqzhm	3
IHda fqh P m	IHda m	BXf	IPdo	IHda	96	0.2	2.5	1.4	PT IA SE	PE	2 5 2	se					kf	TO	DSM SEV FFL	3 1	pm	lm	py		cc	SEVqzpm	4
IHda fqh P mf	IHda mf	BXc	IH	SEVqz	7	1.2	1.4	1.7	PT IA SI SE	PE VNS	2 4 4 3	se					bi	OX	DSM SEV FFL	2 3 3	lm		hm	pm		SEVqzhm	7
IHda fqh P mf	IHda mf	BXc	IH	VNS	4	1.3	0.8	0.7	PT IA SE	PE	2 4 3	se				bi		TO	DSM SEV QVN SXV FFL	2 2 1 1 2	lm	py			hm	SEVqzlm QVNselm SXVpy	3 1 0.1
IHda fqh P m	IHda m	BXc	IH	VNS	4	1.3	0.2	0.1	PT IA SI ZE	PE PAT	2 4 3 1	se				kf	hu	TS	DSM SEV QVN FFL	2 3 1 2	py		lm		cp	SEVqz GSV	3 0.5
IHda fqh P m	IHda m	BXf	IH	cl se	10	1.0	1.4	1.2	PT IA SE SI AR	PE VNS STR	2 4 2 2 2	se				kf	hu	TO	DSM SEV QVN	2 3 2 3	lm	py	hm		cp	SEVqz QVN	2 1
IHda fqh P m D	IHda m	BXc		VNS	3	1.3	0.7	0.7	PT IA SE AR	PE STR	2 2 1 3	se				cl	bi	TS	DSM QVN FFL	3 2 1	py	lm			cp	GSVqzmocp	3
IHda fqh P m D	IHda m	BXf		SE CL	5	0.5	1.7	1.2	PT IA AR	PE	1 3 2	se				bi		OX	SEV QVNFFL	2 2 3	lm		pm	hm		SEV CBV	2 2
IHda fqh P m D	IHda m			VNS	4.5	2.0	0.0	0.4	PR PT IA SI AR	PE VNS STR	2 1 2 2 2	se				bi	kf	SX	DSM QVN	2 3	py		mo	cp		GSVsemo GSVmo	3 1.5
FLT	FLT	BXf										cl						SX	GMS	2	py						0
IHda fqh P m D	IHda m			VNS	4.5	2.0	0.0	0.4	PR PT IA SI AR	PE VNS STR	2 1 2 2 2	se				bi	kf	SX	DSM QVN	2 3	py		mo	cp		GSVsemo GSVmo	3 1.5
IHda fqh P m D	IHda m	BXc		VNS	1.5	2.0	0.0	0.2	PR PT IA AR	O STR	3 1 2 1	se				il		SX	DSM QVN FFL	2 1 1	py			mo	cp	GSVmocp	1.5
IHda / FLT	IHda	BXf		cl il	35	0.3	0.0	4.0	PR PT AR	PE	3 1 4	cl				mt		SX	DSM	3	py						0
IHda fqh P m D	IHda m	BXc		VNS	1.7	0.4	0.0	0.2	PR PT IA	PE	2 1 2	se						SX	DSM QVN	2 1		py				GSVmocp	1.7
IHda fqhP m D	IHda m	BXf		cl se il	10	1.0	0.0	1.9	PR PT IA AR	PE STR	2 1 2 3	se					mt	SX	DSM QVN FFL	2 2 1	py					GSVmocp	0.5
IHda fq P m D	IHda m					2.0	0.0	0.1	PR PT IA SE	PE VNS	2 1 2 1	ch	se	mt	bi	il		SX	DSM QVN QXV	2 1 2		py			cp	GSVmo QXVpycp	0.2 0.5
FLT	FLT	BXf		cl il se	65							se	cl	il				SX	SEV	5	cp					SEVqzcpmopy	10
IHda fq P m	IHda m	BXc		QVN	4	1.5	0.0	0.2	PR PT IA SI SE AR	PER PER PAT VNS VNS STR	2 1 2 2 2 2	se	mt	il	bi	cl	qz	SX	DSM QVN	1 2	py			cp	GSVmocppy	4
QVN	QVN	BXf				4.0	0.0	0.3	SI IL	VNS VNS	5 4	qz	il	se				SX	QVN	5	py	mt				GSMmo QXVpymo	4 30
IHda fq P m D	IHda m	BXc		OCN	5	1.5	0.0	0.1	PR PT IA SE	PER PER PAT VNS	2 1 2 2	se	il	kf	bi	mt		SX	DSM QVN	2 3	py					GSVmocp	5
IHda fq P m D	IHda m	BXj		VNS	23	2.4	0.0	0.4	PR PT SI SE	PER PER VNS VNS	2 1 3 4	se	qz	il	bi	ch		SX	DSM QVN QXV	2 2 5	py			mo		GSVmocp QXVseqzpycp	3 20
IHda fq P m	IHda m	BXc		QVN	5	2.0	0.0	0.2	PR PT IA AR	PER PER PAT STR	2 2 2 1	qz	bi	mt	se	il		SX	DSM CLT QVN	2 1 3	py					GSVmocp	5
FLT	FLT	BXf		qz se SX		0.5	0.0	1.5	PR PT IA AR	PER PER PER STR	2 1 2 3	cl	se		qz	bi		SX	DSM QVN	2 3		py				GSVmocp	3
IHda fq P m D	IHda m	BXc		VNS	4	2.0	0.0	0.1	PR PT IA SE	PER PER PER VNS	2 1 2 2	se	kf	bi	qz	mt		SX	DSM QVN	1 3		py				GSVmo	4
IHda fq P m	IHda m	BXf		cl se qz	25	0.5	0.0	1.5	PR PT IA AR	PER PER PER STR	2 1 2 3	se	cl	qz				SX	DSM QVN QXV	2 3 2	py					GSVmo QXVqzptcp	12 13
IHda fq P m	IHda m	BXj		VNS	28	1.0	0.0	1.2	PR PT IA AR CB	PER PER PER STR VNS	2 1 2 3 1	se	cl	qz	ca	bi		SX	DSM QVN QXV CBV	2 4 2 2	py					GSVmo QXVpy CBV	8 3 1
IHda fq P m	IHda m	BXc		VNS	6	2.0	0.0	0.2	PR PT PH	PER PER PER	2 2 1	se	bi		ch			SX	DSM QVN	2 3	py				cp	GSVmo	6
FLT	FLT	BXf				0.0	0.0	3.0																			
IHda fq P m	IHda m	BXf	IH	VNS	5	0.3	0.0	1.3	PR PT AR	PER PER STR	1 2 3	se	cl		bi			SX	DSM CLT QVN	1 1 2	py					GSVmo	5
IHda fq P m	IHda m	BXc				1.2	0.0	0.5	PR PT AR	PER PER PAT	3 1 2	se	cl	bi				SX	DSM QVN						mo	GSVmo	3
PF	PF																										
VAat R	VAat	BXc				0.0	0.5	0.2	HM PR ZE	PER PER PAT	4 1 1	hm	ch	se				OX	FFL	1						CHV	0.1
VAct f FB	VAct	BXc	VA	VNS	0.7	0.0	0.4	0.9	PR IA	PER PER	2.3	se	cl		hm			OX	QVN FFL	1 2		lm				WQVlm	0.7
VAct f P	VAct	BXc	VA	VNS	2	0.5	0.4	0.2	HM PR IA ZE	PER PER PER PAT	1 3 2 2	se	il	ep	hm	qz		TO	SEV SXV HUV FFL	2 1 2 2		lm				SEV SXV	0.9 0.1
VAct	VAct	BXf	VA	SEV cl	5	0.2	1.0	1.0	IA AR	PER STR	3 2	se	cl	il	ep	qz	ch	OX	CFL SEV	1 2		lm				SEV	4
VAct f P	VAct	BXc				3.0	0.7	0.0	HM HF SE	PAT PER PAT	1 3 5	ep	se	il	hm			TS	HMV HUV SXV FFL	2 3 1 2	py	lm				HMV HUV SXVpy	2 5 1
VAat r	VAat	BXc				1.5	0.5	0.0	HM HF PR ZE IA	PAT PER PER PAT PAT	1 2 2 4 3	ep	hm	se	qz	ch	mt	TS	HUV MTV SXV FFL	4 1 1 2	py	lm			cp	HUV SXVpy MTVpy	2 1 0.2
VAat R	VAat					0.2	0.3	0.0	HM PR PT PH ZE	PER PER PER STR PAT	2 2 1 2 3	se	ep	hm				TS	SEV HUV SXV	2 2 2	py		lm			SEV SXVpy	2 3
VApl f P m FB	VApl					1.0	0.3	0.0	HM HF PR PH SE	PAT PER PER STR PAT	2 2 3 2 3	se	ep	hm				TS	HUV QPV FFL	3 1 1		py		lm		HUVpy QPVpy	
VAclt	VAct					1.0	0.3	0.0	HM HF PR PH SE	PAT PER PER STR PAT	2 2 3 2 3	se	ep	hm				TS	HUV QPV FFL	3 1 1		py		lm		HUVpy QPVpy	
GOS	GOS	BXf		lm py		0.1	3.0	1.5	IA PH	STR STR	4 4	il	se	cl				TO	SXV FFL	4 3	py	lm				SXVpy	
VAclt	VAct					1.0	0.3	0.0	HM HF PR PH SE	PAT PER PER STR PAT	2 2 3 2 3	se	ep	hm				TS	HUV QPV FFL	3 1 1		py		lm		HUVpy QPVpy	
GOS	GOS					0.1	3.0	1.5	IA PH	STR STR	4 4	il	se	cl				TO	SXV FFL	4 3	py	lm				SXVpy	
VApl f P m FB	VApl					1.0	0.1	0.0	HM HF PR ZE	PAT PER PER PAT	2 2 3 3	se	ep	hm				TS	HUV QPV FFL	3 1 1		py		lm		HUVpy QPVpy	
VAct f P m	VAct					2.0	0.2	0.0	PR IA PH ZE	PER PER PER VNS	2 2 2 4	se	qz	ep				TS	HUV FFL	3 2		lm				HUV	4
VAat	VAat	BXC		HUV	6	2.0	0.2	0.0	HF PR EP PH	PER PER PER VNS	2 2 4 2	ep	ch	qz				TS	HUV SXV QPV FFL	4 1 1 1		py		cp		HUV SXV|pycp QPVpycp	4 0.5 0.2
VAct fh P m	VAct	BXc		HUV	8	2.0	0.2	0.0	HF PR EP PH	PER PER PER VNS	2 2 4 2	ep	ch	qz				TS	HUV SXV QPV FFL	4 1 1 1		py		cp		HUV SXV|pycp QPVpycp	4 0.5 0.2
VApl f P mc R	VApl					2.0	0.1	0.0	HF PR IA EP PH	PER PER PER PAT PER	1 2 1 3 3	se	qz	ep		bi		TS									

most → least

most → least

paired



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

Scale	Plot Date	Sheet
1 : 44131.14	21-May-2025	1 of 1
	Plot File: Vizex	

1000 0 1000m

URUSAR PROJECT
TRACK LOG & WAYPOINTS
SJM MAY 2025

HAYASA METALS

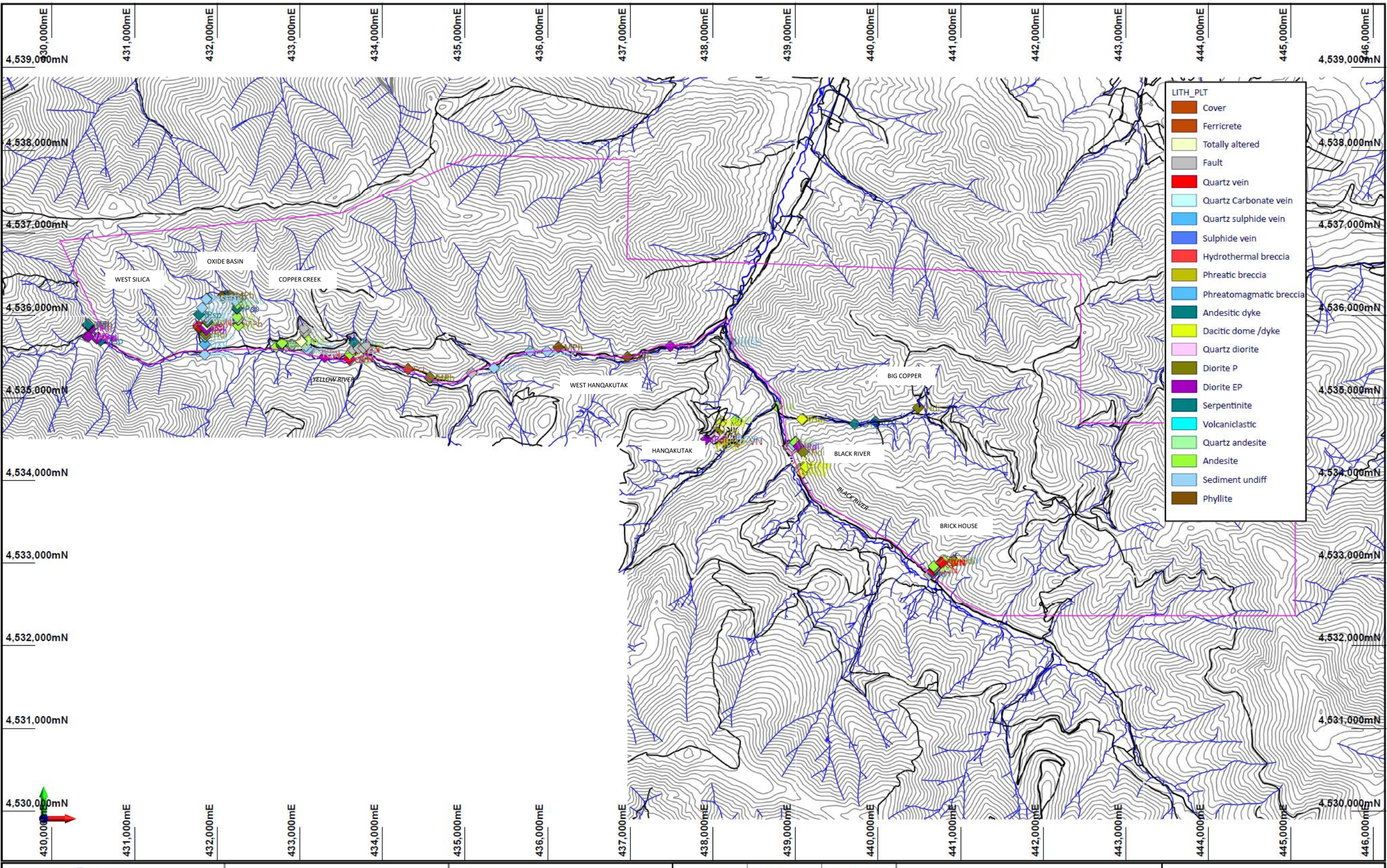
FIELD DATA

WPT	EAST_84	NORTH_84	RL	SUBSET	FIELD NOTE	STYP	LITH	LITH_PLT	BXT	BXC	BXM	BM%	SI	FE	CL	mt	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	A7	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	M6	VTYP	VN%
001																																					
002	430426	4535739	2086	N351	WEST SILICA Intrusive or volc?	FLGR	IG / IPdi EP m	IPdi	BXi	VA	IP	90	0.5	0.3	0.0	0.0	SI PR SE EP	BXC PER PAT PAT	3 3 2 1	ch		se		ep	il	lx	OX	CLT FFL	1 2					hm	lm		0
003	430424	4535739	2087	N351	Bleached	FLGR	TO / IG / VAq PE m	VAq					0.9	1.3	2.9	0.0	SE SC	PER PER	2 5	cl			se	qz			TS	DSM FFL	2 2				py	hm	lm		0
004	430426	4535743	2089	N351		FLGR	IG / IPdi PE mf	IPdi					0.8	0.1	0.0	2.9	PR SE SI	PER GMS GMS	2 1 2			se	qz	ch	il		OX	CLT	1					hm	lm		0
005	430427	4535743	2089	N351	Gossan	OCGR	TO / IG / VAq ?	VAq	BXc	TO / IG	VNS	10	2.9	0.3	0.2	0.0	PR PH	PER PER	1 4	se	qz			ch	il	lx	TS	QVN DSM CLT FFL	3 2 3 2		py			lm	hm	GSV_py	10
006	430486	4535841	2103	N351		OCGR	TO / IG	TO	BXc				2.2	0.3	0.0	0.0	PR CH SI	PER PER PER	2 4 3	ch		qz	se	lx			TS	DSM FFL	3 1			py			hm		0
007	430480	4535846	2104	N351		FLGR	TO / IPdi EP mf	IPdi	BXi	TO / V	IP	97	1.3	1.4	0.9	0.0	SP SI SE IL SC	PAT PER PER PAT PER	1 2 2 2 2	cl		qz	il	sp			OX	DSM FFL	2 2			hm	lm				0
008	430442	4535866	2110	N351		FLGR	TO / IG / IPdi EP m	IPdi	BXj	TO / IG	HMV	15	1.7	2.4	2.6	0.0	PH CS	PER PER	4 4	cl	il	qz	se				OX	DSM HMV	3 4	hm	lm					HMV	15
009	430442	4535868	2111	N351	Skarn?	FLGR	TO / IPdi EP m FB	IPdi	BXj	TO / IG	VNS	25	4.2	0.0	0.7	0.0	PT SE SI SK	PAT PER VNS PER	1 4 4 1	qz		se	kf				OX	QCV FFL	2 1						lm	WQV_ad QCV	15 5
010	430440	4535866	2111	N351		FLGR	TO / IP / IPdi?	IPdi	BXj	TO / IG	VNS	20	4.0	0.1	0.0	0.0	SE SI SI LH	PER PER VNS PAT	2 4 3 2	qz				se		ch	SX	QCXV QVN	4 2					py	cc	QXV_py GSV	12 8
011	430439	4535870	2114	N351		FLGR	TO / IP / IPdi?	IPdi	BXc	TO / IG	VNS		4.9	0.2	0.0	0.0	SE SI SI	PER PER VNS	1 5 3	qz				se	kf	lx	SX	CLT DSM QXV FFL					py			QXV_py	
012	430440	4535881	2115	N351		FLGR	VAq fq P m	VAq					0.0	0.2	0.0	0.0	PR SE	PER PER	3 1	ch				se			OX	FFL	1						lm		0
013	430441	4535886	2115	N351	Highly stressed rock	FLGR	MPh	MPh					1.0	0.1	0.0	0.0	HF PR	PER PER	4 3	ch							OX	nil									0
014	430441	4535885	2117	N351		FLGR	IPdi E c	IPdi					0.7	0.3	0.0	0.0	PR SE	PER PAT	3 3	se	ch						OX	CLT	2					hm			0
015	430441	4535886	2117	N351		FLGR	IDY f PA f	IDY					0.5	0.2	0.0	0.0	PR SE IL	PER PER PHN	2 1 2	ch		il		se			OX	CLT FFL	1 2				lm	mn	hm		0
016	430443	4535738	2098	N351		FLGR	IPdi fp E fm	IPdi					0.0	0.0	0.0	1.7	PR SE	PER PER	3 1	ch					se		OX	nil									0
017	430545	4535714	2088	N351	Slickensides serp SKN	FLGR	TO / IG / IPdi EP m	IPdi	BXf				3.9	0.0	0.0	0.0	PR PT SE SI SP	PER PAT PER PAT PAT	3 2 2 4 1	qz	kf	se	ch	sp			OX	nil									0
018	430564	4535726	2088	N351		FLGR	IPdi E m	IPdi	BXc				2.0	0.4	0.0	0.0	PR SE SI	PER PER PAT	4 3 2	ch	se			qz		lx	OX	FFL	1					hm	lm		0
019	430593	4535691	2082	N351		FLGR	IPsp f	IPsp					0.0	0.0	0.0	0.0	SP	PER	5	ch	sp						OX	nil									0
020	431852	4535520	1971	N352	OXIDE BASIN	OCGR	MSED B	MSED																													
021	431783	4535841	2050	N352	Contact	FLGR	SO / VA][IHdi E f	IHdi	BXc	TO	VNS	0.5	1.2	0.2	0.0	0.0	PR PT SE SI	PER PAT PAT VNS	3 1 2 2	ch	se	qz				lx	OX	DSM CLT SIV	1 2 1				hm	lm		SIV	0.5
022	431781	4535849	2052	N352		FLGR	TO / IG BX	TO	BXt	TO / IG	se cl	5	1.3	0.6	2.7	0.0	SE CS CG	PER PER BXM	3 5 1	cl	se		qz				TS	CLT FFL	1 2					lm	py		0
023	431780	4535853	2052	N352		FLGR	TO / IG / VA?	VA	BXj	TO / IG	VNS	15	2.9	0.2	0.7	0.0	SE SC LH SI	PER PER PAT VNS	2 4 1 2	qz	cl	se	su			il	TS	CLT QVN FFL	1 3 1			su		lm	py	CXQ_su_OCDT	15
024	431779	4535865	2057	N352		MIDP	QVN	QVN					4.9	0.3	0.0	0.0	SI	VNS	5	qz		su					OX	QVN	5		su					SGQ_su AMQ	98 2
025	431847	4535675	1987	N352	ADIT - covered																																
026	431853	4535645	1985	N352	dump end sample	MIDP	QXV	QXV					5.0	0.1	0.0	0.0	SI LH	VNS PAT	5 3	qz							OX	QXV	5		py					WQV_py	100
027	432717	4535611	1911	N353	COPPER CREEK adit 10m above	SCGR	TO / IG / V?	VA	BXc	TO / IG	VNS	3	1.7	0.4	0.0	0.1	PR SE SI	PER PER VNS	3 2 1	ch		se		qz		lx	SX	DSM QVN FFL	2 1 1				py	hm		WQV_py	3
028	433109	4535692	1920	N353	road cut	OCGR	TO / IG / VA?	VA	BXj	TO / IG	SXV	15	0.7	0.3	0.3	0.0	PR SI	PER PER	4 3	ch	se				cl		SX	CLT SXV	4 3	py	cp		cc			SXV_cppy	15
029	433079	4535624	1905	N353	Deformed seds	MIDP	TO / MSd	MSED	BXj	TO	QVN	15	4.9	0.1	0.0	0.0	HF PT SI SI	PER PAT PER QVN	5 2 4 2	qz			kf	ch			SX	QVN FFL	3 1						mc	WQV_kf	15
030	433160	4535534	1892	N353																																	
031	433596	4535468	1866	N354	GOLDEN VEIN																																
032	433699	4535529	1867	N354		OCGR	TO / IG / BXv	TO	BXc	BXc			2.8	0.7	0.3	0.0	SE SC	PER PER	4 3	se		qz	il				OX	CLT FFL	2 2				hm	lm	go		0
033	433827	4535533	1859	N354																																	
034	433848	4535524	1859	N354																																	
035	433857	4535524	1859	N354																																	
036	432257	4535790	1965	N352	OXIDE BASIN park																																
037	432261	4535869	1977	N352		OCGR	TO / IG / VA P m	VA	BXc	TO / VA	SIV	0.5	1.9	0.5	0.2	0.0	PR SE SI	PER PER FRC	3 2 2	ch		se	qz	il			TO	SIV FFL	1 2				hm	lm	py	SIV	0.5
038	432259	4535891	1975	N352		OCGR	MPh	MPh					0.7	0.5	1.5	0.0											OX								lm		
039	432257	4535938	1980	N352	fault?	OCGR	TO / IG?	TO	BXf				1.2	0.7	0.7	0.0	SC	PER	5																		
040	432260	4535944	1981	N352	breccia	OCGR	FLT	FLT	BXf																												
041	432254	4535957	1979	N352	end breccia O/C																																
042	432246	4535973	1982	N352		OCGR	TO / IG / VAf PA f	VA	BXc				0.7	0.8	0.0	0.0	PR SE	PER PER	3 2	ch	qz		se		il		OX	FFL	2				hm	go			0
043	432243	4536073	1999	N352	IPsp ck float	OCGR	IPdi E m	IPdi					1.1	1.7	0.6	0.0																					
044	432245	4536080	2003	N352	IPsp +40m wide	OCGR	IPsp	IPsp																													
045	432247	4536133	2019	N352	IPdi ? End Feox ck stain	OCGR	TO / IG VA f P	VA					0.0	0.4	0.0	0.0	PR	PER	4	ch		ep		se			OX	CLT FFL	1 1					hm			0
046	432228	4536168	2022	N352	Limestone ck float	FLGR	SLs	MSED																													
047	432159	4536239	2036	N352	Folded MPh B?	OCGR	MPh	MPh	BXc	MPh	SIV	0.7	0.5	0.0	0.0	0.0	SI	VNS	1					qz			OX	SIV	1							SIV	0.7
048	432095	4536224	2054	N352		OCGR	IPsp	IPsp																													
049	432079	4536206	2065	N352	Compas problems!	OCGR	FLT	FLT	BXf																												
050	432059	4536219	2076	N352		OCGR	MPh	MPh																													
051	431913	4536200	2149	N352	VA f ? Bed?	OCGR	MSsc	MSED					0.4	0.2	0.0	0.0	HF PR SE	PER PER PER	4 3 1	ch				se			OX	FFL	1						hm		0
052	431877	4536195	2176	N352	MSED / V D? folded	OCGR	MSED?	MSED	BXc	MSED	SIV	0.3																									
053	431872	4536189	2183	N352		OCGR	MSs	MSED	BXc	MSs	VNS	4	1.5	0.4	0.0	0.0	HF PR SI AR	PER PER VNS FRC	4 2 1	ch			se	qz			OX	QVN FFL CFL	2 1 2				hm		go	WQV	4
054	431822	4536083	2211	N352	ridge crest SIV	OCGR	MSs	MSED	BXc	MSs	VNS	0.4	1.7	0.3	0.7	0.0	HF PR SI AR	PER PER VNS FRC	4 3 1 2	ch			se	qz	cl		OX	QVN CFL	1 1					hm	go	WQV	0.4
055	431784	4536005	2185	N352		SCGR	MSs][IPsp	IPsp	BXj	MSs	LMV	15	2.0	1.7	0.0	0.0	HF SE SI	PER PER PER	3 4 3	qz			se				OX	BXM	3	hm				so			0
056	431832	4535990	2176	N352		OCGR	TO / MSs	MSED	BXj	TO / MSs	VNS	20	3.4	2.8	0.0	0.0	HF SI SE	PER VNS PAT	4 4 1	qz				se			OX	QVN PEM FFL	3 3 2	hm	lm					WQV_hm	20
057	431872	4535975	2171	N352	leached struct N-S trend?	OCGR	FLT	FLT	BXf																												
058	431885	4535952	2160	N352		SCGR	TO / MQz	MSED	BXc				5.0	0.6	0.0	0.0	HF	PER	5	qz							OX	FFL	2				hm				0
059	431883	4535936	2156	N352	TReactive seds wk GOS	OCGR	TO / IG / VA?	VA	BXc				3.6	0.2	0.0	0.0	PT SE	PER PER	3 2	kf	qz		se		cl	lx	SX	DSM CLT	1 1					py			0
060	431884	4535930	2152	N352																																	
061	431886	4535917	2143	N352		SCGR	IDYdi fh P fm	IDY					0.0	0.2	0.0	1.2	PR PT	PER GMS	2 1	ch			kf	ep			OX	nil									0
062	431884	4535912	2138	N352	sild margins	OCGR	IDYdi fh P mf	IDY					0.0	0.2	0.0	1.2	PR PT	PER GMS	2 1	ch			kf	ep			OX	nil									0
063	431886	4535910	2137	N352	other margin	SCGR	QVN][TO/IG	QVN	BXj	TO / IG	QVN	90	4.9	1.1	0.5	0.0	SC SI	BXC BXM	4 5	qz			cl	se			OX	QVN	5				hm			WQV_OCDT	90
064	431878	4535877	2122	N352	dyke ends abruptly	OCGR	TO / IG	TO	BXc	TO / IG	VNS	25	1.0	1.0	2.4	0.0	CS SI	PER VNS	5 2	qz	cl				al		OX	QHV	2				hm	lm		QHV	2.5
065	431850	4535850	2098	N352	e-w contact	OCGR	IPdi E mc	IPdi																													
066	431871	4535818	2084	N352	contact	OCGR	IPdi E mc][MSED	IPdi																													
067	431861	4535767	2049	N352	N-S trend dyke?	OCGR	IHdi E f	IHdi					0.7	0.0	0.0	0.1	PR SE	PER PER	3 1	ch			se		lx		OX	nil									0
068	431857	4535742	2034	N352		OCGR	MSED	MSED					0.2	1.4	1.7	0.0																					
069	431857	4535731	2026	N352	AR footwall ? CG	OCGR	TO / IG	TO	BXf	TO / IG	CG	5	0.9	0.0	1.0	0.0	PT SE SI CG	BXC BXC BXC BXM	2 4 1 1	se			kf	qz	cl		OX	nil									0
070	433097	4535579	1894	N353	COPPER CREEK	OCGR	MPh / MSs	MPh					1.5	0.0	0.0	0.0	HF SE	PER PER	5 2		se			cl	qz		OX	nil									0

WPT	EAST_84	NORTH_84	RL	SUBSET	FIELD NOTE	STYP	LITH	LITH_PLT	BXT	BXC	BXM	BM%	SI	FE	CL	mt	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	A7	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	M6	VTYP	VN%
071	433098	4535579	1895	N353	Carbonate rocks	OCGR	SLs / MSs c	MSED					2.5	0.2	0.0	0.0	PR SE	PER PER	2 2	qz	se				ch		OX	FFL	1						lm		0
072	433114	4535576	1894	N353	Resorbed QE IDY	OCGR	IHdiq fhq P mc	IHdiq					1.1	1.5	0.1	0.0																					
073	433126	4535564	1892	N353	stg fract	OCGR	MSED	MSED					4.8	0.4	0.0	0.0	SI SI SE	BXC BXM PAT	5 4 2	qz			se	il	kf		TR	QVN QXV	1 5			py	lm			WQV QXV	20 80
074	433202	4535531	1882	N353		SCGR	TO / BXV	QVN	BXj	WQV	QXV	80	4.0	0.4	0.3	0.0	SC SI	PER PER	1 5	qz			se	cl	il	kf	OX	CLT	1						lm		0
075	433202	4535531	1882	N353	Sheared sandstone?	FLGR	TO / IG	TO	BXf																												
076	433305	4535491	1874	N353	IPdi float along road	FLGR	IPdi	IPdi																													
077	433593	4535487	1859	N354	GOLDEN VEIN adit dump																																
078	433611	4535456	1852	N354		MIDP	TO / IG][QXV	QXV	BXj	TO / IG	QXV	75	4.9	0.0	0.2	0.0	SE SI SI	BXC BXC VNS	3 2 5	qz			se				SX	DSM QXV	2 5		py			cc		QXV_pycc	75
079	433612	4535455	1851	N354	BXp ??	MIDP	TO / BX	BXp	BXp	SI / KF	se qz	60	4.8	0.0	0.3	0.0	PT SE SI SI LH	BXC PER PER VNS PAT	3 4 3 4 2	qz	se		kf				SX	DSM CLT QVN	4 5 3	py						GSV_py WQV_OC	20 30
080	433603	4535467	1854	N354		MIDP	QVN	QVN	BXf	QVN	CG	5	4.7	0.0	0.5	0.0	SI CH CG	VNS CFL FRC	5 2 1	qz				cl	ch		SX	QVN	5			py				WQV_py	98
081	433631	4535495	1853	N354	DH platform??																																
082	433710	4535531	1855	N354	Adit entrance																																
083	433687	4535581	1875	N354	Adit dump massive SX																																
084	433685	4535579	1872	N354		MIDP	TO / IG][QVN	QVN	BXj	TO / IG	VNS	30	4.7	0.0	0.2	0.0	SE SI SI	PAT PER VNS	1 4 5	qz					se		SX	DSM CLT QXV	2 2 5	py	cp					GSV QXV	5 25
085	433684	4535576	1871	N354		MIDP	TO / IG][QXV	QXV	BXj	TO / IG	VNS	95	4.8	0.2	0.1	0.0	PT SE SI LH	BXC BXC BXM PAT	1 3 5 3	qz				ad	se		SX	DSM QXV	1 5	py						QXV_py	95
086	433684	4535576	1871	N354		MIDP	SXV	SXV					1.5	0.0	0.0	0.0	SI	VNS	3		qz						SX	SXV QXV	5 2	py				cp	cc	CXQ_pycp GSV_PY	93 7
087	433680	4535600	1877	N354	Ck O/C vein	OCGR	QVN	QVN																													
088	435358	4535357	1763		Calcic sandstone?	OCGR	SLs?	MSED																														
089	432791	4535660	1936	N353	COPPER CREEK	OCGR	TO / IG / VA	VA	BXc				3.5	1.2	0.0	0.0	SE SI	PER PER	4 2	se			qz				SX	DSM	2					py			0
090	432787	4535651	1930	N353	Sill ?	OCGR	IDY f P fm	IDY					1.5	0.0	0.0	2.0	PR PT SE	PER PAT PHN	3 2 1	ch				se	kf		SX	nil									0
091	432783	4535641	1924	N353	Subvert fault zone 15m wide	OCGR	FLT	FLT	BXf				0.4	0.8	4.0	0.0																					
092	432783	4535641	1924	N353	IDY? Flt margin	OCGR	TO / IG / VAct	VA					0.4	0.6	0.0	0.0	PR SE	PER PER	4 2	ch			se				OX	CLT FFL	1 2					hm	lm		0
093	432789	4535619	1912	N353	IHdiq?	OCGR	IDY f P m	IDY					0.5	0.1	0.0	0.0	PR SE	PER PER	4 2	ch		se			il	ep	OX	FFL	1					hm			0
094	432845	4535623	1914	N353	fault zone CG alt	OCGR	FLT	FLT	BXf				1.5	0.6	2.7	0.0	SE CG	BXC BXM	3 3	cl			se	qz			OX										
095	432890	4535633	1921	N353	sub horiz struct	OCGR	VA?	VA																													
096	432901	4535637	1922	N353	Start E-W struct	OCGR	FLT	FLT	BXf				1.7	1.9	0.7	0.0																					
097	432913	4535640	1925	N353	End E-W struct	OCGR	FLT	FLT	BXf																												
098	433024	4535683	1944	N353	shallow dip to S	OCGR	TO / IG / VA?	VA	BXj	TO / IG	GOS	70	2.9	4.7	0.2	0.0	SE SI	BXC BXM	2 4			se	qz				OX	GOS HMV	5 3	hm		lm				HMV	20
099	433023	4535679	1944	N353	Silica flt fill	OCGR	TO / IG	TO	BXj	TO / V SV	QVN	30	4.7	0.3	0.5	0.0	LH SV SI	PER PER VNS	454	qz				cl	se		OX	QVN FFL	4 1						lm	SGQ_OC	30
100	433091	4535707	1906	N353	Adit entrance E-W flt	OCGR	FLT	FLT	BXf	AMQ																											
101	433068	4535790	1918	N353	Narrow flts	OCGR	FLT	FLT	BXf																												
102	433053	4535838	1926	N353	IPsp ck float	OCGR	FLT	FLT	BXf																												
103	433095	4535749	1909	N353	Drill platform?																																
104	433611	4535526	1874	N354	GOLDEN VEIN flt	OCGR	VAct f P mf	VA	BXf	VA?	CG						PR SC CG	BXC BXC BXM	2 3 3																		
105	433645	4535582	1887	N354		OCGR	FLT	FLT	BXf		CG																										
106	433645	4535583	1887	N354	ADIT ??																																
107	433664	4535664	1897	N354	IPps ck float	FLGR	IPsp	IPsp																													
108	433718	4535594	1898	N354	30m width CG flt struct	OCGR	FLT	FLT	BXf		CG SG																											
109	433775	4535599	1902	N354	end flt zone	OCGR	FLT	FLT	BXf		CG SG																											
110	433815	4535636	1914	N354																																	
111	433815	4535636	1914	N354	Sheared late flt volc?	OCGR	VAct	VA	BXf																												
112	433814	4535636	1914	N354		OCGR	FLT	FLT	BXf	IPsp MPh	qz	85	4.8	0.1	0.0	0.0	CH SP SI	BXC BXC BXM	4 5 5	qz				ch	sp		OX	QVN	5						hm	SGQ	85
113	434317	4535346	1820		YELLOW RIVER ROAD	OCGR	Fct	Fct	BXs	TO / IG	hm SSd	40	3.2	3.7	0.3	0.0	SE SI SI	BXC BXC BXM	2 3 4	qz				se			OX	BXM	5	hm			go				0
114	434316	4535345	1821		fault c Fct	OCGR	Fct	Fct	BXs	TO / IG	hm SSd	60	3.5	3.5	0.0	0.0	SE SI SI	BXC BXC BXM	3 2 2	qz					se		OX	BXM	5	hm			go	lm			0
115	434580	4535243	1800			FLGR	IHdi EP fm	IHdi					2.1	0.0	0.0	1.4	PR PT SE	PER PER PER	2 3 2	kf	qz	ch		se			OX	nil									0
116	434585	4535240	1798		Calc sed deformed	FLGR	MPh	MPh					0.0	0.0	0.0	0.0	SE CB	PER PER	2 2		se	ca					OX	nil									0
117	434929	4535192	1783		Change geology - mag faul inter																																
118	435087	4535297	1767		Struct	OCGR	FLT	FLT	BXf		SI																										
119	435313	4535349	1765		HMV float from hill																																
120	435796	4535560	1747		Carbonate rich sed	OCGR	MSs c / MPh	MSED					0.0	0.1	1.2	0.0	HF CS CB	PER PER PER	2 3 2			se	ca	il			OX	FFL	1						lm		0
121	436002	4535558	1752		Calci seds wk CBV	OCGR	MSs c	MSED																														
122	436139	4535610	1756		sub vert SCH	OCGR	MPh	MPh	BXc	MSs	CBV	15	0.0	0.0	0.0	0.0	HF CB	PER VNS	2 3	ca							OX	CBV	3							CBV	15
123	436976	4535491	1692		sub vert SCH	OCGR	MPh	MPh																													
124	437495	4535623	1657		sub horiz sill	OCGR	IPdi][SLs	IPdi																														
125	438313	4534496	1681	N355	HANQAKUTAK SX mullock	MIDP	TO / IG	TO					2.6	0.0	1.2	0.0	SC	PER	5	qz				cl		al	SX	DSM	2				py				0
126	438326	4534496	1681	N355	SX mullock int AA alt	MIDP	QXV	QXV	BXt				3.8	0.0	0.6	0.0	SI LH AA	PER PAT FRC	5 2 2	qz					dk	se	SX	QXV	5	py				cc		QXV_pycc	100
127	438311	4534467	1680	N355		MIDP	QVN BX	QVN	BXt				4.8	0.3	0.2	0.0	SI LH AA	VNS PAT	5 2	qz				cl	se		SX	QVN	5				lm			SGQ	100
128	438250	4534468	1702	N355		MIDP	TO / IG	TO	BXc				3.7	0.4	0.5	0.0	SC	PER	5	qz		cl	se				OX	PAT	2				hm	lm			0
129	438291	4534730	1733	N355	stg weath	FLGR	TO / IG / VAct	VA					0.5	0.8	0.0	1.0	PR	PER	3				ch		se		OX	FFL	1					hm	lm		0
130	438116	4534709	1786	N355	DA = Black River	OCGR	IHda fq P m FB	IHda	BXc				2.7	2.0	1.3	0.0	SE	PER	5	se			qz				OX	CLT FFL	2 3			lm	hm	go			0
131	438102	4534682	1791	N355	Breccia BXp ?	OCGR	IHda fq P mc	IHda	BXc	IH	HMV	3	1.0	1.3	2.2	0.0	SE CS SI	PER PER FRC	3 4 1	se	cl			qz			OX	CLT HMV	2 2			hm	lm			HMV_qz	3
132	438087	4534620	1794	N355	Breccia BXp ?	FLGR	TO / IG	TO	BXc	TO / IG	HMV OC	20	4.3	1.7	1.0	0.0	SC S2	PAT PER	2 5	qz			cl	se			OX	QHV	3		hm		lm			QHV	10
133	438067	4534579	1806	N355	Breccia BXp ?	OCGR	TO / IG f P mc	IHdi	BXj	TP / IG	QHV	40	3.4	2.2	1.7	0.0	SE SC SI SI	PER PER GMS VNS	2 4 3 3	qz		se	cl		il		OX	CLT QHV	2 4	hm		lm				QHV	40
134	438029	4534537	1815	N355	Breccia clast 4% large QE	FLGR	TO / IG fq P mc	IHdiq					4.3	0.7	0.0	0.0	SI LH AA	PER SEL	5 3	qz							OX	CFL FFL	2 1					lm			0
135	437930	4534496	1826	N355	Large float block	FLGR	IPqmz	IPdi					0.0	0.0	0.0	0.9	PR PT	PER PER	3 1		ch			ep	kf		OX	nil									0
136	438075	4534412	1759	N355	Breccia BXp ?	OCGR	BXp	BXp	BX3																												
137	438143	4534473	1751	N355	Phreatic BX ?	FLGR	BXp	BXp	BX1	TO / IG	SV rf	60	4.5	1.9	0.0	0.0	SV	PER	5	qz							OX	CFL	3		hm		lm				0
138	439722	4534680	1791	N358	BIG COPPER	SCGR	IDYan f P	IDY	BXi	PL - IHda FB	IDY f P	60	1.1	0.2	0.0	0.0	SI PR SE	BXC PER PER	2 3 2	ch	se		qz				OX	FFL	1								0
139	440470	4534862	1882	N358		FLGR	GOS	GOS	BXh	TO	GOS	50	3.4	3.0	0.0	0.0	SI SI	PER VNS	3 4	qz							OX	BXC QHV	2 5	hm		lm				QHV	50
140	440489	4534875	1886	N358		FLGR	TO / IG f P mf FB	IHdi					3.4	0.2	0.3	0.0	PR SE SC SI	PAT PER PER PER	1 4 3 2	qz	se		il	ch			OX	PHN FFL	1 2				hm	lm			0
141	439973	4534709	1703	N358		OCGR	IDYdi f P fm	IDY	BXi	PL MQz IHdiq	IDY	75	1.2	0.0	0.0	0.0	PR SE CH SI	PER PER PER BXC	2 2 3 2	ch		qz			se		SX	nil									0

WPT	EAST_84	NORTH_84	RL	SUBSET	FIELD NOTE	STYP	LITH	LITH_PLT	BXT	BXC	BXM	BM%	SI	FE	CL	mt	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	A7	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	M6	VTYP	VN%
142	439098	4534739	1713	N358		OCGR	IHdi f P	IHdi	BXi	PL MQz IHdiq	IDY	80	1.2	0.0	0.0	0.0	SE PR CH SI	BXC PER GMS VNS	2 2 3 2	ch		se	qz				SX	QCV	2							QCV	2
143	439082	4534739	1714	N358	Large resorbed QE	OCGR	IHda qf P c	IHda					1.0	0.0	0.0	0.0	PR SE	PER PER	3 1	ch				se			SX	nil									0
144	438211	4535699	1611		subvert BED	OCGR	SLs	MSED																													
145	438238	4535656	1613		subvert SCH	OCGR	MSh / MPh	MSED																													
146	438781	4534893	1650	N359		OCGR	VA ?	VA																													
147	438898	4534391	1665	N356	BLACK RIVER	Park																															
148	438909	4534416	1667	N356		OCGR	TO / BX / LH	QVN	BXj	TO / SX	SMV	60	5.0	0.0	0.0	0.0	S2 SI LH	PER VNS SEL	5 3 4	qz							SX	BXC QVN	5 4	py						GSV_NWK	35
149	438937	4534375	1672	N356		OCGR	QVN	QVN	BXc				5.0	0.3	0.1	0.0	SI LH	VNS PAT	5 2	qz							OX	QVN FFL	5 2				lm			SGQ	100
150	438925	4534379	1672	N356	SV struct 0.7m	OCGR	FLT	FLT	BXf		SV	100	5.0	1.8	0.0	0.0	SV	STR	5	qz							OX										
151	438923	4534390	1673	N356	Partial BX	OCGR	TO / IG	TO	BXt								SA	PER VNS SEL	5	qz	al						SX										
152	438922	4534409	1675	N356	Faulted	SCGR	TO / IHdi f P mf FB	IHdi	BXf				3.7	0.0	0.0	0.0	PT CH SI	PAT PER PAT	2 4 3	qz		ch			se		SX	REP SIV	4 1	py						SIV	0.5
153	438923	4534454	1676	N356	DCOL																																
154	438928	4534421	1679	N356	pit	OCGR	TO / MSd	MSED	BXc	TO	HMV	7	4.3	0.8	0.2	0.0	SI SC	PER PER	3 5	qz		se		cl			OX	DSM HMV	1 2				hm			HMV	7
155	438926	4534411	1679	N356	SG struct	OCGR	FLT	FLT	BXf		SG																										
156	438957	4534419	1698	N356		OCGR	TO / IG	TO	BXj	TO / IG	QVN	50	4.3	0.9	0.4	0.0	SE SC SI LH	BXC BXC VNS PAT	2 4 5 2	qz			se	cl			OC	QVN CFL	5 2			lm				WQV_DTOC	50
157	438958	4534415	1697	N356	pit																																
158	438963	4534408	1699	N356		OCGR	TO / IG	TO	BXf	TO	cl	20	1.7	0.0	2.5	0.0	SC AR CG	PER BXM STR	5 4 1	cl	qz			se			OX	nil									0
159	438967	4534417	1705	N356	pit																																
160	438977	4534427	1709	N356		OCGR	MQz	MSED	BXc	MQz	VNS	5	3.0	0.7	0.0	0.0	SE SI SI	PER PER VNS	1 2 3	qz		se					OX	PEM QVN FFL	2 2 1			hm			lm	GSV_NWV	5
161	438986	4534441	1713	N356	Spring / FLT ?																																
162	439009	4534455	1732	N356																																	
163	439003	4534456	1731	N356	IDY ? Narrow	OCGR	TO / VA?	VA					1.0	0.2	0.0	0.0	PR SE SI	PER PER PAT	2 1 2	ch		se	qz		ep		OX	FFL	1					hm	lm		0
164	439005	4534466	1729	N356	FLT BX 1.5m	OCGR	FLT	FLT	BXf																												
165	439035	4534416	1746	N356																																	
166	439043	4534410	1749	N356	dry volcs / int?	OCGR	TO / IG / IPdi E fm	IPdi	BXc				2.7	0.2	0.0	0.0	SK	PER	3	ep		qz		se			OX	FFL	2					hm	mn		0
167	439073	4534368	1751	N356	unknown	OCGR	SVcl?						2.9	1.5	0.0	0.3	SI	PER	2		qz						OX	PEM MNV	3 2			hm	mn			MNV	0.7
168	439096	4534340	1752	N356		SCGR	IHdi f PA f	IHdi					1.0	0.1	0.2	0.3	PR	PER	3	ch			se				OX	FFL	1						hm		0
169	439139	4534269	1757	N356	trench																																
170	439121	4534230	1757	N356	bleacxhed subcrop																																
171	439121	4534212	1759	N356	O/C cliff																																
172	439123	4534215	1759	N356	Large resorbed QE	OCGR	IHda fq P fm	IHda					2.7	0.8	0.0	0.0	SE SI	PER PER	2 3	qz			se				OX	CLT FFL	2 2			hm	lm				0
173	439131	4534188	1765	N356		OCGR	BXp	BXp	BX1	TO / IG f	TO / rf	60	4.8	2.7	0.0	0.0	SI SI	BXC BXM	5 4	qz				se	il		TO	BXC PER	2 4	lm		hm					0
174	439134	4534189	1767	N356	Large resorbed QE	OCGR	IHda qf P mc	IHda					4.7	0.7	0.0	0.0	SE SI LH	PAT PER PAT	2 4 1	qz			se				OX	FFL	2				lm	hm			0
175	439129	4534163	1769	N356		OCGR	IHda qf P mc	IHda					2.9	0.3	0.8	0.0	SE SI	PER PER	2 4	qz		se					OX	CLT	2				hm	lm			0
176	439086	4534089	1718	N356	trench - digger	OCGR	IHda qf P mc FB	IHda	BXc				0.8	1.9	1.3	0.0	SE CS	PER PER	2 4	cl	qz		se				OX	CLT FFL	2 2			hm	lm				0
177	439079	4534094	1715	N356	trench - digger	OCGR	IHda qf P mc	IHda					3.0	0.2	0.0	0.0	SE SI	PER PER	2 3	qz		se				cl	TS	CLT FFL	2 1				py	hm			0
178	439061	4534120	1715	N356	Maj fault 3m	OCGR	FLT	FLT	BXf		SC CS																										
179	439055	4534138	1713	N356	start sulphidic																																
180	439055	4534136	1713	N356	Breccia struct	OCGR	IHda fq P m FB	IHda	BXi	IG f	IHda	75	3.6	1.7	0.5	0.0	SE SI	BXC BXM	3 4	qz			se				OX	CLT FFL	2 3			lm			hm		0
181	439028	4534185	1698	N356	CS struct	OCGR	TO / IG	TO	BXc				4.2	1.1	0.0	0.0	SE SI	PER PER	1 4	qz					se		OX	FFL	2				lm	hm			0
182	439011	4534212	1686	N356	Adit																																
183	438951	4534359	1684	N356	Struct 2.5m	OCGR	TO / IG / FLT	FLT	BXf				1.9	0.0	3.0	0.0	CS CG	PER PAT	5 2	cl				qz			OX	nil									0
184	440148	4533259	1761	N357	alt float blocks																																
185	440673	4532874	1821	N357	BRICK HOUSE	OCGR	IDYdi f P f	IDY					0.2	0.3	0.2	0.0	PR CH IL	PER PER PHN	2 3 1	ch				il			OX	PER FFL	1 2				mn	lm			0
186	440662	4532901	1825	N357	Breccia mnox	OCGR	TO / IG / FLT	FLT	BXj	TO / IG	QXV	15	2.1	0.5	1.8	0.0	SE SC SI	PER PER VNS	3 4 4	qz		cl	se				TS	QXV FFL	3 1				py	hm		QXV	15
187	440676	4532911	1836	N357	BMV brown?	OCGR	TO / IG][QVN	QVN	BXh	TO / IG	QVN	70	4.7	1.7	0.0	0.0	SI SI	BXC BXM	5 5	qz					cl		OX	WQV	5					lm	hm	WQV	70
188	440696	4532928	1848	N357	Start struct STH	OCGR	VA	VA									PR																				
189	440698	4532933	1850	N357	Breccia zone	OCGR	FLT	FLT	BXf		SC CS																										
190	440691	4532937	1852	N357	Breccia zone	OCGR	FLT	FLT	BXf		SC CS																										
191	440681	4532949	1856	N357	Volcs	OCGR	TO / IG	TO					1.2	1.4	2.4	0.0	SE CS SI	PER PER PAT	2 4 3	cl			qz		se		OX	DSM	5	py		lm		hm			0
192	440679	4532956	1858	N357	End struct NTH	OCGR	VA f p m	VA					0.1	0.0	0.0	0.5	PR	PER	3	ch				se			OX	nil									0
193	440744	4532989	1865	N357	pit																						OX	QVN CFL	5 2			lm				WQV_DT	100
194	440766	4533003	1872	N357	20cm QVN	OCGR	QVN	QVN					5.0	0.4	0.0	0.0	SI	VNS	5	qz							OX	QVN FFL	5 1					lm		WQV_DT	100
195	440773	4533005	1875	N357	5cm QVN	OCGR	QVN	QVN																												SAQ	
196	440805	4533022	1869	N357	Stg weathering	OCGR	TO / VAct	VA					0.0	0.1	0.0	0.2	PR	PER	2		ch			se			OX	nil									0
197	440849	4533011	1866	N357	SA alt FLT BX	OCGR	FLT	FLT			SA						SA	STR	3	qz			al	cl			OX										
198	440852	4533009	1866	N357	SAQ SGQ CXQ blocks	OCGR	TO / IG	TO	BXj	TO / IG	VNS	10	2.9	0.5	1.7	0.0	SE SI SI	PER PER VNS	4 3 2	se	qz						OX	QVN FFL	2 2				lm		WQV_OC	10
199	440892	4533007	1867	N357	SAQ vein float	FLGR	TO / IG	TO					3.9	0.3	1.3	0.0	SE SC	PER PER	3 5	qz	se				cl		OX	FFL	2				lm				0
200	440924	4533028	1869	N357	SA alt struct	OCGR	TO / IG	TO					4.2	0.4	0.8	0.0	SE SC	PER PER	2 5	qz		se					OX	FFL	2				hm	lm			0
201	440920	4533025	1869	N357		OCGR	TO / IHfq P m	IHdi					0.5	0.7	0.0	0.0	PR SE	PER PER	2 3	se			ch		qz		OX	FFL	2				lm		hm		0
202	440965	4533051	1863	N357	Int SC CS alt qvn clasts	OCGR	TO / IG	TO	BXj	TO / IG	QVN	15	4.0	0.2	0.0	0.0	SC SI SI	BXC PER VNS	2 5 3	qz				se			OX	QVN	3					lm		WQV_OC	15
203	440966	4533033	1858	N357	N-S trending QVN	OCGR	QXV	QXV					3.9	0.2	0.0	0.0	SI	VNS	5	qz							SX	QXV	5	sp		cp		py	ga	QXV_spcppyga	100
204	440623	4532856	1802	N357	Structure x road +30m	OCGR	FLT	FLT	BXf																												

LITHOLOGIES



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

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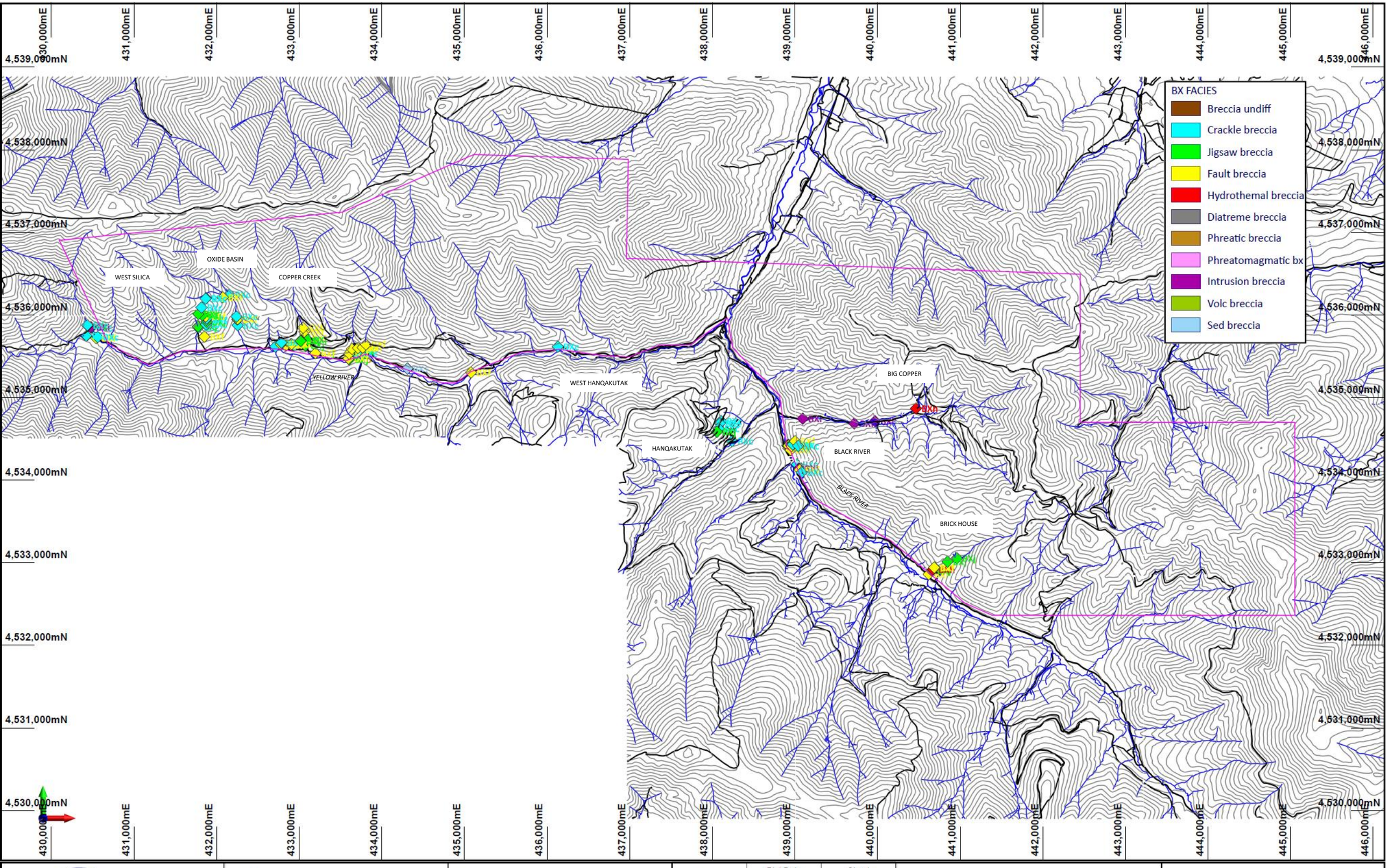
URUSAR PROJECT
N35_RGEOL_QL LITH_PLT
SJM MAY 2025

HAYASA METALS

BRECCIA FACIES



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Notes:
DATUM - WGS84
Contours 25m

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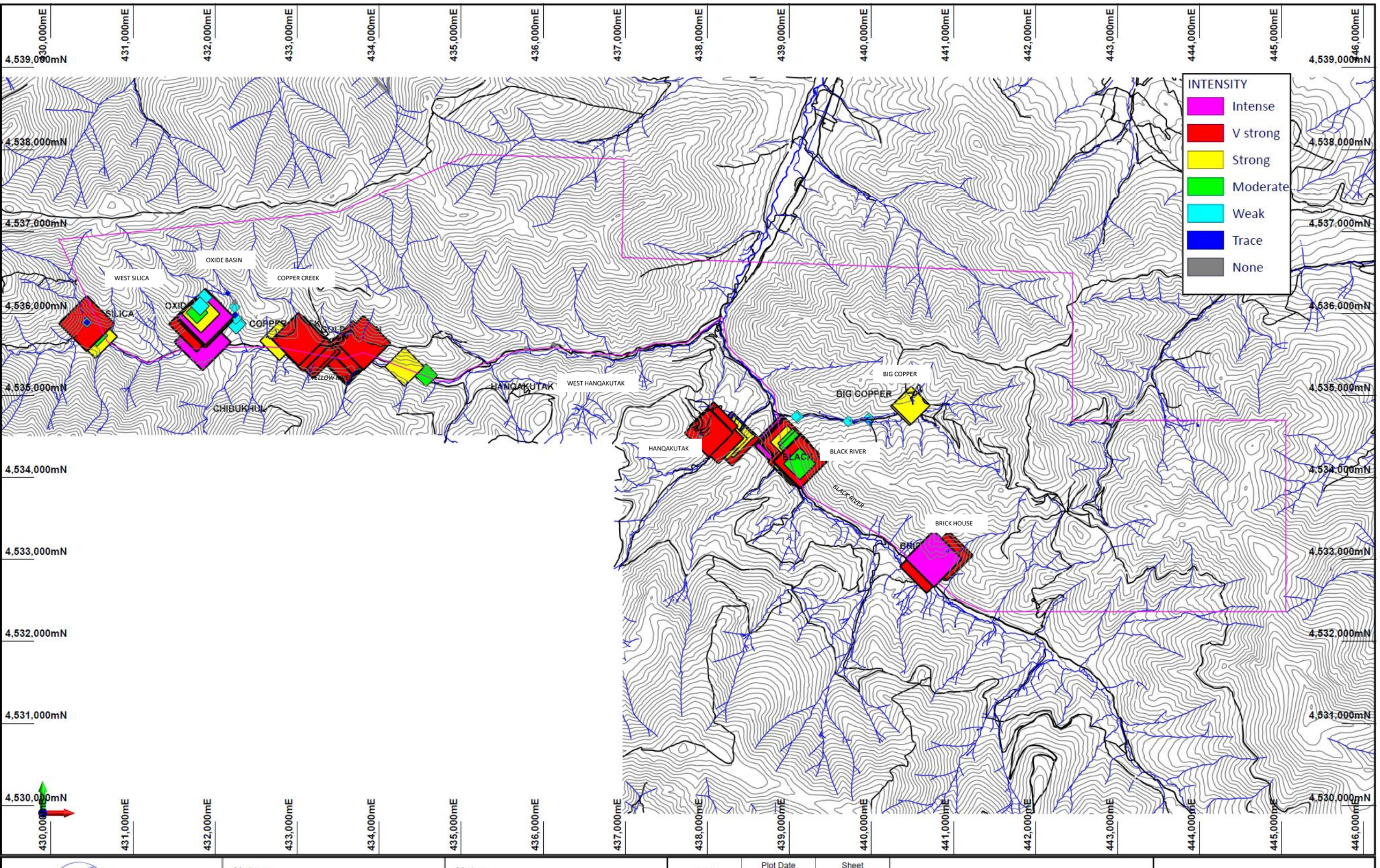
URUSAR PROJECT
N35_RGEOL_QL BXT
SJM MAY 2025

HAYASA METALS

SI INDEX



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

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	Plot File: Vizex	

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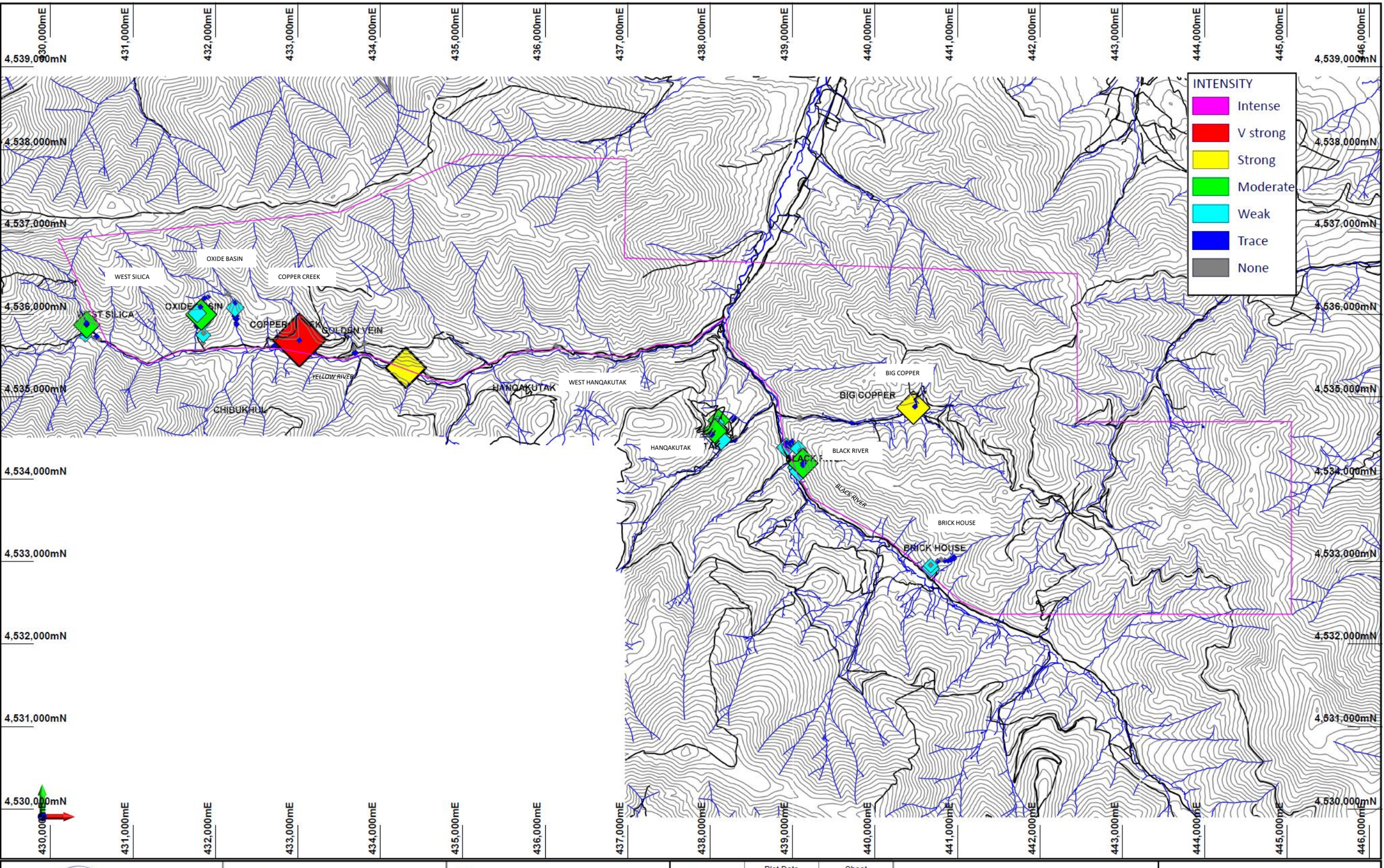
URUSAR PROJECT
N35_RGEOL_QL SI INDEX
SJM MAY 2025

HAYASA METALS

FE INDEX



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

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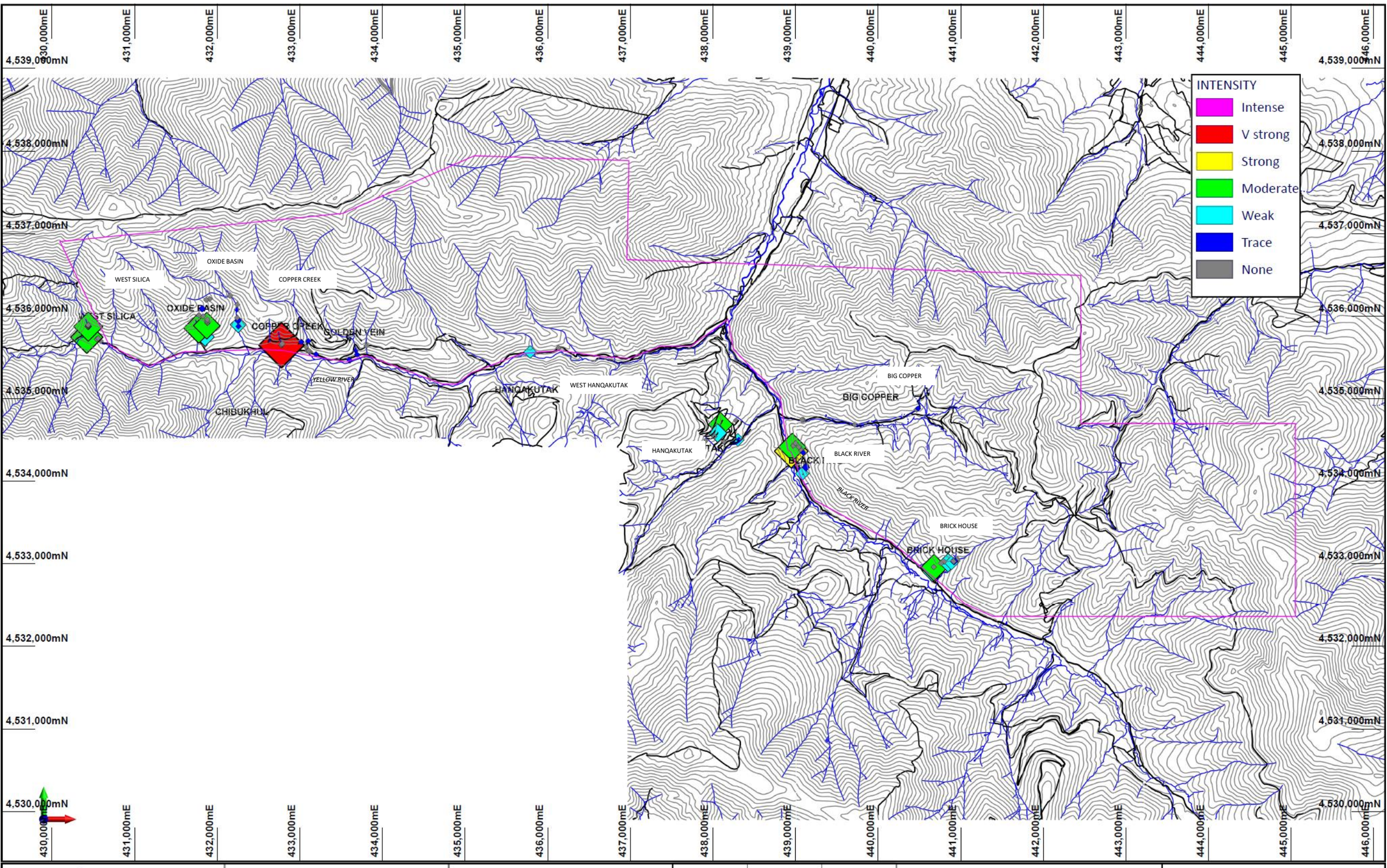
URUSAR PROJECT
N35_RGEOL_QL FE INDEX
SJM MAY 2025

HAYASA METALS

CL INDEX



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

Scale	Plot Date	Sheet
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	Plot File: Vizex	

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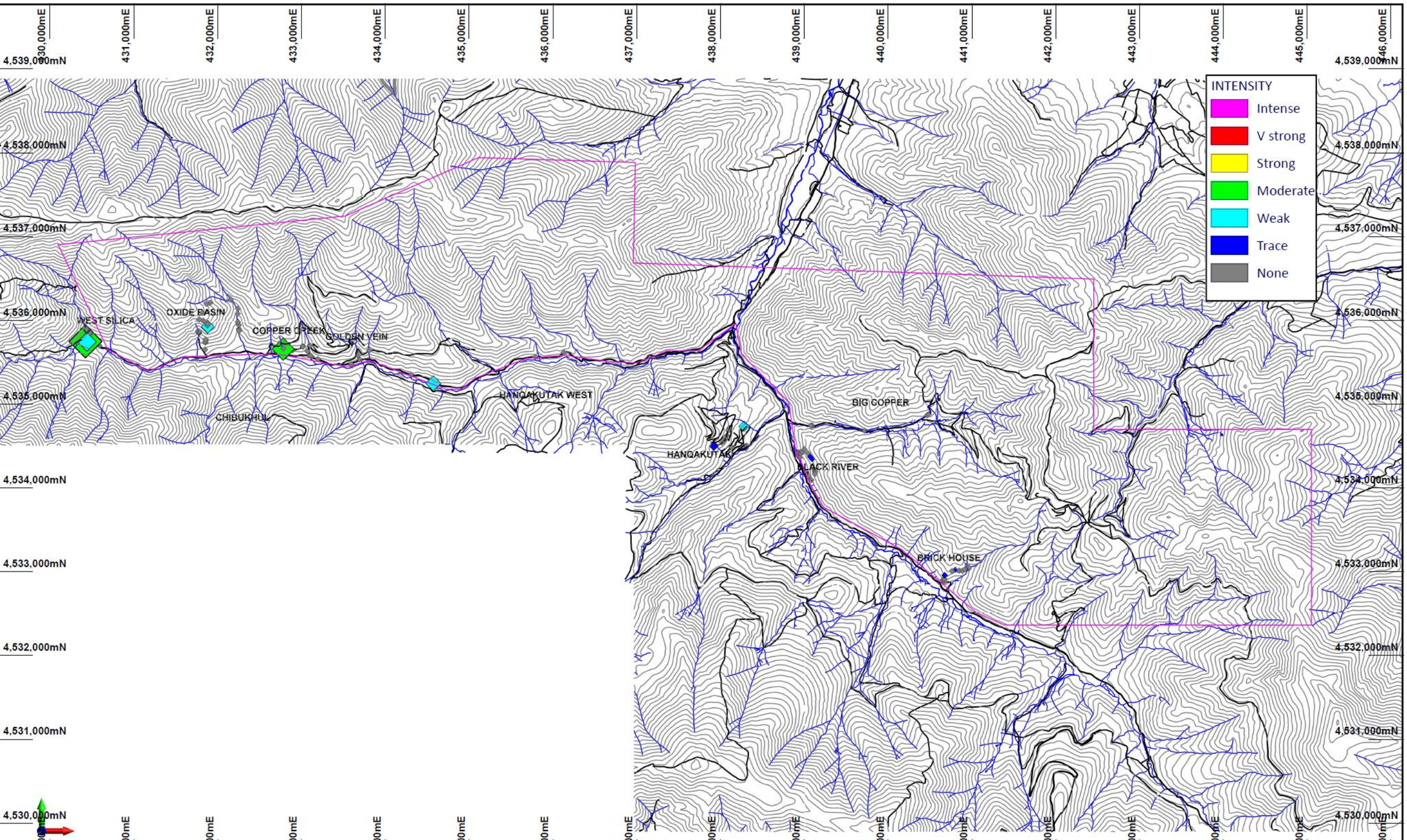
URUSAR PROJECT
N35_RGEOL_QL CL INDEX
SJM MAY 2025

HAYASA METALS

MAGNETITE INDEX



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

Scale	Plot Date	Sheet
1 : 44131.14	21-May-2025	1 of 1
	Plot File: Vizex	

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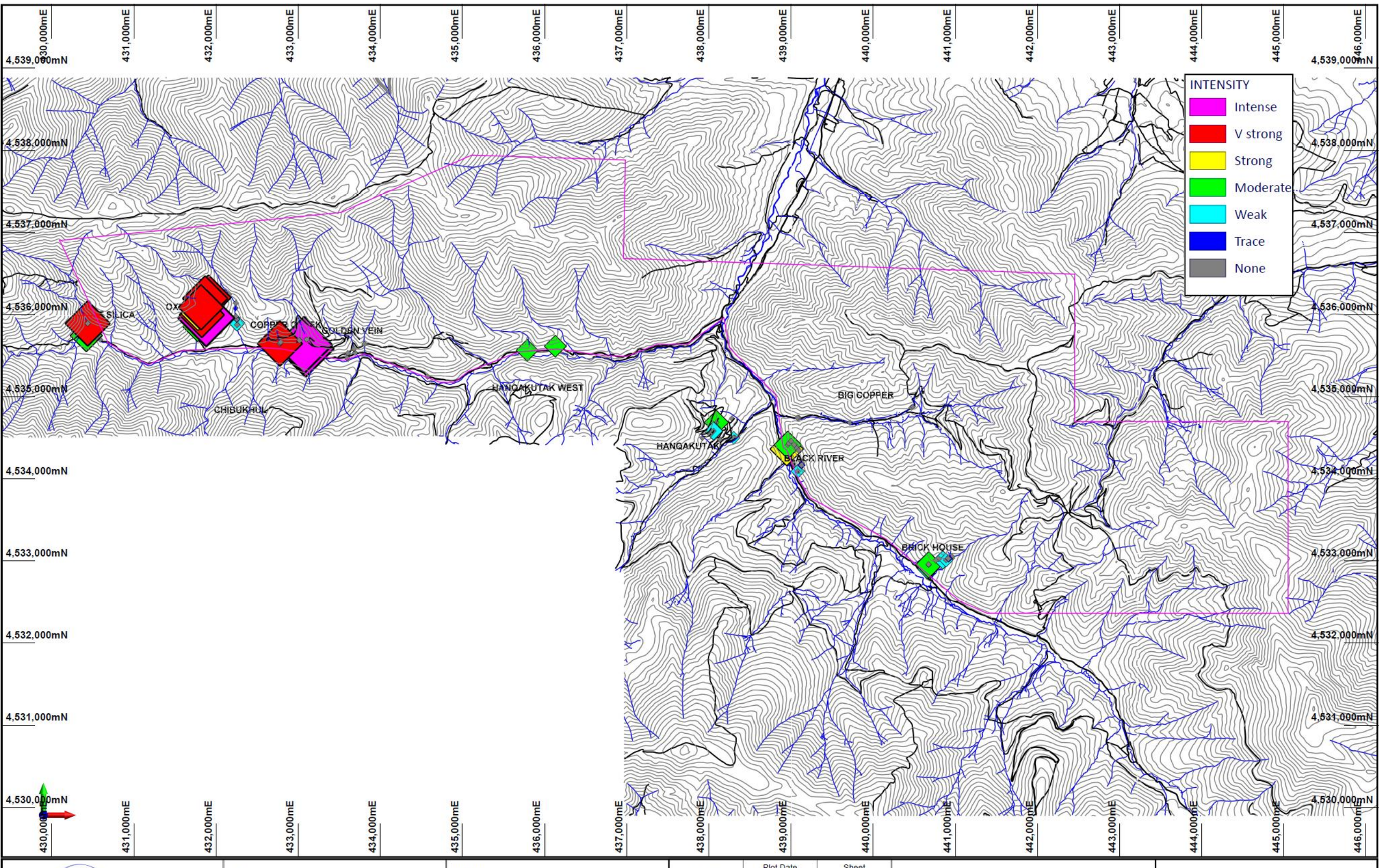
URUSAR PROJECT
N35_RGEOL_QL MT INDEX
SJM MAY 2025

HAYASA METALS

PROGRADE - HORNFELS



Simon J Meldrum

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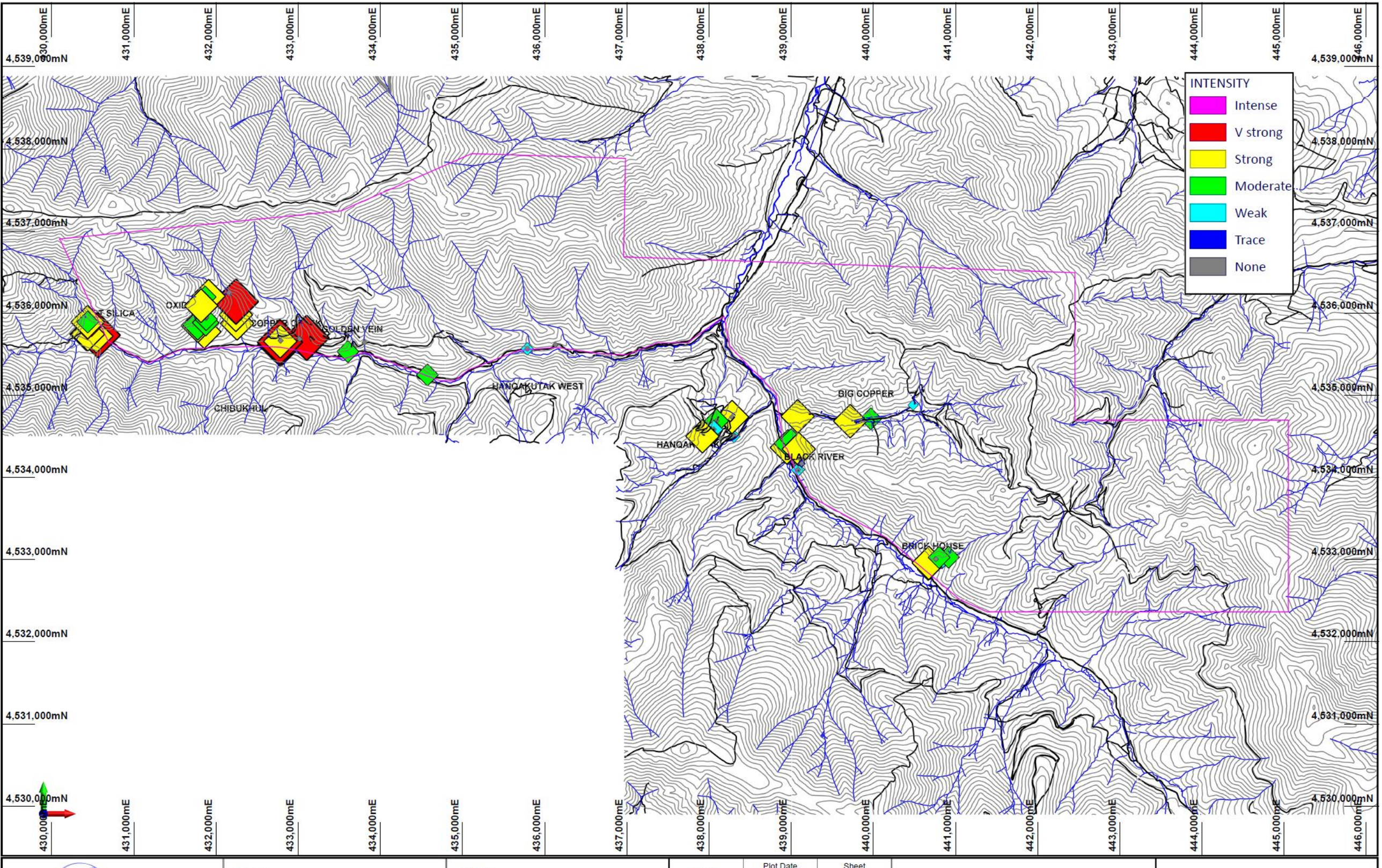
URUSAR PROJECT
N35_RGEOL_QL HF
SJM MAY 2025

HAYASA METALS

PROGRADE – PROPYLITIC



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

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	Plot File: Vizex	

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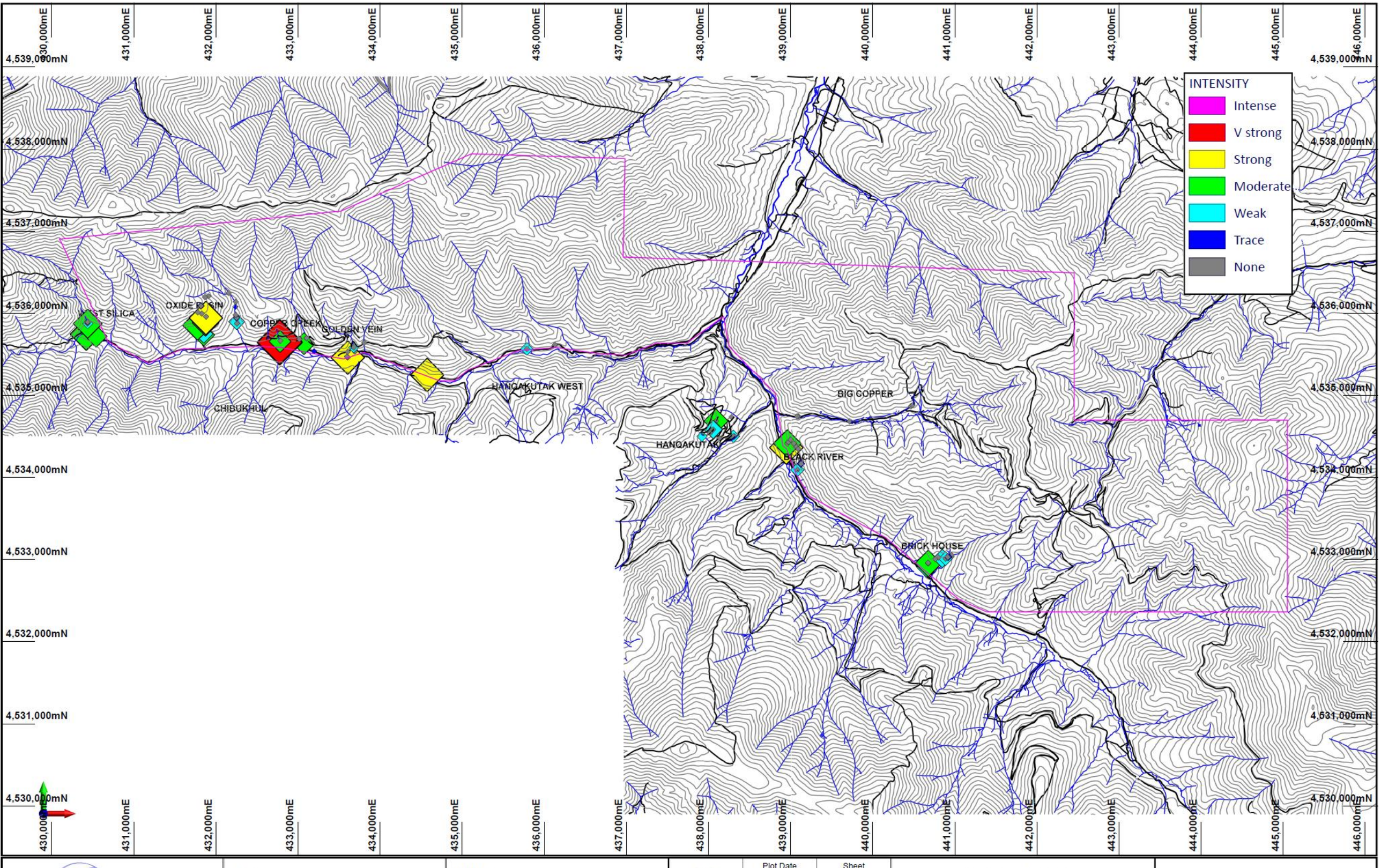
URUSAR PROJECT
N35_RGEOL_QL PR
SJM MAY 2025

HAYASA METALS

PROGRADE - POTASSIC



Simon J Meldrum

Notes:
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Contours 25m

Notes:

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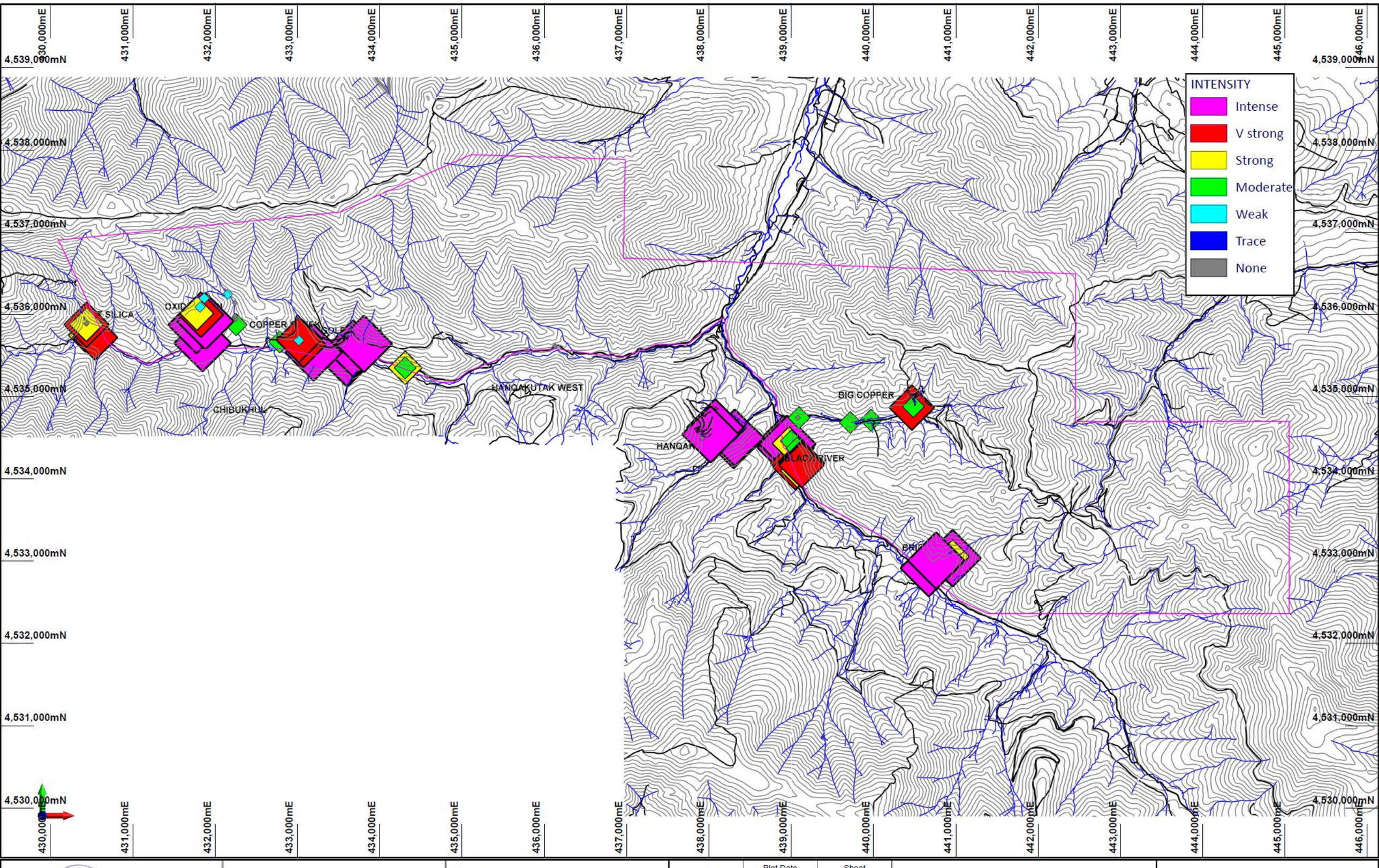
URUSAR PROJECT
N35_RGEOL_QL PT
SJM MAY 2025

HAYASA METALS

SILICIFICATION



Simon J Meldrum

Notes:
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Contours 25m

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	Plot File: Vizex	

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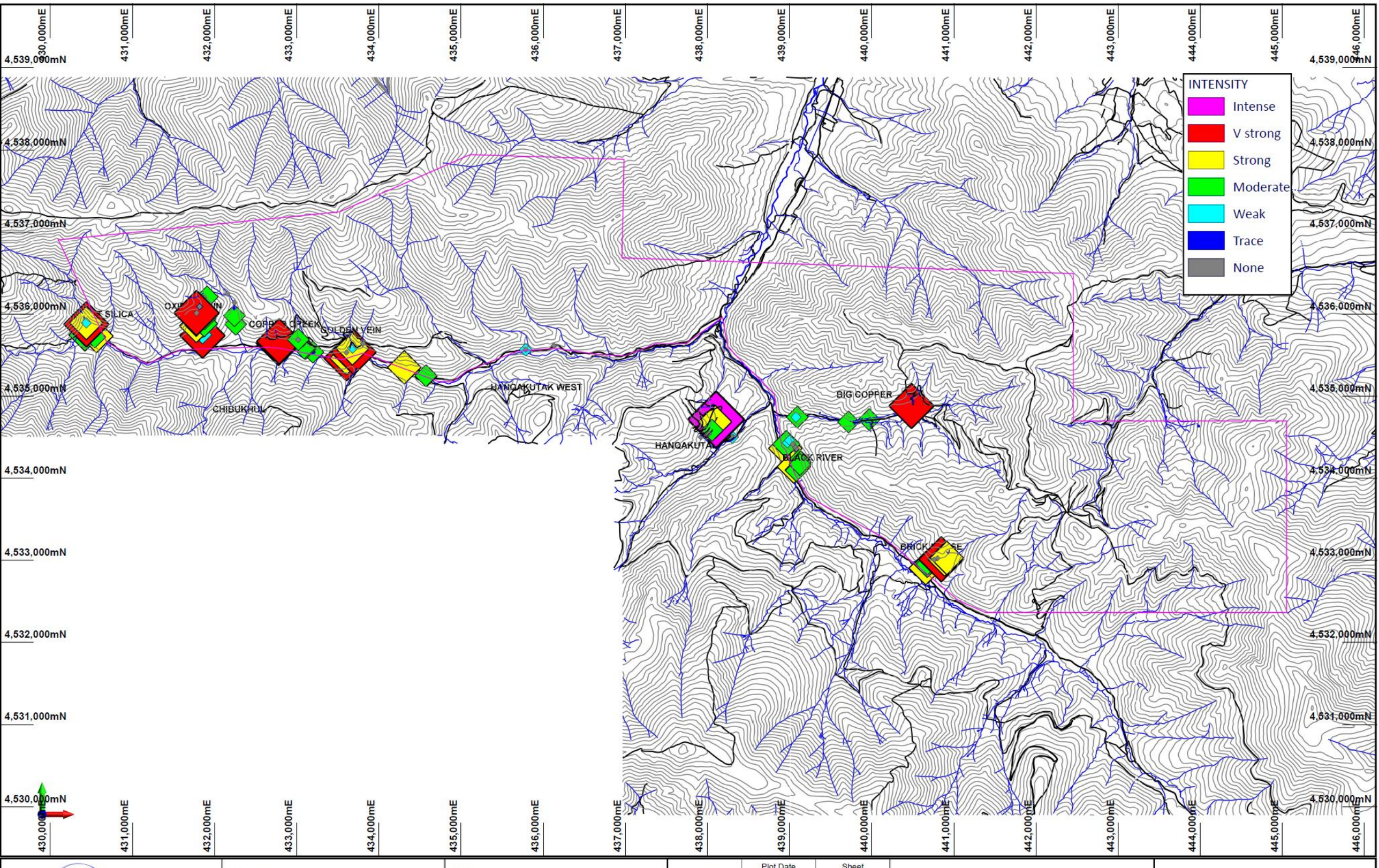
URUSAR PROJECT
N35_RGEOL_QL SI
SJM MAY 2025

HAYASA METALS

RETROGRADE - SERICITISATION



Simon J Meldrum

Notes:
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Contours 25m

Notes:

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	Plot File: Vizex	

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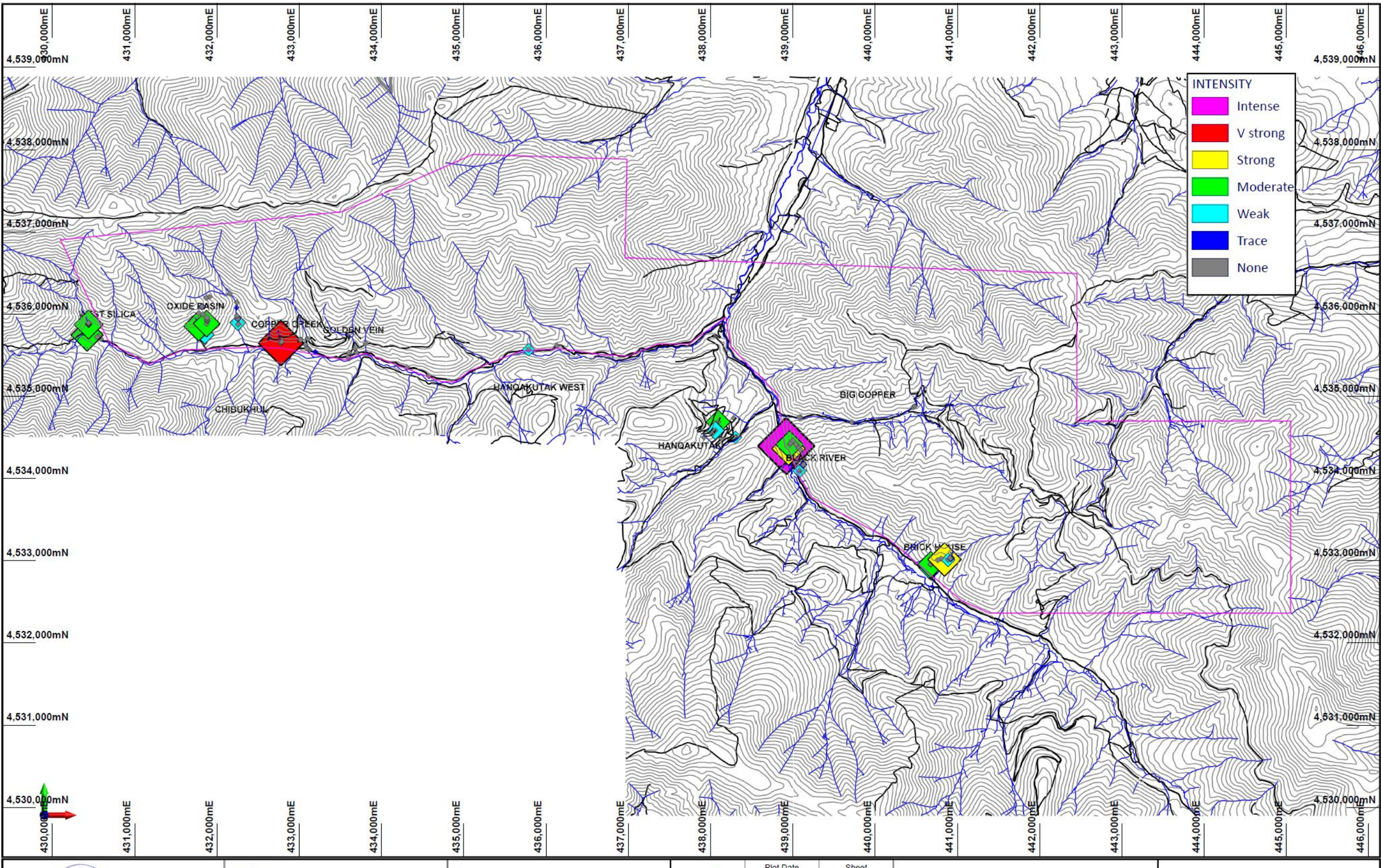
URUSAR PROJECT
N35_RGEOL_QL SE
SJM MAY 2025

HAYASA METALS

RETROGRADE – SILICA ALUNITE



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

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	Plot File: Vizex	

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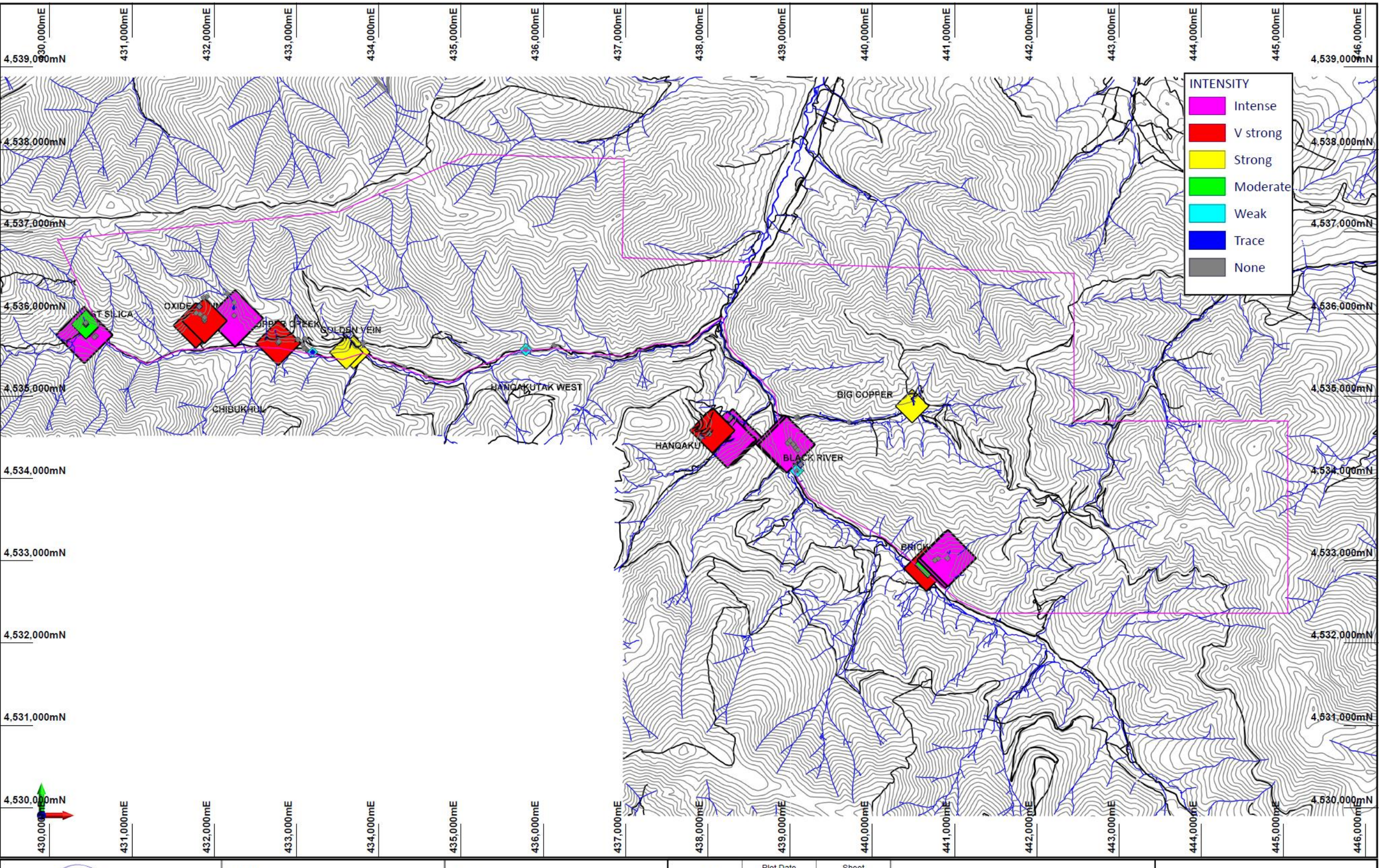
URUSAR PROJECT
N35_RGEOL_QL SA
SJM MAY 2025

HAYASA METALS

RETROGRADE – SILICA CLAY



Simon J Meldrum

Notes:
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Contours 25m

Notes:

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	Plot File: Vizex	

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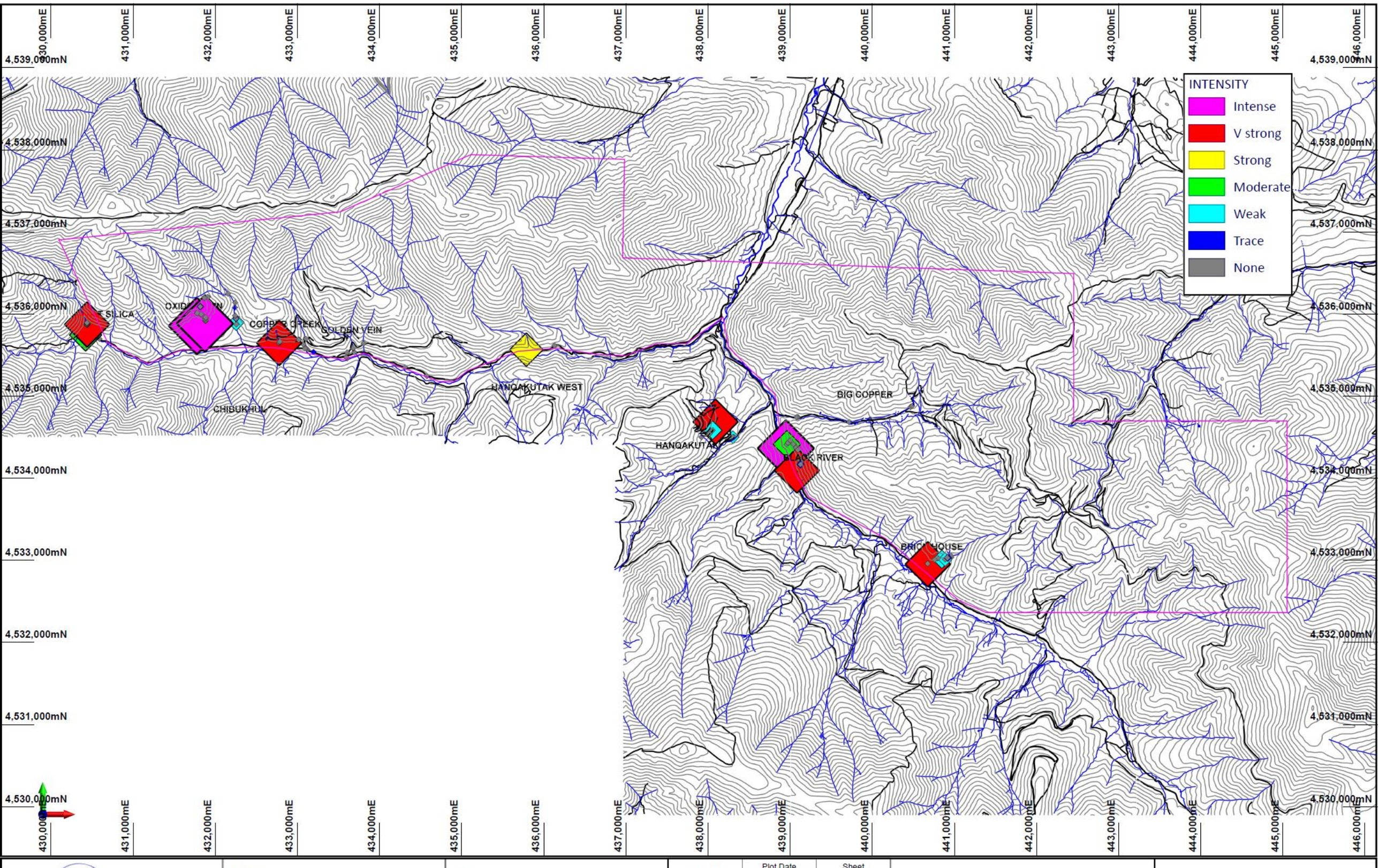
URUSAR PROJECT
N35_RGEOL_QL SC
SJM MAY 2025

HAYASA METALS

RETROGRADE – CLAY SILICA



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

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	Plot File: Vizex	

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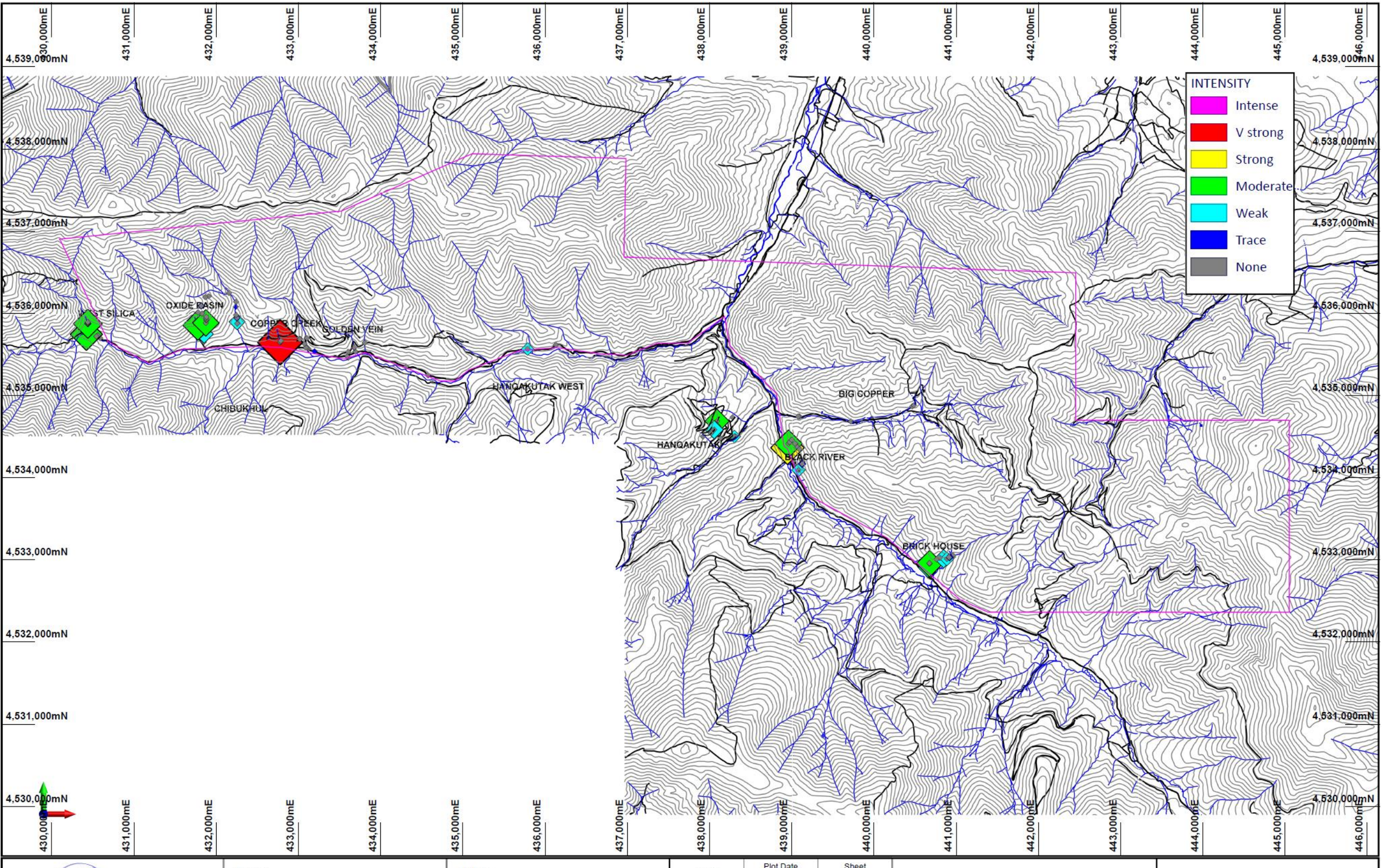
URUSAR PROJECT
N35_RGEOL_QL CS
SJM MAY 2025

HAYASA METALS

RETROGRADE – MASSIVE SILICA



Simon J Meldrum

Notes:
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Contours 25m

Notes:

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Plot Date
21-May-2025

Sheet
1 of 1

Plot File: Vizex

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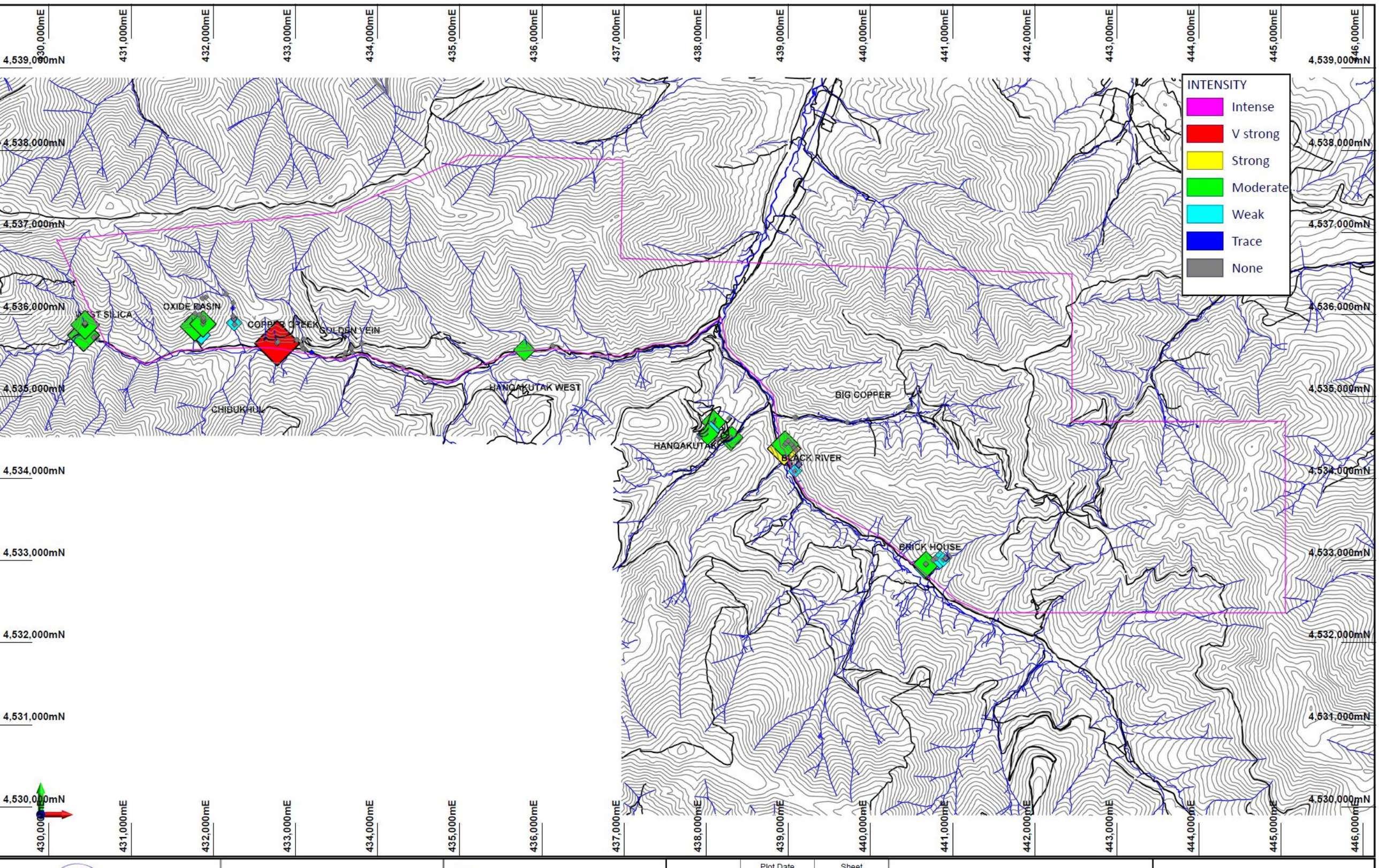
URUSAR PROJECT
N35_RGEOL_QL SM
SJM MAY 2025

HAYASA METALS

RETROGRADE – ADVANCE ARGILLIC



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

Scale	Plot Date	Sheet
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	Plot File: Vizex	

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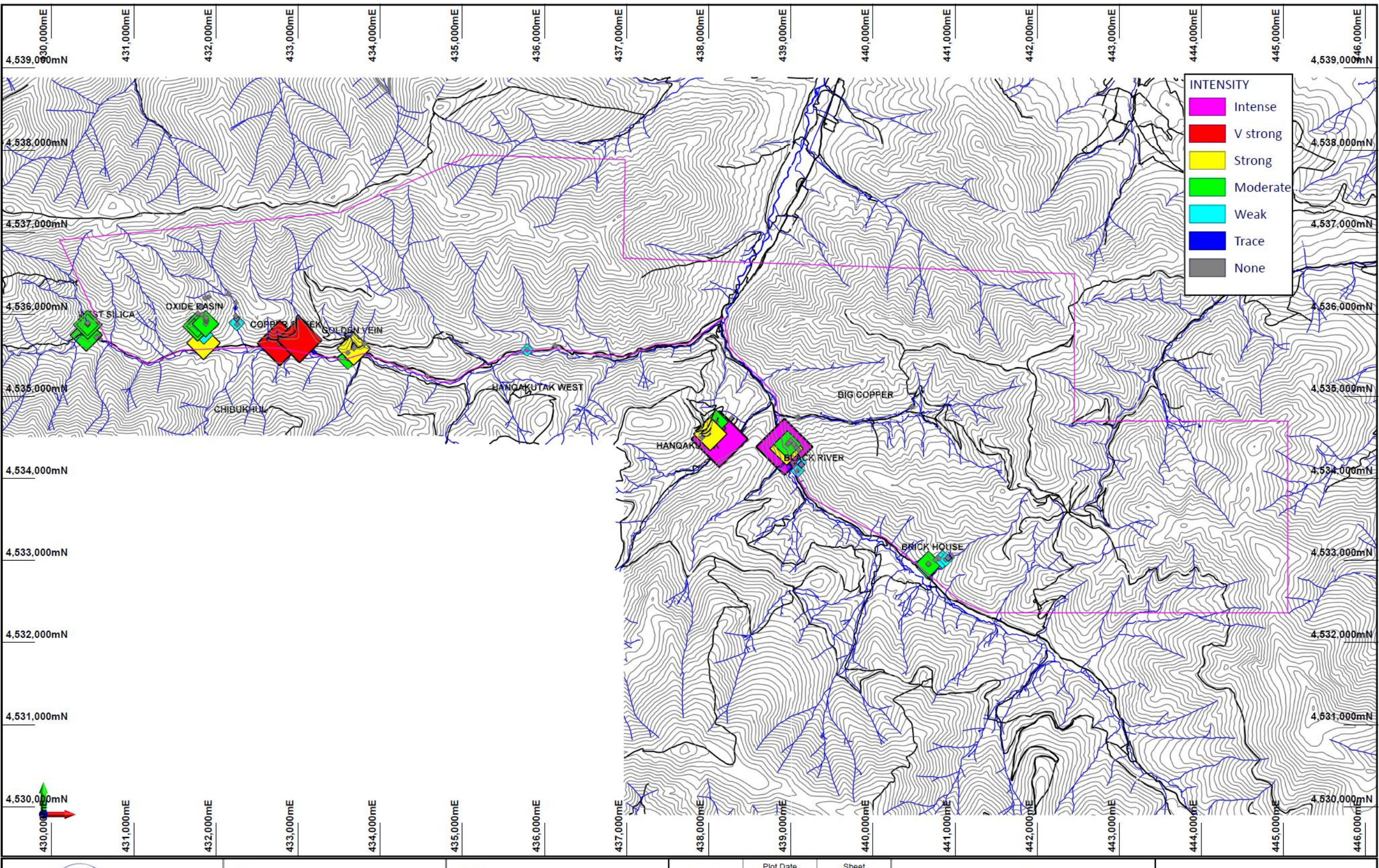
URUSAR PROJECT
N35_RGEOL_QL AA
SJM MAY 2025

HAYASA METALS

RETROGRADE - LEACHING



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

Scale	Plot Date	Sheet
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	Plot File: Vizex	

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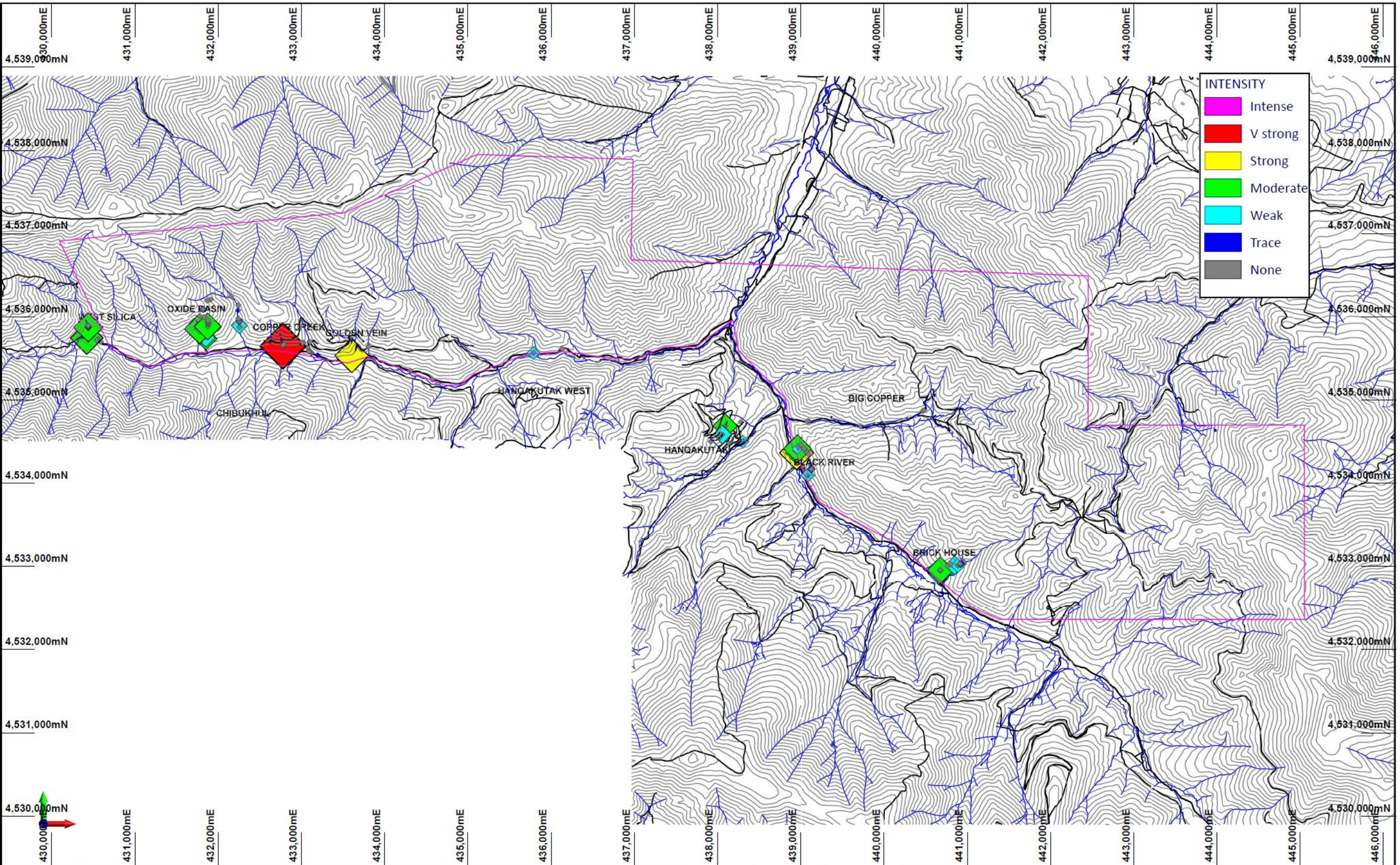
URUSAR PROJECT
N35_RGEOL_QL LH
SJM MAY 2025

HAYASA METALS

RETROGRADE – CLAY GRANULAR (DRAIN BACK ACID)



Simon J Meldrum

Notes:
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Contours 25m

Notes:

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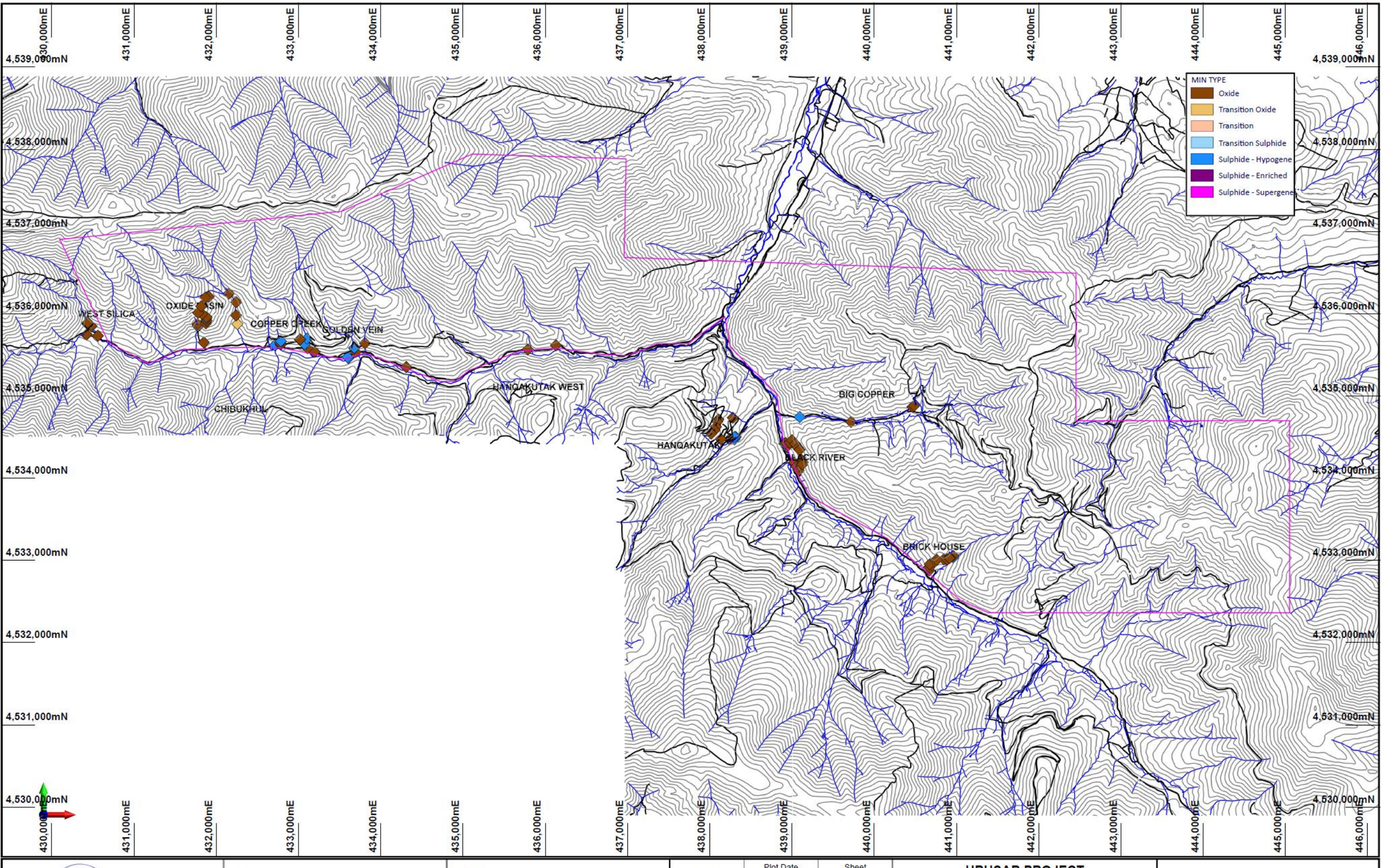
URUSAR PROJECT
N35_RGEOL_QL CG
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

Notes:
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Contours 25m

Notes:

Scale	Plot Date	Sheet
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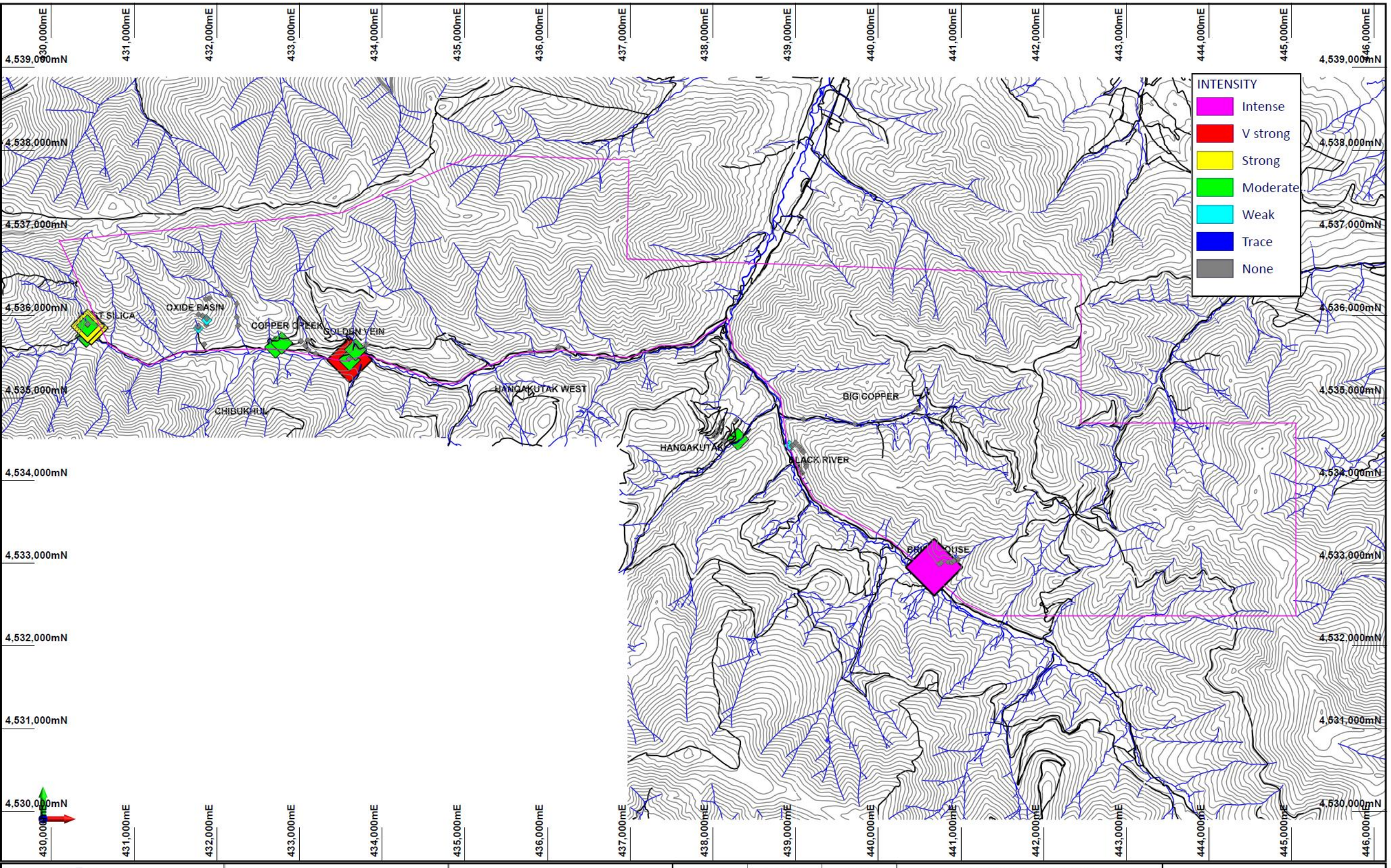
URUSAR PROJECT
N35_RGEOL_QL
MSTY MTYP
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

Notes:
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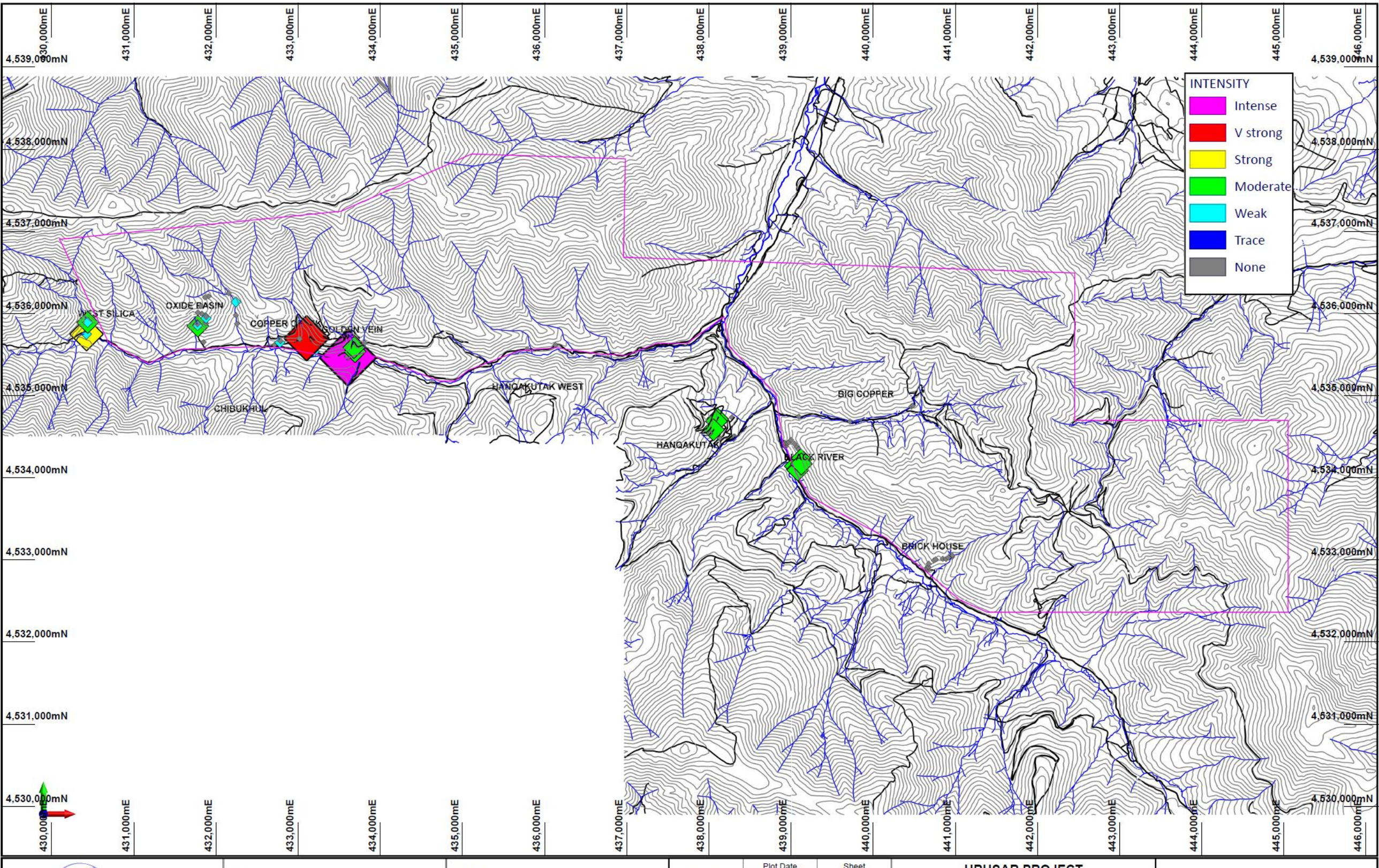
URUSAR PROJECT
N35_RGEOL_QL
MSTY DSM
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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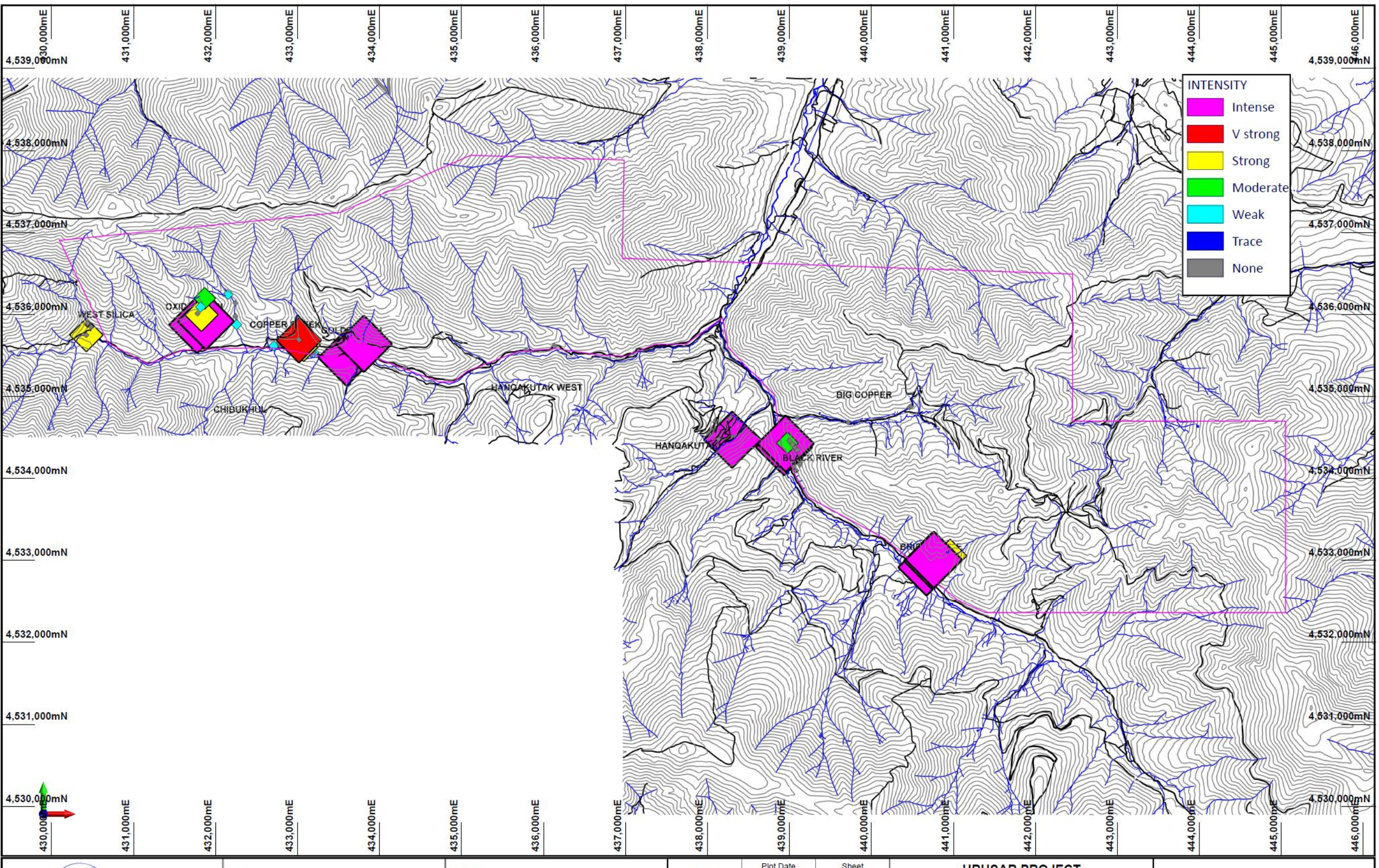
URUSAR PROJECT
N35_RGEOL_QL
MSTY CLT
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

Notes:
DATUM - WGS84
Contours 25m

Notes:

Scale	Plot Date	Sheet
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	Plot File: Vizex	

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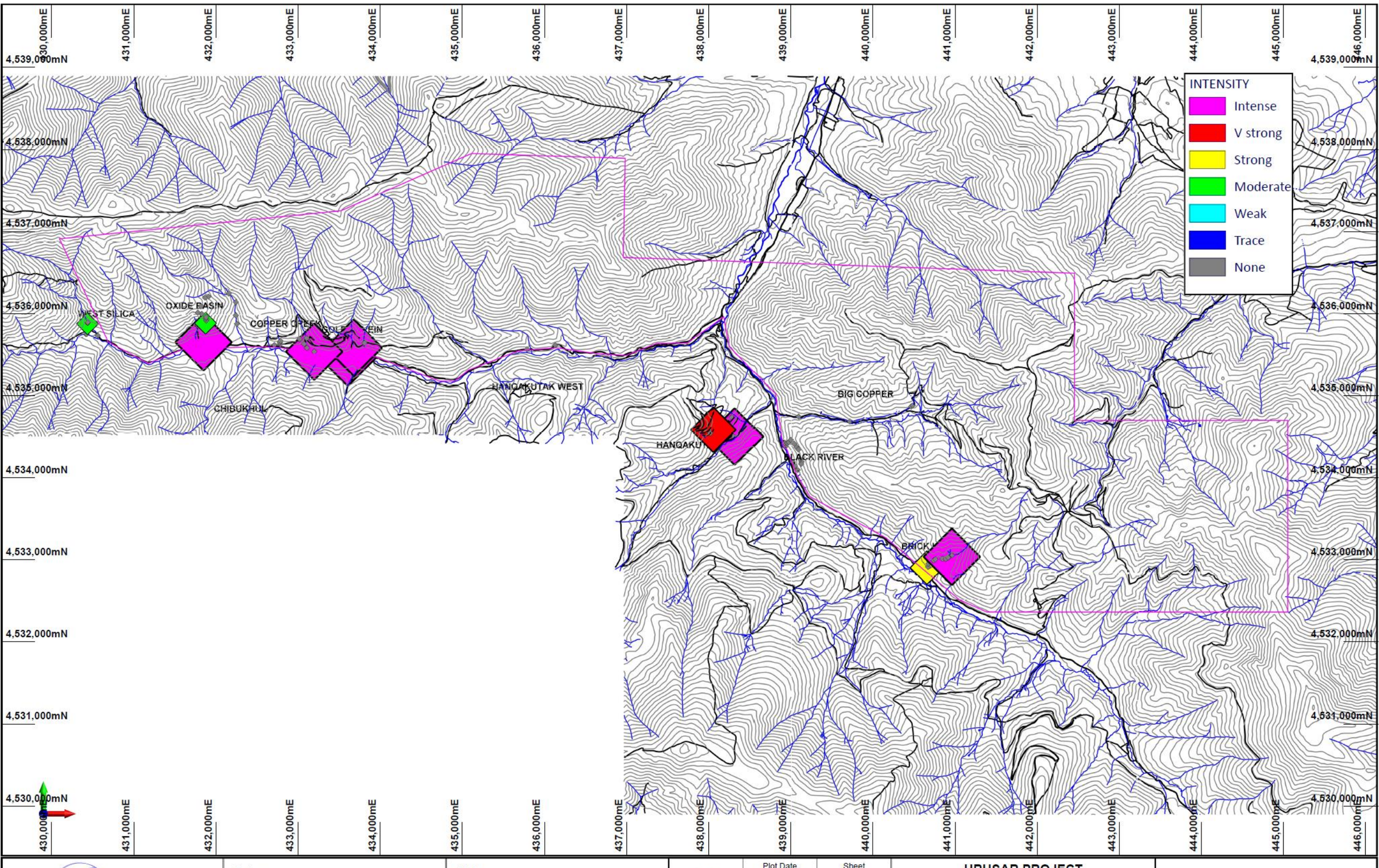
URUSAR PROJECT
N35_RGEOL_QL
MSTY QVN
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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DATUM - WGS84
Contours 25m

Notes:

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	Plot File: Vizex	

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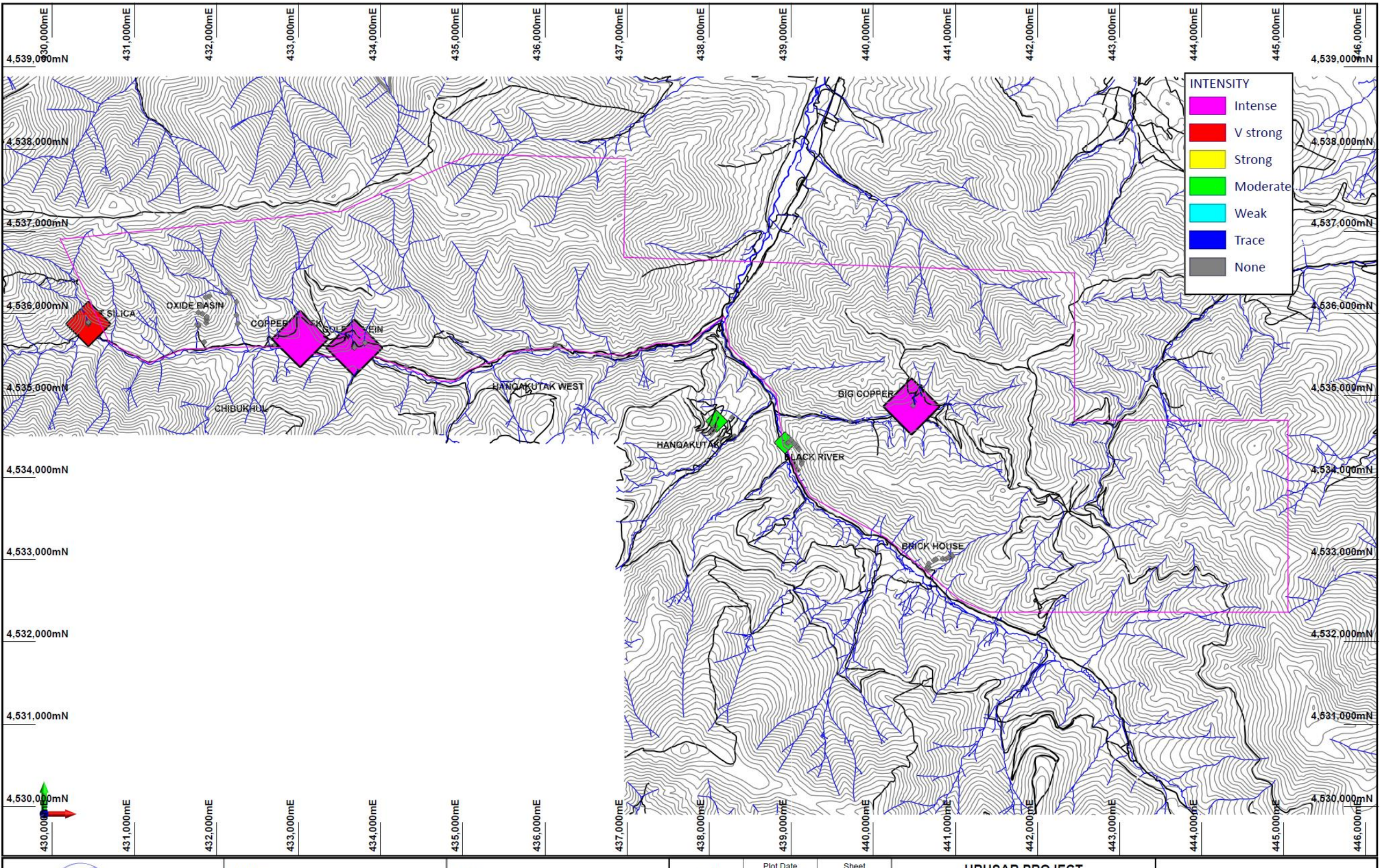
URUSAR PROJECT
N35_RGEOL_QL
MSTY QXV
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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Contours 25m

Notes:

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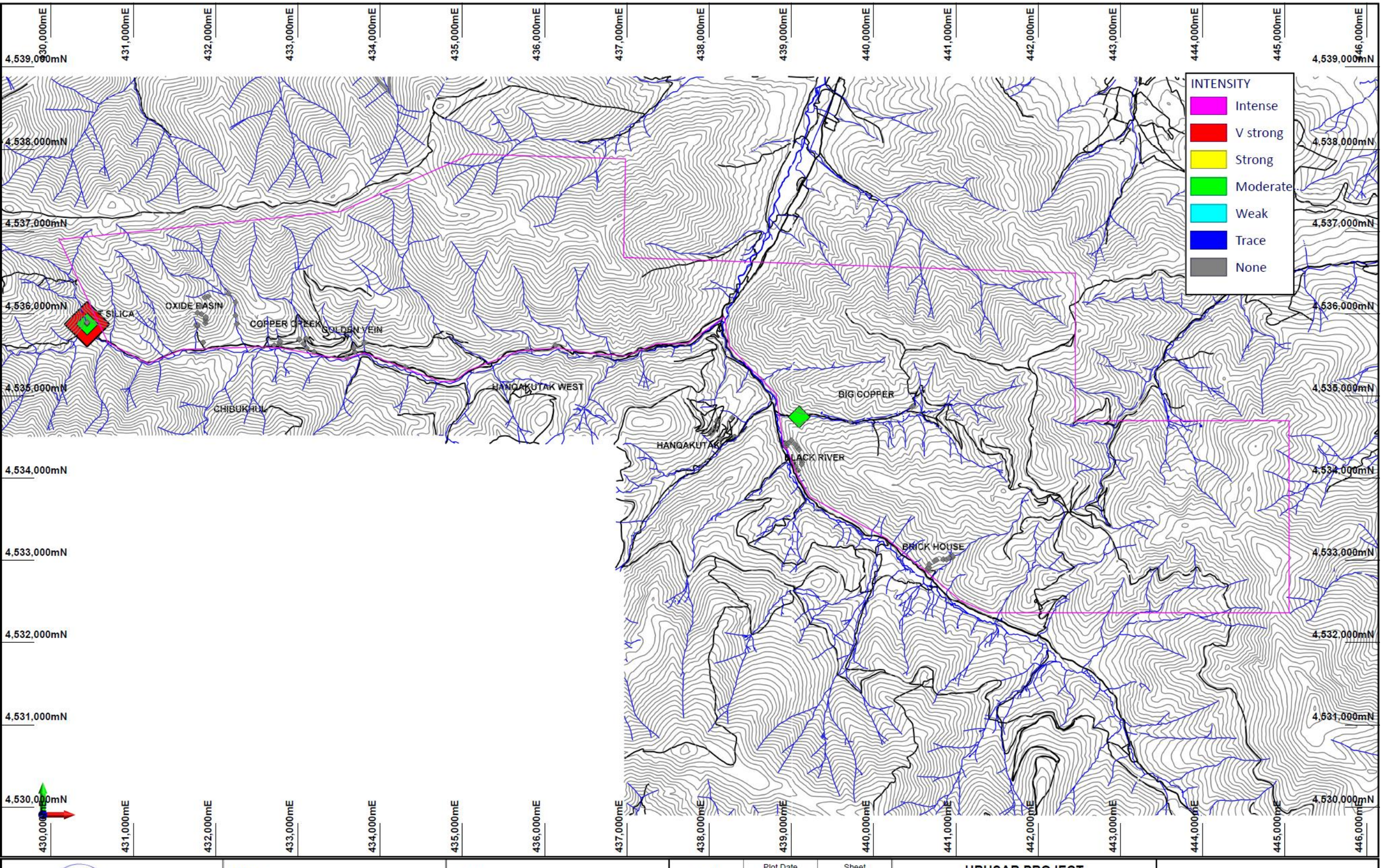
URUSAR PROJECT
N35_RGEOL_QL
MSTY SXV
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

Notes:
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Contours 25m

Notes:

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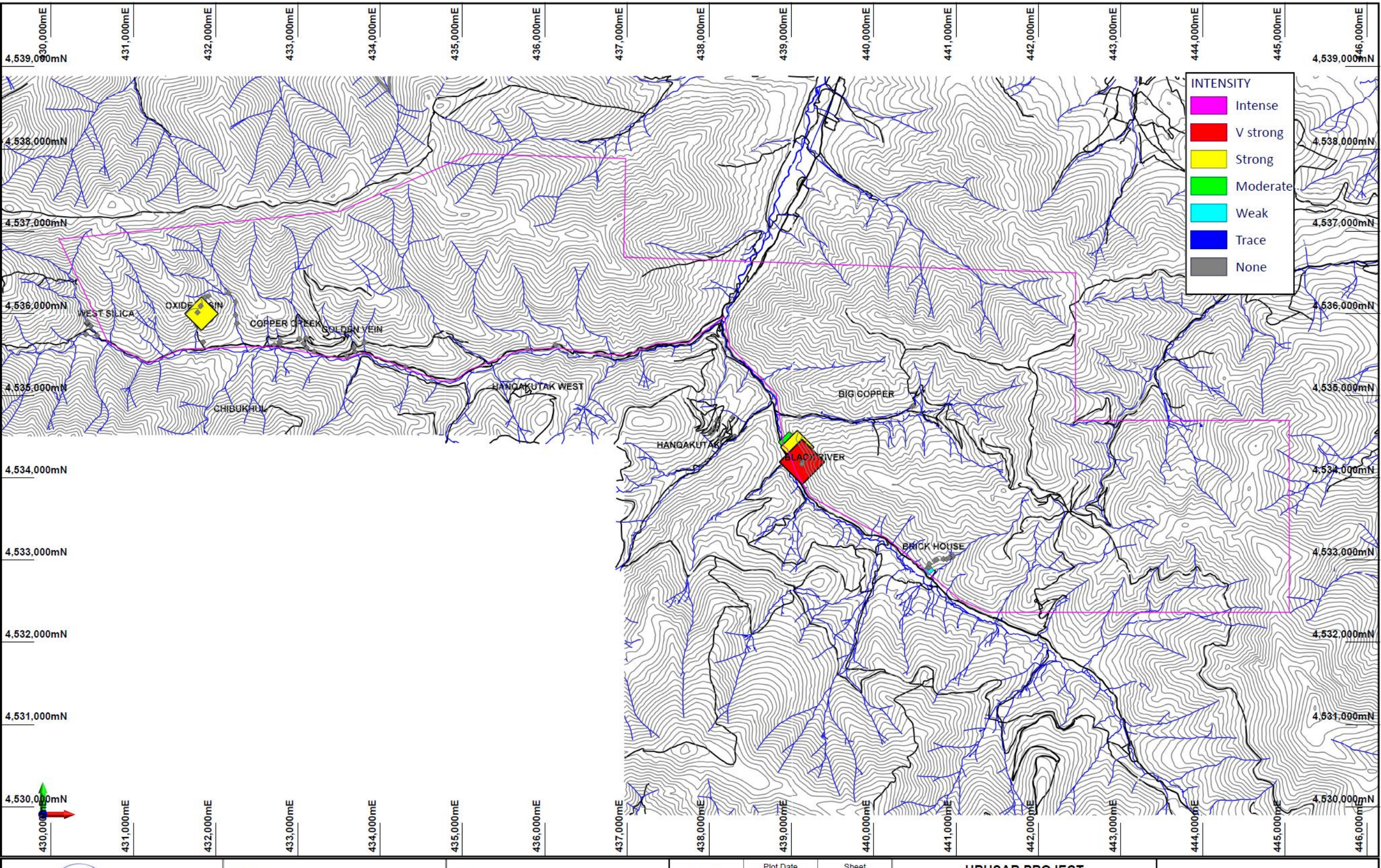
URUSAR PROJECT
N35_RGEOL_QL
MSTY QCV
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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Contours 25m

Notes:

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	Plot File: Vizex	

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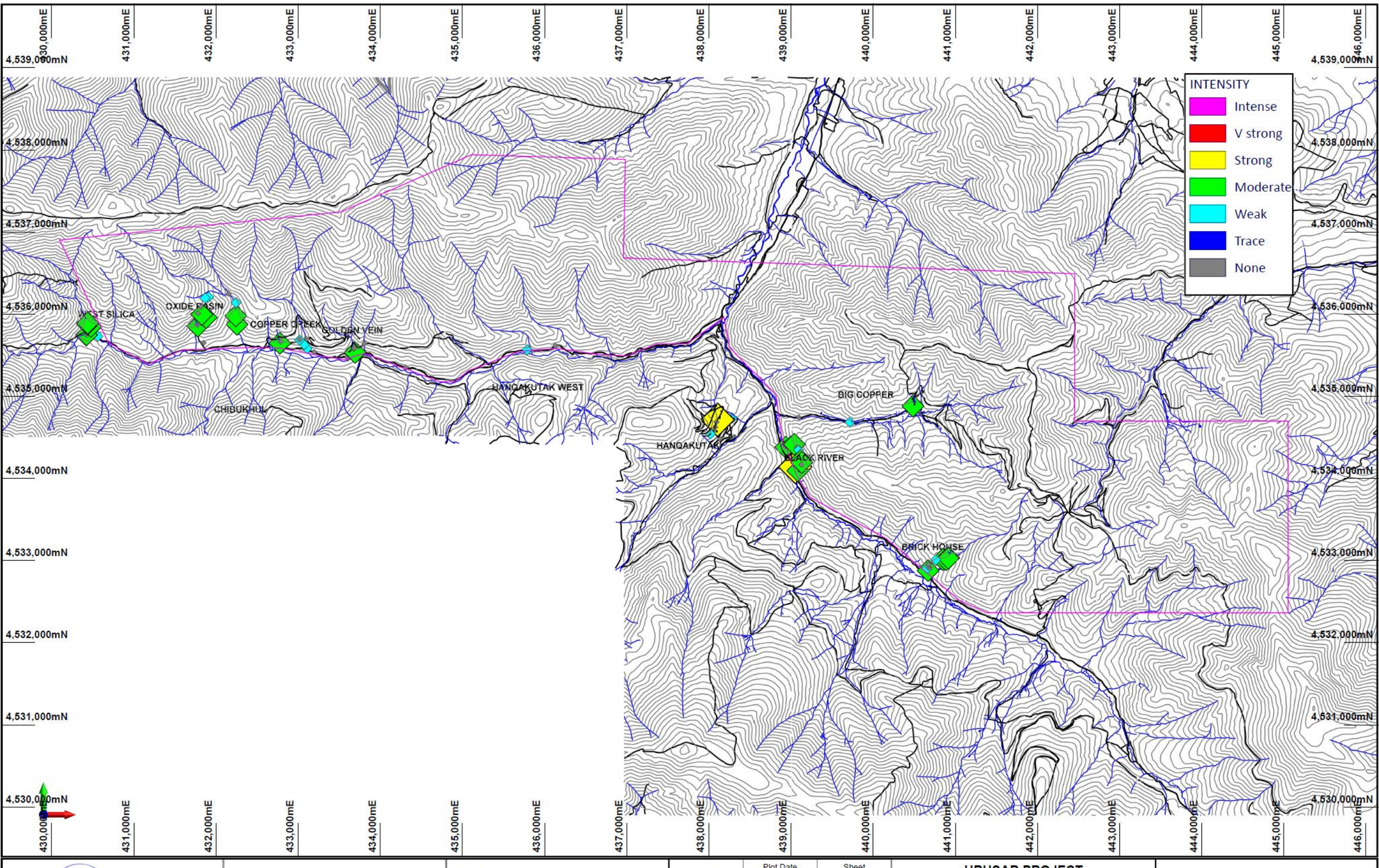
URUSAR PROJECT
N35_RGEOL_QL
MSTY PEM
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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Contours 25m

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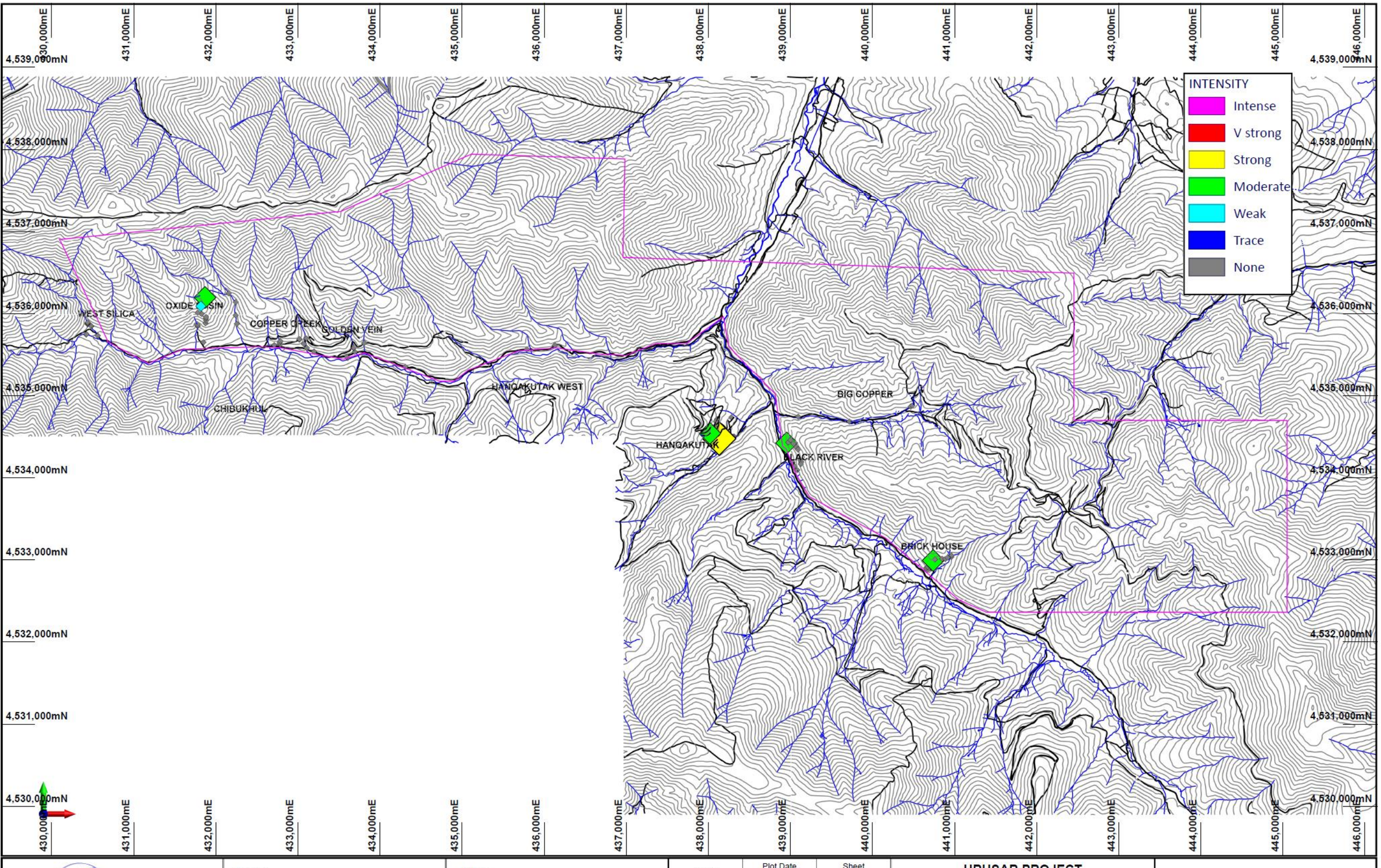
URUSAR PROJECT
N35_RGEOL_QL
MSTY FFL
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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	Plot File: Vizex	

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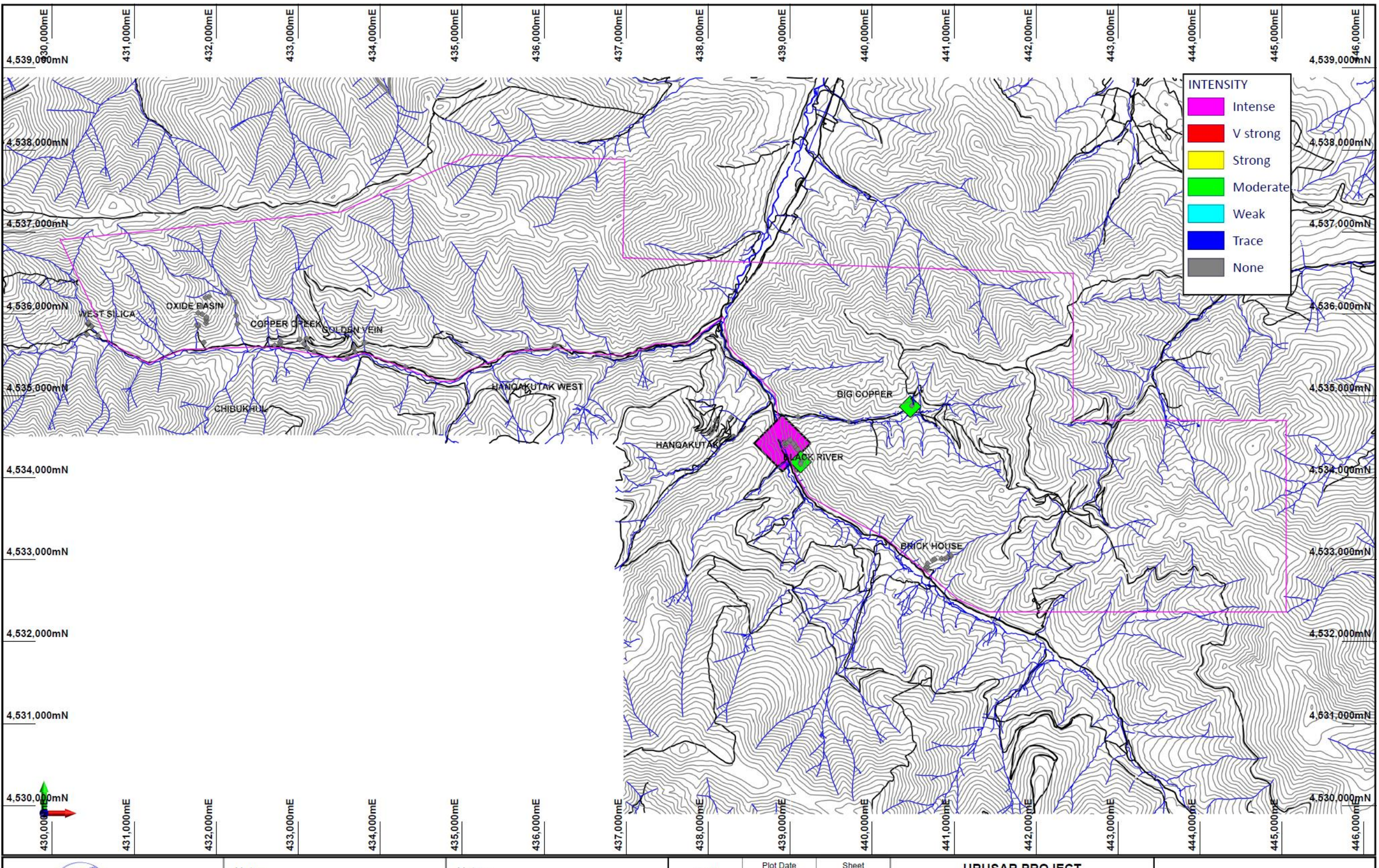
URUSAR PROJECT
N35_RGEOL_QL
MSTY CFL
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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Contours 25m

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	Plot File: Vizex	

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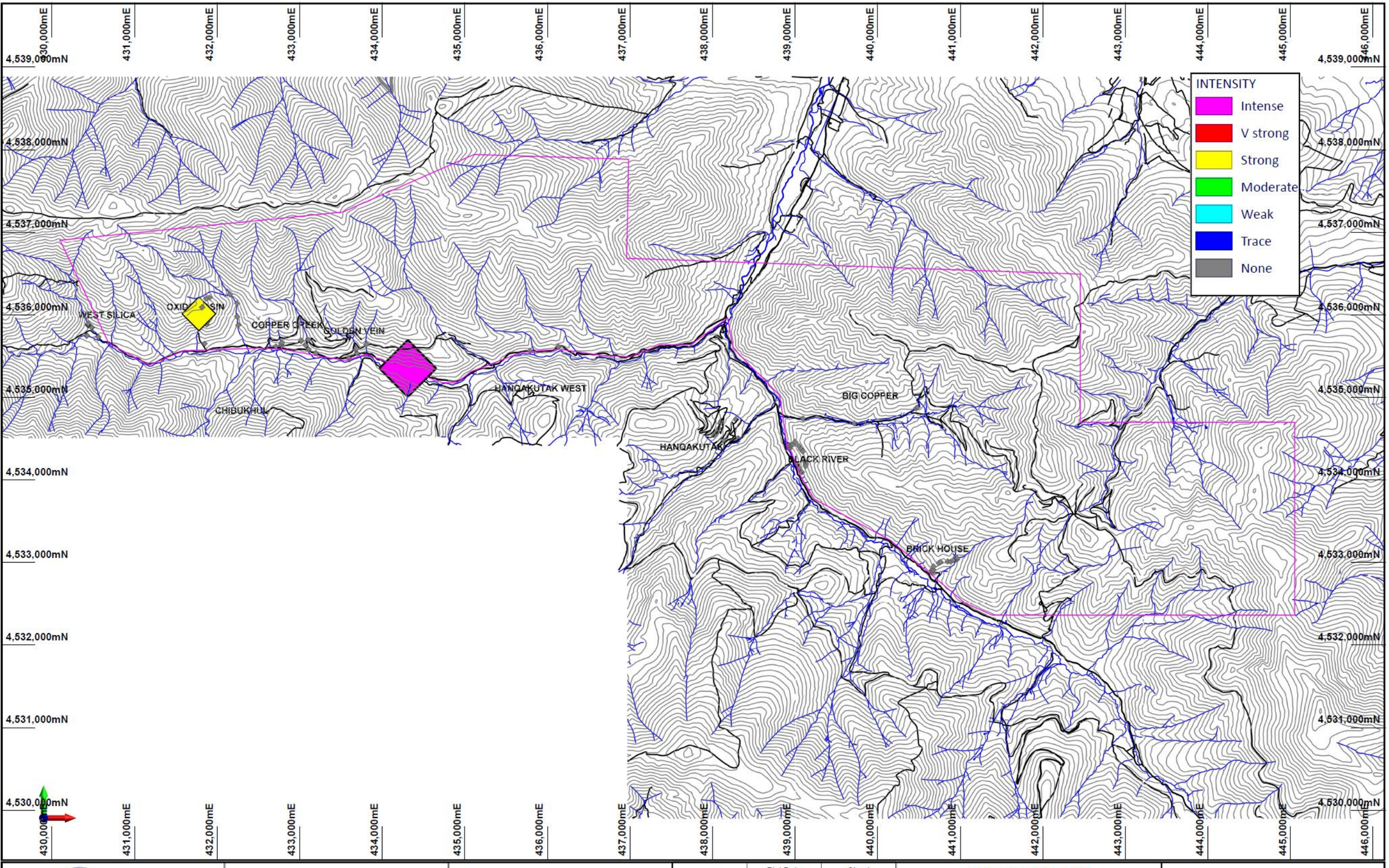
URUSAR PROJECT
N35_RGEOL_QL
MSTY BXC
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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Contours 25m

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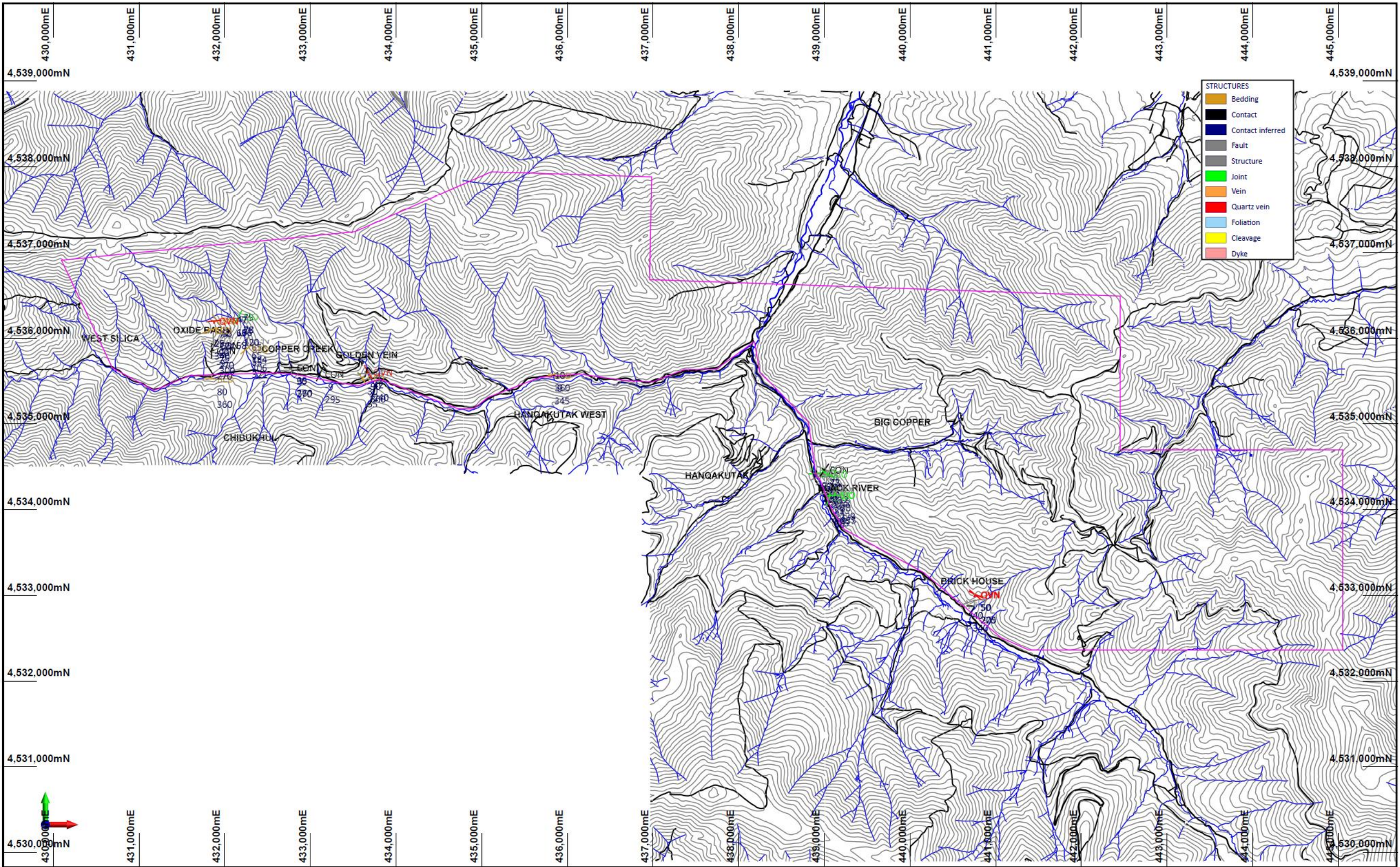
1000 0 1000m

URUSAR PROJECT
N35_RGEOL_QL
MSTY BXM
SJM MAY 2025

HAYASA METALS



Simon J Meldrum

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Contours 25m

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500 0 500m

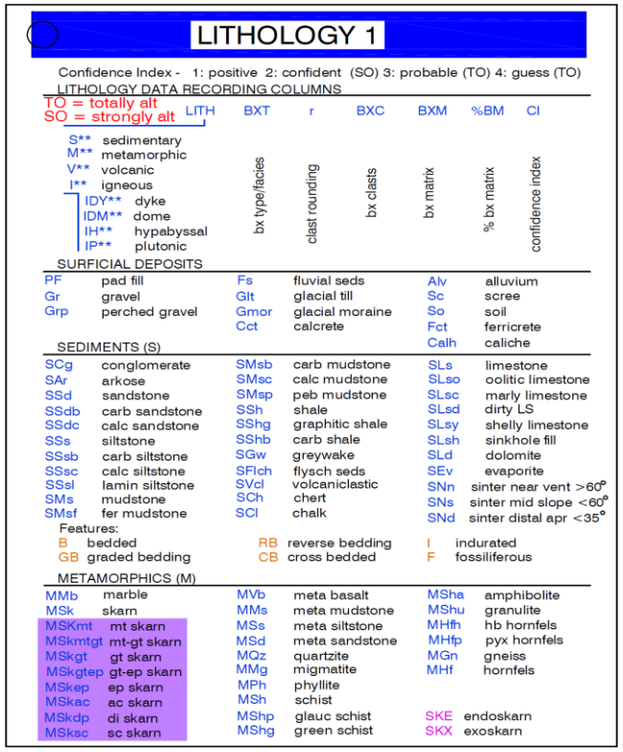
URUSAR PROJECT
N35_RGEOL_QL
STRUCTURAL DATA
SJM MAY 2025

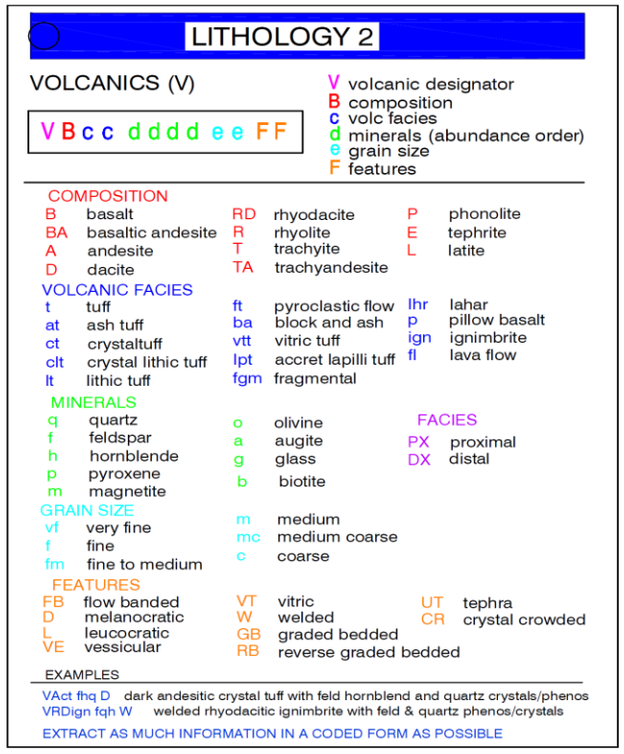
HAYASA METALS

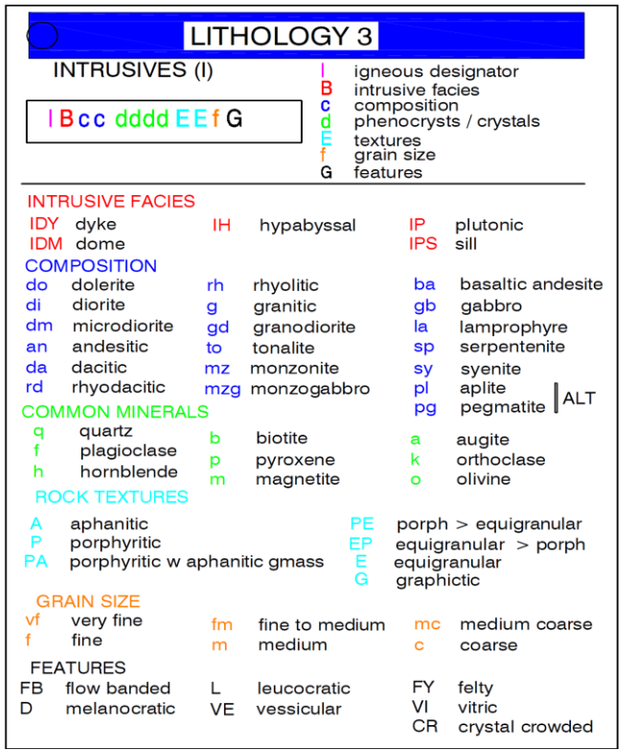
URASAR PROJECT

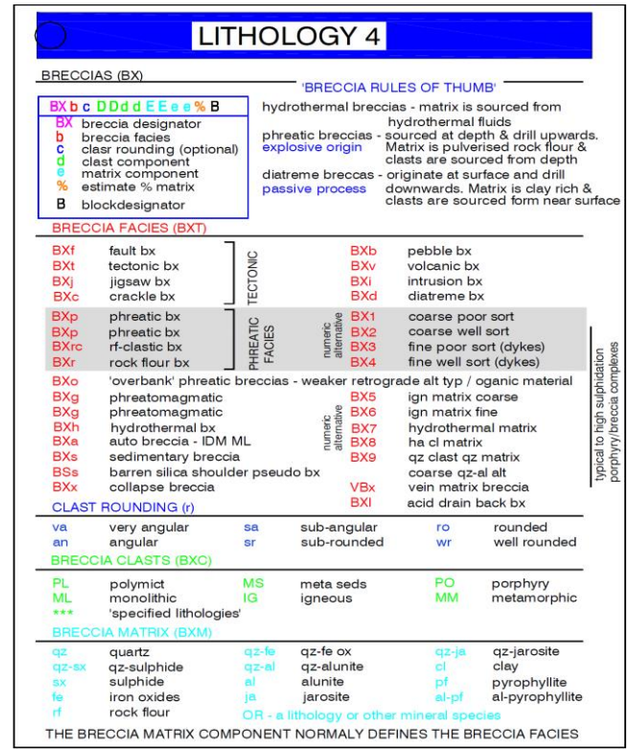
APPENDIX IV

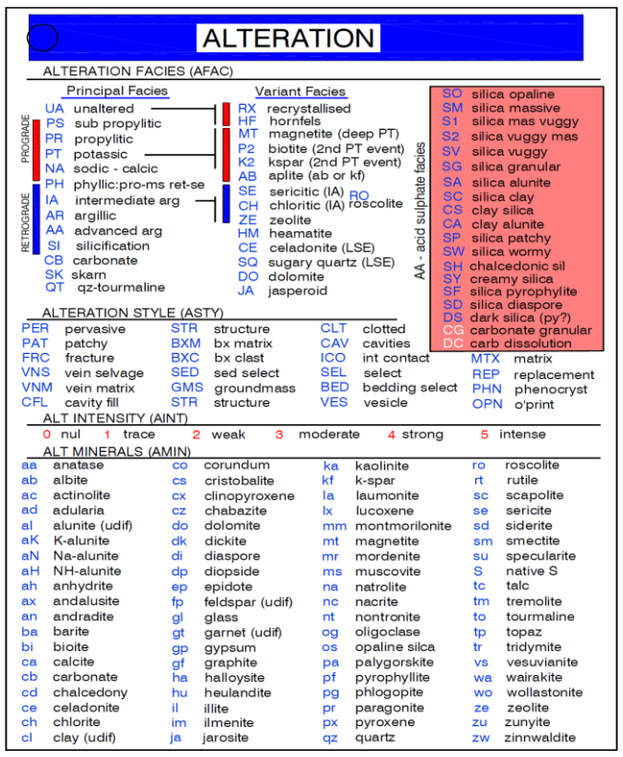
DRILL LOGS (N35_DGEOL_QL DATA

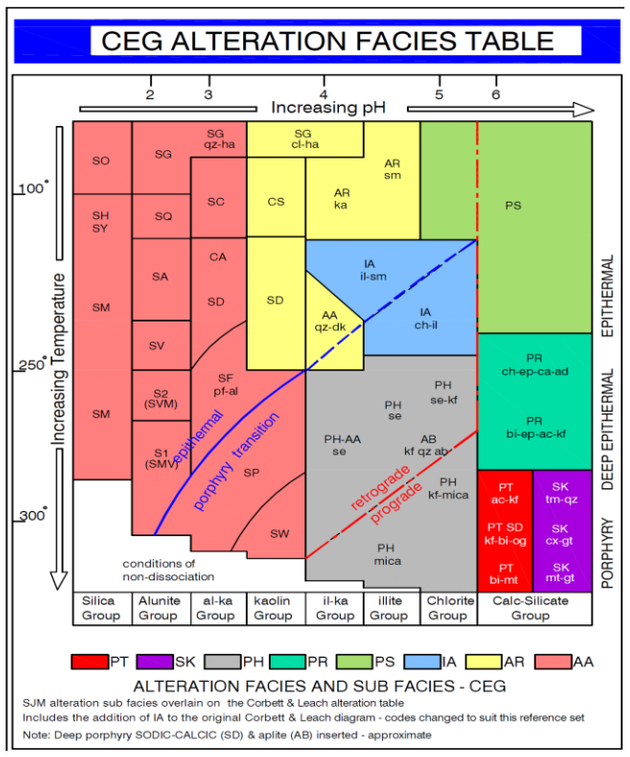


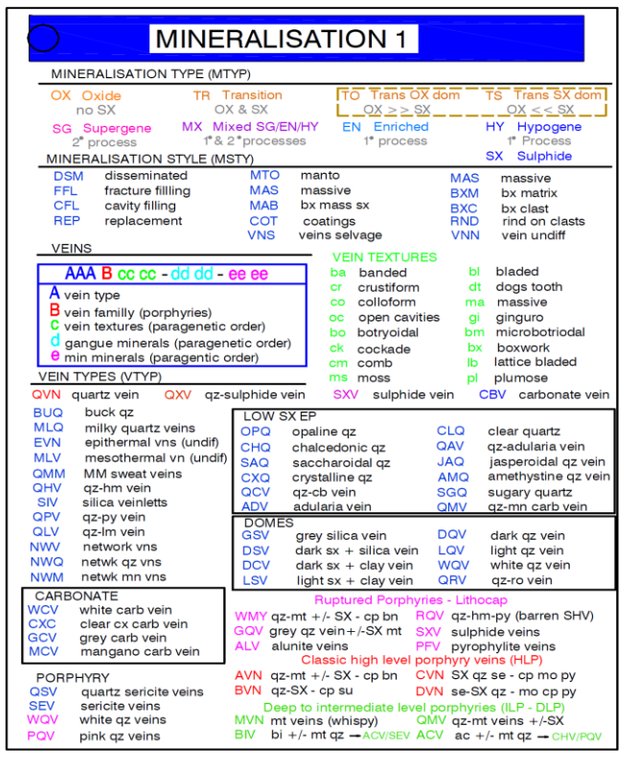


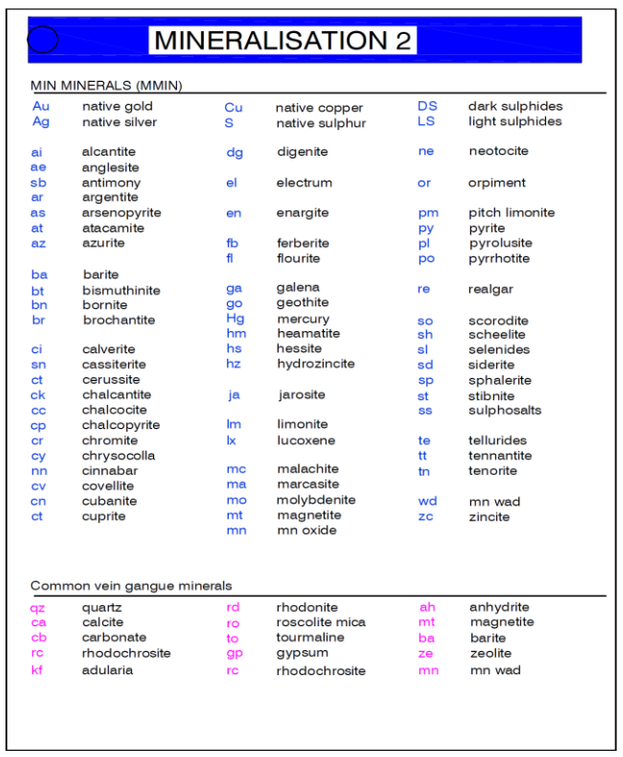












CEG - LOGGING CODE REFERENCE SET

EXAMPLE LOGGING FORMAT

LITHOLOGICAL DATA AS RECORDED SIMPLFIED LITH PLOT COLUMN

BRECCIA DATA

INDEXED INTENSITIES

ALTERATION FACIES / STYLES / INTENSITIES IN PARAGENTIC ORDER

ALTERATION MINERALS IN ORDER OF ABUNDANCE

MINERALISATION STYLES IN PARAGENTIC ORDER

MINERALISATION MINERALS ORDER OF ABUNDANCE

VEIN DATA IN PARAGENETIC ORDER & VOL%

LITH	LITH PLT	BXT	BXC	BXM	BM%	SI	FE	CL	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	VTYP	VN%
PF	PF																										
VAct	VAct	BXj	VA	HMV	5	0.5	1.4	0.6	PR IA ZE	PER PER PAT	4 3 3	ch	ep	hm	cl	qz	se	OX	HMV FFL	1 3	hm	mn	lm	pm		HMV	0.9
VAt	VAct	BXj	VA	HMV		0.2	1.8	3.5	AR	PER	4	cl	il				qz	OX	HMV FFL	4 3	hm	lm		pm	mn	HMV	5
FLT	FLT	BXf																									
IHda qf P mc	IHda mc	BXc				0.1	1.5	2.0	IA AR	PER STR	4 3	il	cl	se				OX	HMV FFL	2 2	hm	lm		pm		HMV	3
IHda qf P mc	IHda mc	BXj	IH	cl se	10	0.0	0.8	9.6	IA AR	PER STR	5 4	cl	il					OX	DSM HMV FFL	2 2 2	hm	lm	pm			HMV	0.9
FLT	FLT	BXf	IH	cl se	50	0.0	0.3	4.5	AR	STR	4	cl		se	il			TS	CLT DSM FFL	2 3 1	py		hm	lm	cc	SXVpycc	1
IHda qf P	IHda mc	BXj	IH	cl se py	5	0.7	0.2	2.0	IA AR	PER STR	4 3	cl	il	se		qz		TS	CLT DSM SXV RIM	2 2 1 2	py	cc	cv	lm			
IHda qfh P	IHda mc	BXc				0.0	0.4	1.5	PT PT IA SE ZE AR	XEN PER PER VNS PAT	4 1 4 2 1	il	se	ch	cl	hu		TO	DSM SEV CLT HMV FFL	2 1 1 1 2	py	lm		hm	cc	SEV HMV	0.5 0.2
IHda qfh P	IHda mc					0.0	0.0	1.0	IA AR	PER STR	5 1	il	cl	ch	ep	hu		TS	DSM SXV FFL	2 1 1	py			cc	lm	SXVpy	0.5
IHda fqh P	IHda mc					0.0	0.0	0.1	PR IA IA ZE	PER PER STR PAT	3 4 5 1	se	ch	il	ep	hu	mt	SX	DSM SXV FFL	2 1 1	py		cp	cc		SXVpy	0.1
IHda fqh P	IHda mc	BXc				0.0	0.0	0.0	PR IA SI IA	PER PER VNS VNS	3 2 4 1	se	ch		il	mt	hu	SX	DSM SXV QPV	1 2 1	py			cc	cp	SXVpy QVNpy	0.5 0.3
IHda fqh P	IHda mc	BXc	IH	py il se	3	0.1	0.0	0.7	PR IA SE ZE	PER PER VNS PAT	2 3 4 1	il	se	ch	qz	cl		SX	DSM SXV	1 3	py			cc	cp	SXVse py	3
IHda fqh P	IHda c	BXc	IH	py se	0.5	0.0	0.0	0.0	PR IA PH	PER PER VNS	2 2 2	se	ch	il	qz	mt		SX	DSM SXV	1 1		py	cp	cc	SXVse py	0.5
IHda fqh P	IHda c	BXf	IH	il cl py	15	0.2	0.0	2.3	PR IA PH	PER PER VNS	2 4 4	il	se	cl	qz			SX	DSM SXV	1 4	py			cc		SXVqzse py	4
IHda fqh P	IHda c	BXc				0.1	0.0	0.1	PR IA PH ZE	PER PER VNS PAT	2 3 2 1	se	il	qz	bi	ch	cl	SX	DSM SXV QPV	1 1 1		py			cp		SXVseqz pycc QPVqz py	1.5 0.1
IHda fqh P	IHda c	BXc	IH	VNS	2.5	0.1	0.0	0.0	PR PT IA PH LH ZE	PER PER PER VNS VNS VNS	3 1 3 4 1 1	se	ch	bi	il	kf	qz	SX	DSM SXV QPV	1 1 2		py			cp		SXVse py QPVpy	1.5 1.0
IHda fqh P	IHda c	BXf	IH	cl il py	10	0.5	0.0	0.7	PR PT IA PH AR	PER PER PER STR STR	2 2 2 3 4	cl	il	se	qz			SX	DSM CLT SEV	1 3 2	py			cc		SXVse py QVN	7 4
IHda fqh P	IHda m					0.0	0.0	0.4	PR PT IA PH	PER PAT PER VNS	3 1 3 4	se	kf	ch	il	bi	qz	SX	DSM QPV SXV	1 3 2		py		cp	cc	QPVpy SXVse py	4 2
FLT	FLT	BXf	IH	il cl se	15	0.1	0.0	1.2	IA AR	PER STR	3 4	il	cl		se	kf		SX	SXV CLT DSM	3 2 4	py						
IHda fqh P	IHda m	BXf	IH	VPY	3	0.2	0.0	0.1	PR PT IA PH AR	PER PER PER VNS VNS VNS	2 2 2 3 2 2	se	il	ch	kf	qz		SX	CLT DSM SXV	3 2 3			py		cp	SXVqz py	3
IHda fqh P	IHda m	BXf	IH	VPY		0.0	0.0	1.4	IA AR	PER STR	4 2	il	cl	se		qz		SX	SXV QPV	1 2	py					SXVpy	1
IHda fqh P	IHda mf	BXc				0.0	0.0	0.2	PR PT IA PH IA	PER PAT PER VNS VNS	1 1 1 2 2	se	ch	mt	il	kf		SX	DSM SXV QPV	1 1 1		py			cp	SXVpy QPV	1 1.5
IHda fqh P	IHda mc	BXj	IH		4	0.4	0.0	0.2	PR PT IA IA	PER PER PER VNS	2 2 3 4	il	se	qz	kf			SX	DSM CLT SEV QPV	1 2 4 2	py			mo	cp	SXV QPV	2.5 1.5
VAat D	VAat	BXf	MMs		10	0.1	0.0	0.3	HF PT ZE SE	PER PER PAT VNS	3 2 2 2	ch	bi	il	cl	hu	se	SX	SXV CLT FFL	5 2 3	py					SXVsepy	10
VAct fhP	VAct					0.0	0.0	0.0	PR IA ZE	PER PER SEL	1 3 3	ch	hu		mt			SX	DSM SXV	3 1		py				SXVpy	1
VAclt fh P	VAct	BXi	IDY		5	0.0	0.0	0.0	PR PT IA ZE SI	PER VNS PER VNS VNS	1 2 2 4 2	ch	hu	bi	mt	se	kf	SX	DSM CLT SXV SIV	2 1 3 2	py			cp		SXVpycp SIV	4 2
VAct fh P	VAct	BXi	IDY		40	0.0	0.0	0.0	PT PT PR IA PH	BXC PER PER PAT VNS	4 2 2 3 2	ch	bi	se	kf	mt	qz	SX	DSM SXV	1 2		py			cp	SXVpy QPV	1.5 0.5
VAat D	VAat	BXc			10	0.0	0.0	0.0	HF PT PH	PER PER PAT	2 3 4	bi		ch	mt	se		SX	SXV DSM	1 3		po		cp		SXVcppo SXVseqz py	2 4
VAat f P v	VAat					0.0		0.0	PR PT ZE	PER PER VNS	3 3 2	ch	mt	hu	qz	kf		SX	SXV FFL	1 2		py		cp		NUV SXVpycp	1.5 0.2
PF	PF																										
IHda fq P	IHda m					0.0		3.5	IA SE AR	PE	2 2 4	cl		il	se			OX	DSM SEV FFL	2 1 1		lm		hm		SEV	1.5
IHda fq P	IHda m	BXc				0.4		2.5	IA SE AR	PE	2 3 3	cl	se	il		qz		OX	DSM SEV FFL	1 3 2	lm		hm			SEV	5
IDY P f	IDY	BXc				0.0		3.5	SE AR	VI	2 2	cl	se	il	qz			OX	SEV	1			lm			SEV	0.5
IHda fq P	IHda mc	BXf				0.0		2.5	IA SI AR	PE	2 1 2	cl	se	il	qz			OX	DSM SEV STR	1 1 2		lm		mn		SEV	2.5
IHda fq P m	IHda m	BXc	IH		1	0.0		1.8	IA SE AR	PE	2 1 2	cl	se	il				OX	DSM SEV FFL	1 1 1		lm			hm	SEVseqz lm	0.9
IHda fqh P m	IHda m					0.1		1.0	PT IA SE AR	PE STR	1 3 2 2	se	cl	il	kf	bi		TS	DSM SEV FFL	2 1 2		lm	py	cc	mo	SEVseqz lm	0.2
FLT	FLT	BXf	IH	cl il	20	0.1		3.0	PR PT IA AR	PE STR	1 2 4 4	cl	il	se	ch	bi	ep	SX	DSM CLT	2 3		py					0
IHda fqh P mc	IHda mc	BXc		VNS		2.0		1.0	PT IA SI AR	PE STR	3 3 2 4	kf	bi	se	ch	qz	mt	SX	DSM PHN QVN	3 4 3	py		mo	cp		GSVqzkf mocp	8
IHda fqh P cm	IHda cm	BXc	IH	QVN	6	2.6		0.1	PT IA PT SI IA ZE	PE VNS VNS PAT	4 3 2 4 3 1	bi	se	qz	ch		il	SX	DSM BIV QVN	2 1 3	py		mo	cp	mo	BIV GSVqzkf pymo	0.5 6
IHda fqh P cm	IHda cm	BXf	IH	cl il	5	1.9		0.8	PT IA PT SI AR	PE VNS STR	4 3 5 4 3	bi	se	kf	qz	cl	il	SX	DSM QVN	2 2	py		mo		cp	GSVqzkf pymocp	4
FLT	FLT	BXf	IH	cl	50	0.0		3.5	IA AR	BX	3 4	cl		se		il		SX	DSM	1			py		mo		0
IHda fqh P mc	IHda mc	BXc	IH	VNS	10	2.3		0.2	PT IA PT IA	PE VNS	3 2 3 2	bi	kf	qz	se	il	cl	SX	DSM PHN CHV QVN	2 3 4 1	py			mo		CHVpy GSVqzkfpymo oc	0.3 10
FLT	FLT	BXf	IH	cl	60	0.0		4.0	IA AR	BX	3 4	cl				il		SX	DSM	1			py		mo		0
IHda fqh P mc	IHda mc	BXc	IH	VNS	10	2.3		0.2	PT IA PT IA	PE VNS	3 2 3 2	bi				il	cl	SX	DSM PHN CHV QVN	2 3 4 1	py			mo		CHVpy GSVqzkfpymo OC	0.3 10
PF	PF																										
IHda fqh P m	IHda m					0.1		4.0	PT IA AR	PE	1 4 3	cl						OX	DSM SEV FFL	1 1 2		lm				SEVqz	0.2
IHda fhq P mf D	IHda mf					1.4		0.4	PT IA	PE	3 4	se						OX	DSM FFL	2 2			hm	lm			0
IHda fqh P m	IHda m	BXc	IH	SEV	3	0.5	0.9	1.7	PT IA SE	PE	2 4 2	se					il	OX	DSM SEV FFL	222	lm		pm		hm	SEVqzhm	3
IHda fqh P m	IHda m	BXf	IPdo	IHda	96	0.2	2.5	1.4	PT IA SE	PE	2 5 2	se					kf	TO	DSM SEV FFL	3 1	pm	lm	py		cc	SEVqzpm	4
IHda fqh P mf	IHda mf	BXc	IH	SEVqz	7	1.2	1.4	1.7	PT IA SI SE	PE VNS	2 4 4 3	se					bi	OX	DSM SEV FFL	2 3 3	lm		hm	pm		SEVqzhm	7
IHda fqh P mf	IHda mf	BXc	IH	VNS	4	1.3	0.8	0.7	PT IA SE	PE	2 4 3	se				bi		TO	DSM SEV QVN SXV FFL	2 2 1 1 2	lm	py			hm	SEVqzlm QVNselm SXVpy	3 1 0.1
IHda fqh P m	IHda m	BXc	IH	VNS	4	1.3	0.2	0.1	PT IA SI ZE	PE PAT	2 4 3 1	se				kf	hu	TS	DSM SEV QVN FFL	2 3 1 2	py		lm		cp	SEVqz GSV	3 0.5
IHda fqh P m	IHda m	BXf	IH	cl se	10	1.0	1.4	1.2	PT IA SE SI AR	PE VNS STR	2 4 2 2 2	se				kf	hu	TO	DSM SEV QVN	2 3 2 3	lm	py	hm		cp	SEVqz QVN	2 1
IHda fqh P m D	IHda m	BXc		VNS	3	1.3	0.7	0.7	PT IA SE AR	PE STR	2 2 1 3	se				cl	bi	TS	DSM QVN FFL	3 2 1	py	lm			cp	GSVqzmocp	3
IHda fqh P m D	IHda m	BXf		SE CL	5	0.5	1.7	1.2	PT IA AR	PE	1 3 2	se				bi		OX	SEV QVNFFL	2 2 3	lm		pm	hm		SEV CBV	2 2
IHda fqh P m D	IHda m			VNS	4.5	2.0	0.0	0.4	PR PT IA SI AR	PE VNS STR	2 1 2 2 2	se				bi	kf	SX	DSM QVN	2 3	py		mo	cp		GSVsemo GSVmo	3 1.5
FLT	FLT	BXf										cl						SX	GMS	2	py						0
IHda fqh P m D	IHda m			VNS	4.5	2.0	0.0	0.4	PR PT IA SI AR	PE VNS STR	2 1 2 2 2	se				bi	kf	SX	DSM QVN	2 3	py		mo	cp		GSVsemo GSVmo	3 1.5
IHda fqh P m D	IHda m	BXc		VNS	1.5	2.0	0.0	0.2	PR PT IA AR	O STR	3 1 2 1	se				il		SX	DSM QVN FFL	2 1 1	py			mo	cp	GSVmocp	1.5
IHda / FLT	IHda	BXf		cl il	35	0.3	0.0	4.0	PR PT AR	PE	3 1 4	cl				mt		SX	DSM	3	py						0
IHda fqh P m D	IHda m	BXc		VNS	1.7	0.4	0.0	0.2	PR PT IA	PE	2 1 2	se						SX	DSM QVN	2 1		py				GSVmocp	1.7
IHda fqhP m D	IHda m	BXf		cl se il	10	1.0	0.0	1.9	PR PT IA AR	PE STR	2 1 2 3	se					mt	SX	DSM QVN FFL	2 2 1	py					GSVmocp	0.5
IHda fq P m D	IHda m					2.0	0.0	0.1	PR PT IA SE	PE VNS	2 1 2 1	ch	se	mt	bi	il		SX	DSM QVN QXV	2 1 2		py			cp	GSVmo QXVpycp	0.2 0.5
FLT	FLT	BXf		cl il se	65							se	cl	il				SX	SEV	5	cp					SEVqzcpmopy	10
IHda fq P m	IHda m	BXc		QVN	4	1.5	0.0	0.2	PR PT IA SI SE AR	PER PER PAT VNS VNS STR	2 1 2 2 2 2	se	mt	il	bi	cl	qz	SX	DSM QVN	1 2	py			cp	GSVmocppy	4
QVN	QVN	BXf				4.0	0.0	0.3	SI IL	VNS VNS	5 4	qz	il	se				SX	QVN	5	py	mt				GSMmo QXVpymo	4 30
IHda fq P m D	IHda m	BXc		OCN	5	1.5	0.0	0.1	PR PT IA SE	PER PER PAT VNS	2 1 2 2	se	il	kf	bi	mt		SX	DSM QVN	2 3	py					GSVmocp	5
IHda fq P m D	IHda m	BXj		VNS	23	2.4	0.0	0.4	PR PT SI SE	PER PER VNS VNS	2 1 3 4	se	qz	il	bi	ch		SX	DSM QVN QXV	2 2 5	py			mo		GSVmocp QXVseqzpycp	3 20
IHda fq P m	IHda m	BXc		QVN	5	2.0	0.0	0.2	PR PT IA AR	PER PER PAT STR	2 2 2 1	qz	bi	mt	se	il		SX	DSM CLT QVN	2 1 3	py					GSVmocp	5
FLT	FLT	BXf		qz se SX		0.5	0.0	1.5	PR PT IA AR	PER PER PER STR	2 1 2 3	cl	se		qz	bi		SX	DSM QVN	2 3		py				GSVmocp	3
IHda fq P m D	IHda m	BXc		VNS	4	2.0	0.0	0.1	PR PT IA SE	PER PER PER VNS	2 1 2 2	se	kf	bi	qz	mt		SX	DSM QVN	1 3		py				GSVmo	4
IHda fq P m	IHda m	BXf		cl se qz	25	0.5	0.0	1.5	PR PT IA AR	PER PER PER STR	2 1 2 3	se	cl	qz				SX	DSM QVN QXV	2 3 2	py					GSVmo QXVqzptcp	12 13
IHda fq P m	IHda m	BXj		VNS	28	1.0	0.0	1.2	PR PT IA AR CB	PER PER PER STR VNS	2 1 2 3 1	se	cl	qz	ca	bi		SX	DSM QVN QXV CBV	2 4 2 2	py					GSVmo QXVpy CBV	8 3 1
IHda fq P m	IHda m	BXc		VNS	6	2.0	0.0	0.2	PR PT PH	PER PER PER	2 2 1	se	bi		ch			SX	DSM QVN	2 3	py				cp	GSVmo	6
FLT	FLT	BXf				0.0	0.0	3.0																			
IHda fq P m	IHda m	BXf	IH	VNS	5	0.3	0.0	1.3	PR PT AR	PER PER STR	1 2 3	se	cl		bi			SX	DSM CLT QVN	1 1 2	py					GSVmo	5
IHda fq P m	IHda m	BXc				1.2	0.0	0.5	PR PT AR	PER PER PAT	3 1 2	se	cl	bi				SX	DSM QVN						mo	GSVmo	3
PF	PF																										
VAat R	VAat	BXc				0.0	0.5	0.2	HM PR ZE	PER PER PAT	4 1 1	hm	ch	se				OX	FFL	1						CHV	0.1
VAct f FB	VAct	BXc	VA	VNS	0.7	0.0	0.4	0.9	PR IA	PER PER	2.3	se	cl		hm			OX	QVN FFL	1 2		lm				WQVlm	0.7
VAct f P	VAct	BXc	VA	VNS	2	0.5	0.4	0.2	HM PR IA ZE	PER PER PER PAT	1 3 2 2	se	il	ep	hm	qz		TO	SEV SXV HUV FFL	2 1 2 2		lm				SEV SXV	0.9 0.1
VAct	VAct	BXf	VA	SEV cl	5	0.2	1.0	1.0	IA AR	PER STR	3 2	se	cl	il	ep	qz	ch	OX	CFL SEV	1 2		lm				SEV	4
VAct f P	VAct	BXc				3.0	0.7	0.0	HM HF SE	PAT PER PAT	1 3 5	ep	se	il	hm			TS	HMV HUV SXV FFL	2 3 1 2	py	lm				HMV HUV SXVpy	2 5 1
VAat r	VAat	BXc				1.5	0.5	0.0	HM HF PR ZE IA	PAT PER PER PAT PAT	1 2 2 4 3	ep	hm	se	qz	ch	mt	TS	HUV MTV SXV FFL	4 1 1 2	py	lm			cp	HUV SXVpy MTVpy	2 1 0.2
VAat R	VAat					0.2	0.3	0.0	HM PR PT PH ZE	PER PER PER STR PAT	2 2 1 2 3	se	ep	hm				TS	SEV HUV SXV	2 2 2	py		lm			SEV SXVpy	2 3
VApl f P m FB	VApl					1.0	0.3	0.0	HM HF PR PH SE	PAT PER PER STR PAT	2 2 3 2 3	se	ep	hm				TS	HUV QPV FFL	3 1 1		py		lm		HUVpy QPVpy	
VAclt	VAct					1.0	0.3	0.0	HM HF PR PH SE	PAT PER PER STR PAT	2 2 3 2 3	se	ep	hm				TS	HUV QPV FFL	3 1 1		py		lm		HUVpy QPVpy	
GOS	GOS	BXf		lm py		0.1	3.0	1.5	IA PH	STR STR	4 4	il	se	cl				TO	SXV FFL	4 3	py	lm				SXVpy	
VAclt	VAct					1.0	0.3	0.0	HM HF PR PH SE	PAT PER PER STR PAT	2 2 3 2 3	se	ep	hm				TS	HUV QPV FFL	3 1 1		py		lm		HUVpy QPVpy	
GOS	GOS					0.1	3.0	1.5	IA PH	STR STR	4 4	il	se	cl				TO	SXV FFL	4 3	py	lm				SXVpy	
VApl f P m FB	VApl					1.0	0.1	0.0	HM HF PR ZE	PAT PER PER PAT	2 2 3 3	se	ep	hm				TS	HUV QPV FFL	3 1 1		py		lm		HUVpy QPVpy	
VAct f P m	VAct					2.0	0.2	0.0	PR IA PH ZE	PER PER PER VNS	2 2 2 4	se	qz	ep				TS	HUV FFL	3 2		lm				HUV	4
VAat	VAat	BXC		HUV	6	2.0	0.2	0.0	HF PR EP PH	PER PER PER VNS	2 2 4 2	ep	ch	qz				TS	HUV SXV QPV FFL	4 1 1 1		py		cp		HUV SXV|pycp QPVpycp	4 0.5 0.2
VAct fh P m	VAct	BXc		HUV	8	2.0	0.2	0.0	HF PR EP PH	PER PER PER VNS	2 2 4 2	ep	ch	qz				TS	HUV SXV QPV FFL	4 1 1 1		py		cp		HUV SXV|pycp QPVpycp	4 0.5 0.2
VApl f P mc R	VApl					2.0	0.1	0.0	HF PR IA EP PH	PER PER PER PAT PER	1 2 1 3 3	se	qz	ep		bi		TS									

most → least

most → least

paired

HOLE_NO	SUBSET	FROM	TO	INT	NOTE	LITH	LITH_PLT	BXT	BXC	BXM	BM%	SI	FE	CL	mt	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	A7	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	M6	VTYP	V%
UDD-001	N353	0.00	8.00	8.00		PF	PF																													
UDD-001	N353	8.00	12.50	4.50		RUBBLE	PF	BXf	PL	cl se	40	0.4	0.6	3.4	0.0	SE SI AR AA	PER FRC BXM BXC	4 1 4 2	cl	se		il		pf	lx	OX	QHV FFL	1 2				lm	hm		QHV	0.5
UDD-001	N353	12.50	23.30	10.80	QVN SXV in clasts	FLT	FLT	BXf	TO / IP QVN	cl se py	70	0.2	0.1	2.8	0.0	PR PT SE SI AR	BXC BXC BXC BXM BXM	1 1 5 2 4	cl		se		ch	ep	kf	TR	BXC CLT	2 1				py	cp	cv		0
UDD-001	N353	23.30	27.10	3.80	PQV after ac?	TO / VBA m	VBA	BXc	TO / V	PQV	5	0.7	0.1	0.4	0.0	PT SE SI	PAT PER PAT	1 5 1	se			qz	ch	kf	lx	TO	PQV CLT FFL	2 2 1				py	hm	lm	PQV_se_py	5
UDD-001	N353	27.10	30.50	3.40		TO / VBA m	VBA	BXc	TO / V	hm lm qz	4	0.7	0.4	0.2	0.0	PR PT SE SI	PER PER PER PAT	2 2 5 1	se		ch		qz		lx	TS	QVN QHV	1 2				hm	lm	py	PQV_se WQV QHV	1.8 0.2 2
UDD-001	N353	30.50	40.95	10.45		IHdiq EP m	IHdiq	BXc	TO / IG	VNS	0.6	1.5	0.0	0.2	0.1	PR PT SE SI	PER PAT PER VNS	3 2 3 1	ch	se		kf	qz	cl	lx	SX	CLT QVN SXV	3 1 1				py		cp	WQV SXV_py	0.2 0.4
UDD-001	N353	40.95	46.30	5.35		FLT	FLT	BXf				0.1	0.0	3.9	0.0	SE AR	BXC BXM	4 5	cl		se					SX	CLT QVN SXV	2				py				0
UDD-001	N353	46.30	51.80	5.50		FLT	FLT	BXf	VA MSED	cl (se)	15	0.5	0.0	4.2	0.0	PR SE AR	BXC BXC BXM	2 5 3	se		cl		ch	qz	lx	SX	DSM CLT	1 1						py		0
UDD-001	N353	51.80	53.80	2.00		FLT	FLT	BXf	PL	cl ca		0.0	0.0	4.8	0.0	AR	PER	5	cl			se				SX	CLT QVN SXV	1					py			0
UDD-001	N353	53.80	56.70	2.90		TO / VBA m	VBA	BXc	TO	VNS	0.9	1.7	0.0	0.7	0.0	PT SE SI	PAT PER VNS	2 4 1	se		qz			lx	kf	SX	CLT PQV SXV FFL	1 1 1 2				py			PQV SEV	0.2 0.7
UDD-001	N353	56.70	61.30	4.60		FLT	FLT	BXf	TO / IG	ca cl	50	0.2	0.0	4.9	0.0	PR AR	BXC BXNM	2 5	cl				qz	ch	lx	SX	CLV DSM	1 1						py	CLV	0.3
UDD-001	N353	61.30	68.76	7.46		TO / VBA cm	VBA	BXc				0.2	0.0	0.4	0.2	PR AR	PER STR	4 2	ch			se	cl	mt	lx	SX	nil									0
UDD-001	N353	68.76	75.40	6.64		TO / VBA cm	VBA	BXc				0.0	0.0	2.7	0.0	PR PT SE	PER PAT FRC	4 1 1	ch		cl	il	ep	kf	lx	SX	nil									0
UDD-001	N353	75.40	85.90	10.50		FLT	FLT	BXf	IPdi / V	cl se	55	0.0	0.0	4.3	0.0	PR AR	BXC BXM	4 5	cl			se	ch		lx	SX	nil									0
UDD-001	N353	85.90	107.50	21.60		IHdi fhp P fm	IHdi	BXj	IH	cl	5	0.0	0.0	0.4	3.2	PR AR CB	PER STR FRC	5 2 2	ch		ep	mt	ca	cl		SX	CBV	2							CBV	2.5
UDD-001	N353	107.50	125.20	17.70	Hayaloclstite	FLT /	FLT	BXf	IPdi / V	cl	75	0.0	0.0	4.9	0.0	PR SI SE AR	BXC BXC BXC BXM	1 1 2 5		cl			se	qz	ch	SX	BXC BXM	1 1					py			0
UDD-001	N353	125.20	132.00	6.80		TO / IG ? / VBA	VBA	BXc				1.7	0.0	0.0	4.0	PR SE SC KF	PER PER PAT PAT	5 2 2 1	ch		mt		se	lx		SX	DSM CLT QVN FFL	2 2 1 1		py		cp			WQV_py	0.2
UDD-001	N353	132.00	135.40	3.40		TO / IG ? / VBA	VBA	BXj	VBA	cl se	10	0.8	0.0	1.7	0.4	PR SE SI KF AR	PER PER PAT PAT STR	5 2 2 1 2	cl		ch		mt	kf	lx	SX	DSM CLT QVN FFL	2 2 1 1		py		cp			WQV_py	0.2
UDD-001	N353	135.40	138.40	3.00		FLT	FLT	BXf	TO	cl	40	0.2	0.0	3.2	0.0	PR AR	BXC BXM	2 4	cl			se	ch			SX	nil									0
UDD-001	N353	138.40	145.70	7.30		TO / VAclt	VA	BXv	TO	VA	94	3.7	0.0	0.0	0.0	PR PT SI	PER PAT PAT	2 1 4	qz			ch		se		SX	CLT QVN SXV	5 2			cp		py		WQV_cp	2.5
UDD-001	N353	145.70	145.90	0.20		FLT	FLT	BXf	TO IG	cl	55	0.4	0.0	3.9	0.0	PR AR	BXC BXM	2 4	cl			se	ch			SX	BXC	1				py		cp		0
UDD-002	N353	0.00	8.00	8.00		PF	PF																													
UDD-002	N353	8.00	12.10	4.10		TO / VBA m	VBA	BXc				3.2	1.2	0.8	0.7	PR SE	PER FRC	4 2	ch			se				OX	LMV	2				lm	hm		LMV	1.8
UDD-002	N353	12.10	14.60	2.50		VBAl f P m	VBA					3.2	1.2	1.0	0.6	PR SE AR	PER PER STR	4 3 2	ch			se	cl		ca	TR	FFL	2					lm			0
UDD-002	N353	14.60	34.90	20.30		VAl f P cm	VBA	BXc	IP	CBV	5	0.0	0.0	0.4	1.4	PR CB	PER FRC	4 2	ch			ca		se		SX	DSM CBV	1 3						py	CBV	5
UDD-002	N353	34.90	40.00	5.10	Hayaloclastite	FLT	FLT	BXf	TO / IG	cl ca	20	0.0	0.0	2.4	0.0	PR AR	PER STR	3 4	cl				ch		se	TS	nil							pm			0
UDD-002	N353	40.00	65.20	25.20		VAl f P cm	VBA	BXc	IP	CBV	4	0.3	0.0	0.0	2.2	PR PT CB	PER PAT FRC	4 1 2	ch				ca	kf	qz	SX	CLT CBV	1 2						cp	CBV	4
UDD-002	N353	65.20	66.00	0.80		FLT	FLT	BXf		cl ca		0.0	0.0	0.7	0.0	PR AR	BXC STR	3 2	ch		cl			ca		SX	nil									0
UDD-002	N353	66.00	71.00	5.00		VBAl fpb P cm	VBA	BXc	IP	CBV	6	0.2	0.0	0.0	1.4	PR PT CB	PER GMS FRC	4 1 2	ch			kf	ca		ep	SX	CBV	2							CBV	6
UDD-002	N353	71.00	71.90	0.90		FLT	FLT	BXf		cl ca		0.0	0.0	0.7	0.0	PR AR	BXC STR	3 2	ch		cl			ca		SX	nil									0
UDD-002	N353	71.90	75.00	3.10		VBAl fpb EP cm	VBA	BXc	IP	CBV	6	0.2	0.0	0.0	1.4	PR PT CB	PER GMS FRC	4 1 2	ch			kf	ca		ep	sx	CBV	2							CBV	6
UDD-002	N353	75.00	75.40	0.40		FLT	FLT	BXf		cl ca		0.0	0.0	0.7	0.0	PR AR	BXC STR	3 2	ch		cl			ca		SX	nil									0
UDD-002	N353	75.40	89.20	13.80		VABl fpb EP cm	VBA	BXc	IP	CBV	6	0.2	0.0	0.0	1.4	PR PT CB	PER GMS FRC	4 1 2	ch			kf	ca		ep	SX	CBV	2							CBV	6
UDD-002	N353	89.20	91.00	1.80		FLT	FLT	BXf	IG	ch cl	80	0.0	0.0	0.8	0.1	PR AR	BXC STR	4 2	ch				cl			SX	nil									0
UDD-002	N353	91.00	106.00	15.00	Volc?	IHdi fp P mf	IHdi	BXc	IH	CBV	2	0.0	0.0	0.0	1.1	PR PT EP CB	PER GMS PAT FRC	3 1 1 2	ch				kf	ca	ep	SX	CBV	2						cp	CBV	2
UDD-002	N353	106.00	113.20	7.20		TO / VBAct	VBA	BXj	TO / IG	VNS	6	1.3	0.0	0.2	0.3	PR SE SI CB	PER PER VNS FRC	3 3 2 1	ch		se	qz		ca	lx	SX	QCV CLT CBV	2 2 1					py	cp		QCV_pycp CBV	4 2
UDD-002	N353	113.20	127.90	14.70		TO / VBAl f P mf	VBA	BXc	TO / V	CBV	1.5	1.7	0.0	0.3	0.4	PR SE CB	PER PER FRC	3 3 2	ch	se			ca		lx	SX	CLT FFL CBV	1 1 2						py	cp	CBV	1.5
UDD-002	N353	127.90	129.70	1.80	Hayaloclastite	TO / IG ? / VBA	VBA	BXj	TO / IG	QVN	25	3.3	0.0	0.5	0.0	PR SE CB	PER PAT FRC	3 5 1	qz		ch	se		ca		SX	QXV CLT	4 4		py				cp	QXV CBV	25 2
UDD-002	N353	129.70	138.90	9.20		FLT	FLT	BXf	TO / IG	ch cl	20	0.0	0.0	1.2	0.0	PR CH CB AR	PER STR FRC STR	4 3 1 1	ch		cl			ca	lx	SX	DSM CBV	1 2					py		CBV	1
UDD-002	N353	138.90	158.50	19.60	Volc?	IHdi fp P mf	IHdi	BXc				0.7	0.0	0.3	1.9	PR CH CB AR	PER PHN FRC STR	4 3 1 1	ch				se	ca	lx	SX	DSM FFL CBV	1 1 1					py		CBV	0.5
UDD-002	N353	158.50	160.30	1.80		BXh	BXh	BXh	IHdi	QXV	30	2.9	0.0	0.5	0.0	PR SI SE	PAR PAT PER	3 4 3	ch	qz		se				SX	QXV CLT FFL	4 3 2		py		cp	mo		QXV_pycpmo	30
UDD-002	N353	160.30	162.20	1.90	Volc?	IHdi fp P mf	IHdi	BXc				0.7	0.0	0.3	1.9	PR CH CB AR	PER PHN FRC STR	4 3 1 1	ch				se	ca	lx	SX	DSM FFL CBV	1 1 1					py		CBV	0.5
UDD-002	N353	162.20	164.10	1.90		FLT	FLT	BXf	IHdi	cl ca	20	0.5	0.0	1.8	0.4	PR AR	BXC STR	2 4								SX										
UDD-002	N353	164.10	168.00	3.90		VBA fp P mf	VBA	BXc				0.7	0.0	0.3	1.9	PR CH CB AR	PER PHN FRC STR	4 3 1 1	ch				se	ca	lx	SX	DSM FFL CBV	1 1 1					py		CBV	0.5
UDD-002	N353	168.00	170.20	2.20		FLT	FLT	BXf	IHdi	cl ca	20	0.5	0.0	1.8	0.4	PR AR	BXC STR	2 4								SX										
UDD-002	N353	170.20	172.70	2.50	Volc?	IHdi fp P mf	IHdi	BXc				0.7	0.0	0.3	1.9	PR CH CB AR	PER PHN FRC STR	4 3 1 1	ch				se	ca	lx	SX	DSM FFL CBV	1 1 1					py		CBV	0.5
UDD-002	N353	172.70	173.00	0.30		FLT	FLT	BXf	IHdi	cl ca	20	0.5	0.0	1.8	0.4	PR AR	BXC STR	2 4								SX										
UDD-002	N353	173.00	192.50	19.50	Volc?	IHdi f P m	IHdi	BXc	IH	VBV	4	1.5	0.0	0.3	1.8	PR PT SE CB	PER GMS PAT FRC	4 2 1 2	ch				kf	se	ca	SX	DSM CBV	1 2						py	CBV	4
UDD-002	N353	192.50	200.00	7.50	Hayaloclastite	TO / VBA / FLT	VBA	BXf	TO IG	ch cl	70	0.0	0.0	4.3	0.0	PR CH AR	BXC BXM BXM	2 4 4	cl	ch						SX	nil									0
UDD-002	N353	200.00	203.30	3.30	Hayaloclastite	TO / VBA / FLT	FLT	BXf	VA / IG	cl ca	55	1.0	0.0	2.6	0.0	PR SI AR CB	BXC BXC BXM BXM	1 2 4 2	cl			ca		se	qz	SX	DSM	1						py		0
UDD-002	N353	203.30	205.80	2.50	Lava?	TO / IHdiq P mc	IHdiq					2.4	0.0	0.0	0.0	PR SI SE	PER PER PER	4 2 1	ch		se	qz			lx	SX	DSM CLT	1 2			py			cp		0
UDD-002	N353	205.80	211.10	5.30		FLT	FLT	BXf	VA / IG	cl ca	55	0.4	0.0	3.0	0.0	PR SI AR CB	BXC BXC BXM BXM	2 2 4 2	cl			ca		se	qz	SX	BXC DSM	2 1					py			0
UDD-002	N353	211.10	219.40	8.30	Large felds lava?	IHdiq P mc	IHdiq	BXc	IH	VNS	4	3.4	0.0	0.4	0.0	PR PT SI SE AR CB	PER PAT PER VNS STR FRC	3 2 2 3 1 1	qz		ch	se	ca	kf	lx	SX	DSM CLT SXV QVN	1 2 3 1	cp	sp		py	mo	QXV_cpsp SIV	4 0.5
UDD-002	N353	219.40	226.20	6.80		FLT	FLT	BXf	IH	cl ca	25	0.4	0.0	2.5	0.0	PR SE AR CA	BXC BXC BXM BXM	2 2 4 1	cl	se			qz	ch	ca	SX	DSM BXC	1 1					py			0
UDD-002	N353	226.20	228.00	1.80		TO / SED / V	TO	BXj	TO	VNS	30	3.9	0.0	0.4	0.0	PR SE SI CB	PER PER VNS FRC	2 3 4	se	qz	ch				cl	SX	CLT QXV QVN	1 4 2	cp		sp	py			QXV_cpsp wqv	25 5
UDD-002	N353	228.00	240.80	12.80		TO / VBA f P fm	VBA	BXc				1.3	0.0	0.8	3.2	PR IA EP AR CB	PER PER REP STR FRC	4 1 2 2 1	ch		se		ep	cl	ca	SX	DSN CLT	1 1					cp	py		0
UDD-002	N353	240.80	245.30	4.50		IHdi f P mf	IHdi	BXc	IH	VNS	15	1.9	0.0	0.1	0.2	PR PT IA EP AR	PER PAT PER REP STR	3 1 2 3 1	ch	ep		se	qz		cl	SX	DSM QVN FFL	1 1 2					py		PQV	1.5
UDD-002	N353	245.30	245.60	0.30		FLT / VBA	FLT	BXf		cl																										
UDD-002	N353	245.60	255.00	9.40		IHdi f P mf	IHdi	BXc	IH	VNS	15	1.9	0.0	0.1	0.2	PR PT IA EP AR	PER PAT PER REP STR	3 1 2 3 1	ch	ep		se	qz		cl	SX	DSM QVN FFL	1 1 2					py		PQV	1.5
UDD-002	N353	255.00	281.80	26.80	Hayaloclastite?	FLT / VBA HC	FLT	BXf	PL QVN SED IG	cl ca		0.4	0.0	3.4	0.0	PR SE SI AR CB	BXC BXC BXC BXM BXM	2 2 2 4 1	cl		se	qz		ca		SX	BXC CLT	2 1					py			0
UDD-002	N353	281.80	286.80	5.00	Hayaloclastite?	BXh / FLT	BXh	BXh	TO	ch cl	15	0.5	0.0	0.0	0.0	PT SE CH	BXC BXC BXM	1 5 3	se			ch	qz		kf	SX	BXM	1		py	sp	cp	mo			0
UDD-002	N353	286.80	293.80	7.00	Hayaloclastite?	TO / IG / BX HC	TO	BXh	TO	SI	60	4.7	0.0	0.7	0.0	SE IL SI	BXC BXC BXM	1 2 5	qz				se	il	cl	SX	QVN	3						mo			
UDD-002	N353	293.80	295.00	1.20	Hayaloclastite?	FLT	FLT	BXf	TO	cl		0.1	0.0	4.2	0.0	PR SE AR	BXC BXC BXM	1 2 5	cl			se	ch			SX	BXC	1						py		0
UDD-002	N353	295.00	306.90	11.90	Hayaloclastite?	TO / IG / VBA HC	TO	BXc	IPO	VNS	3	4.0	0.0	0.7	0.0	PT IA SE AR	PAT PAT PER STR	1 1 4 1	qz		kf	ch	cl	se	lx	SX	QVN DSM CLT					py	cp	sp	WQV_sp	3
UDD-002	N353	306.90	308.20	1.30	Hayaloclastite?	FLT	FLT	BXf				1.7	0.0	2.4	0.0	PT SE AR	BXC BXC BXM	2 2 3	cl			qz	il	ch	kf	SX	BXC	1					py			0
UDD-002	N353	308.20	319.50	11.30	Hayaloclastite?	TO / IG / VBA HC	VBA	BXc	TO	VNS	4	3.7	0.0	0.1	0.0	PT SE SI SI	PER PAT PER VNS	1 2 4 2	qz			se	kf	il	cl	SX	SIV CLT DSM	2 2 2		py				cp	WQV_sp	4
UDD-002	N353	319.50	325.90	6.40	Hayaloclastite?	FLT	FLT	BXf		cl	20	1.0	0.0	3.0	0.0	PT SI AR	BXC BXC STR	1 4 3	cl		se	qz	kf			SX	BXC CLT	2 2					py	cp		0
UDD-002	N353	325.90	326.40	0.50	Hayaloclastite?	TO / IG / VBA HC	VBA	BXc	TO	VNS	4	3.7	0.0	0.1	0.0	PT SE SI SI	PER PAT PER VNS	1 2 4 2	qz			se	kf	il	cl	SX	SIV CLT DSM	2 2 2		py				cp	WQV_sp	4
UDD-002	N353	326.40	328.40	2.00	Hayaloclastite?	TO / VBAl m	VBA					1.8	0.0	0.5	0.0	PR PT SE AR	PER PER PER STR	4 3 2 1	ch		kf	se	qz	il	lx	SX	DSM	2					py			0
UDD-002	N353	328.40	329.90	1.50	Hayaloclastite?	FLT	FLT	BXf				1.0	0.0	3.0	0.0	PT SI AR	BXC BXC STR	1 4 3	cl		se	qz	kf			SX	nil									0
UDD-002	N353	329.90	336.60	6.70	Hayaloclastite?	TO / IG / VBA HC	VBA	BXc				2.7	0.0	0.5	1.1	PR PT PH	PER PER PER	1 4 4	se		il	ep	ch	kf	ep	SX	DSM CLT SXV QVN	1 1 1			py			cp	SXV_py	0.2
UDD-002	N353	336.60	344.90	8.30	Hayaloclastite?	IPdi EP mc	IPdi					2.9	0.0	0.0	0.7	PR PT PH	PER PER PER	1 3 2	qz	kf	se	ch		lx		SX	DSM CLT	2 3			py		cp			0
UDD-002	N353	344.90	370.10	25.20	Hayaloclastite?	TO / VA ?B / FB	TO					3.2	0.0	0.0	0.0	PT PH EP	PER PER SEL	1 3 1	se	qz		kf	il	cl	lx	SX	DSM CLT	2 3	py					cp		0
UDD-002	N353	370.10	373.20	3.10	Hayaloclastite?	FLT	FLT	BXf	PL	cl	70	0.0	0.0	5.0	0.0	AR	PER	5	cl							SX	nil									0

HOLE_NO	SUBSET	FROM	TO	INT	NOTE	LITH	LITH_PLT	BXT	BXC	BXM	BM%	SI	FE	CL	mt	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	A7	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	M6	VTYP	V%
UDD-002	N353	373.20	396.00	22.80	VBA?	BXp	BXp	BX1	PL QVN IP V	rf qz py	65	2.7	0.0	0.4	0.0	PT PR SI SE SI	BXC BXC BXC BXC BXM	1 2 3 3 3	qz	se		il	ch	lx	cl	SX	BXC BXM	1 3			py					0
UDD-003	N354	0.00	3.80	3.80		VBA HC	VBA	BX4		rf / TO	100	4.7	0.2	0.3	0.0	SA	PER	5	qz			al				OX	FFL	1						lm		0
UDD-003	N354	3.80	7.00	3.20		VBA HC	VBA	BX1	PL SM	SA rf	60	4.8	0.3	0.0	0.0	SM SA	BXC PER	5 5	qz		al		ch			TO	BXC PEM FFL	1 1 1				lm	so	py		0
UDD-003	N354	7.00	9.90	2.90		VBA HC	VBA	BX1	PL / SM	SG CG	75	1.4	0.0	3.0	0.0	SM CG	BXC BXM BXM	2 5	cl			qz				OX	PEM	3			so					0
UDD-003	N354	9.90	14.50	4.60		BXp	BXp	BX3	SM / PL	re SA	90	2.0	0.1	1.3	0.0	SM CA SC CG	BXC PER PER STR	2 4 3 3	cl			pf	qz	al	dk	OX	PEM FFL	2 2				so		lm		0
UDD-003	N354	14.50	21.30	6.80		FLT	FLT	BXf	BXP	cl pf	40	1.5	0.0	2.4	0.0	SA CG AR	BXC BXM STM	3 4 3	cl		qz	al	pf			SX	CLT	1					py			0
UDD-003	N354	21.30	30.40	9.10		FLT	FLT	BXf	PL	cl	4.8	0.9	0.0	3.5	0.0	SA PR AR	BXC BXC BXM	2 1 4	cl			qz	al	pf	ch	SX	DSM	1					py			0
UDD-003	N354	30.40	36.60	6.20		VBAct f?	VBA	BXc	VBA	VNS	2.5	0.5	0.5	0.0	0.0	PR SE CH SI	PER PER PAT FRC	4 3 2 1	ch		se		qz		lx	TR	SXV PFV FFL	1 1 1			py	cc	pm	so	SXV_py PFV	0.5 2
UDD-003	N354	36.60	42.00	5.40		VBAct m (q)	VA	BXc	VA	VNS	2	0.5	0.5	0.0	0.0	PR SE CH SI	PER PER PAT FRC	4 3 2 1	ch		se		qz		lx	OX	PFV FFL	1 1 1				pm	so	PFV	2
UDD-003	N354	42.00	45.70	3.70		VBAct f?	VBA	BXc	VBA	VNS	2.5	0.5	0.5	0.0	0.0	PR SE CH SI	PER PER PAT FRC	4 3 2 1	ch		se		qz		lx	TR	SXV PFV FFL	1 1 1				pm	so	PFV	2
UDD-003	N354	45.70	47.70	2.00		FLT / VBA HC	FLT	BXf	VA	se cl	60	0.4	1.0	3.5	0.0	PT PR SE AR	BXC BXC BXM BXM	1 2 3 2	se	cl		ch	qz	kf		TO	BXM	4		hm		lm				0
UDD-003	N354	47.70	50.80	3.10		VBAct f?	VBA	BXc	VBA	VNS	2.5	0.5	0.5	0.0	0.0	PR SE CH SI	PER PER PAT FRC	4 3 2 1	ch		se		qz		lx	TR	SXV PFV FFL	1 1 1					pm	so	PFV	2
UDD-003	N354	50.80	51.20	0.40		FLT / VBA HC	FLT	BXf	VA	se cl	60	0.4	1.0	3.5	0.0	PT PR SE AR	BXC BXC BXM BXM	1 2 3 2	se	cl		ch	qz	kf		TO	BXM	4		hm		lm				0
UDD-003	N354	51.20	58.80	7.60		VBAct f?	VBA	BXc	VBA	VNS	2.5	2.8	0.3	0.0	0.0	PR PT SE	PAR PAT PER	2 2 2	ch	se			kf		lx	TS	FFL	1				hm	lm	so		0
UDD-003	N354	58.80	64.05	5.25		IDYdi fq P m	IDY fq P					0.4	0.0	0.0	2.1	PR PT SE CB	PER PAT PHN FRC	2 1 1 1			ch	se	qz	kf	ca	SX	FFL	1								0
UDD-003	N354	64.05	67.00	2.95		VBAct m (q)	VBA	BXc	VBA	VNS	1	0.4	0.0	0.0	0.0	PR CH SE CB	PER PAT FRC PER	3 2 1 1			ch		se		ca	SX	QVN SEV	1 1							WQV SEV	0.5 0.5
UDD-003	N354	67.00	68.00	1.00		FLT / VBA HC	FLT	BXf																		TR										0
UDD-003	N354	68.00	78.00	10.00		VAct m (q)	VA	BXf	VA	cl		0.4	0.0	1.0	0.0	PR CH SE CB AR	PER PAT FRC PER STR	3 2 1 1 2			ch	cl	se		ca	SX	QVN SEV	1 1							WQV SEV	0.5 0.5
UDD-003	N354	78.00	82.50	4.50		FLT	FLT	BXf	IG fg	cl	65	0.0	0.0	1.9	0.0	PR CH AR CB	BXC BXM STR STR	2 2 3 2	ch	cl		ca	qz		lx	SX	nil									0
UDD-003	N354	82.50	88.00	5.50		FLT	FLT	BXf	IG fg	cl	30	0.4	0.0	1.5	0.0	PR SI CH AR CB	BXC BXC BXM STR STR	2 2 2 3 2	ch		cl	ca	qz		lx	SX	BXC	2				py				0
UDD-003	N354	88.00	96.60	8.60		VAclt	VA	BXc	VA	VNS	6	2.6	0.0	0.0	0.0	PR SE SI CB	PER PHN BXM FRC	3 3 3 2	ch	se	qz		ca			SX	QVN SXV CLT	2 1 2			py		cp		WQV_cp SXV	4 2
UDD-003	N354	96.60	97.70	1.10		FLT	FLT	BXf	VA	cl se ch ca	70	0.0	0.0	2.8	0.0	AR CB	BXM BXM	4 2	ch		cl	ca	se			SX	nil										0
UDD-003	N354	97.70	120.00	22.30		VAq l P m	VAq	BXc	VAq	VNS	6	0.6	0.0	0.0	0.0	PR SI SE CH CB	PER VNS PER PHN FRC	2 1 1 1 2	ch		ca	qz		se		SX	SXV CBV	2 2			py			sp	SXV_qz_pysp CBV	4 2
UDD-003	N354	120.00	140.10	20.10		VAq l f P m	VAq	BXc	VAq	CVB	3	0.3	0.0	0.0	0.4	PR SE CG CB	PER PER PAT FRC	2 2 2 3	ch		se	ca		lx		SX	CBV	2							CBV	3
UDD-003	N354	140.10	141.60	1.50		FLT	FLT	BXf		cl																SX										
UDD-003	N354	141.60	150.20	8.60		VAq l f P m	VAq	BXc	VAq	CVB	3	0.3	0.0	0.0	0.4	PR SE CG CB	PER PER PAT FRC	2 2 2 3	ch		se	ca		lx		SX	CBV	2							CBV	3
UDD-003	N354	150.20	152.50	2.30		FLT / VA HC	FLT	BXf	VBA	cl ca	30	0.0	0.0	2.0	0.0	PR AR CB	BXC PER PER	3 3 2	cl		ca	ch				SX	nil									0
UDD-003	N354	152.50	157.30	4.80		VAct / l HC	VA	BXf	VA	ca se	25	1.9	0.0	1.0	0.0	PR SI SE CB	BXC BXC BXM STR	3 2 3 2	se		ch	cl	ca	lx		SX	nil									0
UDD-003	N354	157.30	169.30	12.00		TO / VBAct f P mf HC	VBA	BXc				0.0	0.0	0.0	0.0	PR SE CB	PER PER FRC	2 3 1		se	ch		ca		lx	SX	FFL CBV	2 1					py		CBV	0.5
UDD-003	N354	169.30	170.70	1.40		FLT	FLT	BXf	TO / VA	ch se cl		0.0	0.0	0.8	0.0	SE AR CB	PER PER PER	3 2 2	se		cl	ch	ca			SX	nil									0
UDD-003	N354	170.70	185.30	14.60		VAct / l P mf	VA	BXc	VA	CBV	25	0.2	0.0	0.0	0.0	PR SE CH CB	PER PER PHN FRC	2 3 2 2	se		ch		ca		lx	SX	DSM CLT CBV	2 3 2		py					CBV	2.5
UDD-003	N354	185.30	208.35	23.05		VBAct / l P m	VBA	BXc	VBA	CBV	1.5	0.0	0.0	0.0	0.0	PR SE CH CB	PER PER PHN FRC	2 2 2 1		se	ch		ca		lx	SX	DSM CBV	2 2			py			cp	CBV	1.5
UDD-003	N354	208.35	209.10	0.75		FLT	FLT	BXf	VA TO	cl		0.0	0.0	3.2	0.0	AR	STR	3	cl				se	ca		SX	nil									0
UDD-003	N354	209.10	224.10	15.00		VAct / l P m	VA	BXc	VA	CBV	1.5	0.0	0.0	0.0	0.0	PR SE CH CB	PER PER PHN FRC	2 2 2 1		se	ch		ca		lx	SX	DSM CBV	2 2			py			cp	CBV	1.5
UDD-003	N354	224.10	225.90	1.80		FLT	FLT	BXf	VA TO	cl		0.0	0.0	3.2	0.0	AR	STR	3	cl				se	ca		SX	nil									0
UDD-003	N354	225.90	243.00	17.10		TO / IG / VA HC	TO	BXf	VA / TO	cl	10	0.5	0.0	1.4	0.0	PR PT SE CH AR	PER PER PAT PHN STR	1 1 2 2 3	se		cl		qz	kf	il	SX	DSM CLT SXV QVN	2 2 1			py		cp		SXV	0.2
UDD-003	N354	243.00	259.40	16.40		VAq l/ ct P m	VAq	BXc	VA	VNS	2	1.7	0.0	0.0	0.0	PR PT SI SE CB	PER PAT PER PER FRC	3 1 1 1 1	se			qz	ch	kf	lx	SX	DSM CLT SXV QVN	1 3 1			py	cp			SEV SXV_cppy	0.5 1.5
UDD-003	N354	259.40	265.70	6.30		FLT	FLT	BXf	VA	cl ch	40	0.0	0.0	3.5	0.0	PR SE AR	BXC BXC BXM	2 4 4	cl		se	ch				SX	BXC	1				py		cp		0
UDD-003	N354	265.70	275.20	9.50		VAct f P fm HC	VA	BXc	VA	CBV	3	0.0	0.0	0.0	0.0	PR SE CB	PER PER FRC	2 3 2	se		ch		ca			SX	CBV DSM CLT	2 2 2			py	cp			CBV	3
UDD-004	N352	0.00	7.00	7.00		PF	PF																													
UDD-004	N352	7.00	13.00	6.00		FLT / VA HC	VA	BXf	VBA SM	CS	40	1.0	0.3	4.0	0.0	SI CS	BXC BXM	5 5	cl	qz				al		TR	CLT DSM	2 1		py		so		lm		0
UDD-004	N352	13.00	108.00	95.00		FLT / VBA HC	VBA	BXf	VBA SM SE	cl qz al	45	1.0	0.0	3.0	0.0	SM SE AR CG	BXC BXC BXM PAT	4 2 5 3	cl	qz				al		SX	DSM	2			py					0
UDD-004	N352	108.00	128.30	20.30		FLT / VBA HC	VBA	BXf	TO / VBA	cl pf	10	0.0	0.0	1.0	0.0	SI SE AA	BXC PER BXM	3 5 2	se		qz	cl		pf		SX	DSM	1					py			0
UDD-004	N352	128.30	130.30	2.00		VAl f P m	VA	BXc	VA	cl ch se	10	0.5	0.0	0.4	0.0	PR PH CH AR	PER PER PER STR	2 3 2 2	se	ch		qz	cl		lx	SX	DSM CLV	1 1					py		CLV	0.3
UDD-004	N352	130.30	136.10	5.80		VAl d P m / IDY?	VA	BXc	IDY VA	CLV	0.2	0.7	0.0	0.3	0.0	SE CH AR	PER PER STR	2 5 2	ch			se		cl	lx	SX	DSM CLV	1 1						py	CLV	0.2
UDD-004	N352	136.10	137.70	1.60		FLT	FLT	BXf	TO / VA	ch se cl	60	0.0	0.0	3.7	0.0	PR AR	BXC BXM	3 4	cl		ch	se				SX	nil									0
UDD-004	N352	137.70	148.50	10.80	Pyroxene?	TO / VBA HC	VBA	BXc	IP	IPpl	2	0.4	0.0	0.2	0.0	PR AB CH SE	PER STR PER PAT	3 2 4 2	ch		se		qz			SX	ABV DSM WQV	1 1 1					py	cp	ABV_py WQV	2 0.1
UDD-004	N352	148.50	150.00	1.50		IHdi	IHdi	BXi	TO	IH	60	0.3	0.0	0.7	0.0	SE CH SI	BXC BXM VNS	3 3 1	ch		se			kf		SX	CLT QVN	3 1			py				CXQ_py_CL	0.3
UDD-004	N352	150.00	155.80	5.80		VBA HC	VBA	BXc				1.5	0.0	0.2	0.0																					
UDD-004	N352	155.80	181.50	25.70		TO / VBAl P m	VBA	BXc	VA / IP	IHdi	70	2.9	0.0	0.4	1.0	SE PR PT CH SI AR	BXC BXM BXM PER STR STR	2 4 1 4 2 2	ch	qz	se	kf	mt	cl	lx	SX	DSM CLT SIV	2 3 2			py			cp	GSV_kf	5
UDD-004	N352	181.50	186.30	4.80		VBAclt	VBA	BXv	IDY VA	SXV	0.5	2.7	0.0	0.0	0.5	PR PT SE SI PH	PER PAT PER VNS PAT	2 3 2 1 4	se	qz	kf	ch				SX	DSM SXV SIV	1 1 1				py			SXV_py GSV	0.3 0.2
UDD-004	N352	186.30	191.70	5.40	PURPLE MIN ON FRACT!	VBAl HC	VBA	BXv				2.4	1.4	0.2	4.0	PT MT CH SE EP	PER PER PAT PAT PAT	3 4 3 1 1	ch	mt	kf	qz		se	ep	TR	DSM CLTFFL	2 2 2		mt		lm	hm	py		0
UDD-004	N352	191.70	193.00	1.30		FLT	FLT	BXf		se cl py		0.7	0.0	2.4	0.0	SE AR	STR STR	4 3	cl	se						SX	CLT	4			py					0
UDD-004	N352	193.00	208.90	15.90		VBAl	VBA	BXc				1.0	0.0	0.5	0.7	PR PT SE SI PH	PER PAT PER VNS PAT	2 3 2	ch		qz	kf	il			SX	DSM CLT	2 1				py		cp		0
UDD-004	N352	208.90	212.00	3.10		IHdi AP f	IHdi	BXc	IH	CLV	1	0.5	0.0	0.0	0.0	PR SE EP	PER PER SEL	2 4 3	se			ep	ch	qz		SX	nil									0
UDD-004	N352	212.00	218.70	6.70		IHdi E mf	IHdi	BXc				1.5	0.0	0.4	0.6	PR PT SE CH HM AA	PER PAT PER PER FRC FRC	3 1 2 3 1 1	ch	se		qz	ep	cl	pf	SX	DSM SXV PFV	1 1 1					py	cp	SXV PFV	0.2 0.4
UDD-004	N352	218.70	219.00	0.30		FLT / VBA HC	FLT	BXf	VBA?	cl se pf																										
UDD-004	N352	219.00	226.60	7.60		VBA HC	VBA	BXc				1.5	0.0	0.4	0.6	PR PT SE CH HM AA	PER PAT PER PER FRC FRC	3 1 2 3 1 1	ch	se		qz	ep	cl	pf	SX	DSM SXV PFV	1 1 1					py	cp	SXV PFV	0.2 0.4
UDD-005	N353	0.00	22.50	22.50		PF	PF																													
UDD-005	N353	22.50	38.10	15.60	int fract	VBAat R	VBA	BXc	VA R	CBV	10	0.0	0.4	0.0	1.2	HM SE SI CB	PER FRC FRC FRC	3 2 1 3	hm		ca	se	ch	qz	ep	OX	CBV	3					hm		CBV	10
UDD-005	N353	38.10	51.20	13.10		FLT / VBA HC	VBA	BXf	VA R	se cl	40	0.1	0.1	1.9	0.0	SE AR	PER STR	3 2	se		cl		ch	hm		OX	FFL	1						lm		0
UDD-005	N353	51.20	57.00	5.80		VAat R][VAct B	VA	BXt	VA	cl ca	5	0.0	0.0	0.0	1.5	HM CH SE CB	PER PER PER FRC	2 3 2 2	ch		hm	se	ca			OX	CBV FFL	3					hm		CBV	5
UDD-005	N353	57.00	60.90	3.90		FLT	FLT	BXf	VA	cl	30	0.0	0.4	4.0	0.0	PR SE HM AR	BXC BXC BXC BXM	2 4 2 3	cl	se	ca	hm				OX	BXM	2				lm	hm			0
UDD-005	N353	60.90	65.90	5.00		TO / VA? B	VA	BXc				0.0	0.0	1.0	1.0	PR SE HM	PAT PER PAT	1 5 2	se			cl	hm	ca		OX	nil									0
UDD-005	N353	65.90	69.80	3.90		VA / SED B	MSED	BXf				0.0	0.0	0.0	1.4	HM CH SE CB	PAT PER BED FRC	1 3 5 1	se		ch		hm	ca	ep	OX	CBV	1							CBV	1
UDD-005	N353	69.80	71.00	1.20		VA / SED B	MSED	BXt	VA R			0.0	0.0	0.0	1.0	HM CH CB	PER PAT FRC	4 3 2	hm		ch		ca			OX	CBV	2							CBV	5
UDD-005	N353	71.00	74.20	3.20		VA / SED B	MSED	BXt				0.0	0.0	0.0	1.0	HM CH SE CB	PAT PER BED FRC	1 3 5 1	se		ch		hm	ca		OX	CBV	1							CBV	1
UDD-005	N353	74.20	75.20	1.00		FLT	FLT	BXf	VA SED	cl se	30	0.0	0.0	4.0	0.0	HM CH CB AR	PAT PAT FRC STR	3 3 1 4	cl	se	hm	ch				OX	nil									0
UDD-005	N353	75.20	76.95	1.75		VA / SED B	MSED	BXc	VA	CBV	3	0.0	0.0	0.0	1.0	CH HM CB	PER PAT FRC	4 2 2	ch			ca	hm			OX	CBV	2							CBV	3
UDD-005	N353	76.95	80.75	3.80		FLT	FLT	BXf	VA	se cl	20	0.0	0.0	2.0	0.0	HM SE AR	PAT PER STR	1 5 3	se		cl			hm		OX	nil									0
UDD-005	N353	80.75	82.40	1.65		VBA HC / SED B	VBA	BXt				0.0	0.0	1.0	0.4	HM CH SE CB	PER PAT PAT FRC	2 5 2 1	ch		hm		se	ca		OX	CBV	1							CBV	0.5
UDD-005	N353	82.40	90.30	7.90		FLT	FLT	BXf	VA	se cl	20	0.0	0.0	2.0	0.0	HM SE AR	PAT PER STR	1 5 3	se		cl			hm		OX	nil									0
UDD-005	N353	90.30	94.10	3.80		VBA HC / SED B	VBA	BXt				0.0	0.0	1.0	0.4	HM CH SE CB	PER PAT PAT FRC	2 5 2 1	ch		hm		se	ca		OX	CBV	1							CBV	0.5
UDD-006	N354	0.00	6.00	6.00		PF	PF																													
UDD-006	N354	6.00	31.70	25.70		FLT SHEAR	FLT	BXf	TO PL	cl	60	0.0	0.0	3.5	0.0	SE AR	BXC BXM	3 4	cl		se			ch		SX	DSM	2					py			0

HOLE_NO	SUBSET	FROM	TO	INT	NOTE	LITH	LITH_PLT	BXT	BXC	BXM	BM%	SI	FE	CL	mt	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	A7	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	M6	VTYP	V%
UDD-006	N354	31.70	46.00	14.30		VAct f P f HC	VA					0.7	0.0	0.4	0.0	PR PT SE SI AR	PAT PAT PER PER STR	1 2 3 1 2	se		cl	qz	kf	ch		SX	DSM CLT SXV	1 2 2			py		cp	SXV_pycp	0.7
UDD-006	N354	46.00	63.50	17.50		VBAl f p fm VE	VBA	BXc	VA	VNS	0.7	0.7	0.0	0.2	0.0	PR PT SE SI CB	PAT PAT PER VNS VNS	2 2 1 1 1	qz	kf	ch		ca	se	lx	SX	CLT DSM QXV CBV	1 2 1 1				py		cp	QXV CBV	0.3 0.4
UDD-006	N354	63.50	64.30	0.80		FLT	FLT	BXf	VA	cl	40	0.0	0.0	4.0	0.0	PR SE AR	BXC BXC BXM	2 2 5	cl			se	ch			SX	nil									0
UDD-006	N354	64.30	78.00	13.70		VAl f VE VAct B	VA	BXc	VA	VNS	3	1.9	0.0	0.0	0.0	PR PT SE CB	PER PER PER VES	1 2 2 1	qz		kf	se	ca		lx	SX	DSM CLT QXV CBV	2 2 1 1			py			cp	QXV_pycp CBV	2 1
UDD-006	N354	78.00	80.60	2.60		FLT VA HC	FLT	BXf	TO PL	cl py	70	0.0	0.0	4.7	0.0	AR	STR	4	cl				il	se	ch	SX	DSM CLT	2 2				py				0
UDD-006	N354	80.60	87.50	6.90		VAct / FLT	VA	BXf	VA /IH?	cl py	15	0.5	0.0	2.4	0.0	PR PT AR CB	BXC BXC BXM FRC	1 2 2 1	cl			se	qz	kf	lx	SX	DSM CLT	2 2			py					0
UDD-006	N354	87.50	96.00	8.50		VAq PE mf	VAq	BXc				1.7	0.0	0.7	0.0	PR PT PH CB AR	PER PER PAT FRC STR	2 2 1 1 1	qz		kf	se	cl	ch	lx	SX	DSM CLT CBV	2 2 1			py		cp		CBV	2.1
UDD-006	N354	96.00	111.00	15.00		VAq PE mf / FLT	VAq	BXc	VAq	VNS cl	3.5	1.5	0.0	1.3	0.0	PR PT SE GP AR	PER PAT PER VNS STR	1 2 2 2 2	se	qz	kf	cl	gp		lx	SX	DSM CLT GPV	1 2 3			py			cp	GPV	3.5
UDD-006	N354	111.00	119.80	8.80		VAq PE mf	VAq	BXc	VAq	GPV	0.5	2.0	0.0	0.1	0.0	PR PT SE CB GP	PER PER PER VNS VNS	1 2 2 1 1	se	qz	kf			gp	ca	SX	DSM CLT GPV CBV	1 2 1 1			py			cp	GPV CBV	0.2 0.3
UDD-006	N354	119.80	124.30	4.50		FLT VBA HC	VBA	BXf	TO / VBA	cl py se	50	0.2	0.0	3.4	0.0	PT SI AR	BXC BXC STR	1 1 4	cl			se				SX	BXC BXM	2 1				py				0
UDD-006	N354	124.30	137.10	12.80		VBAl HC	VBA	BXc	TO / VBA	VNS	1.5	3.7	0.0	0.9	0.0	PR PT SI SI	PER PER STR VNS	1 2 3 1	qz		kf	se	cl		lx	SX	DSM CLT QXV	1 2 1				py	cp		QXV_cp SXV_qz_py	0.5 1
UDD-006	N354	137.10	152.00	14.90		VAq PE mf	VAq	BXc	VA	VNS	0.8	2.5	0.0	0.1	0.0	PR PT SE SI AR CB	PER PER PER PAT STR FRC	1 2 1 2 1 1	qz		kf	se		cl	lx	SX	DSM CLT QXV CBV	1 2 1 1				py			QXV_py CBV	0.3 0.5
UDD-006	N354	152.00	154.00	2.00		VBAl HC	VBA	BXf	VBA	cl ch		1.0	0.0	1.5	0.0	PT SE AR	BXC BXC BXM	2 2 2		cl		se		qz		SX	BXC BXM	1					py			0
UDD-006	N354	154.00	160.60	6.60		VBAl HC	VBA	BXc				2.6	0.0	0.2	0.0	PR PT SI SE AR	PER PER PAT PER STR	2 2 3 2 1	qz	kf	se	ch	cl		lx	SX	DSM CLT FFL	2 2 1					py			0
UDD-006	N354	160.60	168.20	7.60		FLT / VBA HC	FLT	BXf	VBA	cl	30	0.4	0.0	3.0	0.0	PR PT SI AR	BXC BXC BXC STR	2 2 1 3	cl			qz	se	ch	kf	SX	BXC BXM	2				py				0
UDD-006	N354	168.20	173.00	4.80	IDY?	TO / VAq P mf	VAq	BXc	VA	VNS	2	3.1	0.0	1.3	0.0	PT SI SE SI IL	PER PER PER VNS VNS	2 3 24 2	qz		kf	se	il	ch	lx	SX	CLT DSM QVN	1 2 2				py			WQV	2
UDD-006	N354	173.00	173.40	0.40		QVN	QVN					5.0	0.0	0.0	0.0	SI	VNS	5	qz				il			SX	QVN	5							WQV	100
UDD-006	N354	173.40	177.50	4.10		TO / VAq P mf	VAq	BXc	VA	VNS	2	3.1	0.0	1.3	0.0	PT SI SE SI IL	PER PER PER VNS VNS	2 3 24 2	qz		kf	se	il	ch	lx	SX	CLT DSM QVN	1 2 2				py			GSV	2
UDD-006	N354	177.50	201.40	23.90		TO / VAq P m	VAq	BXc	VA	VNS	3.5	3.4	0.0	0.2	0.0	PT SI PH SE SI	PER PER PAT PAT VNS	2 2 2 2 2	qz		se	il	kf	cl	lx	SX	DSM CLT QVN SXV	2 2 1 2			py			cp	GSV SXV_py	0.5 2.7
UDD-006	N354	201.40	208.40	7.00	Volc?	IHdi EP m	IHdi	BXc	IH	VNS	12	3.4	0.0	0.4	0.0	PT SI SE AR	PER PER PAT STR	2 3 2 2	qz		se	il	cl	kf	lx	SX	DSM PEM QVN	2 3 2	py				cp	sp	SXV_py WQV_cpsp	10 2
UDD-006	N354	208.40	219.60	11.20	Volc?	IHdi PE mc	IHdi	BCX	IH	VNS	4	3.0	0.0	0.5	0.0	PR PT SI SI AR	PER PER PER VNS STR	2 3 3 1 2	qz		ch	il	se	cl	lx	SX	DSM CLT QXV QVN	2 2 2 1			py			cp	QXV WQV	3 1
UDD-007	N356	0.00	2.70	2.70		PF	PF																													
UDD-007	N356	2.70	14.20	11.50		IHda P mc FB	IHda	BXi	V / SED	IH	95	0.2	1.1	2.5	0.0	SI CS	BXC BXM	3 5	cl			il	qz			OX	PEM	2				lm				0
UDD-007	N356	14.20	18.00	3.80		TO / IHda fq P m / FLT	IHda	BXf	IH	cl	40	0.0	0.0	4.8	0.0	SC AR	PER PER	1 4	cl			se	il			SX	nil									0
UDD-007	N356	18.00	27.30	9.30	glassy intrusive?	IHda fq P mc FB	IHda	BXi	IH SED py	IH	93	1.1	0.0	0.4	0.0	SI SE IL SI	BXC BXM BXM PAT	2 4 3 2	se	il		qz				SX	BXC DSM	2 2				py				0
UDD-007	N356	27.30	33.00	5.70		IHda fq P mc	IHda	BXc	IH	VNS	2.5	3.7	0.0	0.1	0.0	SE SI AA	PER PAT FRC	4 3 1	qz	se	il			al		SX	DSM SXV ALV	2 2 1			py				SXV_py ALV_py	2 0.5
UDD-007	N356	33.00	34.00	1.00		FLT	FLT	BXf		cl se																SX										
UDD-007	N356	34.00	46.00	12.00		IHda fq PE FB	IHda	BXi	V / SED	IH	90	0.7	0.0	2.1	0.0	SI SE AA	BXC PER FRC	1 3 1	se		il	cl	qz		al	SX	BXC DSM CLT ALV	1 2 2 1				py			ALV	0.2
UDD-007	N356	46.00	49.00	3.00		FLT	FLT	BXf	IH	cl se	65	0.1	0.0	3.2	0.0	SE AR	BXC BXM	2 4	cl			se		al		OX	nil									0
UDD-007	N356	49.00	60.00	11.00		IHda P m FB	IHda	BXi	PL	IH	95	1.2	0.0	0.8	0.0	SI PR SE SC AA	BXC PER PER PER VNS	1 1 2 2 1	se		cl	il	qz		al	SX	BXC DSM ALV	1 1 1					py		ALV	0.2
UDD-007	N356	60.00	80.00	20.00		IHda P m FB	IHda	BXi	PL	IH	97	1.0	0.0	0.7	0.0	PT SI PR SE SC CB	BXC BXC PER PER PER FRC	1 1 1 3 2 2	se			cl	il	qz	ca	SX	BXC DSM CBV	1 1 2					py		CBV	1.5
UDD-007	N356	80.00	139.30	59.30		IHda P m FB	IHda	BXi	PL	IH	90	1.3	0.0	0.5	0.0	PT SI PR SE SC AA	BXC BXC PER PER PER FRC	1 1 2 2 2 1	se			cl	qz	al		SX	BXC DSM ALV	1 1 2						py	ALV	4
UDD-007	N356	139.30	139.70	0.40		FLT	FLT	BXf																		SX										
UDD-007	N356	139.70	187.10	47.40		IHda P mc FB	IHda	BXi	SI	IH	98	1.0	0.0	0.9	0.0	SI PR SE CS AA	BXC PER PER PHN FRC	1 1 4 2 1	se			cl	qz	al		SX	BXC DSM ALV	1 1 2					py		ALV	1.5
UDD-007	N356	187.10	188.80	1.70		ALV	ALV	BXV	IH	ALV	70	1.5	0.0	0.0	0.0	SI AA	BXC BXM	2 5	al		qz				cl	SX	ALV	5							ALV	70
UDD-007	N356	188.80	202.00	13.20		IHda P mc FB	IHda	BXi	SI	IH	98	1.0	0.0	0.9	0.0	SI PR SE CS AA	BXC PER PER PHN FRC	1 1 2 3 1	se			cl	qz	al	pf	SX	BXC DSM ALV	1 1 2					py		ALV	1.5
UDD-007	N356	202.00	208.40	6.40		FLT	FLT	BXf	IH	xl al	80	0.4	0.0	3.2	0.0	SE AA AA	BXC BXC BXM	2 1 3	cl			se			al	SX	DSM SXV ALV	1						py		0
UDD-007	N356	208.40	217.00	8.60		IHda qf P mf	IHda	BXc	IH	ALV	3	3.1	0.0	0.8	0.0	SE SI AA	PER STR FRC	3 4 3	qz	se		cl		al		SX	BXC DSM CLT SXV ALV	1 1 2 1 2				py			SXV_py ALV	1 3
UDD-007	N356	217.00	249.00	32.00		IHda fq P mf	IHda	BXi	SI py	IH	98	1.3	0.0	0.5	0.0	PR SE AA AR	PER PER FRC STR	2 3 1	se		qz		ch	cl	al	SX	BXC DSM	1 1						py	ALV	0.2
UDD-007	N356	249.00	250.90	1.90		FLT	FLT	BXf	IH	cl se	10	0.4	0.0	2.4	0.0	PR SE AR	BXC BXC BXM	2 2 3	cl			se				SX	BXC DSM	1 1						py		0
UDD-007	N356	250.90	297.00	46.10		IHda fq P m	IHda	BXC				3.2	0.0	0.4	0.0	PR SE SI AA	PAT PER PER PAT	2 3 4 1	qz		se			al	ch	SX	DSM CLT	2 3	py							0
UDD-007	N356	297.00	299.00	2.00		FLT	FLT	BXf	IH	cl	60	0.3	0.0	2.4	0.0	SE AR	BXC BXM	3 4	cl			se				SX	BXC	3		py						0
UDD-007	N356	299.00	307.00	8.00		IHda fq P m	IHda	BXC				3.2	0.0	0.4	0.0	PR SE SI AA	PAT PER PER PAT	2 3 4 1	qz		se			al	ch	SX	DSM CLT	2 3	py							0
UDD-007	N356	307.00	323.00	16.00		IHda fq EP m	IHda	BXc				1.8	0.0	1.1	0.0	SE SC SI CB	PER PER VNS VNS	4 2 1 1	se		qz			cl		SX	DSM CLT QCV	1 1 1					py		QCV	0.1
UDD-008	N357	0.00	6.90	6.90		PF	PF																													
UDD-008	N357	6.90	11.50	14.00	4.60 BXp?	IHda fq P mc FB	IHda	BXi	VBA / SI			1.5	0.7	1.7	0.0	PR SE CS	PER PER PER	1 4 1	se		qz	cl				OX	DSM PEM	1.2				lm				0
UDD-008	N357	11.50	14.00	2.50	BXp?	IHda fq P mc FB	IHda	BXi	VBA / SI			1.5	0.7	1.7	0.0	PR SE CS	PER PER PER	1 4 1	se		qz	cl				TO	DSM PEM	1.2				lm		py		0
UDD-008	N357	14.00	32.90	18.90	BXp?	IHda fq P mc FB	IHda	BXi	VBA / SI py	IH	95	2.1	0.0	1.2	0.0	SI PR SE CS SI AA	BXC PER PER PER PAT FRC	3 1 4 2 2 3	se		qz	pf			al	SX	BXC DSM SEV	2 1 1					py		SEV	2
UDD-008	N357	32.90	33.50	0.60		FLT	FLT	BXf	IH	cl	60																									
UDD-008	N357	33.50	50.50	17.00	BXp?	IHda fq P mc FB	IHda	BXi	PL / SI py	IH	95	2.1	0.0	1.2	0.0	SI PR SE CS SI AA	BXC PER PER PER PAT FRC	3 1 4 2 2 3	se		qz	pf		al	pf	SX	BXC DSM SEV	2 1 1					py		SEV	2
UDD-008	N357	50.50	51.70	1.20		FLT	FLT	BXf		cl	60															SX										
UDD-008	N357	51.70	75.00	23.30	BXp ?	IHda fq P mc FB	IHda	BXc	VBA PL	VNS	35	3.4	0.0	0.5	0.0	SI PR SE SI SI AA	BXC PER PER PAT VNS STR	1 1 2 4 2 1	qz		se		pf	cl		SX	DSM QVN	1 2					py		WQV	3.5
UDD-008	N357	75.00	75.40	0.40		QXV	QXV					4.9	0.0	0.1	0.0	SC SI AA	BXC VNS CFL	3 5 2	qz				cl	se	al	SX	QXV WQV	4 4	cp	sp		mo	ga	QXV_cpspmoga WQV	15 20
UDD-008	N357	75.40	81.00	5.60	glassy intrusive?	IHda fq P mc FB	IHda	BXc	VBA PL	VNS	35	3.4	0.0	0.5	0.0	SI PR SE SI SI AA	BXC PER PER PAT VNS STR	1 1 2 4 2 1	qz		se		pf	cl		SX	DSM QVN	1 2					py		WQV	3.5
UDD-008	N357	81.00	95.70	14.70		FLT	FLT	BXf				2.3	0.0	3.0	0.0	SE SI AA AA	BXC BXC BXC BXM	3 2 1 5	cl	se		qz		pf		SX	BXC CLT	2 1					py			0
UDD-008	N357	95.70	97.60	1.90		IHda fq P mc	IHda	BXi	VBA PL			2.4	0.0	0.6	0.0	SE SI	PER PAT	3 4	qz	se		cl				SX										
UDD-008	N357	97.60	98.60	1.00		FLT	FLT	BXf																		SX										
UDD-008	N357	98.60	106.30	7.70		IHda fq P mc	IHda	BXi	VBA PL			2.4	0.0	0.6	0.0	SE SI	PER PAT	3 4	qz	se		cl				SX										
UDD-008	N357	106.30	111.46	5.16		FLT	FLT	BXf	IH VNS	cl >> se	60	0.1	0.0	4.9	0.0	SE SI AR	BXC BXC BXM	1 1 5	cl				se	qz		SX	BXC DSM SEV	2 1					py			0
UDD-008	N357	111.46	116.40	4.94		TO / IHda fq P m / FLT	IHda					4.0	0.0	0.4	0.0	PR SE SI	PAT PAT PAT	1 3 4	qz		se			ch	kf	SX										
UDD-008	N357	116.40	129.90	13.50		IHda fq P mc	IHda	BXc	IH	GPV	3.5	1.2	0.0	0.3	0.0	SC PT PR SE SI GP	BXC BXC PER PER PAT VNS	1 1 3 2 2 2	ch		se	qz		gp	kf	SX	DSM GPV	1 2							GPV	3.5
UDD-008	N357	129.90	130.40	0.50		FLT	FLT	BXf		cl	15															SX										
UDD-008	N357	130.40	200.00	69.60		IHda fq P mc	IHda	BXc	IH	GPV	3.5	1.2	0.0	0.3	0.0	SC PT PR SE SI GP	BXC BXC PER PER PAT VNS	1 1 3 2 2 2	ch		se	qz		gp	kf	SX	DSM GPV	1 2							GPV	3.5
UDD-008	N357	200.00	203.30	3.30		FLT	FLT	BXf	IH	cl ch	25															SX										
UDD-008	N357	203.30	207.00	3.70		IHda fq P mc	IHda	BXc	IH	GPV	3.5	1.2	0.0	0.3	0.0	SC PT PR SE SI GP	BXC BXC PER PER PAT VNS	1 1 3 2 2 2	ch		se	qz		gp	kf	SX	DSM GPV	1 2							GPV	3.5
UDD-008	N357	207.00	208.00	1.00		FLT	FLT	BXf	IH	cl se ch	45															SX										
UDD-008	N357	208.00	245.50	37.50		IHda f(q) P m	IHda	BXc	IH	VNS	5	2.9	0.0	0.4	0.0	SI PR SI SE GP	BXC PAT PAT PAT VNS	2 3 3 3 3	ch	qz	se		gp		lx	SX	BXC GPV	13						py	GPV	5
UDD-009	N356	0.00	10.00	10.00		VBAclt f P fm FB / SVcl	VBA	BXv	VB f P SX	VA?	75															OX						lm	go			0
UDD-009	N356	10.00	13.00	3.00		VBAclt f P fm FB / SVcl	VBA	BXv	VB f P SX	VA?	80	0.7	1.1	0.8	0.0	SI SE SC	BXC PER PER	2 5 2	se		cl	qz				TS	DSM FFL	1 1					lm	py			0
UDD-009	N356	13.00	16.00	3.00		VBAclt f P fm FB / SVcl	VBA	BXv	VB f P SX	VA?	80	0.7	1.1	0.8	0.0	SI SE SC	BXC PER PER	2 5 2	se		cl	qz				TO	FFL	2					lm	hm			0
UDD-009	N356	16.00	26.30	10.30		VBAclt f P fm FB / SVcl	VBA	BXj	VB f P SX	kf cl		1.9	0.0	2.0	0.0	SI SE CS LH AA	BXC PAT PER PAT CFL	1 2 4 1 2	cl		se	qz		dk	pf	SX	BXC DSM WQV	1 1 1					py		WQV	1
UDD-009	N356	26.30	31.30	5.00		FLT	FLT	BXf	VA GSV	cl	30	0.8	0.0	4.2	0.0											SX	BXC BXM	3 1					py			0
UDD-009	N356	31.30	36.30	5.00		VAclt	VBA	BXj	VB f P	kf cl		1.9	0.0	2.0	0.0	SI SE CS LH AA	BXC PAT PER PAT CFL	1 2 4 1 2	cl		se	qz		dk	pf	SX	BXC DSM WQV	1 1 1					py		WQV	1
UDD-009	N356	36.30	41.60	5.30		FLT	FLT	BXf	VA SI	cl dk	80	0.9	0.0	4.7	0.0	SE SI AR AA	BXC BXC BXM BXM	2 3 4 1	cl		se	qz		dk		SX	BXC DSM	2 1					py			0
UDD-009	N356	41.60	51.00	9.40		TO / VBA / FLT	VBA	BXf	VA			1.7	0.0	1.0	0.0	SI SE SC	BXC PER BXM	2 2 3	qz	se	cl					SX	DSM QVN	1 2					py		GSV	4

HOLE_NO	SUBSET	FROM	TO	INT	NOTE	LITH	LITH_PLT	BXT	BXC	BXM	BM%	SI	FE	CL	mt	AFAC	ASTY	AINT	A1	A2	A3	A4	A5	A6	A7	MTYP	MSTY	MINT	M1	M2	M3	M4	M5	M6	VTYP	V%
UDD-009	N356	51.00	59.00	8.00		TO / VBA / FLT	VBA	BXf	VA			0.5	0.0	3.4	0.0	SI SC AR	BXC BXM BXM	2 2 4	cl	se		qz			dk	SX	BXC DSM	2 1					py			0
UDD-009	N356	59.00	80.00	21.00		TO / VBA / SVcl	VBA	BXJ	VB	SI pf	3	0.6	0.0	2.7	0.0	SI SE SC AA	BXC PAT PER PAT CFL	1 2 4 2	se	cl		qz		pf	dk	SX	BXC DSM	2 1					py			0
UDD-009	N356	80.00	86.30	6.30		FLT	FLT	BXf	VBA	cl se py	70	0.1	0.0	4.2	0.0	SI CS	BXC PER	2 5	cl			se	qz		dk	SX	BXC DSM CLT	2 1 2			py					0
UDD-009	N356	86.30	93.50	7.20		SVcl / VBAclt	SVcl	BXs	VB VA			0.2	0.0	4.0	0.0	SI CS	BXC PER	1 5	cl				se	qz	dk	SX	BXC CLT	2 1					py			0
UDD-009	N356	93.50	107.00	13.50		VBAclt	VBA	BXc	VBA			0.7	0.0	2.0	0.0	SE CS SI AA	BXC PER PAT FRC	1 4 1 1	cl	se		qz		ch	dk	SX	BXC CLT DSM	2 3 1			py					0
UDD-009	N356	107.00	109.00	2.00		SVcl	SVcl	BXs	PL			4.7	0.0	0.0	0.0	CS SI SI LH	PER PER VNS PAT	1 5 2 1	qz				ch		lx	SX	BXC SIV SXV CLT	2 4 4 4	py						GSV	10
UDD-009	N356	109.00	110.50	1.50		TO / VBAclt	TO	BXf		se cl	15	0.7	0.0	2.0	0.0	SE CS SI AA	BXC PER PAT FRC	1 4 1 1	cl	se		qz		ch	dk	SX	BXC CLT DSM	2 3 1			py					0
UDD-009	N356	110.50	114.00	3.50		FLT	FLT	BXf	TO	se cl	20	0.4	0.0	2.4	0.0	SI SE SE AR AA	BXC BXC PER STR FRC	1 2 2 2 1	se	cl			qz		dk	SX	nil									0
UDD-009	N356	114.00	120.70	6.70	Fluidised BX?	TO / VBA	VBA	BXs	TO V	VA	30	0.7	0.0	2.0	0.0	SE CS SI AA	BXC PER PAT FRC	1 4 1 1	cl	se		qz		ch	dk	SX	BXC CLT DSM	2 3 1			py					0
UDD-009	N356	120.70	143.20	22.50	Fluidised BX?	TO / VBA	VBA	BXs	TO V PL	VA	30	4.7	0.0	0.0	0.0	CS SI SI LH	PER PER VNS PAT	1 5 2 1	qz			ch			lx	SX	BXC SIV SXV CLT	2 4 4 4	py						GSV	10
UDD-009	N356	143.20	145.10	1.90		FLT	FLT	BXf		se cl	30	0.4	0.0	3.5	0.0	SE SC AR	BXC BXC BXM	3 2 4	cl				se		ch	SX	BXC DSM	3 2				py				0
UDD-009	N356	145.10	157.70	12.60		TO / VA fq P fm	VA	BXi	SI py	IDY																SX										
UDD-009	N356	157.70	162.50	4.80		TO / VBA f P fm FB	VBA					0.8	0.0	0.2	0.0	SE CS AA GP	PER PER PER FRC	3 4 2 2	cl	se		ch		qz	gp	SX	CLT DSM	2 1			py					0
UDD-009	N356	162.50	162.70	0.20		FLT	FLT	BXf																		SX										
UDD-009	N356	162.70	166.00	3.30		TO / VBA f P fm FB	VBA					0.8	0.0	0.2	0.0	SE CS AA GP	PER PER PER FRC	3 4 2 2	cl	se		ch		qz	gp	SX	CLT DSM	2 1			py					0
UDD-009	N356	166.00	167.00	1.00		FLT	FLT	BXf																		SX										
UDD-009	N356	167.00	177.00	10.00		TO / VBA f P fm FB	VBA					0.8	0.0	0.2	0.0	SE CS AA GP	PER PER PER FRC	3 4 2 2	cl	se		ch		qz	gp	SX	CLT DSM	2 1			py					0
UDD-009	N356	177.00	196.50	19.50		TO / VBA f P m FB	VBA	BXc	VBA	VNS	12.5	2.7	0.0	0.5	0.0	SE SC AR GP	PAT PER STR FRC	3 5 2 1	qz		se	cl	ch		gp	SX	CLT SXV GPV	3 3 1		py					SXV GPV	10 2.5
UDD-009	N356	196.50	215.50	19.00		TO / VA fq P fm	VA	BXc	VA	VNS	2	2.9	0.0	0.4	0.0	SI SE SC GP	BXC BXM OER FRC	2 2 5 2	qz	se		ch	cl	gp		SX	BXC DSM CLT GPV	2 2 1 2			py				GPV	2