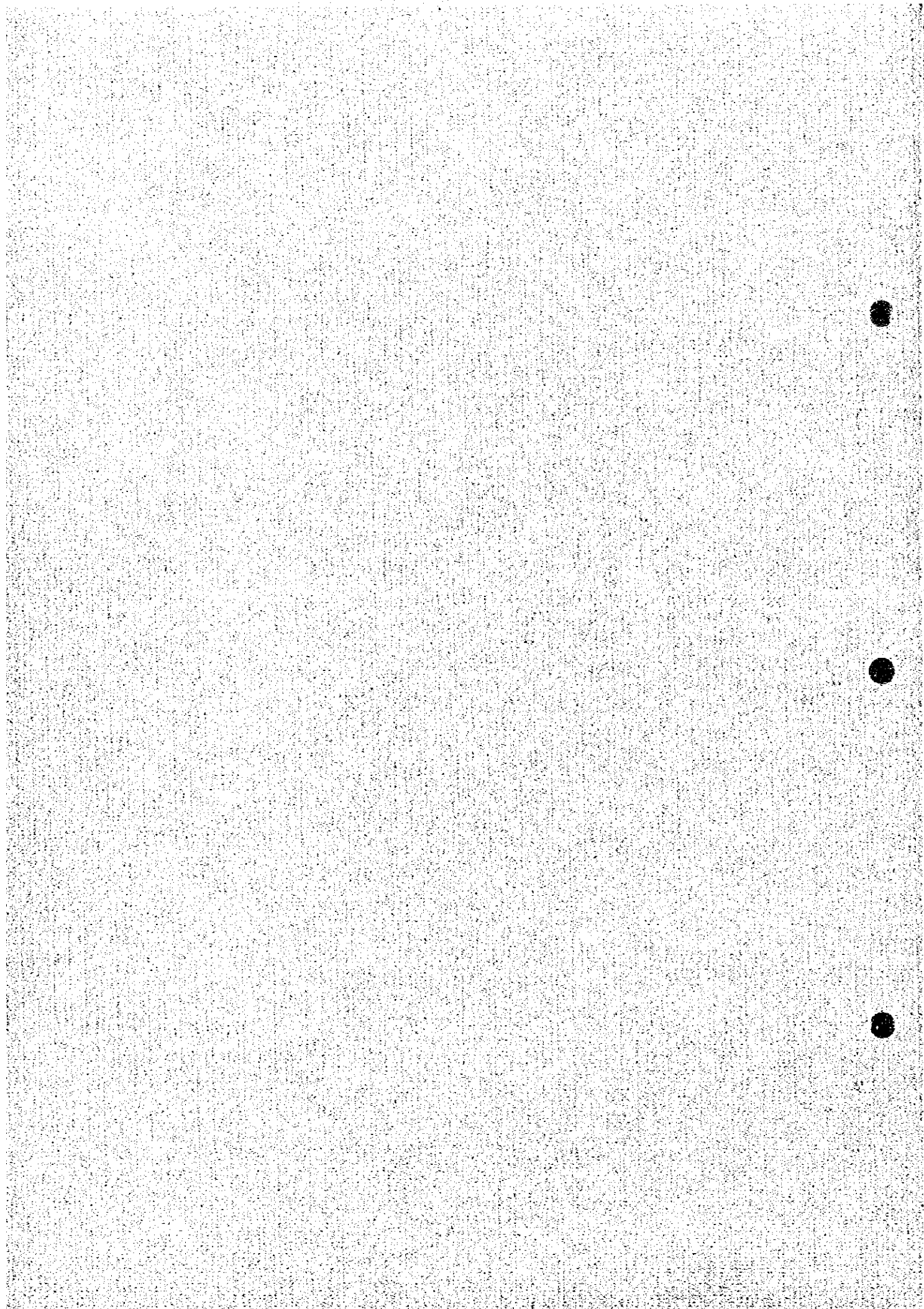


卷末資料



1 Geologic Log of MJZC-9~12

Abbreviations

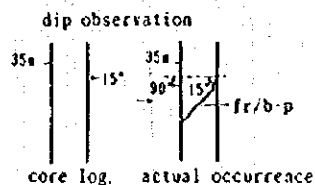
Lithology

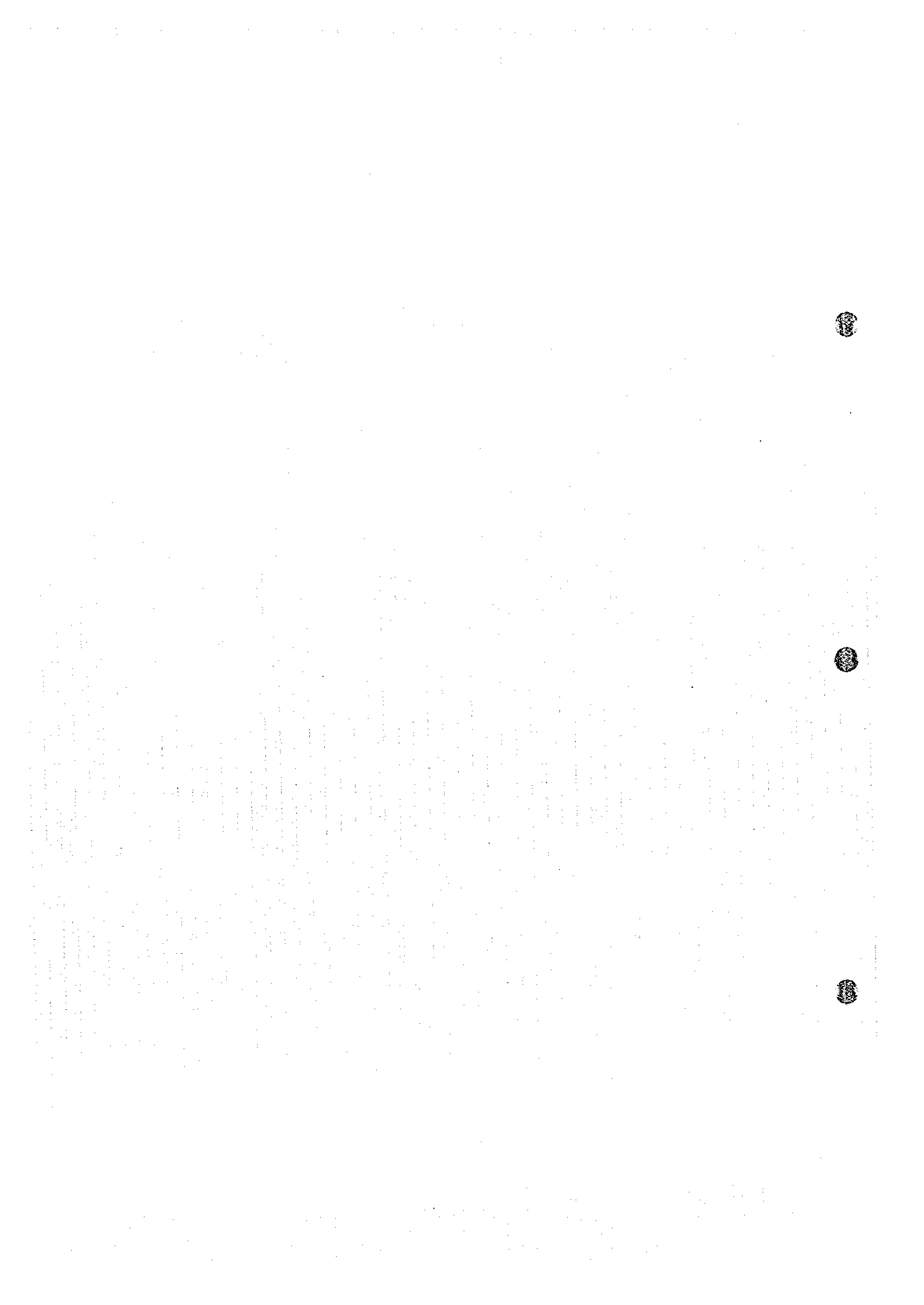
AGL: argillite
 alt: altered
 AMP: amphibolite
 aren: arenaceous
 arg: argillaceous
 ark: arkose
 b: bedding
 bk: black
 b-p: bedding plane
 bre: breccia
 brwn: brown
 CGL: conglomerate
 comp: compact
 conv: convolute
 cos: coarse
 cryst: crystalline
 dk: dark
 dol: dolomitic
 DM: dolomite
 feld: feldspar
 fr(s): fracture(s)
 Gab: gabbro
 grn: green
 gry: gray
 hd: hard
 ig.r: igneous rock
 la/l: lamination
 LAT: laterite
 LS: limestone
 mass: massive
 medi: medium
 mdy: muddy
 mica: micaceous
 peb: pebble
 QZT/Q: quartzite
 qzose: quartzose
 r: rock
 sdy: sandy
 seri: sericitic

SH: shale
 sh: sheared
 sil: siliceous
 SS: sandstone
 str: structure
 whi: white
 yel: yellow

Mineralization / Alteration

Anhyd: anhydrite
 Bio: biotite
 Bo: bornite
 Cal: calcite
 carb: carbonate
 circ: circulation
 Cp: chalcopryrite
 diss: dissemination
 f: fine
 F/W: footwall
 Gyp: gypsum
 Hem: hematite
 Ho: hornblende
 H/W: hangingwall
 irreg: irregular
 Limo: limonite
 m: mineral
 oxi: oxidized
 Po: pyrrhotite
 Py: pyrite
 Qz: quartz
 sca: scapolite
 str: strong
 tex: texture
 tremo: tremolite
 v: very
 w: weak





Drill hole No. : NJ2C-9

Direction:

(true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(/)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
0m	L	<Cuttings>			L		
	L	reddish brown Laterite			L		
5m	L			55m	L	dk. brown LAT.	
	L				L		
10m	L			60m	L		weathering
	L				DM	whitish gry. arg-DM. with thin cleavage/ bedding plane	Ground water
15m	L			65m			
	L						
20m	L			70m			
	L						
25m	L	yellowish brown LAT. with @z. grain	wet.	75m			
	L						
30m	L			80m			
	L						
35m	L			85m			
	L						
40m	L	pale brown LAT.		90m			
	L						
45m	L			95m			
	L						
50m	L			100m		<Coring> greyish whi. mass. arg with arg-conv. la.	DM with segregation dol. vlls.

Drill hole No. : WJZC-9

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(2)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
105m	DM	greyish, whi. mass. arg-DM.	segr. dol. vltb (step vein)	105m	AGL	pebble/lens smaller	
				155m	AGL	thinly laminated sdy-dol-AGL	with dol. lamina/films
				160m		dk. gry. pebbly AGL	
110m				160m		peb: DM, dol-SS, AGL	
				165m		elongated peb. along lamination	
115m				170m		sheared fr.	
				175m	AGL	dk. gry. sdy-dol. shaly AGL, thinly laminated	laminated
120m				175m		DM lens	py. diss. in dol. lens
				180m		dk. gry. sdy-dol. AGL, thinly laminated	py. lamina/lens
125m		mass. comp. DM.	segr. dol. vltb	185m		dk. gry. shaly phyllitic carbonaceous	py. lamina rich.
				190m		dk. gry. dk. grn. micaceous AGL, thinly laminated	
130m	AGL	dk. gry. mass. v. dol. AGL.	dol. vltb (segr.)	190m		dk. grn. mica-dol. layer	dol. vltb-net.
				195m		dol. layer rich	dol. net.
135m				200m		dk. shaly AGL	py. diss. in. b-p.
140m							
145m							
150m							

Drill hole No. : WJ2C-9

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(3)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
205 _a	AGL	dk. gry. ~ bk. sdy. AGL. ← 25 b. with dol-ss. lamina	Dol. vlt. Po. lamina.	255 _a	AGL	shaly & silty-sdy layers interbedded brown sil-dol-lenses including w. Do-Po diss. ← 20 b.	
210 _a		whi. gry. dol-sdy. AGL ← 25 b.	Po. lamina rich. Dol-Qz. irreg. vlt.	260 _a		shaly layer > silty-sdy layer ← 20 b.	
215 _a		dk. gry. shaly AGL with dol-sdy lamina ← 22 b.		265 _a		sil-dol-ss. parting ← 20 b. with silica lens	Po. laminations
220 _a		gry. dol-sdy. AGL with dol-ss. parting ← 25 with sdy-DH lamina dk. gry. shaly AGL. gry. sdy. AGL.	Dol. irreg. vlt.	270 _a	DM	whi. sil-DH, mass. comp. hd. gry. QZtic SS. v. hd. arg-ss. gry. sdy. AGL. interb. with ss. ← 18 b.	vertical small fracture filled by Py-Cal. Qz-Po (Py) vlt-diss. Po-Py diss. in water-escape str.
225 _a		shaly AGL ← 20 b.		275 _a		dk. gry. shaly AGL ← 20 b. with sdy-dol. layers grainy gry. silty AGL.	Py. w. diss. Py. diss. Po. diss.
230 _a		whi. gry. & dk. gry. sdy. AGL dol-hd. ss. layer & dk. gry. shaly layer thinly interbedded		280 _a		gry. silty-sdy AGL. ← 20 b.	Py-Po diss. Segr.-Qz, Dol. irreg. films.
235 _a		dk. gry. shaly AGL with dol. lamina ← 20 b.	Po-Py. lamina diss.	285 _a		gry. dol-sil. AGL. whi. sil-DH, sheared. ← 25 b. clay. ← 18 b. with arg. layers	Py. w. diss.
240 _a		dk. gry. ~ bk. shaly ← 20 b. with dol-ss. lamina.		290 _a	DH.	gry. v. sil. sdy. AGL ← 26 b.	Cyp. layer ~ patch
245 _a		gry. whi. gry. silty AGL dol-ss. parting dk. gry. shaly AGL & grainy gry. silty-sdy ← 18 b. AGL. interbedded	Po-Py diss.	295 _a	AGL	whi. mass. w. sil. Bio. diss. dk. gry. shaly. gry. sdy. AGL.	Segr.-Qz. irreg. vlt Py. w. diss.
250 _a		with irreg. dol. lens. ← 15 b.		300 _a	DH.	whi. DH. with gen. alt. with small cavity ← 30 arg. layers ← 45 Py-nical layers	Py. H. diss. Gyp. layers. Amph. cryst. partly w-sil.

Drill hole No. : WIZC-9

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(5)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
	AGL	dk. gry. sdy. AGL	Anhyd. band ~ patch	2	AGL	45 sh. fr.	
		with dol. sdy layers			AGL	alt. bre-AGL	whi. sil-clayey
		← 50 k					Anhyd. patch
405m	DM	gry-whi. arg-DM	Py. cos. cryst. diss. M. - sil.	7	DM	whi. yel. mass. w. sil.	
		with arg. layers			DM	← 20 stylolite	
		gryish whi. core broken				dk. gm. AGL parting (10cm)	
		sil-clayey DM				with small cavity	
		sheared zone				AGL p.	
	AGL	dol-AGL		460m	DM		
		with dol. lens			AGL	dk. gry. mass. AGL.	
410m	DM	whi. sil-DM, with arg. l.	sil-clayey altered				
	AGL	dk. gry. dol-soft AGL.	Qz network				
		with DM parting					
	DM	whi. sil-DM.					
415m	DM	gryish whi. arg-DM		465m		sil-bre-AGL	
		with arg. lenses				with dol. lens & irreg. clay	w. M. sil, partly.
	AGL	gry sil-dol. AGL. interb. sheared			DM	whi. mass. micaceous.	
		whi. all. dol-AGL	sil-clayey altered, soft.				
420m	AGL	dk. gry. alt. AGL		470m	AGL	dk. gry. mass. AGL	with dol. patch/vlt.
	DM	whi. sil-DM. mass comp. hd.	Py. diss. M. partly				
	AGL	gry. sil-AGL comp. hd.	Py. diss. in Dol. patch/vlt.				
		← 20 k. thinly laminated contemp. bre					
425m		← 50 gry. v. hd. dol-AGL	with silica nodule irreg. lens				
		← 42	with Dol. (Qz)-Py lens				
		gry. arg. SS. brecciated w. dol. SS.	silicified. M.				
430m							
435m		gry. arg. arg-SS.	Qz (Dol.)-lens. fill frs.				
		← 50 sheared brecciated whi. mass. DM. comp. hd. with arg-SS. partings					
440m			Anhyd. small patch (corr)				
445m			Anhyd patch (common)				
450m							

Drill hole No. : WJ2C-9

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(6)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
	AGL	DM lens dk. gry. w-sil. dol. AGL			DM		
505	DM	whi. sil. arg. DM.		555	no styl. olive grn. whi. arg. DM. dk. gry. AGL (10cm)		
	AGL				gry. arg. SS. dk. gry. arg. bre. AGL with sdy part		GIP - Anhyd. patch.
	DM	arg. DM			whi. gry. sdy. DM.		
		dk. gry. sil. AGL. brecciated - planeless fault develop with sil. ss. laminar patch - 50. b			dk. gry. dol. AGL		
510	DM	sil. DM		560	gry. arg. QZT. with dk. grn. arg. irreg. lens		Anhyd. patch
	AGL	dk. gry. sil. AGL	with dol. patch vult.		andy part > sdy p.		
		DM. parting			dk. grn. sdy. AGL. with irreg. QZTi sdy. p.		
		dk. gry. dol. AGL			sdly/ndy p. irreg. mixed		
515		← 45 QZT layers boundings	planeless faults	565	dk. grn. sdy. AGL brecciated		
		dol. AGL - QZT interbedded			with irreg. QZTi lens		Anhyd. rich, filling brecc.
520		with dol. lens ← 70 with QZTi ss. layers		570	dk. grn. mass. sdy. AGL		
	DM	whi. bre. DM upper > mass. comp. DM (lower)	small Anhyd. patch (poor)				
525	AGL	dk. gry. bre. dol. AGL with DM lens		575			
		with QZTi lens - patch ← 85	Anhyd. patch		dk. grn. mass. AGL.		Anhyd. patch rich
530		dk. gry. mass. sdy. AGL	Anhyd. - Dol. patch	580	AGL mixed with QZTi ss. irregular sdly > ndy. arg. QZTi ndy > sdy		
		← 45 DM gry. whi. mass. DM. ← 50 styl.		585	sdly > ndy. arg. QZTi AGL - QZT. interbedded sdly > ndy. (grey wacke) AGL > ss. irreg. mixture		
535		whi. irreg. laminated		590	arg. SS. with irreg. arg. lens.		
	AGL	dk. grn. gry. sdy. AGL he DM. p. (30cm) sil. sdy. AGL sdly. p.	Anhyd. patch rich	595			
540					andy lens gradually		
545	SS	gry. w-sil. arg. SS.			sdly > ndy arg. SS. (QZTi) with arg. lens. mass.		Anhyd. patch
	AGL	dk. gry. greenish. mass. sdly. AGL		600			
	DM	whi. mass. laminated DM. ← 35. b					
550							

Drill hole No. : WJZC-9

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(7)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
605		gy. dk. gm. arg. ss. with dk. gm. Abt. irreg lens	Anhyd. diss. ~ patch	655	X y AGL	dk. gm. mass. br. sdy-AGL	Anhyd. fill fcs.
		dk. gm. br. sdy-AGL. with s.s. part.				v. sdy. AGL / arg-ss. irregularly mixed.	
		arg-ss.	Anhyd. irreg. patch ~ filling fcs.	660			
610		pinkish gry, gm. gry. QZTi-arg-ss.					
		with dk. gm. Abt. brs.	Anhyd. fill fcs.				
615		arg-ss.					
		sdly. Abt. arg-ss with Abt. brs.					
	DM	whi. anhyd-DM. mass. comp. hd.					
		dk. gm. mass. sdy. Abt. brecciated mechanically	Anhyd fill fcs.				
620		arg-ss.					
		sdly. Abt. arg-ss with Abt. brs.					
	DM	whi. anhyd-DM. mass. comp. hd.					
		dk. gm. mass. sdy. Abt. brecciated mechanically	Anhyd fill fcs.				
625		arg-ss.					
		sdly. Abt. arg-ss with Abt. brs.					
	DM	whi. anhyd-DM. mass. comp. hd.					
		dk. gm. mass. sdy. Abt. brecciated mechanically	Anhyd fill fcs.				
630		dk. gm. sdy-AGL.	crystalline Anhyd. irreg lens/vlt				
		pink-gry. QZTi SS.					
		dk. gm. Abt. interbedded with ss.	Anhyd. vlt				
	DM	whi. anhyd-DM.					
		arg-ss.					
		dk. gm. sdy-AGL.					
		DM. p.					
635		20 styl. whi. anhyd-DM with irreg arg. layer					
	DM	whi. anhyd-DM.					
		dk. gm. sdy-AGL with DM. lens.					
		with dot-layer					
640		gm. gry. sdy partly					
		sdly-AGL.	cryst. Anhyd. vlt.				
		ss lamina					
645		whi. anhyd-DM					
	AGL						
		arg-ss > sdy-AGL					
650		dk. gm. sdy-AGL	Anhyd. fill brs.				

Drill hole No. : WJZC-9

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(8)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
705m	DM arg-DH with pale gm. irreg. arg. layers to arg. lamina	with greenish gy arg. layers greenish gy arg-DH		755m	DM 20 with gm. arg. layer	whi. anhyd.-DH. mass. comp.	
710m	DM whi. mass. comp. fine DH patch in Anhyd. matrix			760m		30 arg. layers	
715m	DM with irreg. gm. AGI lens			765m	AGI 30 lo. greenish mass. sdy AGI	Anhyd. patch	
720m	AGI 5 greenish gy sdy AGI laminated greenish mass. arg-SS.		Anhyd. irreg. vlt.	770m	DM 30 arg. la. in DH top. whi. mass. anhyd.-DH.	Anhyd. lens	
725m	AGI 10 gm. convoluted sdy-anhyd-AGI with water-escape str.		Anhyd. layer ~ vlt. cutting AGI-lamina	775m	SS greenish gy. mass. arg-SS, with grit		
730m	DM whi. mass. anhyd.-DH. with gm. arg. conv. lam.			780m	AGI 45 sdy AGI 45 DM whi. mass. anhyd.-DH.		
735m	AGI 10 gm. sdy laminated anhyd. dol. AGI with conv. la. 20 mass. sdy AGI laminated partly			785m	AGI dk. gm. mass. sdy AGI DM with arg. layer in bottom AGI 25 dk. gy. sdy AGI laminated with QZTic lens partly gritty		
740m	AGI 20 sdy AGI & Anhyd. Dol. layers interbedded conv. la.		Anhyd. pillar sdy. curved lamina like dish.	790m	DM purple whi. anhyd.-sil.-DH. 30-35 sil.-DH dk. gy. micaceous partly sil.-DH whi. pure QZT.	Anhyd. dot.	
745m	AGI 20 sdy AGI load str. water-esc. str. flame str. anhyd.-DH. whi. whi. QZT with arg. layer greenish gy sdy AGI with conv. la. of QZTic ss.		Px. w. dis. Segr. Qz. vlt. Anhyd. patch-lens	795m	AGI greenish gy mass. sdy gritty AGI. anhyd.-DH. 35 gm. AGI & gy ss. thin clay interbedded with QZT lens AGI greenish sdy AGI SS gy. mass. arg-hd. SS grey shale 15. indistinct la. partly	Anhyd. irreg. vlt.	
750m	DM anhyd.-DH. arg-SS on top of QZT. gy QZT. gm sdy AGI 50 laminated top.		Px. w. dis.	800m	DM partly dol-QZTic with gm arg. part 25 whi. mass. anhyd.-DH. 40 with arg. layer	Px. w. dis.	

Drill hole No. : WJZC-9.

Direction:

(true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(9)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
	DM	whi. mass. anhyd.-DM	Anhyd. patch lens		AGL	greenish gry. sdy. AGL	Anhyd. small patch lens
		arg.-DM				with dol. lens	
805m	AGL	gry. mass. dol.-AGL		855m	DM	whi. mass. anhyd.-DM	
	DM	whi. mass. anhyd.-DM.			SS	←30 greenish whi. arg. ss. with green arg. layer	
	AGL	gry. dol.-AGL	Anhyd. lens		AGL	sh. green sdy. AGL with conv. la. & ss. lens	
810m	DM	←25 arg.-DM gry-whi. micaceous	Py. v.w. dss.		DM	←30 whi. anhyd.-DM micaceous	Anhyd. lens rich.
		whi. mass. anhyd.-DM				with arg/sdy lens	
	AGL	gry. dol. AGL p.			AGL	arg.-DM. ←25 sdy. AGL p.	
815m	DM				DM	greenish whi. arg.-mica-anhyd.-DM	
		←15 green mass. sdy. AGL with dol. lens	Anhyd. patch lens		AGL	greenish gry. sdy. AGL partly v. sdy. gritty	
	DM	greenish whi. arg.-anhyd.-DM			DM	greenish whi. arg.-DM mica-anhyd.	
	AGL	←25 greenish gry. sdy. AGL partly gritty			AGL	gry. gritty AGL p.	
		←25-20 with Q27i lens			DM	mica-DM.	
		arg.-DM. parting. with conv. la.			AGL	greenish gry. sdy. AGL ←20 conv. la. with Q27i lens	Anhyd. lens.
820m	AGL	gry. arg.-DM ←20 with many arg. layers	Anhyd. patch			sh. green sh. mica-anhyd mass. AGL	
	DM					gritty-sdy AGL	
		greenish gry. sdy. AGL				←15 gry. whi. mica-arg. DM.	
		←20 Q27i ss. parting			AGL	sh. gry. greenish gry. sdy. AGL with grit	
	DM	greenish arg.-anhyd.-DM				partly dol.-anhydritic	
		greenish gry. dol.-sdy. AGL				partly v. sdy.	
		←15 arg.-DM				br. str. Biotite	
		whi. anhyd.-DM.				green-whi. anhyd.-sdy. AGL	
		dol.-AGL p.	Anhyd. patch lens.			whi. anhyd.-DM p.	
835m	AGL	gry. arg.-DM				br. gry. sh. mica-anhyd. AGL	
		←15 arg. lensina.				greenish gry. sdy. AGL mass.	Anhyd. large lens
		partly v. sdy.				←15 arg. lensina.	
		partly v. sdy.				partly v. sdy.	
		whi. arg.-DM. with conv. la.	Anhyd. lens			whi. arg.-DM. with conv. la.	Anhyd. lens
		gry. fine sdy. AGL				gry. fine sdy. AGL	
		gry. cos. arg.-ss. Q27i				v. sdy.-anhydritic partly interbedded AGL-ss.	Anhyd. irreg. patch lens
		arg.-DM.				whi. anhyd.-DM. with arg. layers	
		←20 dol. AGL				purple stromatolite in bottom	
		DM p.					
		gry. dol.-sdy. AGL partly arg.-ss.					
		whi. mass. anhyd.-DM					
850m	DM			900m	DM		

Drill hole No. : W12C-9.

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(10)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
905	AGL	pinkish grey sdy. AGL interbedded with arg-ss. cross bedded	Anhyd. lens	955	AGL	grn. AGL with grit & irreg. sdy lens thinly interbedded with ss. with plank QZTi ss. lens	
910	DM	whi. mass anhyd-DM		960	AGL	conv. la. by water-esc. str	
915	AGL	pinkish grey sdy-gritty AGL		965	AGL	grn. AGL	Dol. Anhyd. patch/lens
920	AGL	pinkish grey sdy-gritty AGL with arg-ss. partly QZTi		970	DM	whi. mass. DM	
925	AGL	pinkish grey sdy-gritty AGL with arg-ss. partly QZTi		975	DM	whi. mass. DM pure crystalline	Anhyd. lens Py. v. w. diss.
930	AGL	pinkish grey sdy-gritty AGL with arg-ss. partly QZTi		980			
935	AGL	pinkish grey sdy-gritty AGL with arg-ss. partly QZTi		985			987.6-987.7 m minute Cp-fy. diss. v. w. Py. v. w. diss.
940	AGL	pinkish grey sdy-gritty AGL with arg-ss. partly QZTi		990			
945	AGL	pinkish grey sdy-gritty AGL with arg-ss. partly QZTi		995			
950	AGL	pinkish grey sdy-gritty AGL with arg-ss. partly QZTi		1000			

Drill hole No. : M2C-9

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(11)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
1000		mica-DM ← 5% arg-ss. with arg. layers & dol. partings (10cm)	Anhyd. patch	1055		dol-ss. ← 5 whi. mass DM. p. with arg. layers	
1005		DM-AGL-SS. interb. thinly ← 5-10 dol-SS. with arg. layer ← 5 th. mica-AGL p. with grit ← 10 whi. QZT. p. ← 5		1060		thinly interb. QZT-AGL ← 5-10 th. thinly laminated AGL with sdy. lens th. sdy. mica-arg-sil-ss. th. sdy-AGL p. gy. arg-QZT ss. with arg. lens-patch gy-whi. mica-DM. p.	Py. v. w. diss.
1010		whi. mica-DM. mass. with arg. layers & ← 5 gritty ss. partings		1065		thinly interb. QZT-DM-AGL.	Anhyd. lens.
1015		← 5 dk. gy. thinly laminated AGL (20cm)		1070		gy. mica-dol-anhyd- QZT ss. cos. mass comp. hd. whi-dk. gy. sil. ← 10 th. arg. layers broken irregularly by water-ess. sh. dk. gy. arg-QZT ss. QZT th. gy. arg-QZT ← 25 ← 40 with arg. layers	
1020		← 5 gy. arg-ss. with arg. layer & silica lens whi. mica-DM with arg. layer arg-ss. with arg. layer ← 15 ← 5 gy. thinly laminated sdy. AGL with many QZT lens. gy. arg-QZT sdy. AGL	Py. w. diss.	1075		partly micaceous gy. QZT.	
1025		QZT. p. arg-gritty ss. ← 5 gy. thinly lam. sdy. dol- AGL	Cp. w. diss. in bottom AGL - Cp. diss. in b-p.	1080		interbedded ← 20 ← 30 dk. gy. arg-gritty QZT ss & sdy. AGL gy. thinly laminated ← 30 sdy. dol-AGL with QZT lens with dol. spot	Py. w. diss. minute Cp. diss Dol. vlt.
1030		whi. mica-DM gy. sdy. AGL QZT in bottom whi. sdy. sil. DM ← 5 gy. v. sil. AGL thinly laminated whi. mica-DM QZT greyish whi. cos. crystalline pure QZT. ← 25 with arg. layers	Cp. py. w. diss. Py. w. diss. Py. (Cp) w. diss.	1085		← 30 b. ← 40 thinly laminated dol-AGL	Cp-(Py) in dol-silica spot Minute Cp predominant in bedding plane and small silica nodule
1035		dol-ss. p. ← 20 with arg. layers	Py. w. diss.	1090		v. sdy. dol-mica AGL laminated dol-AGL ← 35 b. with dol-sdy layers	Cp blob cross b-p. Cp-Py Py diss. in b-p.
1040		← 10 mica-dol-ss. p. QZT th. AGL with dol-ss. (interb.) ← 10 arg-ss. gy-whi. anhyd-DM dk. gy. mica-arg-dol- SS. with arg. layers ← 5 partly interbedded (SS-AGL)	Anhyd. lens	1095		with silica lens ← 30 b. ← 70 v.	Pol-silica vltts Cp-Py Py. diss. Dol vlt with Cp.
1045		th. mica-AGL p. ← 5 greyish whi. anhyd-DM. p. ← 5		1100			
1050			Anhyd. lens.				

Drill hole No. : WJ2C-9

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(12)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
1105m	AGL -25 with sdy. layers with dol. spot ~ lens	gry. dol-AGL	partly (1100.2-1100.6) Cp. diss. Py. diss. ~ bleb in b.p.	1155m			
1110m	dk. gry -25 whitish gry.	dk. gry whitish gry.	fine Py. diss. Cp. str. diss. - patch - Hob	1160m			
1115m	with dol. lens whitish gry. schistose -20 dk. gry. mica arg. gilly @27 gry. pebbly @27. pebble ϕ 0.5 cm	whitish gry. schistose dk. gry. mica arg. gilly gry. pebbly @27. pebble ϕ 0.5 cm	irreg. large Cp patch rich fine cos. grain Cp (Py) dbs.	1165m			
1120m	partly mica-arg. ss. -30 indist. w. b.p. -25 gry. cos @27.	partly mica-arg. ss. gry. cos @27.	v.f. Cp - Py. diss. w. Cp. diss. (w-M)	1170m			
1125m	arg. @27 whi. @27 dk. gry. arg. mica @27ic ss. partly pebbly	arg. @27 whi. @27 dk. gry. arg. mica @27ic ss. partly pebbly	Co-mineral? diss.	1175m			
1130m	X -30 with arg. lens w. dol. arg. @27ic ss.	X -30 with arg. lens w. dol. arg. @27ic ss.	1128.5 \pm Cp. w. diss. in Anhyd. patch \times s.s. Anhyd. Vt ~ patch	1180m			
1135m	Biotite Anhyd. rock granular K-feldspar with arg. lens w. dolomite	Biotite Anhyd. rock granular K-feldspar with arg. lens w. dolomite	Sogr. @2. Vt. Dol. lens impant	1185m			
1140m	dk. gry. CGl. Peb: @2, sil. alt. Quartz Anhyd. irreg. spot in Bio. matrix @27 pink. anhyd. @27. dk. gry. Bio. rich @27	dk. gry. CGl. Peb: @2, sil. alt. Quartz Anhyd. irreg. spot in Bio. matrix @27 pink. anhyd. @27. dk. gry. Bio. rich @27	Bio-schist Anhyd. lens.	1190m			
1145m	-25 Bio-arg. layer gry. dol. @27 with Bio -20 mica-arg. layer	-25 Bio-arg. layer gry. dol. @27 with Bio -20 mica-arg. layer		1195m			
1150m	114476			1200m			

Drill hole No. : M32C-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(/)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
0	L	reddish brown Laterite	deep weathering		DH		
	L						
	L	purplish brown LAT.					
5	L			55			
	L	purplish gray alt. Argillite	moderate weathering			DH > AGL yellowish whitish gry.	
10	AGL			60	AGL	AGL > DH	
	AGL	gry. (yellowish partly) mica-AGL. soft, silty	partial weathering		AGL	16. SHALE -20 b phyllitic -15 b with slaty cleavage comp. hd.	→ Coring with dol. lamina & Py lamina Py-Po. diss./thin lens.
15				65			
	AGL	yell. alt. AGL.	moderate weathering				
20				70			
25		yell. dolomitic AGL.	wet.	75		dk. gry. SHALE	
30				80			
35	AGL	dk. gry. w-hd. phyllitic AGL.	↑ Ground water partly weathered.				
				85			
	AGL	(fine sudge) dk. gry. AGL > DH					
40							
				90			
45				95			
50				100			

Drill hole No. : WJZC- (0

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(2)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
105m	AGL	dk. gry. dol. AGL-shaly		155m	DM		
				155m	AGL	olive gry. soft. mass AGL.	
				155m		DM. p. with Amphibole	Py. v. w. diss. pseudomorph
				160m	AGL		
				160m	DM	whi.-gry. arg.-DM. interbedded with AGL. thin layers	Py. lens-diss. with columnar acicular crystal.
				160m	AGL	gry. dol. AGL. interbedded thin DM AGL in part.	
116m	DM	gry. arg.-DM.	Wet Limo. in fracture (weath.) Ground water	165m	DM	gryish greenish whi. arg.-DM. with many pale green arg. layers	
120m		is arg. parting (10cm)	Py. (cos. cryst.) w. diss.	170m		to pale green arg. layers	
125m	DM	gry. dol. AGL. mass.		175m		whi. mass. DM.	
125m	DM	gry. arg.-DM. loose is with arg. layers		180m		greenish whi. arg.-DM.	sil.
130m		whi.-gry. DM.	fractured along bedding plane	185m		arg. lamina	Py. diss. (H)
130m		weath. brown DM.		190m	DM	gry. dol.-AGL	
130m	DM	whi.-gry. arg.-DM.		190m	AGL	dk. gry.-lk. shaly AGL. thin laminated	Py. diss. in k-p.
135m	AGL	gry. mass. Arg. clayey soft		195m	AGL	green AGL - gry. dol. AGL. thin interbedded	with sil. dol. band.
135m	DM	whi. mass. comp. DM.	Bio. str. diss. Py. w. diss.				
140m	AGL	30 gry. dol. AGL with dol. lamina					
140m		ss. parting fractured DM. parting					
140m	DM	whi. mass. DM					
145m	DM	gry. AGL. fractured whi. mass. arg.-DM with arg. parting					
150m		fractured					

Drill hole No. : WJ2C-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(3)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
205	AGL DM	fin. mica. AGL / gry. dol. AGL gry. dol. AGL gryish whi. arg. DM with arg. layer arg. DM / AGL. thinly interbedded	interbed. Py. w. diss.	255	AGL DM	gry. dk. gry. sil. AGL whi. sil. DM. partly porous with arg. layer strolite with gen. arg. layer with gen. alt. Amphibole?	str. sil. vt. Py. w. diss. in b-p.
210	DM AGL	gry. dol. sdy. AGL / dol. SS / DM. interbed.		260	DM AGL	gry. arg. DM. dk. gry. dol. AGL gryish whi. sil. DM	with silica lens with Amph. cryst. Qz lens, Bl. dr.
215	DM			270	DM AGL	with AGL breccias	drusy Dol. vfts
220	AGL DM	dk. gry. sdy. AGL with dol. SS layers & Dol. bands whi. DM. with arg. layers gry. AGL / DM. thinly interbed.	Gyp layers	275	DM AGL	arg. DM. with mica layers dk. gry. dol. AGL with dol. layers	Dol. vfts (drusy)
225	DM AGL	whi. DM. partly porous sdy. DM with arg. layer gry. AGL with dol. SS band.		280	DM AGL DM	gryish whi. DM. dk. gry. CGl. (AGL, DM) dk. gry. AGL with dol. layers whi. DM. with small pore	drusy Dol. vfts (network)
230	DM	partly porous gryish whi. arg. DM.	Py. (con. cryst.) diss. (M) partly partly silicified.	285	QZT	dk. gry. CGl. loose DM, AGL pebbles (φ 2-3mm) Dol. Bio. matrix gry QZT, brecciated	
235	AGL DM	gry. mass. dol. AGL gryish whi. arg. DM.	Dol. irreg. vfts. Lino. in frs.	290	AGL	dk. gry. v. sil. sdy. AGL dk. gry. granish. mass. Bio-AGL	Qz. vfts Qz. vfts. str. sil. Dol. Bio. vft. network
240	AGL	gryish gry. mass. dol. AGL.	Py. w. diss. silicified. M. Qz. patch vft. px. diss.	295	QZT	whi. gry. QZT.	Qz. vft.
245	AGL	brecciated by silica net v. sil. AGL					
250	AGL	dk. gry. mass. sil. AGL with silica nodules sil. dol.	Py. diss. in b-p. Qz. vfts				

Drill hole No. : WZC-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(4)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
	QZT	whi. gry. QZT.			GAB		
305m	X	gry arg.-QZT. pinkish gry K-feldspathic QZT. brecciated. Bio. diss gry. arg.-QZT. in part		355m	X		brownish gry. Cal.-silicate-Py Bio. irreg. vlt.
310m	X	pinkish whi. QZT.	str. sil. Qz. network.	360m	X	50 sheared vein 60 sh. v.	large cryst. Qz vein Qz-Bio. vlt.
315m	X			365m	QZT	whi.-gry crystalline DM mass. comp. hd.	sil. (w-M)
320m	GAB	dk. gry. alt. fine GABBRO with muddy facies	sil. (w-M) Py. w. diss.	365m	GAB	pinkish gry. feld.-QZT.	sil. (M) Carbonate-(Qz) network.
325m		holocrystalline mass. comp. hd. 80 sh. frs.	cal.-Bio. vlt.	370m	QZT	pink-gry-whi. QZT.	
330m				375m	X	55 sh. frs. dk. gry arg. partly	irreg. silica network. with Dol. patch
335m	GAB		cal. patch-film	380m	X	dk. gry. arg. partly brecciated	silica network.
340m				385m	X		with drusy Dol. patch
345m	X	Carbonate-Biotite rich alt. GAB. 75 v.	pink silicate-Bio. irreg. vlt. Cal.-brown silicate-Bio. Py. vein (3cm)	390m		whi. QZT.	with Dol.-Cal patch
350m	GAB			395m			with dk. grn. clay patch
				400m		dk. grn-gry arg. partly with qm. Alter fragments	

Drill hole No. : NJZC-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(5)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
	QZT	greyish whi. pebbly QZT. with grn. arg. ss. irreg. pebbles			QZT		with grn. whi. clay patch
405m				455m		relatively pure QZT.	
			Dol.-Anhyd. patch			← 25 grn. arg. layers	
410m			Gyp.-Dol. patch	460m	QZT	whi. QZT.	Qz. network sil.
		whi. QZT.			AGL	grey. sil.-AGL brecciated	
415m		dk. grey. AGL. irreg. lens	Gyp.-Qz. v.lbs		QZT	bre-AGL	
		grey-whi. QZT			DM	grn-whi. DM. stylolite	
420m					DM		
		dk. grey. AGL. lens	with dk. grn. clay patch	465m	AGL	dk. grn.-grey. clayey soft brecciated AGL w-sil. partly	
425m			irreg. Qz. network str. sil.			with whi. clay patch	
				470m		thinly laminated brecciated contemporaneously	Qz. v.l. partly. pol. irreg. v.lbs
430m		whi. w-dol.-QZT.	iron mineral? diss. grn. clay patch	475m		grey-grn. clayey soft laminated bre-AGL.	grn. clayey alt. clayey alt. (core broken)
					AGL	grn. shdy. AGL.	
435m		whi. dol-QZT/SS.				sheared zone grn. shdy. AGL partly laminated	
				480m		grn. mass. shdy. AGL	grn. clayey alt. soft.
440m		← 20 arg. layers			AGL	grey shaly AGL	fractured grn. clay filling fis.
			Qz network.	485m		laminated AGL with grey shaly layer & whi. shdy. layer brecciated contemporaneously	
445m		← 25 arg. layers with arg. SS fragments	Qz.-Mica network str. sil. iron mineral diss.	490m			
					SS	whi. dol. SS. with AGL patch	
450m				495m	AGL	whi.-grey. shdy. AGL.	
					SS	whi.-grey. dol.-gritty SS. with AGL. patch.	
				500m	AGL	dk. grey. AGL. laminated with shdy. band. brecc. contemp.	

Drill hole No. : WIZC-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(6)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
	AGL	dk. gry. bre-AGL laminated			sh. z.		
	X				AGL		
	X				dk. gry. mass. AGL (slty) comp. hd.		Dol-Anhyd. patch-vlts
505m	X	whi.-gry alt. bre-AGL	w.sil. - clayey alt.	555a		dk. grn-gry mass. -35 b laminated partly	Anhyd-Dol. network.
	X				AGL	grnish gry. mass. sdy AGL.	Dol. vlts. network.
	X	←20 b laminated gry. bre-AGL	↑ fractured, clayey sheared zone	560a	X		
510a	X				X		
	X	←25 b laminated with whi. sdy. band.			DM	whi. mass. DM with small cavity	Anhyd. patch silicified partly
	X	dk. gry. AGL / whi. sdy. part					
	X	arg. mixture					
	X	whi. sil.-dol. band					
	X	←30 b laminated AGL	with whi. sil. layer.	565a			
	X	conv. sheared, gry-whi. laminated			AGL	←60 gradual pale grn. dol-AGL	
515a		dol. silty AGL.			DM		
		Dol. p. (20cm)	whi. sil.-clayey alt. partly.	570a			
	X		Silica-Dol. vlts		AGL	gradual grnish gry. mass. AGL.	
520a	X					←60 DM p.	
	X	sh. fr.			AGL	dk. grn. mass. AGL.	Dol-Anhyd. network.
	X	dk. gry. mass. bre-AGL.	whi. silica-clay filling frs.	575a	X		
	X	←20 b	Silica-Dol. vlts		X		
525a		dk. gry. mass. AGL			X		
	X	whi. gry. alt. AGL.	sil.-clayey alt.		X		
	X	partly sheared			X		
530a	X	←60 b bre-AGL.		580a		conv. lamination pale grn. clayey bre-AGL. mass.	
	DM	←45 gry-whi. mass. DM stylolite			X		
					X		
535a	DM	←60 v.	Dol. vlt.		X		
	X	dk. gry. mass. bre-AGL.	reddish Dol. vlt.	585a		←60 sh. z. gry. clayey	Px diss.
	X				DM	gry. arg. DM with arg. layers convoluted	
	X					whi. DM. small cavity rich.	
	X					←55 stylolite	Px. diss. silicified partly
	X				DM		
	X					with whi. clay patch-layer	
540a	X	dk. gry.	clayey alt. grnish-whi. reddish dolomitic part rich. grn. clay filling frs. gry. vlt.	590a			
	X					←35 stylolite	
	X				DM		
	X				X	arg. DM in part.	
	X				X	←60 sh. fr. gry. clay	
545a	X		purplish Dol-Anhyd. vlt. rich.			←50 stylolites	
	X			595a			
	X					gryish whi. arg. DM	
	X				DM		
	X					mixture of DM & AGL	
	X					←60 gradual	
550a	X		Dol. Anhyd. filling frs.		AGL	pale grn-whi. gry. AGL.	soapy clayey alt. soft. Dol. vlt.

Drill hole No. : WJ20-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(7)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
605	AGL	mass. alt. AGL soft sh. fr.	pale grn - whi gry. clayey alt. @2 - Dol. vlt	655	AGL	gry. mass. dol. AGL	Anhyd. patch
	DM	whi. - gry. mass. DM with clay patch		660	DM	gry. arg. - DM p.	Py. w. diss. ~ lens
	DM	10 stylolite			AGL	with dol. lens	Anhyd. large lens ~ patch
	AGL	20k. pale grn. mass. AGL	clayey		AGL	sdly-mica. AGL	Py. elongated lens ~ diss.
	AGL	20k. brown-whi. DM p.					
	SS	whi. - gry. SS	layr.				
	AGL	25 dol. - arg. ss. with arg. layer.	clayey soft.				
	AGL	plate grn. whi. gry. mass. AGL					
	AGL	congl. lamination					
	AGL	55 sh. frs.					
	AGL	congl. frs. 2.					
610	DM	whi. mass. DM.					
	AGL	30 stylolite					
	AGL	50 sh. frs.	Anhyd. vlt				
	DM	brownish gry. arg. - DM laminated					
		spotted DM.					
		partly micaceous	Anhyd. patch				
615		arg. - DM.					
	AGL	30k. greenish gry. comp. hd. sdly. AGL with sil. lens	Anhyd. vlt				
	DM	brownish gry. arg. - DM					
		grn. sdly. AGL with grit & irreg. sdly. part					
		20 with sil. layers					
620		sdly. dol. layers interbedded	grn. alt. Anhyd. spot in dol. layer				
		20k.					
	DM	arg. - DM - sdly. sil. DM					
		gry. dol. - arg. / sil. - DM.					
625	AGL	grn. sdly. AGL	grit.				
		20 with sil. sdly. layers	Anhyd. patch				
		30 stylolite	clayey				
		whi. - gry. mass. DM.					
		22 TiC SS p.					
	AGL	10 arg. - grt. laminated	with grn. alt. spot.				
	DM	whi. - purple irreg. spot - DM	Anhyd. (matrix) Py. lens ~ diss. in DM.				
		brownish gry. arg. - DM	Py. diss.				
630			Anhyd. lens, Py. diss.				
		whi. mass. pure DM.	Anhyd. spot				
			Anhyd. - @2 vlt				
635		Dol. > Anhyd.					
		gry. arg. - DM. parting					
	DM	whi. mass. DM with Anhyd.					
640							
	AGL	gry. mass. w. dol. - AGL with whi. dot.	Py. diss. Anhyd. patch				
			large lens				
	DM	20 gry. arg. - DM laminated partly	Py. diss. in arg. part.				
645		whi. mass. DM					
		brownish gry. - whi. spotted DM. - Anhyd. (matrix)					
	AGL	gry. mass. AGL with whi. dol. dot.	Anhyd. vlt.				
650							
	AGL	gry. mass. dol. AGL					
	DM	gry. arg. - DM p.					
	AGL	with dol. lens					
		sdly-mica. AGL					
	DM	whi. - purple Anhyd. - mica. - DM.					
		10 with arg. layers sdly. DM.	w. silicified partly Py. diss. in b-p.				
	DM						
	AGL	dk. gry. v. sdly. AGL with grit	Py. diss. ~ small patch				
		20 with silica lens					
	DM	gry. whi. spotted DM.					
		interbed. AGL - SS	Anhyd. spot.				
		10 grit layer					
	AGL	gry. silty AGL					
		10 with sil. lens.	Py. diss.				
		conv. l. sdly. AGL					
		10 with dol. lens					
670							
	DM	gry. whi. mass. DM with arg. layers conv. l. sdly. arg. - DM.	Anhyd. patch				
		whi. mica. - DM.					
675							
		with arg. layers					
	AGL	dk. gry. sdly. AGL					
		partly interbed. AGL - SS.	Py. cubic cryst. diss.				
	DM	whi. mass. DM.	Anhyd. spot ~ lens				
680							
	AGL	dk. gry. sdly. dol. AGL with dol. lens.					
	DM	gry. whi. sdly-mica. - DM.					
		spotted DM					
		10 with arg. layers					
685							
		5 arg. layers					
	DM		Anhyd. irreg. patch ~ lens				
690							
	AGL	dk. gry. sdly. AGL with grit					
		DM p.					
		arg. - sdly. layers					
		5 interbed. partly.	Anhyd. patch				
	DM	sdly. DM.					
	AGL	interbed. arg. - dol. layers					
		sdly. AGL					
		with sil. - sdly. lens & grit					
	DM	gry. whi. sdly. DM	Anhyd. irreg. patch.				
	AGL	sdly. AGL laminated					
700							

Drill hole No. : WJZC-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(8)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
705	AGL DM	5 sdy. AGL thinly laminated gry. sdy. DM with arg. layers	anhyd. py. patch in part.	755	AGL DM AGL	whi. anhyd-mica-DM. dk. yell. -gry str. mica-AGL partly dol.-AGL.	Anhyd. irreg. patch ~ lens
710	AGL DM	dk. gry. sdy. AGL with dol/silica layers gry. arg. DM. 10 with arg. layers gry-whi. mica-DM	Anhyd. lens ~ vlf Anhyd. spot	760	AGL DM AGL	5 with girt layers and sdy. layers mica-AGL dol.-AGL whi. anhyd-mica-DM reddish banded Stromatolite with Anhyd. band	
715	AGL DM AGL DM	gry. sdy. dol. AGL gry-whi. mica-DM. with arg. layers	Anhyd. lens.	765	AGL DM	gryish gry. sdy. AGL thinly interbedded with indy. layers conv. l. sdy part mixed irregular	
720	AGL DM AGL DM	gry. sdy. AGL whi. mass. DM. sd. AGL gry. sdy. DM. DM lens dol. sdy. AGL		770	DM AGL	gryish whi. arg. DM. gry-gry. sdy. AGL 5 with girt layers and sdy. irreg. lens	Anhyd. patch
725	AGL DM AGL	gry-whi. arg-sdy. DM. 5 dk. gry. v. sdy. mica (Bio)-AGL DM lens gry. AGL		775	DM AGL	whi. str. mica-DM. with arg. layers conv. l. reddish. Stromatolite	
730	AGL DM AGL	gryish whi. arg-mica DM dk. mica-sdy. AGL. gry-gryish whi. arg-mica-anhyd-DM	Anhyd. small lens Anhyd. patch	780	AGL DM	dk. gry. str. mica (Bio) AGL with many dol. dots partly laminated mass. mica-sdy. AGL	Anhyd. small patch
735	AGL DM AGL	sd. AGL parting gry. mass. DM dk. gry. dol-sdy. AGL	Py. dis. partly Anhyd. patch	785	DM AGL	whi. anhyd-DM (upper) 40 Bre. Strom.-DM (lower)	
740	AGL DM AGL DM	gry. arg. DM whi. anhyd-DM with arg. layers gry. dol-sdy-AGL whi. spotted-bruciated anhyd-DM		790	AGL DM	dk. gry. dol-mica-AGL dol. lens/dot. 5 dol. lens, bounding st.	Py. large euhedral crystal dol (1 cm) Anhyd. irreg. patch.
745	AGL	dk. gry. sdy. dol. AGL		795	AGL	dk. gry. -lk. sd. mica AGL with water-escape str.	Anhyd. patch ~ vlf.
750	AGL	dk. yell. gry. 10-5 str. mica-AGL	Anhyd. patch ~ lens	800	AGL	lk. mica-dol. AGL. with dol-dol/lens dol lens	

Drill hole No. : WJZC-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(9)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
805m	AGL	lk. mica-AGL -ss with dol-dot/lens	Anhyd. patch	855m	DM	blk. mass AGl. dol dot. sdg. lens grey-whi. arg-DM. with arg layer	Anhyd. patch
810m	AGL	dol-SS parting with ss. lens	Anhyd. patch & lens	860m	AGL	with many irreg. sdg. lenses whi. mass. comp. DM with sil. patch partly	with Anhyd.
815m	conv. l.	conv. l.		865m	DM	arg. lens	Anhyd. vlt. & lens
820m	AGL	blk. mass. AGl. with dol-dot ss. lens, boudinage str.		870m	AGL	dk. gr. sdg. AGl. p. with v. dt. Amph. crystal.	
825m	AGL	5 grit layer (conv.) grit layer		875m	DM	with fine mica with arg. layer	
830m	AGL	gritty AGl.		880m	AGL	v. mica (mus.)-DM anhydritic DM. 20 arg. layer	869.7 ~ 878 m minute Cp-Py. diss. w. Anhyd. lens.
835m	AGL	5 sdg. lens dol dot 5 gritty-Qtz lenses	sdg. Py. lamina in part. Anhyd. patch	885m	AGL	with arg. layer str. micaceous partly DM. with arg. layer 15 dk. grey thinly laminated arg-SS sdg. AGl	
840m	AGL	Qtzic ss. lens 5 Qtzic lens sdg. gritty lens	Segr. Qtz. vlt.	890m	AGL	grey dol. SS. med. - cos. partly Qtzic + 10 DM. AGL sdg. AGl. SS	Anhyd. lens (poor)
845m	AGL	5 laminated partly ss. lens, boudinage str. blk. mass. AGl. with dol. dot.	Anhyd. patch	895m	AGL	15 AGL-SS, thinly interb. dk. grey arg. SS. whi. arg. mica-DM. with arg. layer arg. dol. SS. DM. p.	with conv. l. in DM
850m	AGL			900m	AGL	sdg. DM. p. arg. SS with arg. layer gritty-Qtzic partly AGl-SS, thinly interb. arg. Qtz. p. DM-AGl thinly interb. grey arg. Qtzic SS with arg. layer & 10 grit DM arg. mica-DM. conv. l. arg. SS. partings	

Drill hole No. : YJ2C-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(10.)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
905	DM ASL	arg. mica - DM -15 sdy. AGL	Cp. n. diss. in DM.	955	SS SS	gry. arg. bio-dol. hd. SS. greywacke quartz lens - arg. layer interb.	Py. diss. in arg. part
910	DM AGL DM AGL DM DM AGL DM AGL DM AGL	arg. - SS. dk. grey thinly laminated -10 sdy. DM. mica - DM. mass. arg. - SS. -15 dk. grey thinly lam. AGl shaly sdyl AGL DM with arg. layer dk. grey Arg. conv. DM -15 arg. - SS dk. grey thinly lam. AGl sdyl AGL DM with arg. layer dk. grey Arg. conv. DM -15 arg. - SS dk. grey thinly lam. AGl	Asst. with dol. dot.	960	SS SS SS SS AGL	1/2 blk. gritty AGl. laminated -5 v. sil. greywacke gry. arg. - dol. @ZT gry. v. sil. granular Cl. Agl. quartzite crystal fragment Pebb. @ZT -15 blk. pabbly AGl. 1/2 blk. sdy. AGl. thinly laminated	Anhyd. patch Py. diss. Segr. @z vlt. (7cm), milky dsh.
915	AGL DM AGL DM QZT	dk. grey sil. AGl QZT lens 1/2 sh. shaly AGl, thin lam. F. sdy. gry. whi. sil. - DM with conv. mica layer whi. - gry. QZT.	Anhyd. lens (poor) Py. v. diss. partly. Py. diss. in b.p. bottom - v. silicified silicified partly Py. diss. w.	965	AGL AGL AGL	1/2 blk. sdy. AGl. thinly laminated -10 with small dol. (Py) spot -30 v. w. dol. - AGl -10 gry. thin lam.	Py. diss. - m. Anhyd. lens (poor) Py. diss. in b.p. (CM) Segr. @z vlt. (3cm) euhedral Py. diss. v. fine Py. diss.
920	AGL DM AGL	whi. QZT with arg. layer -15 arg. layer Bio. diss.	Dol. - Bio. patch/vlt. (poor) Py. diss.	970	AGL AGL AGL	-15 dol. lamina. -15 v. -15 Bio. layer gry. v. corp. hd AGl with dol. nodule Bio. str. diss.	Py. diss. (M), euh. cube. Segr. milky @z (7cm)
925	AGL	-10 arg. layer	Py. diss. in arg. layers	975	AGL	1/2 blk. str. Bio-AGl with dol. - Bio. diss. layer	Py. - Po. diss. in b.p. @ rim of dol. spot. ↑ 974.9 m Cp. Po - Py. diss. in rim of dol. spot
930	DM SS SS SS SS SS SS SS	gry. arg. - SS. dk. grey AGl - dol. SS interb. thinly whi. Bio - DM. gry. dol. arg. (Bio) - SS. with AGl lens.	Anhyd. lens. Dol. - Anhyd. irreg. patch, rich	980	SS SS SS SS SS SS SS SS SS SS	-10 v. -15 1/2 blk. str. Bio-AGl with dol. - Bio. diss. layer -10 v. -20 v. -30 v.	whi. @z vein, clean Py. - Po - Cp. irreg. patch - diss. ↑ 979.8 m Dol. irreg. lens vlt. Cp. - Po irreg. lens ↑ 982.5 m Cp. Py. w. ↑ 985.2 m Cp. Py. m. gish. clayey att. Amph? crystal? diss. in AGl.
935	SS SS SS SS	-15 anhyd. - DM. p (10cm) whi. anhyd. - arg. - DM. dol. - arg. Bio. - SS.		985	AGL AGL AGL	-10 @z clean v. Cp. diss. gry. pabbly dol. SS ~ granule Cp. l. in top. (Cz. Filds) Cp. dte	Cp. diss. in @ZT.
940	DM SS SS SS SS SS SS	-10 DM p. (20cm) gry. hd. arg. - SS (greywacke) with irreg. arg. layer partly @ZTic		990	AGL AGL AGL AGL	gry. arg. - @ZT. -10 v. dk. grey arg. - @ZT. (greywacke)	Anhyd. vein Cp. diss. w. m.
945	AGL SS SS SS	sh. thinly laminated AGl. -10 gry. dol. - arg. hd. SS (greywacke) with arg. lens	Py. diss. in AGl.	995	AGL AGL AGL	irreg. mixture of @ZTic part & arg. part.	↑ 995.2 m Cp. diss. v. w.
950	DM	Bio - DM.	Anhyd. lens (poor)	1000	AGL	@ZT	

Drill hole No. : WZC-10

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(11)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
1005m		gry arg. Qtz (greywacke) with irreg. arg layer Anhyd. lens rich + ss anhydritic Qtz. with alg. patch		1055m			
1010m	BSG +	Anhyd. with Dio-arg layer Purple Anhyd. Bio. rock sh. Bio. schistose Alb + bio with granitic crystal altered granite cos. crystal (5 mm) 100% BSG	pebble Anhyd. patch. str. Bio. & gry clay arg alt. (feldspar) minute Cp. w. diss. in granite	1060m			
1015m				1065m			
1020m				1070m			
1025m				1075m			
1030m				1080m			
1035m				1085m			
1040m				1090m			
1045m				1095m			
1050m				1100m			

Drill hole No. : WJZC-11

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(/)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
0m	L				AGL		
5m	L	Laterite		55m		shaly AGL > mica-AGL ↓ mica-AGL > shaly AGL	
10m	AGL	yellow-white weathered Argillite	deep weathering ↓ partial weathering	60m			
15m		dk gray		65m			
20m		gray		70m		dk. gry shaly AGL = olive gry mica-silty AGL dd. layer (rare)	
25m		olive gray		75m			
30m		gray micaceous	↓ wet	80m		dd. layer	
35m		phyllitic mica-AGL	Ground water ↓	85m			
40m		dk. gry. hd. shaly AGL		90m		olive gry mica-silty AGL > shaly AGL	
45m		olive gry mica-sily AGL dk. gry shaly AGL	Interbedded ↓ wet	95m	AGL	with silica layer (rare)	↓ wet
50m					GAB	dk. gm. GAB altered (Bio-cal)	↓ Py. diss. partly
				100m			

Drill hole No. : WJZC-11

Direction:

(true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
105m	GAB	with platy cleavage		155m		th. Shale AGL → 25 b → 80 sh. frs gy. dol-AGL.	Py. laminations
110m				160m			Amph. crystal in dol-part
115m				165m		→ 15 dol-lamina DM partings	
120m				170m		dk. bk. v. sh. shaly AGL DM → 15 thinly laminated	Py. diss. ~ irreg. layers Py. lamina rich
125m		dk. gm. GAB, with platy cleavage	Bio.-calcitized	175m		→ 10 b. DM gy. mass. dol-DM.	Py. diss. (M)
130m		Limestone → 25 b > dk. gm. AGL Interbedded dk. gry. mass. silty AGL		180m		→ 35 arg. layer QZT gy. arg-QZT (dolonitic) vein DM weathered rock (DM) QZT gy. arg.-QZT.	Py. diss. whi. Segr.-QZ v. Lino. diss. brown weathered Lino. diss. drusy.
135m		→ 25 gry. whi. mass. LS. with arg. layer partly pinkish whi. LS. arg.-LS.	Py. w. diss.	185m		→ 25 arg. layers DM gry. whi. sil.-DM	Py. diss. (M) brecciated str. sil. QZ. net. Lino. diss. in drusy ffs.
140m		with arg. layers LS DM gry-gry whi. arg.-DM.		190m		with small cavity DM whi. pink. mass. DM. DM gy. arg.-QZT.	Segr. Dol. vlt. Segr. Qz. vlt. - Lino. diss. Qz. irreg. vlt. w. sil. Qz-Cal. drusy vlt. Lino. diss. in ffs. irreg. segr. Qz network, Lino. diss.
145m		→ 20 b. AGL gy. mass. AGL with dol. part.		195m		DM QZT DM QZT DM QZT DM QZT DM QZT DM QZT DM QZT DM QZT DM QZT	str. silicified Alca-Lino-Dol. network. Qz. net.
150m		→ 20 b AGL with siliceous lens (mass) → 55 sheared fracture	Py. laminations dk. gm. alt. Amphibole crystal in dolomite part.	200m		brownish whi. sil. DM AGL sil.-DM	Qz vlt. - Lino. diss.

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
205	DM	brown EH	Limo. - fr. sil.	205	GAB	50 sh. fr.	silicified partly.
	QZT	brownish wh. QZT. pinkish wh. QZT. with dol. spot.	Qz-limo. net. Dol. diss. Dol. vlt.			dk. gry. - gr. sh. mass. alt. - GAB.	sil.
	DM	brownish weath. arg-DM	str. Limo - sil.		GAB	brownish gry. weath. dol - Arg, brecciated dol - QZT / sil - DM bre - sil - DM with arg. matrix	sil.
205		50 brown weath. arg - QZT, laminated sil - DM weath. Arg brown weath. sil. hd. DM.		205	QZT	gry. whi. QZT.	Limo. w. diss.
210		75 pinkish, arg. QZT. arg. layers	weath. limo. diss. / vlt. net. Dol. vlt.	210		bre. - QZTic ss with gr. arg. matrix	
		arg. clayey. weath. Arg	Dol. irreg. vlt. net.		QZT	gry. arg - QZT. mass. comp. hd.	
		brown QZT.	Limo. diss. Dol. vlt.	215		Conglomeratic r. mica - Arg, QZT, DM pebbles in dol. matrix	
215		arg. layers Carbonized GAB. dk. gr. alt. - GAB. weath. QZT. GAB	Dol. vlt. Limo. net. Limo. - Dol. network. Dol. vlt.	215		gry. pebbly QZT. dk. gr. - gry. Conglomeratic Arg, ss, DM subround peb.	
		QZT	Limo. - Dol. vlt.		QZT	gry. arg - QZT. brecciated	Limo. filling frs.
220		gry. QZT.	Dol. (Qz) Limo. net.	220		with mica - arg. lens brown DM. lens	Limo - Dol. vlt. n. patch
225		dk. gr. mass. altered Carbonized GAB QZT		225		QZT	gry. v. hd. arg - QZT.
		whi. DM p. arg. - ss all GAB.	Limo. - Dol. vlt. net.			50 lamina.	
		DM	Limo. diss.	230		mica. arg. dol - QZT. bottom. - greenish arg. - ss. whi. mass. mica - DM.	
230		sil. - DM with druse (Col)			DM		
		gry. dol. - QZT. with dol. patch	Limo. diss. Segs, Dol. vlt. Dol. vlt. with limo. diss. in druse	235		60 fr. - limo. diss. sil. - DM. brownish w. weath. gry. arg - dol - QZT. dk. gry. v. hd. arg - QZT. 50 with arg. lamina.	weathered along frs. Limo. diss. Limo. - silica network.
235		CGZ / Breccias DM QZT mica - Arg dk. gr. mica - arg. - dol. matrix				dk. gry. - brown gry. arg - QZT, v. hd. 40 indistinct lamina.	
240		with arg. QZT, breccias QZTic lenses	weath. limo. diss. partly	240			
245		dol. matrix. gry. - dk. gry. arg - QZTic ss. sil. - Arg. gr. mica. partly sil. brecciated GAB		245		30 arg. lamina mid. fine QZT with dol. mica. part. pink sil. DM.	
250		dk. gry. - arg. alt. - GAB.		250		gry. arg. QZT.	

Drill hole No. : WJ20-11

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(4)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
305m	QZT +30 gm. Act. p. sil. - DM. p.	gy. arg. QZT.		355m	DM. mica - DM. olive grn - gy. +5 mica - Act. with dol. lens.	whi. spotted DM.	
310m	DM +20 dol. - QZT. pink-brown sil. - DM. gy. arg. - QZT with DM. p. pale grn. sil. - Act. with dol. lens		Dol. - Lino. vlt.	360m	DM. brownish whi. mica - DM gy. arg. - mica - DM		w. weath. Lino. diss. Py. w. diss.
315m	DM +20 greenish whi. arg. - DM with gm. arg. layers pale grn. Act. with dol. lens whi. mass. DM. +20 sil. - Act. with arg. layer grn. mass. sp. Act. DM. brown weath. DM.		Dol. vlt.	365m	DM. with small cavity arg. - mica - DM arg. layer		Py. w. diss. Anhyd. - Gyp. layers
320m	AGL +5 gm. sdy. Act. with dol. lens in sdy. lens DM +20 drusy DM grn. dol. - Act. brown weath. DM. st. weath. drusy.		Lino. diss. in small cavity	370m	DM gy. arg. - anhyd. - DM with irreg. arg. layer AGL dr. yel. - gy. mica - sdy. Act. conv. l.		Anhyd. patch Anhyd. - Gyp. patch - vlt.
325m	AGL olive grn. Act. with dol. lens partly		Lino. str. diss.	375m	AGL with QZT lens QZT: hd. ss. p. AGL		
330m	AGL whi. cas. dol. - ss. sil. - DM. p. dol. ss. - Act. interbedded.			380m	DM whi. mica - DM. gy. whi. arg. - DM.		Anhyd. - Gyp. patch - vlt.
335m	DM whi. brown weath. DM with small cavity grn. Act. with dol. lens DM brown weath. DM. weath. mica - Act. DM whi. brown weath. drusy DM.		weath. - Lino. diss.	385m	DM dr. yel. - gy. mica - sdy. Act. with grit & Act. lens interbedded with +10 dol. ss. & gilly ss. layer AGL gy. w. dol. Act. thinly laminated		Anhyd. - Gyp. patch
340m	DM drusy		Lino. in cavity	390m	AGL with dol. - ss. lenses dr. yel. - gy. mica - sdy. Act. partly dol. - anhydrite		Anhyd. patch - vlt.
345m	DM AGL grn. weath. dol. - Act.		str. weath.	395m	DM gy. mica - arg. - DM.		Anhyd. patch - lens.
350m	DM whi. drusy DM. mica - DM.		Dol. vlt.	400m	DM whi. mica - DM. anhyd. - DM.		

Drill hole No. : WIZC-11
Co-ordinates X:

Direction: (true north)
Y:

Inclination : -
Elevation :

(5)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
	0	whi. anhyd.-DH.			AGL	gn. sdy. AGL	Anhyd. patch
	1	DH			DH	p.	
	5	gry. arg.-DH with arg. layer	Anhyd. lens rich.	5	5-0		
405	AGL	dk. yel.-gry. mica.-AGL. with irreg. sdy. lens		5	DH	grish whi. arg.-DH. p.	
	3	DH		3	AGL		
	3	whi. mass. anhyd.-DH.		3	DH	ss. p.	
	3	arg. mica.-DH.			DH	grish whi. arg.-mica.-anhyd.-DH. with arg. layer	
410	AGL	gry. dol.-AGL	Anhyd. lens patch	7	AGL	gn. sdy. AGL with irreg. sdy. lens	
	3	DH			DH	grish whi. arg.-mica.-DH	
	3	whi. mass. anhyd.-DH.		7	AGL	gn. gritty AGL	Anhyd. lens
415	DH	arg. mica.-DH. dk. gry. mica.-AGL. p.		5	DH	whi. mica.-DH. with small cavity	weath. Lino. dss. in bottom
	7	DH		5	AGL	gn. sdy. AGL	Anhyd. small patch gyp. vlt.
	7	gry. whi. mass. DH.					
	7	anhyd.-DH. irregular -10 arg. layer.					
420	AGL	dk. yel.-gry. mica.-AGL with irreg. sdy. lens		470		dk. gn. mica.-AGL.	
	3	DH				weath. anhyd.-DH	Lino. str. dss.
	3	whi. anhyd.-mica.-DH.			AGL	with grit.	
	3	dk. yel.-gry. mica.-AGL with irreg. sdy. lens	Anhyd. lens patch	475	DH	gry. dol.-SS p. brown weath.-DH in top.	
425	AGL	arg.-DH		6	AGL	gn. whi. arg.-DH.	
	3	DH			AGL	gn. sdy. mass. AGL. with grit	Anhyd. patch lens
	3	dk. yel.-gry. sdy. AGL with irreg. sdy. lens & grit	Anhyd. lens				
	3	arg. sdy. layers laminated					
	3	whi. mica.-anhyd.-DH.		480			
430	AGL	dk. yel.-gry. sdy. AGL with irreg. sdy. lens			DH	purplish gry. DH with gn. arg. layer -10 gn. whi. arg.-DH.	Anhyd. spotted
	3	DH			AGL		
	3	gry. arg.-anhyd.-DH.					
	3	dk. yel.-gry. mica.-sd. AGL with irreg. sdy. lens	Anhyd. lens	485		-5 thickly laminated partly water-chape str.	
435	AGL	whi. mica.-anhyd.-DH.			DH	brown weath. DH with gyp. patch	Lino. str. dss.
	3	SS.			AGL	gn. mass. AGL. with irreg. sdy. lens partly	
	3	whi. mica.-anhyd.-DH.	Anhyd. lens rich.	490			
	3	arg. mica.-DH.					
440	AGL	dk. yel.-gry. mica.-sd. AGL with irreg. sdy. lens	Anhyd. patch lens				
	3	DH					
	3	whi. mica.-anhyd.-DH.					
	3	dk. yel.-gry. mica.-sd. AGL with irreg. sdy. lens	Anhyd. patch lens				
	3	DH					
	3	whi. anhyd.-DH.					
445	AGL	gry. dol.-AGL	Anhyd. lens	495			
	3	DH					
	3	dk. gry. mica.-dol.-AGL. p.					
	3	whi. anhyd.-DH.					
	3	gry. dol.-sd. AGL with irreg. sdy. lens					
	3	whi. mica.-DH.					
	3	gry. whi. mica.-DH with irreg. sdy. lens					
450	AGL	gn. sdy. AGL		500			

Drill hole No. : WJZC-11.

Direction: (true north)

Inclination: -

Co-ordinates X:

Y:

Elevation:

(7)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
605	QZT	pinkish gry. QZT. with arg. layers		605		to dk gry-sh. carbonaceous AGL. thinly laminated	Cp-Py-Po-Dol lens/spot/vlt (nodules)
610	QZT DM SS	partly micaceous arg. sh. AGL-dol-SS interbed. whi. anhyd.-mica: DM dk gry. dol-SS with arg. layers	Anhyd. patch	655		whi. gry. dol-AGL. with dol. nodules	↑ 653.9m Py >> Cp-Po
615	DM SS DM SS	DM p. dk gry. arg.-mica-SS. with arg. layers dk gry. sdy. AGL dk gry. arg.-SS. with arg. layers	Anhyd. lens	660		greenish gry. dol-arg-SS. ss. whi. blk. DM. CGL. v. comp. hd. round-subangular pebbles (QZT, AGL, SS, & quartzite.)	water escape sh. with Cp 656.4m
620	SS	gry. arg.-dol-SS. 5 arg. layer DM p. SS (20cm) 5 arg. layers		665		gry. pink. Bio-QZT. 15 with blk. arg. layer AGL-QZT interbed. 15 sdy. AGL. pink-gry. QZT. 15	QZ-Bio. vlt.
625	AGL SS DM SS	QZTic SS. with arg. layers 5 blk. sdy. AGL. thin-by lam. dk gry. arg.-dol-SS. whi. anhyd.-mica-DM 5 SS-AGL interbed. thinly	Anhyd. patch/lens	670		AGL-QZT interbed. pink-gry. QZT. AGL-QZT interbed. pinkish gry. arg-QZT. with arg. layers CGL round-subangular pebbles (QZT, SS, Bio-AGL, chert, Qtz, K-feld., > quartzite & 1.5cm.	st-Bio.
630	SS DM SS	gry. QZTic SS. 5 with arg. layers 5 dk gry. sdy. AGL. arg. SS., partly QZTic DM p. (15cm) with arg. layer anhyd. DM. p. (10cm)		675		SS. K-feld. pebb. rich. gry. clayey schistose r. SS pebbles, K-feld. fragment 1.5-2cm common. chert pebb. (rare)	
635	SS AGL SS AGL	sh. AGL-SS, interbed. anhyd.-sil.-DM. p. AGL-SS, interbed. whi. QZTic SS. with arg. layer gry. mass. sdy. dol-AGL. dol. spot lenses.	elongated Dol. spot with Py. rim	680			
640	AGL	5 QZTic lens (10cm) dol. spot.	f. Py. dks. w.	685			
645		gry. dol.-mass. AGL.	↑ 642.6m Py-Po >> Cp diss. Dol. spot with Po. rim Po(Cp) diss. in b.p. ~ lens	690			
650		dk gry. shaly AGL	↑ 637.0m Po-Cp-Py spot ↑ 629.8m	695			
				700			

Drill hole No. : WJZC-11

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(8)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
705m	Q27	whi. pure Q27. with Bio. band.		705m	Q27	largely crystalline Q27 greyish whi. Bio. diss.	
							Gyp. vlt.
			Bio. diss.	755m		← 5 v.	
			Gyp. vlt. (2cm)			← 15 arg. Bio. layers	
710m		← 80 v		760m		← 10 arg. layers	
		pinkish whi. pure Q27.				with brownish small part in Q27.	
		← 5 v. with arg. layer		765m		Bio. rich.	
715m		partly pebbly whi. grey pure Q27.				partly pebbly grey pure Q27.	
		Q27		770m		partly arg. ss. conglomeratic	Anhyd. Gyp. patch
		with granite r. & alt. porphyritic r. peb.	Gyp. vlt.			sh. fa. with irreg. arg. patch & Bio. r.	
		← 10 v. with arg. layers				6AB? fine Bio. basic r. mass with irreg. Q27ic lens like xenolith	Carbonatized
720m		pebbly Q27. gradually subangular pebbles (Biotitized r. & Q27 peb. dominant)	peb. size.	775m		relatively cos. crystalline Bio. - doleritic sh. gm ~ bh. mass.	Cal. vlt.
		← 5 Bio. arg. layer				bottom (30cm) - relatively fine & flow str.	
725m		grey pebbly Q27. with pink alt. granite	boulder			Q27. grey Q27. with fine Bio.	
		grey, Bio-Q27.	Bio. str. diss.	785m		← 15 grey. cos. crystalline altered Granite r. replaced to Q2. Bio.	Indistinct shape of crystals with fine fragmental part by alteration/shearing.
				790m		BSG	
730m		← 80 v	Q2. segs. - vlt. (2cm) with iron? mineral			← 70 sh. fr.	
		← 10 Bio. arg. layers	Gyp vlt Q2. vlt.	795m			whi. bleached in part.
		← 65 v	Bio. (large crystal, 5mm) diss.				
		partly pebbly Q27.					
735m							
		partly pebbly (Q2, st- granite r.)					
740m		Q27. Bio. rich.	Gyp. vlt.				
		← 85 v	Bio. diss.				
745m		relatively pure Q27.					
750m		← 85 v	Gyp. vlt. with small dose of Q2-Dol.				
		Q27					

Drill hole No. : VJZC-11

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(9)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
805m	+	granitic r.		852.87	+	gry. alt. granitic r.	str. sil.
	←40	bk. fine Bio-basic r.			+		
	←40				+		
	←35				+		
	←40	str. Diatizad rock.	gry. altered, indistinct tex. along Bio.-r.	855m			
	←40						
810m	+		partly v. sil. alt. leached	860m			
	+						
	+		leached. sil.				
815m	+			865m			
	+						
	+						
820m	←50		50gr. Qz. vein	870m			
	←35	bk. Bio-calcitizad basic r.	large mica & silica replace along both side of vein				
	+						
825m	+	gry. altered granitic r.	gry. sil.-alt. in part. Q ₂ -Bio. alt.	875m			
	+						
830m	+			880m			
	+						
835m	+			885m			
	+						
840m	←25	Bio.-r. (dyke form)		890m			
	+	gry. alt. r.	mica - Q ₂ alt.				
	←40	bk. fine Bio-Calk basic r.					
	+	small granitic r. remain					
845m	←40	relatively crystalline	Anhyd. vlt. In boundary	895m			
	←40						
	←35	gry. str. altered r.	Q ₂ -cal vlt near boundary str. silicified.	900m			

Drill hole No. : WJZC-12

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(/)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
0a	L	«Cuttings» reddish brown LAT.			AGL	dk. gry. shaly AGL.	py. dss. partly.
5a	L			55a			
10a	L			60a	DM	gry. whi. arg. - DM.	
15a	L			65a			
20a	L		wet ↓	70a	AGL DM	DM or dk. gry. shaly AGL (phyllitic)	
25a	L	yellow-brown LAT.	deep weathering.	75a			
30a	AGL?	pale olive weathered rock (AGL?)	M. - weathering	80a	AGL	dk. gry. - bk. dol. - shale - phyllite	
35a				85a			
40a				90a			
45a	AGL	gry. weath. AGL.		95a			
50a		dk. gry. shaly AGL. with dolomite part.	wet ↑	100a			

Drill hole No. : NJZC-12

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(2)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
105m	AGL DM	dk. gry. dol. shaly ~ phyllitic AGL. wh. DM. with AGL.		155m		gry. dol. - phyllitic AGL.	
110m		wh. DM.		160m	DM	gry. arg - DM.	Py. str. diss. partly.
115m				165m	GAB	dk. gry. - bk. GAB.	carbonatized
120m	AGL	gry. wh. arg. - DM. dk. gry. dol. - AGL phyllitic		170m		greenish bk. mass.	epi. py. diss. w. M.
125m	AGL	dk. gry. ~ bk. shale - phyllite	Py. diss. M. partly.	175m			
130m				180m			
135m	AGL			185m		mass. comp.	dk. grn. chl. - epi. altered. Py. diss. Bio. - calcitized
140m	AGL	gry. dol. - AGL. lk. shale - phyllite	Py. str. diss.	190m		so. v.	Dol. vlt. bleached & weathered part.
145m	AGL	dk. gry. dol. - AGL phyllitic	Py. M. - diss.	195m		70 v.	Bio. - Cal. - (Py) irreg. vlt. Dol. vlt. Cal. films.
150m				200m			Dol. vlt (2cm) w. - bleached partly cos. crystalline GAB.

Drill hole No. : WJ2C-12

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(3)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
205	GAB DM w. bleached GAB.	whi. silicified DM. w. bleached GAB.	Dol. films brownish weathered partly Dol. network	205	GAB -70 v. grey. sil.-GAB.	dk. grn. GAB. grey. sil.-GAB.	
210	GAB -50 v. dk. grn. alt.-GAB.	GAB. dk. grn. alt.-GAB.	Dol.-Bio. net Dol. vlt. Dol.-Bio. vlt	210	-70 v. bleached alt. GAB.	brown weath. GAB. bleached alt. GAB.	brownish whi. drusy Dol.-Limo vein vlt. net.
215	sil.-Bio. bleached. sil.-bleached.	sil.-Bio. bleached. sil.-bleached.	weathered partly	215	dk. grn. alt. GAB. mass. comp. -70 v.	dk. grn. alt. GAB. mass. comp.	limo.-Dol. drusy vlt Dol. vlt Dol.-Bio (fr) net.
220	GAB SS. greenish grey, brownish partly arg. sil.-SS. (mic.)	GAB. SS. greenish grey, brownish partly arg. sil.-SS. (mic.)		220			greenish whi. Dol. net.
225	GAB SS sil.-SS. (ca. 2%) gm. AG2 - DM. interbedded -30 v.	GAB SS sil.-SS. (ca. 2%) gm. AG2 - DM. interbedded -30 v.		225	+75 fault. -75 v.		gen. clay whi.-brown Dol.-limo. vein
230	brecciated partly brecciated AG2, sil. -35 v.	brecciated partly brecciated AG2, sil. -35 v.	weathered, limo. w. diss.	230	-70 pale grn. sheared clay zone -75	pale grn. sheared clay zone	Bio. str. diss. Bio.-Dol.-limo. vlt. -70
235	DM whi. sil.-DM. with Bio.-AG2 layers AG2 dk. grn. Bio.-AG2 with DM lens. DM -30 v. olive grn. AG2 with dol. layers DM-gm. AG2. Interb.	whi. sil.-DM. with Bio.-AG2 layers AG2 dk. grn. Bio.-AG2 with DM lens. DM -30 v. olive grn. AG2 with dol. layers DM-gm. AG2. Interb.	limo. w. diss. limo. diss. partly	235	-70 v. Bio. str. diss. -75 v.	Bio. str. diss.	limo. vlt. grn. clay - Bio. altered along vlt. Dol. (Bio) v. with small cavities
240	DM greyish whi. mass. DM. with arg. layer & Bio. comp. hd.	greyish whi. mass. DM. with arg. layer & Bio. comp. hd.	limo. diss. in small cavities	240		dk. grn. alt. GAB.	Bio.-cal. alt. Dol. vlt.
245	BZT grey dol.-BZT. pink field. rich DM whi. sil.-DM BZT -75 v. whi.-pinkish grey. BZT. BZT -70 v. v. sil. GAB. GAB greyish grn. sil. alt. GAB. nd. comp.	grey dol.-BZT. pink field. rich DM whi. sil.-DM BZT -75 v. whi.-pinkish grey. BZT. BZT -70 v. v. sil. GAB. GAB greyish grn. sil. alt. GAB. nd. comp.	limo. in small cavities silica-pink field.-Dol.-Bio. vein Dol. vlt.-net. Bio. diss. whi. mass Dol. vein	245		grn. alt. ws. crystalline	Dol. net.
250				250			

Drill hole No. : WJZC-12

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(4)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
295	AGL DM AGL AGL DM	5AB diagonal mica-AGL-DH interb. we. irregly gry-whi. Br-DH. bre-DH. with ASL patch whi. arg-DH.	colonized gray clayey sheared weak weathering. limo. dis	355	AGL DM AGL AGL DM	10 with gritty layered brwn. weath. DH. grn. mica-AGL to with dol. layers sdy. AGL grnish whi. arg-DH	limo. dis.
305	DM AGL AGL DM	brown bre-DH. with irreg. ASL bro sil-DH. whi. brwn. weath. CGL with AGL, DM. pebbles (Ø 1-3cm)	weathered. st. limo reworked zone	360	AGL AGL SS-AGL thin interb.	olive grn. mass. mica-dol-AGL	with small dol. druse
310	CGL AGL AGL DM	with small cavity (rare) whi. dol-Ø2T. v. comp. hd. weath. CGL	limonitized	365	DM AGL DM AGL	dol. sdy. AGL gryish whi. arg-DH. olive grn. dol-AGL	
315	Ø2T DM DM DM	brownish gry. Ø2T. +60. frs whi. DH parting gry bre-Ø2T. gry mass. comp. hd.	limo. filling frs.	370	DM AGL DM AGL	whi. mass. DH. Dol. sagr. vfts	
320	DM DM DM DM	gry DH. with AGL patch in top sil. weath. DH. -75 frs	partly silicified.	375	DM AGL DM AGL	olive grn. mass. sdy. AGL. -15 sh. fr.	with dol. druse
325	DM DM DM DM	with AGL patch brownish gry weath. Ø2T. fine grained -10 Ø2T -75 v.	whi. clayey, weathered	380	DM AGL DM AGL	whi. mass. DH. with small druse gry-whi. bre-DH. mass.	
330	Ø2T DM Ø2T Ø2T DM	pink-whi. sil. DH -5 sh. grn. AGL - gry Ø2T. interb. brwn. weath. Ø2T. with arg. layers gry Ø2T with dol. part.	Dol.-limo. vfts with small cavity	385	AGL DM AGL DM	olive grn. mass. sdy. AGL gry arg-DH. w-sil. -5-10	Gyp. vfts. Anhyd. small spot
335	DM AGL DM AGL	gry sil. DH. grn. mass. AGL with dol brwn. whi. mass. DH grnish arg. DH. pale grn. mass. AGL	limo. dis	390	DM AGL DM AGL	olive grn. sdy-AGL partly dol. drusy	
340	DM AGL DM AGL	grn. whi. (arg) DH sil-DH. with arg. layers pale grn. mass. AGL gry-whi. arg. DH.	spot. limo. dis. clayey-mica.	395	DM AGL DM AGL	gry arg-DH -5 with arg. layers olive grn. AGL. dol. sdy.	Anhyd. patch rich.
345	DM AGL DM AGL	with arg. layers pale grn. mass. AGL gry-whi. arg. DH. olive grn. mica-AGL.	limo. dis. small cavities - limo. dis	400	AGL DM AGL DM	with grit.	
350	AGL DM AGL DM	with arg. layers pale grn. mass. AGL gry-whi. arg. DH. olive grn. mica-AGL.	partly sil. w. soapy clayey limo. w. dis.				

Drill hole No. : WJ2C-12

Direction:

(true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(5)

Depth (m)	Core Log	Lithology	Mineralization / Alteration	Depth (m)	Core Log	Lithology	Mineralization / Alteration
405m	AGL DM	olive gm. silty-sdy. AGL with grit layers sk -50v bk mica-AGL arg-DH (top) whi. mica-DH with dense	Gyp vlt. Gyp vlt. Anhyd. patches rich Gyp vlt. - Anhyd patch Dot. dense patch rich	455m	AGL DM AGL	sdy. AGL with grit whi. anhyd-DH arg-DH grn-gy. mica-sdy. AGL with grit greenish whi. mica-DH + s anhyd. lens. bk-dk gm. sdy. AGL.	Anhyd. lens Anhyd. patch
410m	AGL DM	dense arg-DH (bottom) olive gm. dot-AGL with dot-patch, dense gy. whi. arg-DH olive gm. mica-AGL greyish whi. arg-DH		460m	AGL DM	grn-whi. mica-DH parting dk. gm-gy. sdy-AGL. grn-whi. mica-arg. anhyd-DH.	Anhyd. patch Anhyd. lens.
415m	DM AGL DM	whi. bre-mica-DH gy. arg-mica-DH with arg-bies. -10 olive gm AGL. gy-whi. arg-DH sh. mica.	partly Limo. diss.	465m	AGL DM	-5-10 with mica-arg. layers greyish gy. sdy. AGL with grit. pale gm-whi. mica-anhyd-DH.	
420m	AGL DM AGL DM	grn-gy mica-AGL arg-DH. dk. gy-gmish silty AGL. gy. arg-DH with mica-arg. layers grn-gy dot-AGL with dot. -10 gy arg-SS with grit. grn-gy sdy. AGL grn-gy mica-arg-DH.	Anhyd. patches Gyp vlt. Anhyd. large lens	470m	AGL DM AGL DM	cross bedding +10k whi. dot-SS layer anhyd-DH. grn. sdy. AGL +10 with sdy lenses.	Anhyd. patch - lens. Anhyd. large lens rich
425m	DM AGL SS AGL DM	grn-gy arg-SS. mass. grn-gy sdy. AGL grn-gy mica-arg-DH grn-gy sdy. AGL partly arg-SS. -10 gy arg-DH with arg-layers	Anhyd. patch, Gyp vlt.	475m	AGL DM AGL DM	dk. gm mica-AGL AGL-SS. interk +10k greenish whi. anhyd-DH brownish oxidized bottom -10 grn AGL with sdy lens & grit	irreg. Dz vlt.
430m	AGL DM	grn-gy arg-SS. mass. grn-gy sdy. AGL greyish whi. arg-DH whi. mass. DH.	Anhyd. patch rich.	480m	AGL DM AGL DM	grn. sdy. AGL with mica-arg partings -5k greenish whi. arg-DH +5k	
435m	SS AGL DM	grn-gy arg-SS. mass. grn. sdy. AGL greyish whi. arg-DH whi. mass. DH.	Anhyd. spot lens.	485m	AGL DM AGL DM	grn. AGL with SS, irreg lens. -5k dk. gy. AGL with ss-grit. greenish whi. mica-arg-DH with grit	Anhyd. lens rich
440m	AGL DM AGL DM	grn. sdy. AGL greyish whi. arg-DH whi. mass. DH. greenish gy. sdy. AGL with mica-arg partings	Anhyd. patch rich Anhyd. spot lens.	490m	AGL DM AGL DM	grn. AGL with SS, irreg lens. -5k dk. gy. AGL with ss-grit. greenish whi. mica-arg-DH with grit	Anhyd. lens rich
445m	AGL DM	grn. sdy. AGL greyish whi. arg-DH whi. mass. DH.	Anhyd. patch rich Anhyd. spot lens.	495m	AGL DM	grn. AGL with SS, irreg lens. -5k dk. gy. AGL with ss-grit. greenish whi. mica-arg-DH with grit	Anhyd. lens rich
450m	AGL DM	grn. sdy. AGL greyish whi. arg-DH whi. mass. DH.	Anhyd. patch rich Anhyd. spot lens.	500m	DM	dk. gy. sdy. AGL brn. weath. DH.	sh. limonitized

Drill hole No. : WJ2C-12

Direction:

(true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(6)

Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
505m	DM AGL	20 laminated with arg layers fm. mass. AGL with irreg. sdy lens & grit water escape str. (pillar)	Anhyd. large lens rich segr. silica vlt.	555m	BA AGL	with gritty ss. lenses 25 v. dk. gra. sdy. AGL 30 v. conv. la. by water escape	Gyp. Anhyd. vlt. Oz. - Bio. Anhyd. vlt. Anhyd. lens.
510m	AGL	pinkish banded stromatolite fm. sdy. AGL v. sdy. part. 15 s. pinkish @ 27c lens 15 s.	Gyp. vlt. mat. Anhyd. lens	560m	AGL DM AGL	gritty ss. partings (20cm) fm. mass. sdy. AGL. with grit in part. whi. DM 15 with arg. patches fm. gry. v. sdy. AGL	
515m	AGL	dol. ss. parting (30cm)	Anhyd. lens	565m	DM AGL	whi. mass. DM with anhyd. 15 with arg. layer 10 dk. gry. mica-dol. AGL	"Manfan Red"
520m	AGL	dol. ss. 5-10 arg. ss. parting ss. lens	Anhyd. lens	570m	DM	15 with Anhyd. large crystals 15 arg. layer	
525m	AGL	@ 27c ss. parting (20cm) gry. sdy. AGL mass. hd. 15 with irreg. ss. lens & dol. lens.	Anhyd. lens	575m			
530m	AGL	with grit 10 s. partly bedded. 15 s.	Anhyd. patch (poor)	580m			
535m	AGL	5		585m	AGL AGL AGL DM DM AGL	gry. sdy. laminated with conv. la. DM. lens rich. 5 s. with gritty ss. lens whi. @ 27 lens DM fm. arg. ss. whi. anhyd. DM. with stylolite thick interb. ss. - AGL 5-10 whi. DM. with arg. layer arg. ss. with arg. layer AGL dk. gry. sdy. AGL with dol. lens DM. with silica patch 5	
540m	AGL	gritty ss. lens. gritty ss.		590m	AGL AGL AGL	whi. mica - DM dk. gm. sdy. AGL DM. with mica layers	
545m	AGL	gritty ss. lenses		595m			
550m	AGL	pinkish gry @ 27c gritty ss. & dol. silice dk. gm. gry. mass. comp. hd. thinly laminated sdy. AGL 15 with grit & sdy. lens		600m			

Drill hole No. : WJZC-12

Direction: (true north)

Inclination : -

Co-ordinates X:

Y:

Elevation :

(8)

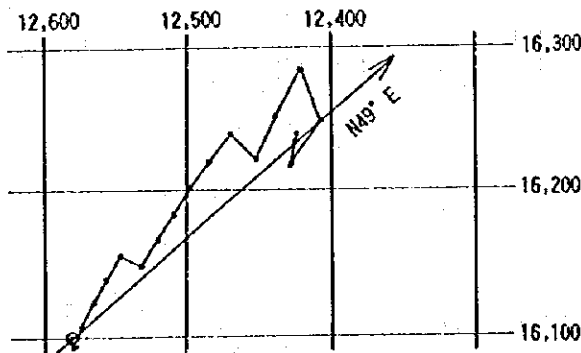
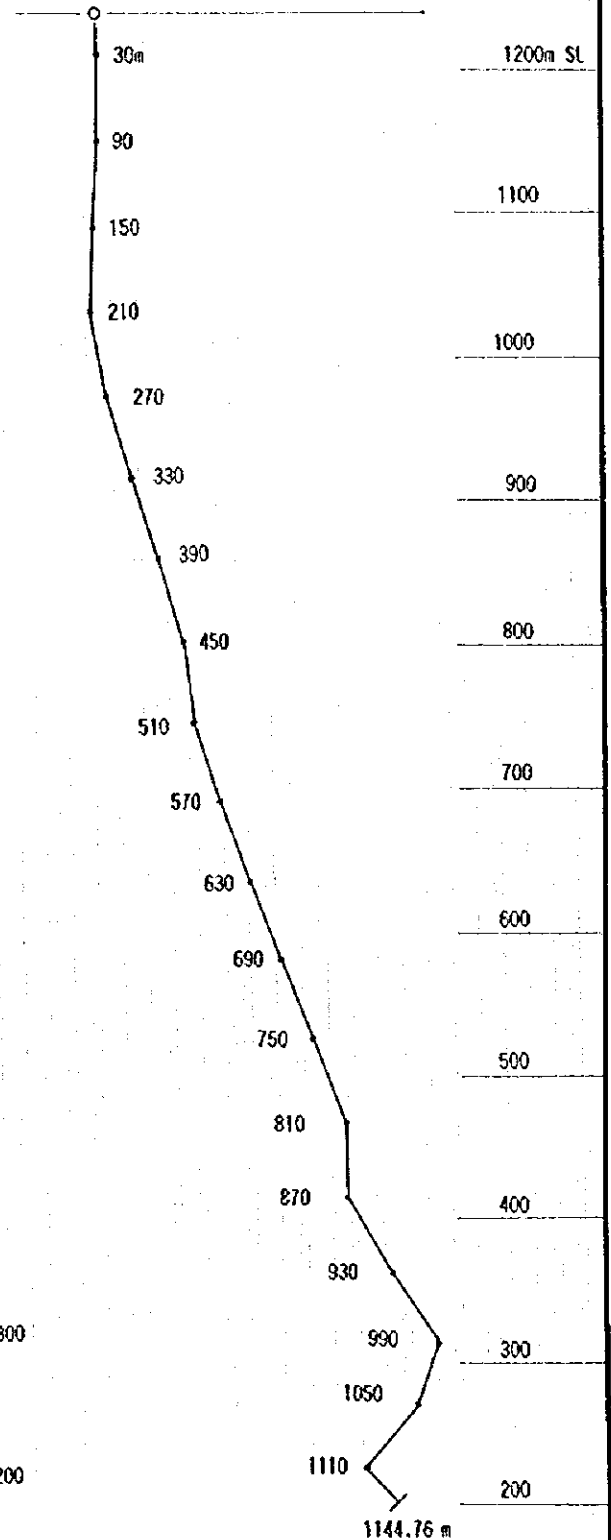
Depth (m)	Core Log.	Lithology	Mineralization / Alteration	Depth (m)	Core Log.	Lithology	Mineralization / Alteration
705m	CGL	pebbles: rounded QZT, irreg. Granite, Schist, pink feldspar. Bio-Asd.		755m	QZT	gry QZT with Bio. v. rd with pinkish irreg. part.	
		done size 2-3cm				20 Bio. layers	
710m	CGL	Granule CGL pink feld. rich.		760m		Bio. spotted partly	
		pebb. 1-2cm; QZT, schist, pink feld. Bio. rich.				30 Bio. layers	
715m						25	
				765m		gry. clean QZT. Bio, brown oxide minerals dis.	
720m		pink QZT. pebb. rich.				20 mica layers with brown ox. m.	
		40 indistinct b.p. sil. matrix. QZT, ss, Agl. chert.				pinkish gry QZT.	
		55 subangular pebb. arg. layers				with alt. (clay-sil) gneiss or granite pebbles	
		pink QZT small pebb. rounded ss pebb.				30 mica layers	
		hh Bio. rich matrix				Bio. diss. (spot)	
725m		hh Bio. schist tabular pink feld. pebb. rich	pebb. rich str. Bio.-matrix. Anhyd. spot.	770m		QZT pinkish pure QZT pink feld. fragment rich. granite boulders	Gyp. vlt. with Bio. aggregate (str. dis.)
		QZT parting				sh. sil. alt. granite pink feld (1-2cm) rich	QZT vlt. with Bio.
		CGL				50 v. sil-mica altered fragmental facies sheared? alt. granite	Gyp-Bio. vlt. silicified & micaceous
		40 arg. layers pebbly QZT. partly				largely crystalline (1cm) pink feldspar replaced to QZ.	Anhyd. vlt. ~ diss.
730m		CGL				60 v.	
		65 h. greenish grey clayey altered subangular pebb. rich	spotted schist			20 bk. fine mafic rock	Bio-Cal. alt. phenocryst feldspar carbonatized
735m						20	
		2-3cm pebbles	Anhyd. irreg. patch ~ vlt.			25 mafic v. (2cm)	
		45 sh. fr.				60 v.	Gyp. vlt.
740m							
		2-5cm pebbles					
		pale gm alt. sch. path & Bio matrix					
745m	CGL	QZT					
		pinkish gry. Bio-QZT. partly pebbly					
		Bio spotted whi. clean QZT. co. crystalline					
750m		45 arg. layers					

2. Borehole Deviations (1)

MJZC-9
 Locality: Chambishi Southeast
 Direction of Cross Section: N49° E

Scale 1/5,000

Survey Data				Hole depth for calc	Elevation (m)	Coordinates		Geologic boundary
Hole depth (m)	Dip angle (°)	Bng (mag)	Bng (grid)			Northing	Easting	
0.00	-90.00	8.50	0.00		1240.60	16100.60	-12580.30	
				30.00	1210.60	16100.60	-12580.30	
60.00	-84.67	182.00	173.50					
				90.00	1150.86	16095.06	-12579.87	
120.00	-86.33	0.00	351.50					
				150.00	1090.98	16098.85	-12580.24	
180.00	-84.33	200.00	191.50					
				210.00	1031.28	16093.05	-12581.42	
240.00	-77.00	30.00	21.50					
				270.00	972.81	16105.61	-12576.47	
300.00	-71.50	38.00	27.50					
				283.30	950.20	16109.35	-12574.52	U1U
				330.00	915.91	16122.49	-12567.68	
360.00	-71.00	38.00	27.50					
				390.00	859.18	16139.82	-12558.66	
420.00	-70.67	37.00	28.50					
				450.00	802.57	16157.28	-12543.19	
480.00	-70.50	127.00	118.60					
				510.00	745.01	16147.72	-12531.58	
540.00	-70.00	38.00	28.50					
				520.70	735.95	16150.91	-12529.78	U1U/U1L
				570.00	689.63	16165.58	-12521.47	
600.00	-69.50	41.00	32.50					
				630.00	633.43	16183.30	-12510.18	
660.00	-68.50	42.00	33.50					
				690.00	577.60	16201.64	-12498.05	
720.00	-67.00	42.00	33.50					
				750.00	522.37	16221.19	-12485.11	
780.00	-66.00	41.00	32.50					
				810.00	467.56	16241.77	-12472.00	
840.00	-63.50	145.00	138.50					
				870.00	413.86	16222.35	-12453.57	
900.00	-57.50	35.00	28.50					
				930.00	363.26	16251.20	-12439.18	
960.00	-51.50	33.00	24.50					
				969.20	332.58	16273.41	-12429.06	U1L/U0D
				989.20	316.93	16294.74	-12423.90	U0D/U1B
				990.00	316.30	16285.19	-12423.69	
1020.00	-50.67	168.00	159.50					
				1028.00	286.91	16262.63	-12415.26	U1B/U0Q
				1038.80	278.56	16256.22	-12412.86	U0Q/U1H
				1050.00	289.89	16249.57	-12410.38	
1080.00	-47.50	221.00	212.50					
				1069.60	255.44	16238.40	-12417.49	LH1/LH3
				1079.50	248.14	16232.76	-12421.06	LH0/L0S
				1085.68	243.59	16229.24	-12423.33	
				1088.26	241.69	16227.77	-12424.26	
				1108.36	226.87	16216.32	-12431.56	
				1110.00	225.66	16215.38	-12432.16	
1140.00	-43.00	28.00	19.50					
				1112.20	224.16	16216.90	-12431.62	LOS/LFQ
				1114.26	222.75	16218.32	-12431.12	
				1144.76	201.95	16239.35	-12423.67	



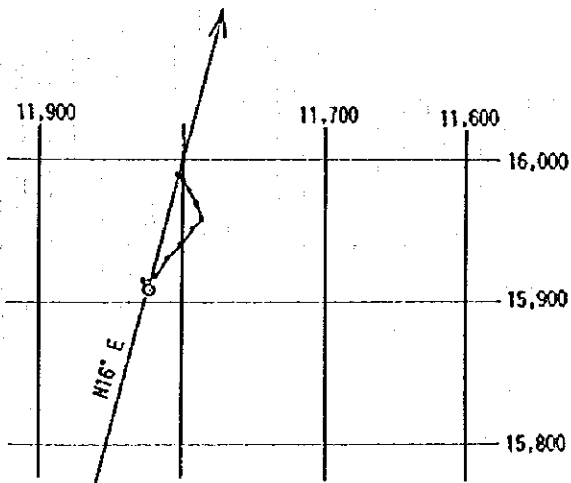
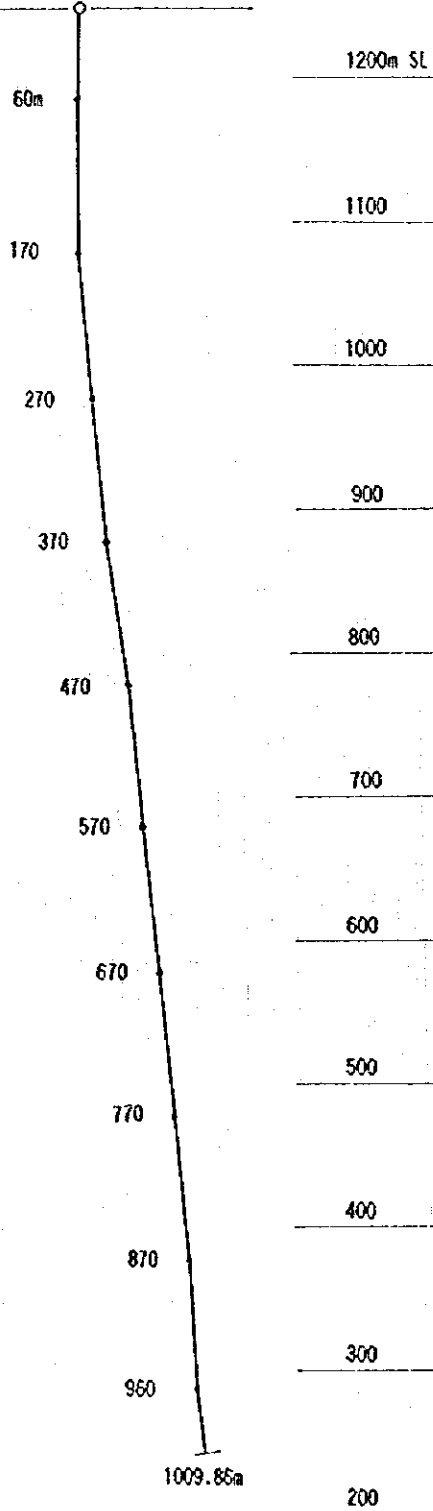
2. Borehole Deviations (2)

MJZC--10

Locality: Chambishi Southeast
 Direction of Cross Section: N16° E

Survey Data						Coordinates		Geologic boundary
Hole depth (m)	Dip angle (°)	Bng (mag)	Bng (grid)	Hole depth for calc	Eleva-tion (m)	Northing	Easting	
0.00	-90.00	8.50	0.00		1248.58	15906.91	-11824.75	
				60.00	1188.58	15906.91	-11824.75	
120.00	-86.43	345.00	336.50					
				115.00	1133.69	15910.08	-11826.13	UIU/91U
				170.00	1078.80	15913.25	-11827.50	
220.00	-84.60	65.00	56.50					
				270.00	979.24	15918.44	-11819.66	
320.00	-82.60	50.00	41.50					
				316.50	933.13	15922.93	-11815.69	UIU/881
				361.90	888.11	15927.31	-11811.81	881/UIU
				364.80	885.29	15927.59	-11811.57	UIU/882
				368.00	882.06	15927.90	-11811.29	882/UIU
				370.00	880.07	15928.09	-11811.12	
420.00	-82.00	48.00	39.50					
				460.20	790.75	15937.78	-11803.14	UIU/81L
				470.00	781.05	15938.83	-11802.27	
520.00	-82.20	37.00	28.50					
				570.00	681.97	15950.75	-11795.79	
620.00	-83.00	80.00	51.50					
				670.00	582.72	15968.34	-11786.26	
720.00	-83.80	-12.00	338.50					
				770.00	483.30	15968.46	-11790.04	
820.00	-83.70	-15.00	336.50					
				854.55	399.26	15974.97	-11793.74	UIU/80D
				870.00	383.91	15978.52	-11794.41	
920.00	-83.70	-15.00	336.50					
				879.00	374.96	15979.43	-11794.81	80D/UIB
				916.00	338.18	15983.15	-11796.43	UIB/LUQ
				927.70	326.55	15984.33	-11796.84	LUQ/LHI
				957.90	296.54	15987.37	-11798.26	LHI/LH2
				960.00	294.45	15987.58	-11798.35	
1000.00	-83.80	-12.00	339.50					
				961.30	293.16	15987.71	-11798.40	LH2/L0S
				965.20	269.40	15990.13	-11799.30	
				987.40	267.21	15990.35	-11799.39	L0S/LFC
				988.40	266.22	15990.45	-11799.43	LFC/LF9
				995.20	259.46	15991.14	-11799.68	
				1007.80	246.93	15992.41	-11800.16	LF9/BSS
				1009.86	244.88	15992.52	-11800.24	

Scale 1/5,000



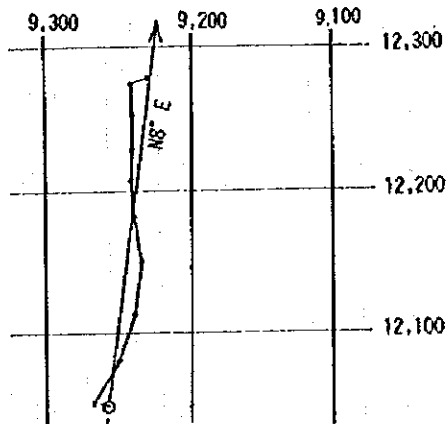
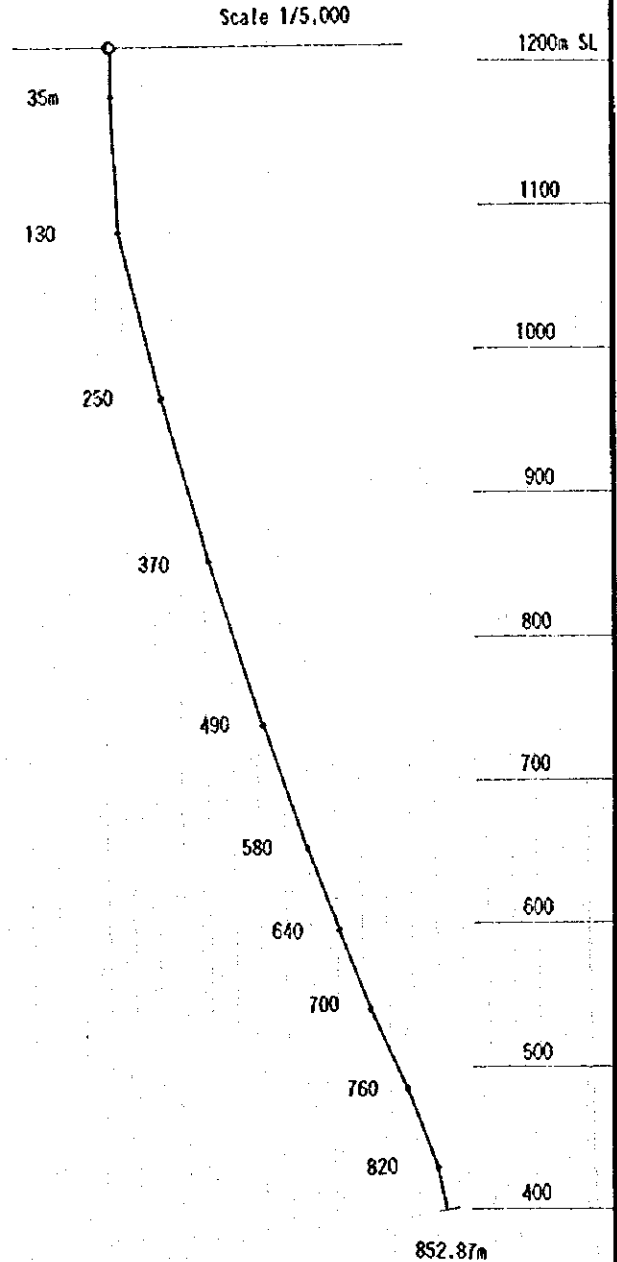
2. Borehole Deviations (3)

MJZC-11

Locality: Chambishi Southeast

Direction of Cross Section: N8° E

Survey Data				Hole depth for sale	Elevation (m)	Coordinates		Geologic boundary
Hole depth (m)	Dip angle (°)	Dirg (mag)	Dirg (grid)			Northing	Easting	
0.00	-90.00	8.50	0.00	35.00	1210.47	12048.98	-9259.66	
70.00	-85.00	-50.00	291.50	96.00	1114.62	12060.54	-9263.62	UIU/GB-1
				126.00	1084.70	12051.31	-9265.58	GB-1/UIU
				130.00	1080.71	12051.41	-9265.82	
190.00	-73.67	35.00	26.50	222.70	991.75	12074.74	-9254.19	UIU/GB-2
				224.50	990.02	12075.19	-9253.97	GB-2/UIU
				247.60	987.85	12081.01	-9251.07	UIU/GB-3
				250.00	985.55	12081.61	-9250.77	
310.00	-73.33	30.00	21.60	254.30	961.43	12082.76	-9250.31	GB-3/UIU
				306.70	911.23	12096.74	-9244.81	UIU/UIL
				370.00	850.69	12113.63	-9238.15	
430.00	-72.00	15.00	6.50	490.00	736.46	12150.47	-9233.65	
550.00	-69.33	4.00	355.50	545.30	694.72	12169.93	-9235.49	UIL/UCD
				568.70	664.70	12177.46	-9236.06	UCD/UIB
				580.00	652.25	12182.14	-9236.45	
610.00	-68.33	4.00	355.50	594.20	639.06	12187.37	-9236.66	UIB/LUD
				606.80	627.35	12192.00	-9237.22	LUD/LMI
				636.80	599.47	12203.05	-9238.09	LMI/LMO
				637.20	599.10	12203.19	-9238.10	LMO/LOS
				640.00	596.49	12204.22	-9238.18	
670.00	-68.00	5.00	356.50	654.35	583.19	12209.59	-9238.51	
				655.30	582.31	12209.95	-9238.53	
				656.60	581.10	12210.43	-9238.56	LOS/LFC
				658.70	579.16	12211.22	-9238.61	LFC/LFQ
				672.70	564.17	12216.45	-9238.93	LFQ/LIC
				697.00	543.64	12225.54	-9239.49	LIC/LOG
				700.00	540.86	12226.66	-9239.56	
730.00	-67.00	8.00	359.50	760.00	485.63	12250.10	-9239.76	
790.00	-68.17	8.00	359.50	771.60	475.02	12254.79	-9239.80	LOG/GB-4
				792.10	465.42	12259.03	-9239.84	GB-4/LQG
				785.70	462.12	12260.49	-9239.85	LQG/BSG
				805.10	444.38	12268.32	-9239.92	BSG/GB-5
				806.80	443.74	12268.61	-9239.92	GB-5/BSG
				820.00	430.75	12274.35	-9239.97	
850.00	-68.67	79.00	70.50	820.10	430.66	12274.36	-9239.94	BSG/GB-6
				823.20	427.61	12274.77	-9238.78	GB-6/BSG
				842.40	410.19	12277.31	-9231.61	BSG/GB-7
				848.00	405.04	12278.06	-9229.52	GB-7/BSG
				852.87	400.57	12278.63	-9227.70	



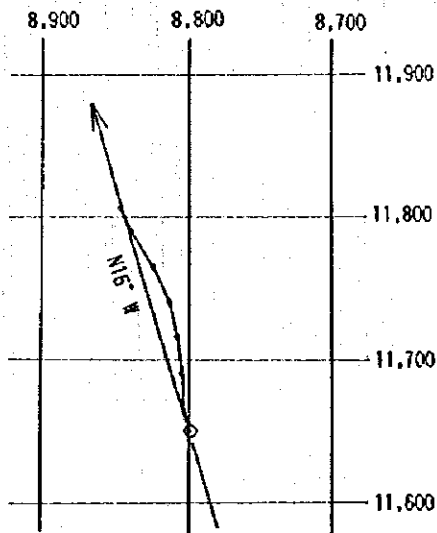
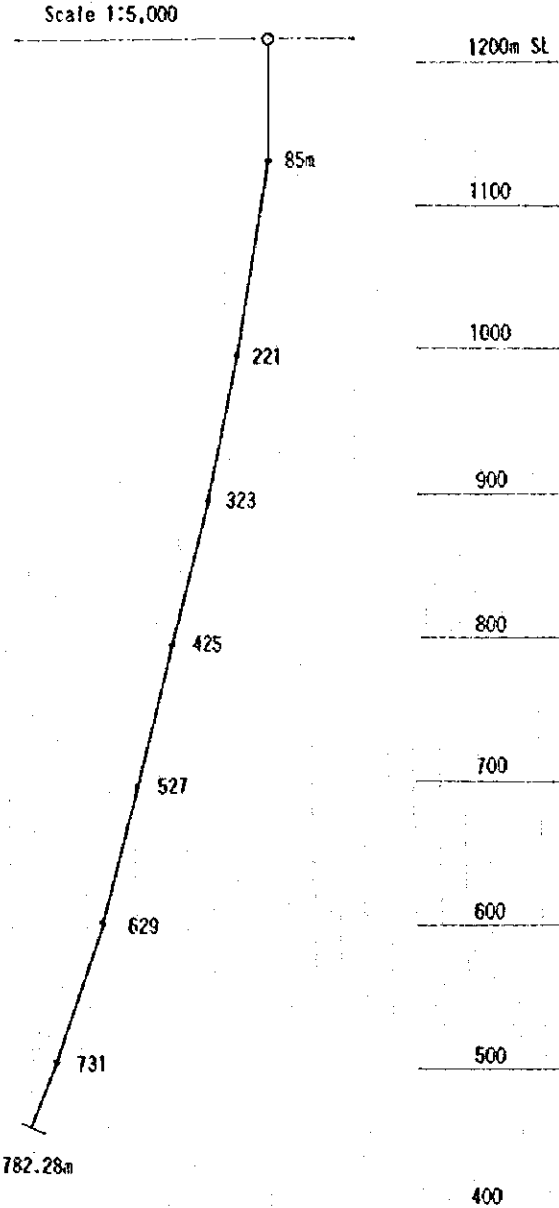
2. Borehole Deviations (4)

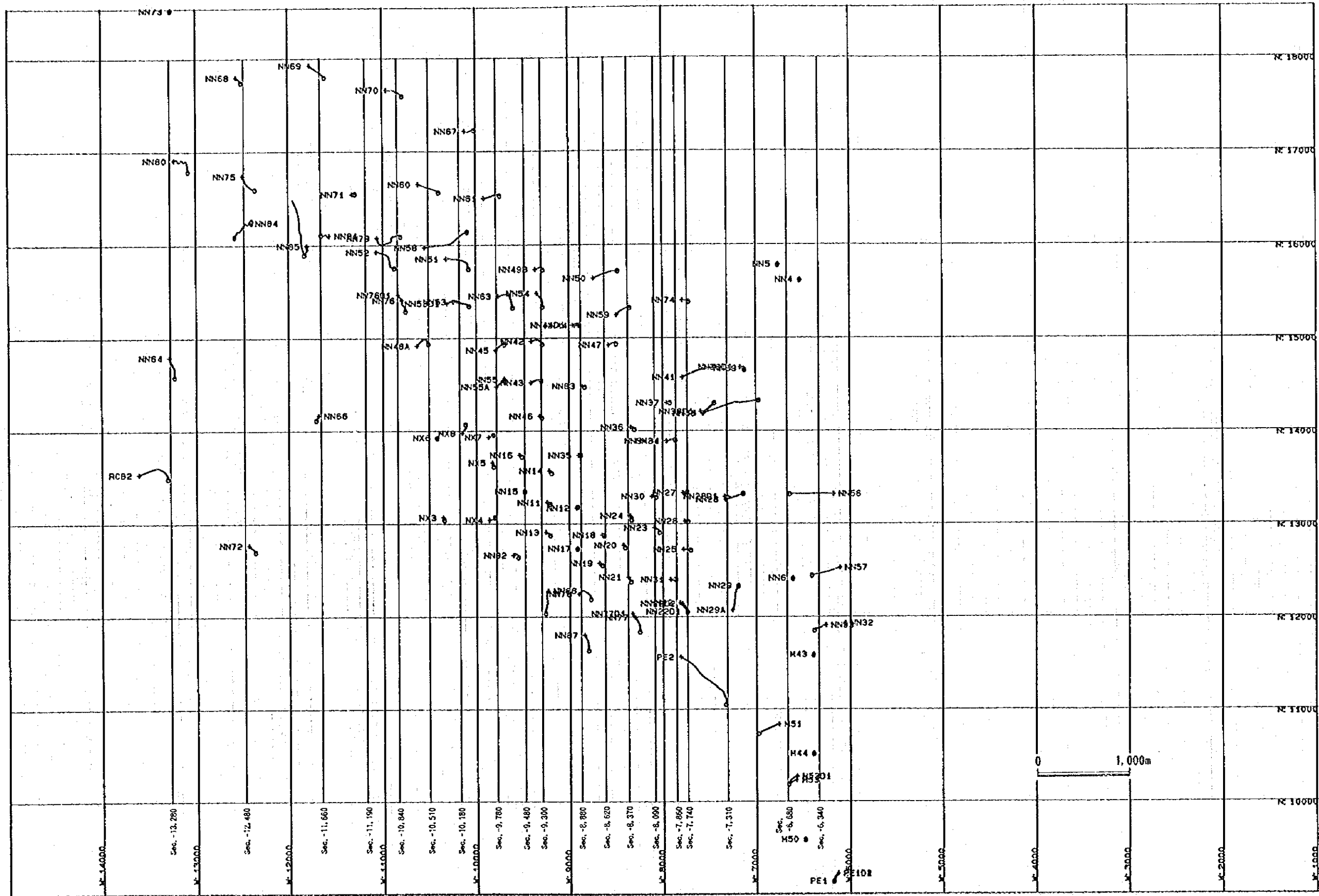
MJZC-12

Locality: Chambishi Southeast

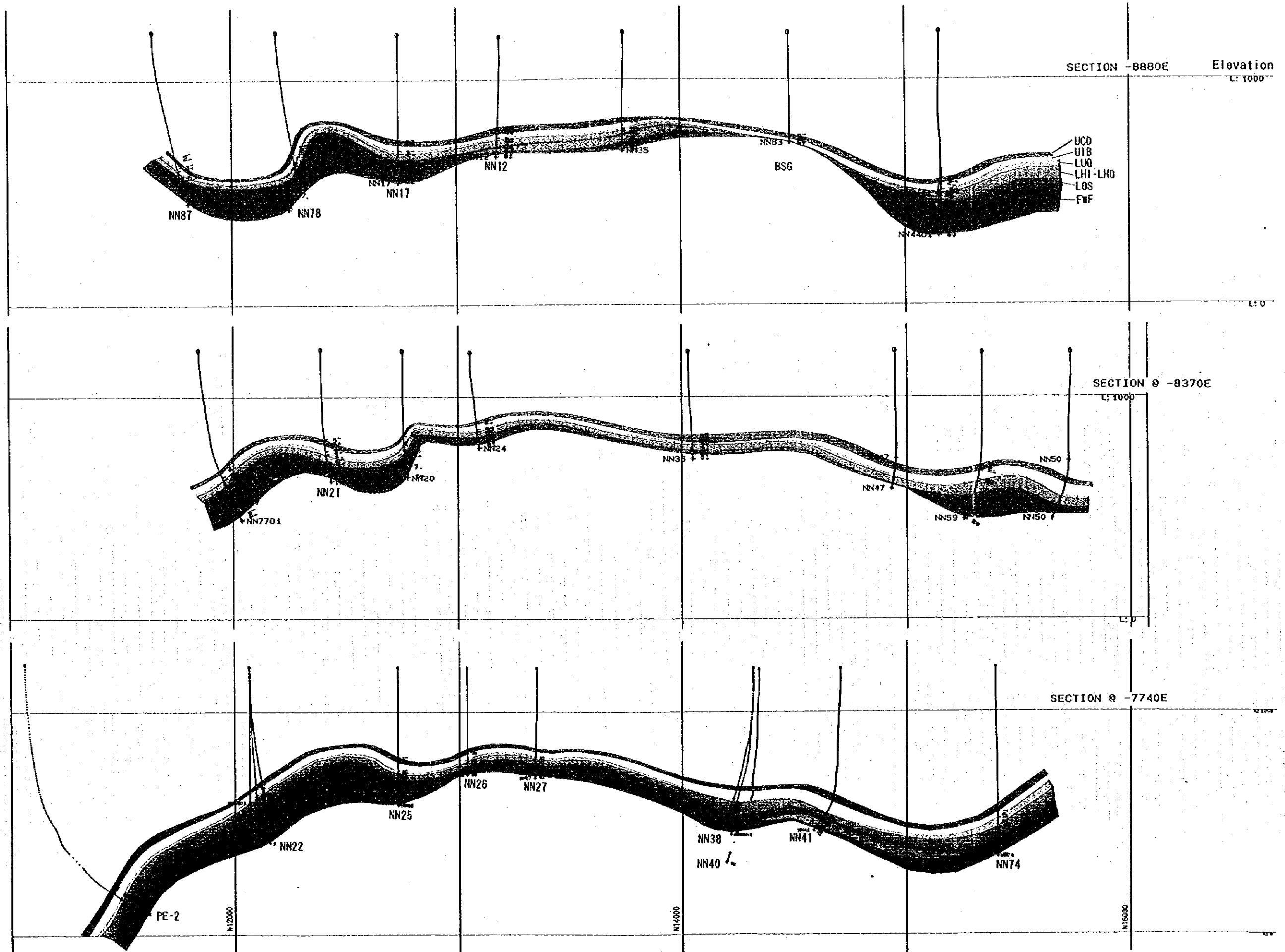
Direction of Cross Section: N16° W

Survey Data				Mole depth for calc	Elevation (m)	Coordinates		Geologic Boundary
Mole Depth (m)	Dip angle (°)	Bng (deg)	Bng (grid)			Northing	Easting	
0.00	-90.00	8.50	0.00		1216.20	11649.60	-8900.80	
				85.00	1131.20	11649.60	-8900.80	
170.00	-81.00	-2.00	343.50					
				157.00	1060.09	11660.67	-8902.85	UIU
				164.50	1062.68	11661.83	-8903.07	UIU/GB-1
				220.50	997.37	11670.44	-8904.66	GB-1/UIU
				221.00	996.87	11670.52	-8904.68	
272.00	-77.00	8.00	359.50					
				247.60	970.96	11676.50	-8904.73	UIU/GB-2
				300.20	919.70	11688.33	-8904.83	GB-2/UIU
				323.00	897.49	11693.45	-8904.88	
374.00	-76.50	3.00	354.50					
				339.00	881.93	11697.18	-8906.24	UIU/VIL
				425.00	799.31	11717.16	-8907.16	
476.00	-77.00	-3.00	348.50					
				527.00	698.92	11739.65	-8911.73	
578.00	-74.87	-15.00	336.50					
				567.70	664.49	11748.31	-8915.50	UIL/UCD
				584.70	643.28	11753.64	-8917.82	UCD/VIB
				612.20	616.75	11760.31	-8920.72	VIB/LUO
				624.00	606.37	11763.17	-8921.96	LUO/LRI
				629.00	600.55	11764.38	-8922.43	
680.00	-72.00	-21.00	330.50					
				654.00	576.78	11771.11	-8926.29	LRI/LHO
				655.40	575.44	11771.49	-8926.51	LHO/LOS
				663.14	562.38	11775.18	-8928.60	
				672.24	559.43	11776.01	-8929.07	
				673.74	558.00	11776.42	-8929.30	
				674.10	557.66	11776.51	-8929.35	LOS/LFC
				675.50	556.33	11776.89	-8929.56	LFC/LFQ
				692.00	540.64	11781.33	-8932.08	LFQ/LIC
				731.00	503.54	11791.82	-8938.01	
782.00	-68.00	-16.00	345.50					
				743.70	491.77	11796.15	-8939.98	LIC/LOG
				768.70	459.59	11804.67	-8943.87	LOG/LBC
				769.60	467.25	11804.99	-8944.01	LBC/BSS
				777.60	450.34	11807.70	-8945.25	BSS/GB
				782.28	456.00	11809.30	-8945.96	

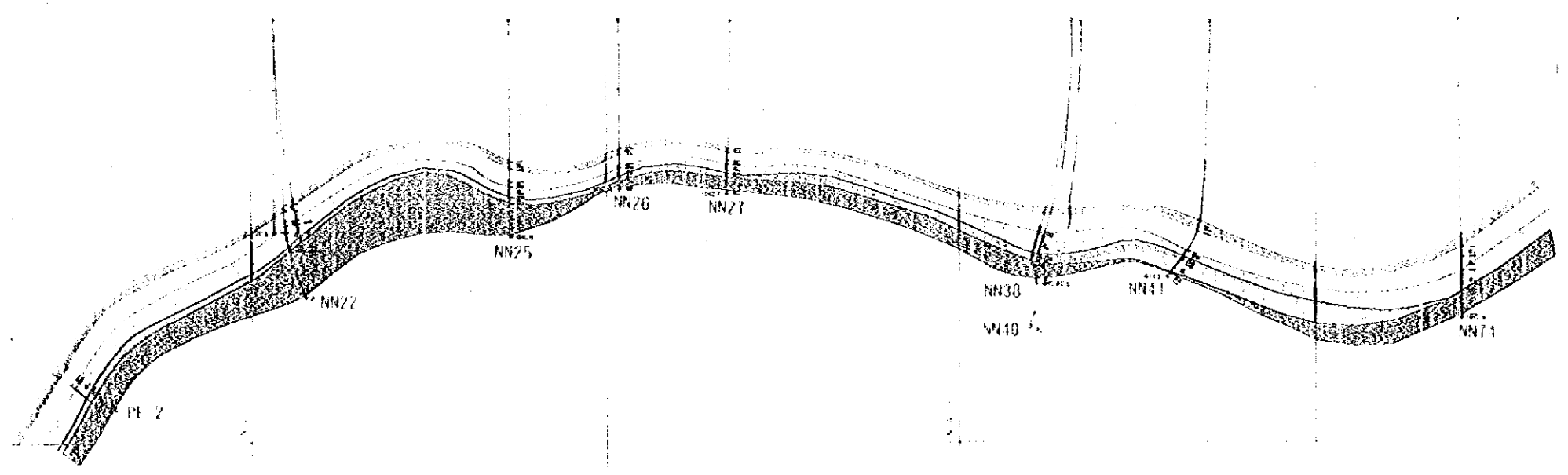
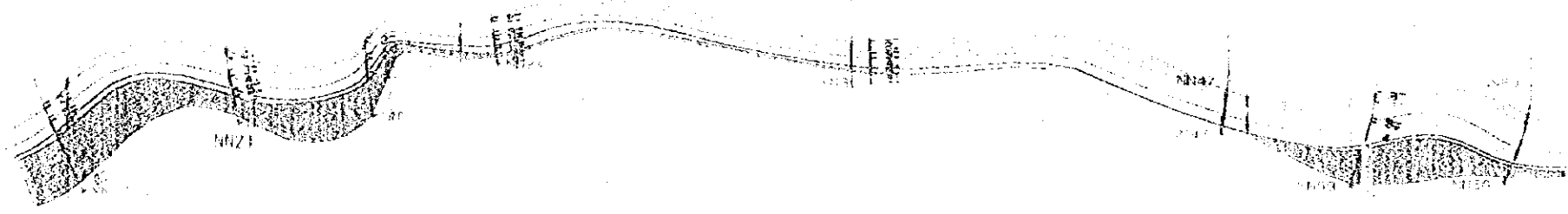
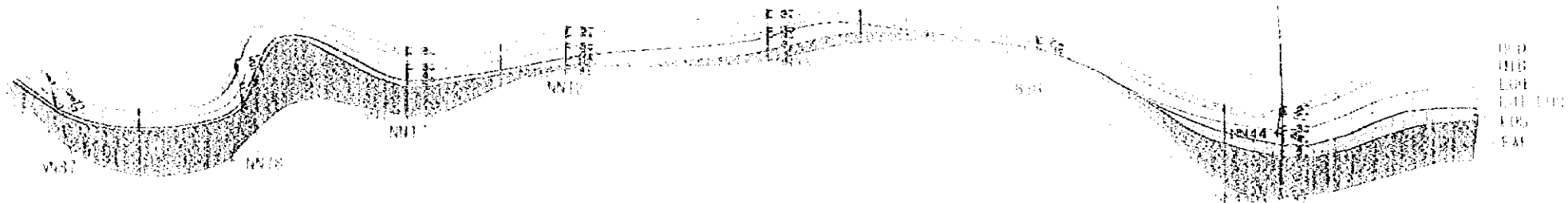




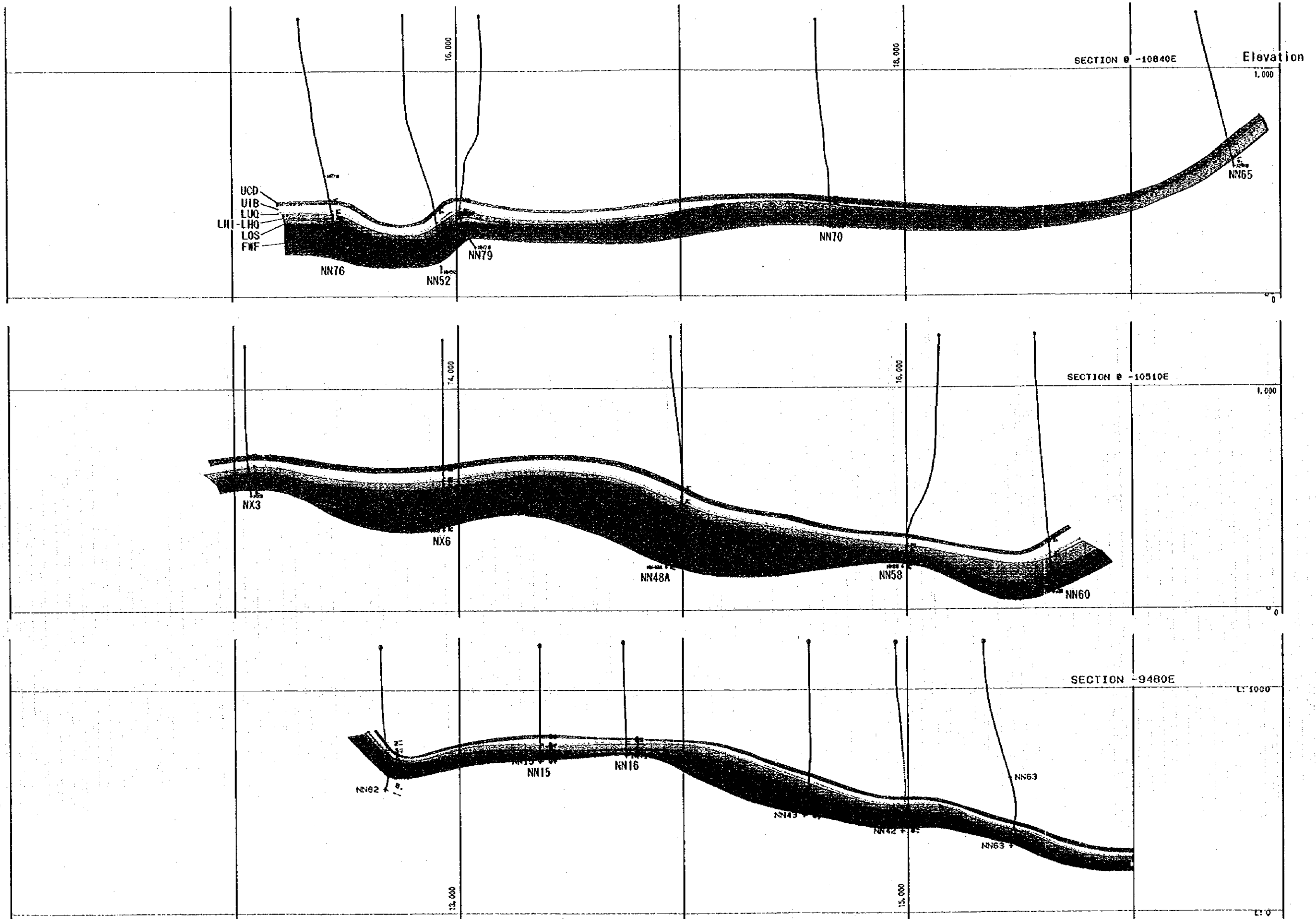
3. Plan of Borehole Collar and Trace with Section Lines



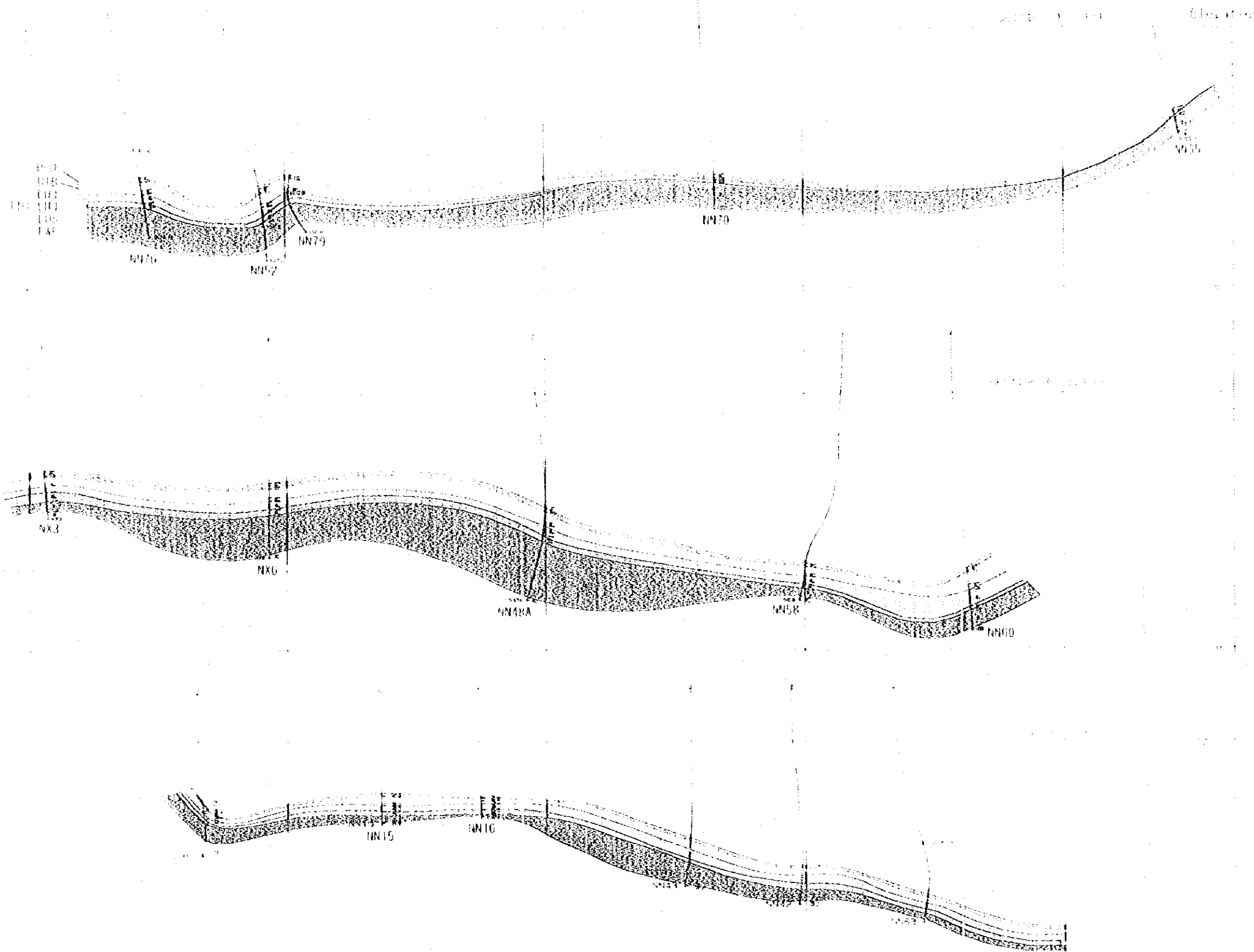
4. Geological Sections by LYNX (1)

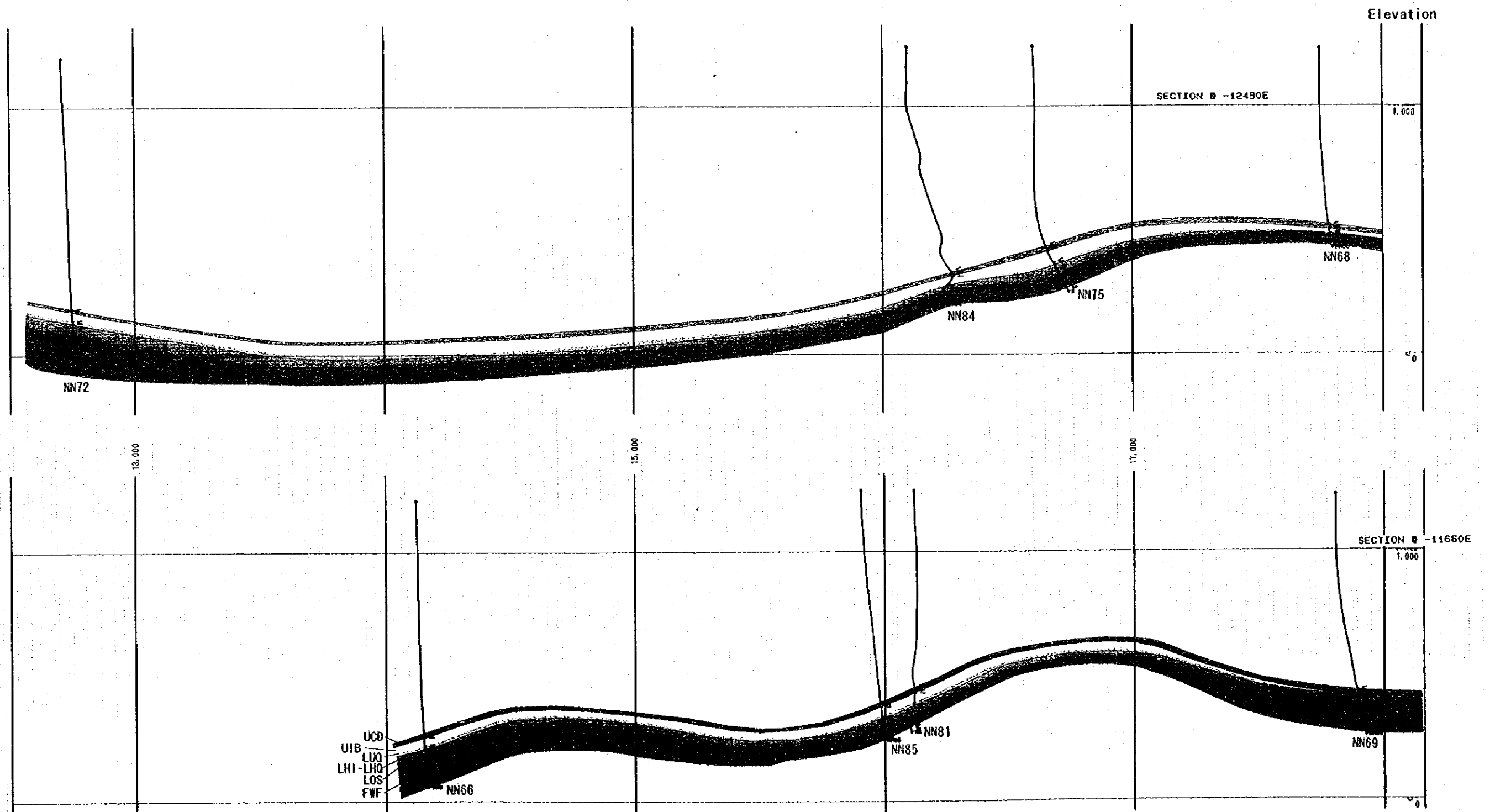


4 Geological Sections by LYNX (1)

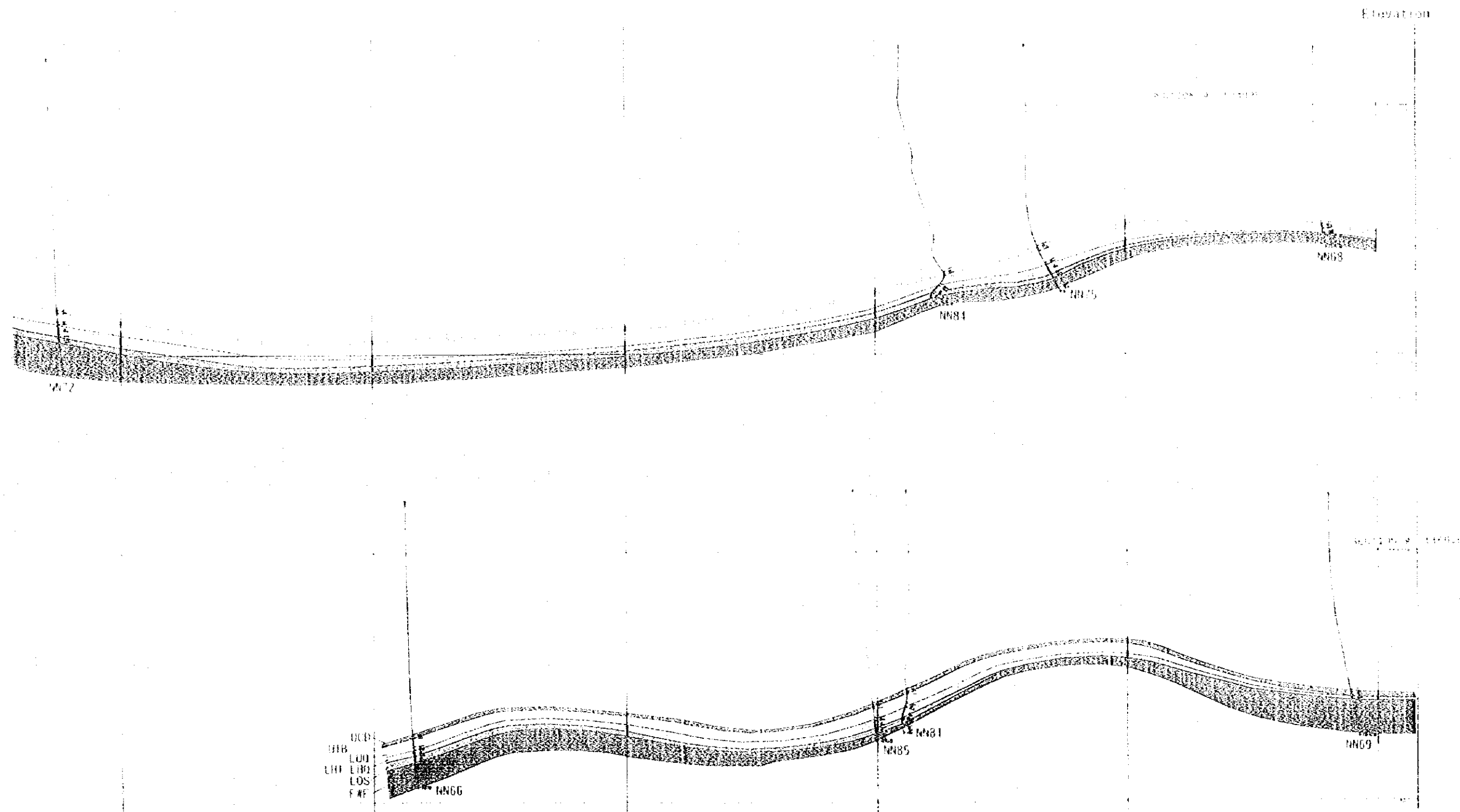


4. Geological Sections by LYNX (2)

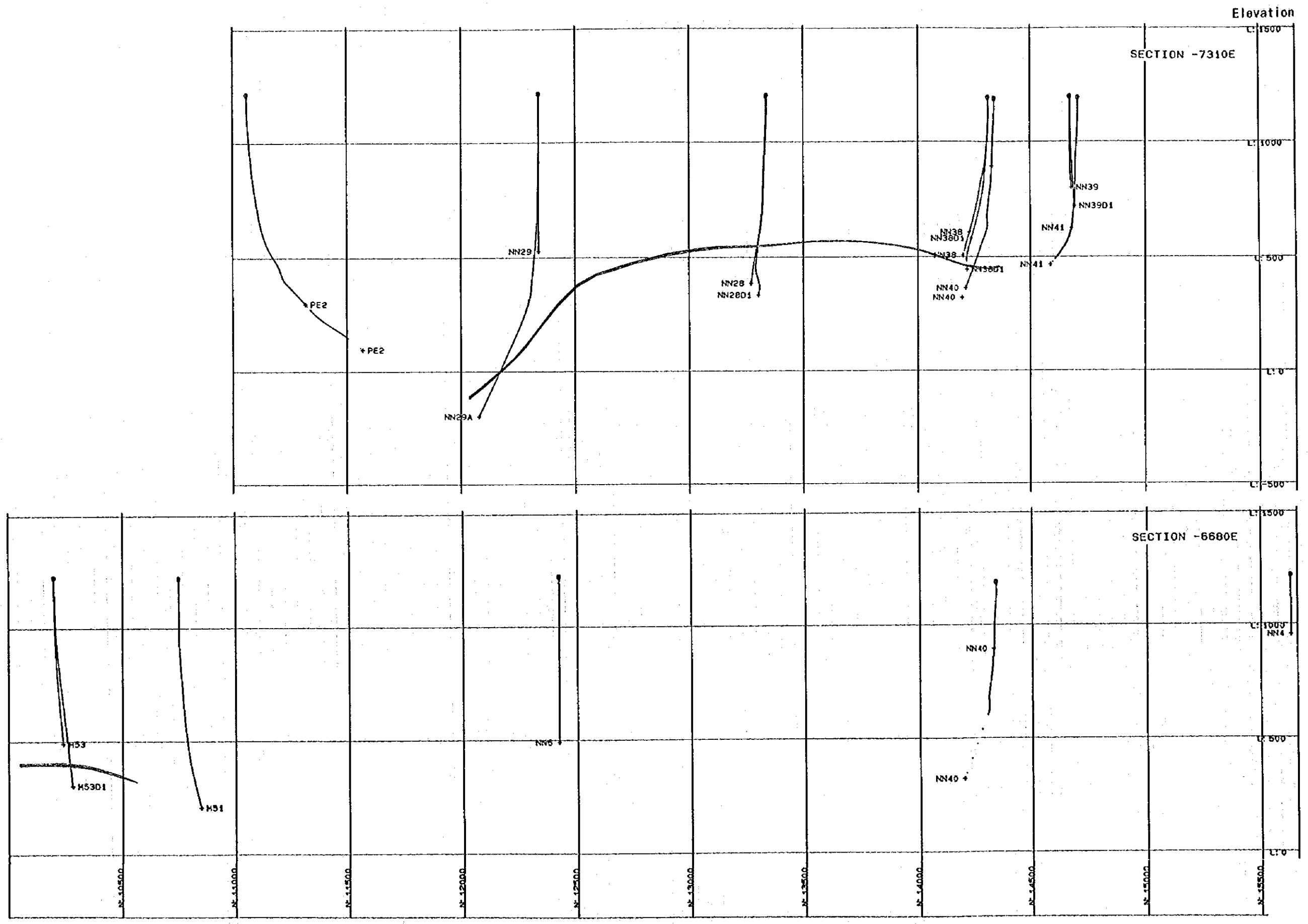




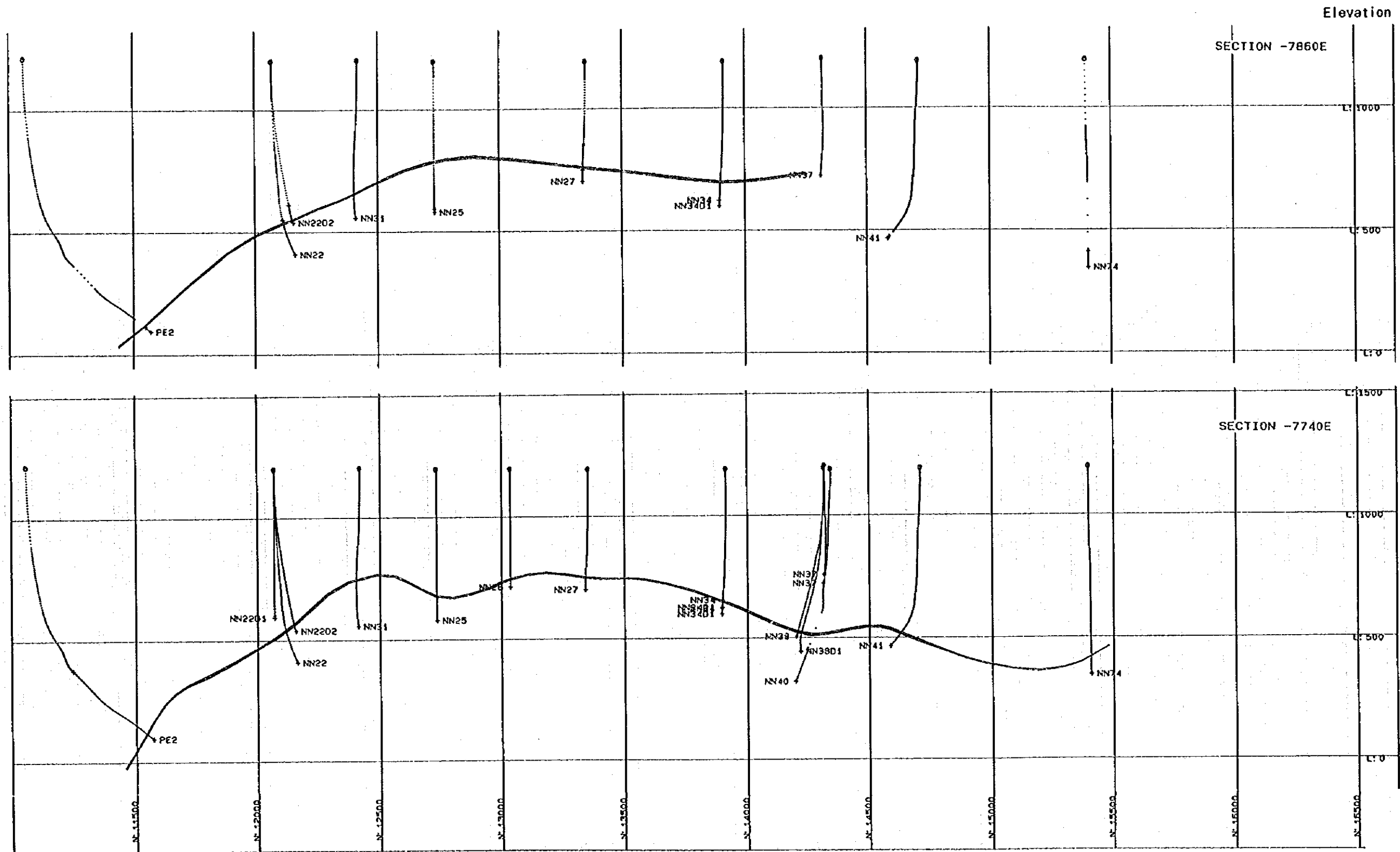
4. Geological Sections by LYNX (3)



4 Geological Sections by LYNX (3)



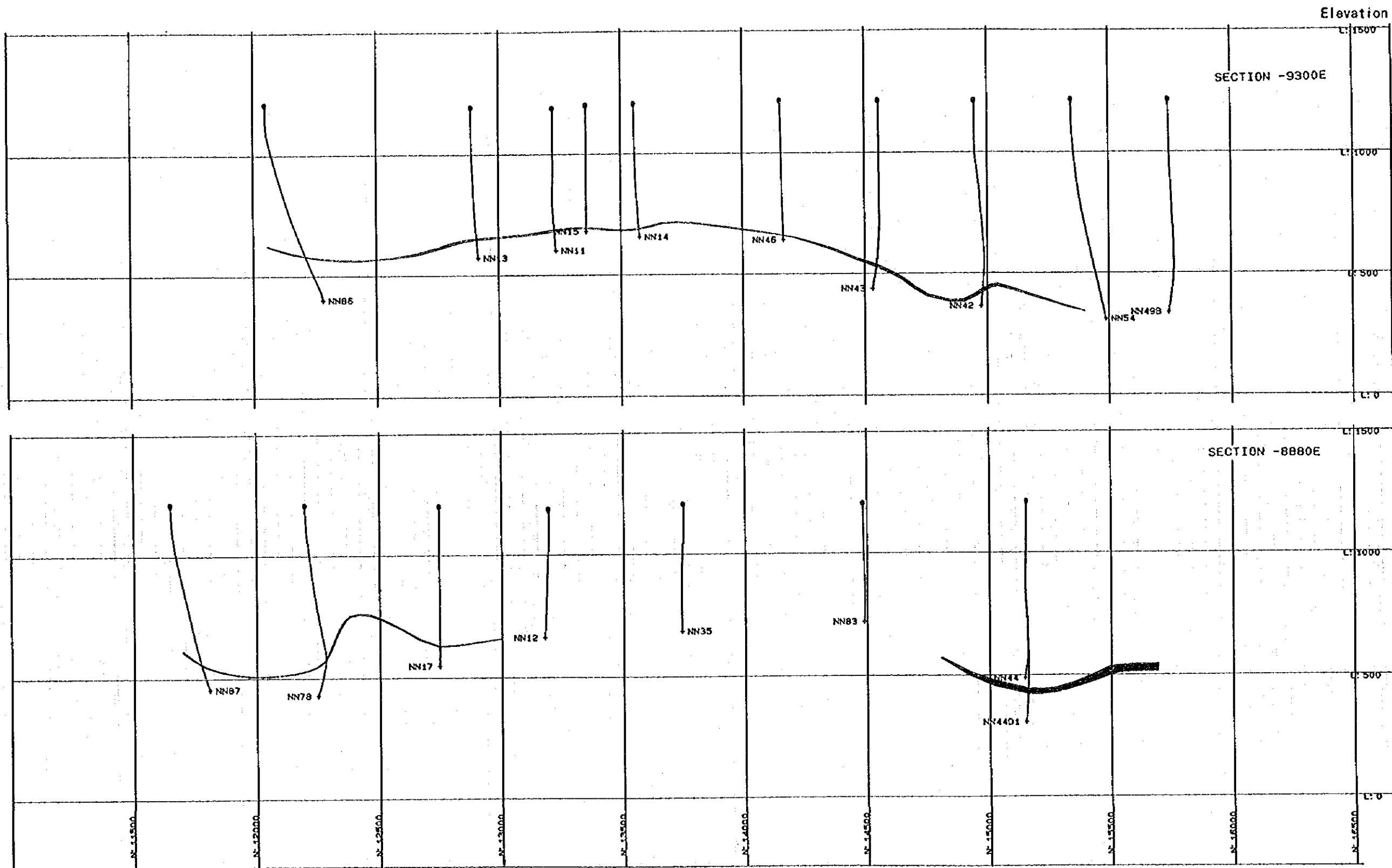
5. Orebody Sections by LYNX (1)



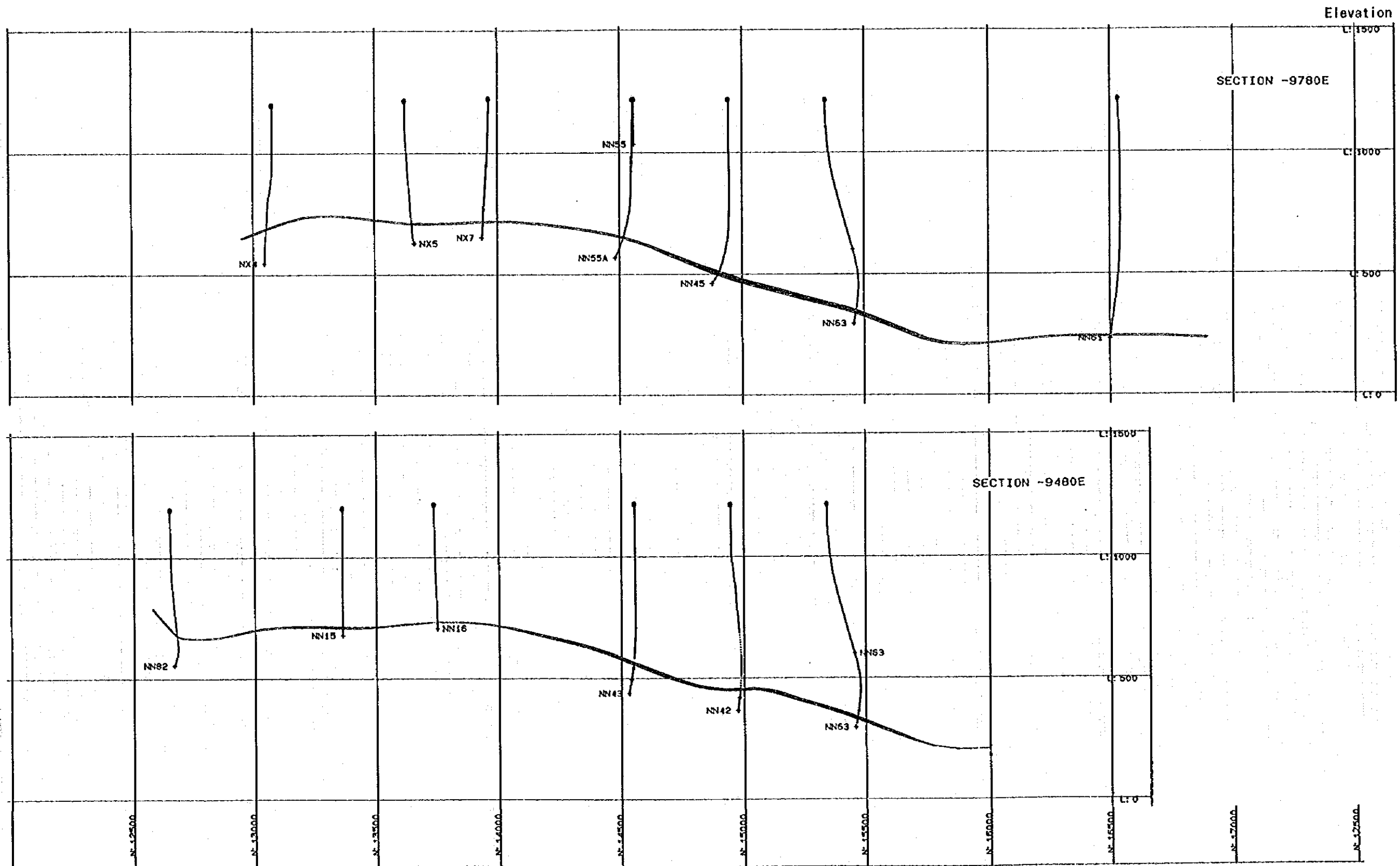
5. Orebody Sections by LYNX (2)



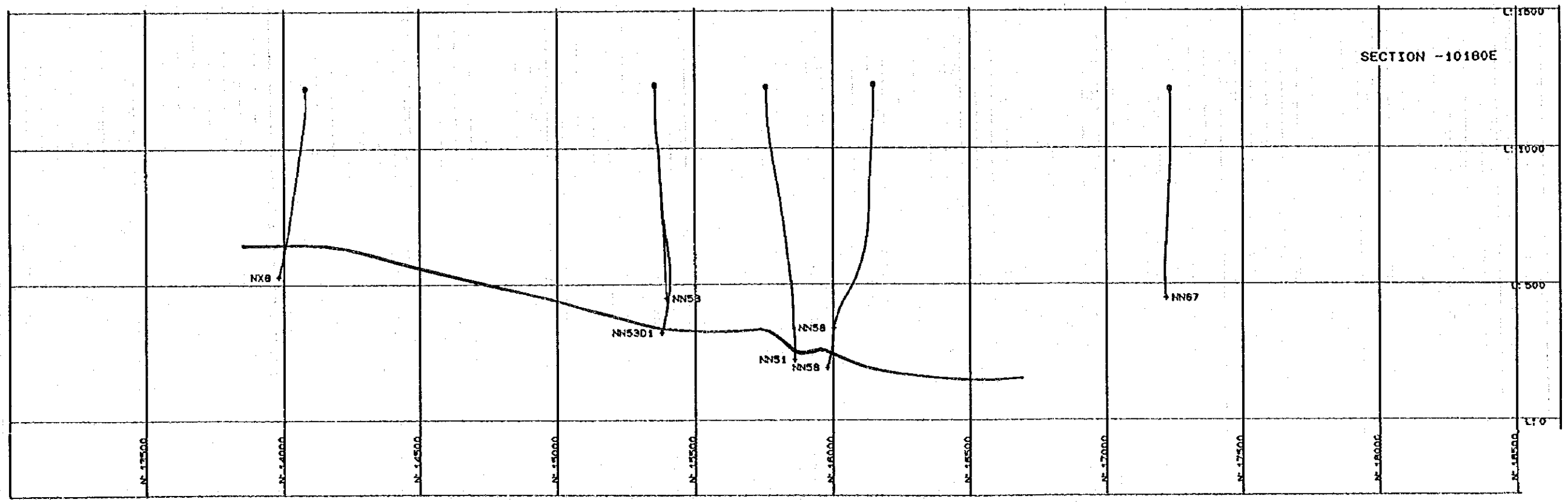
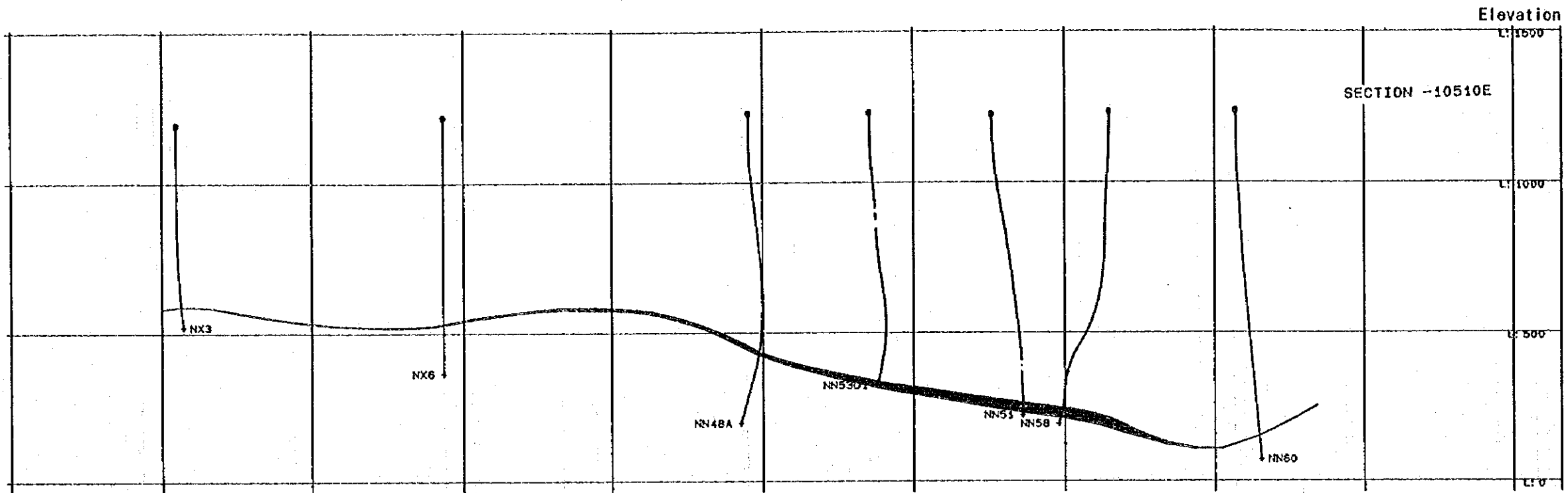
5. Orebody Sections by LYNX (3)



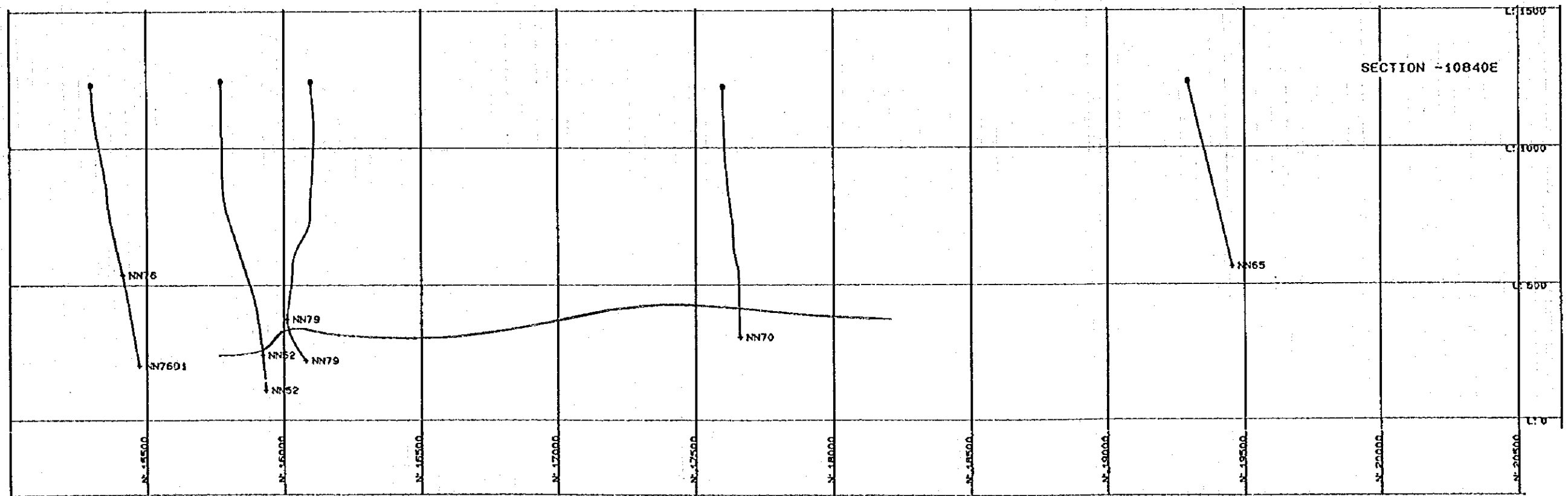
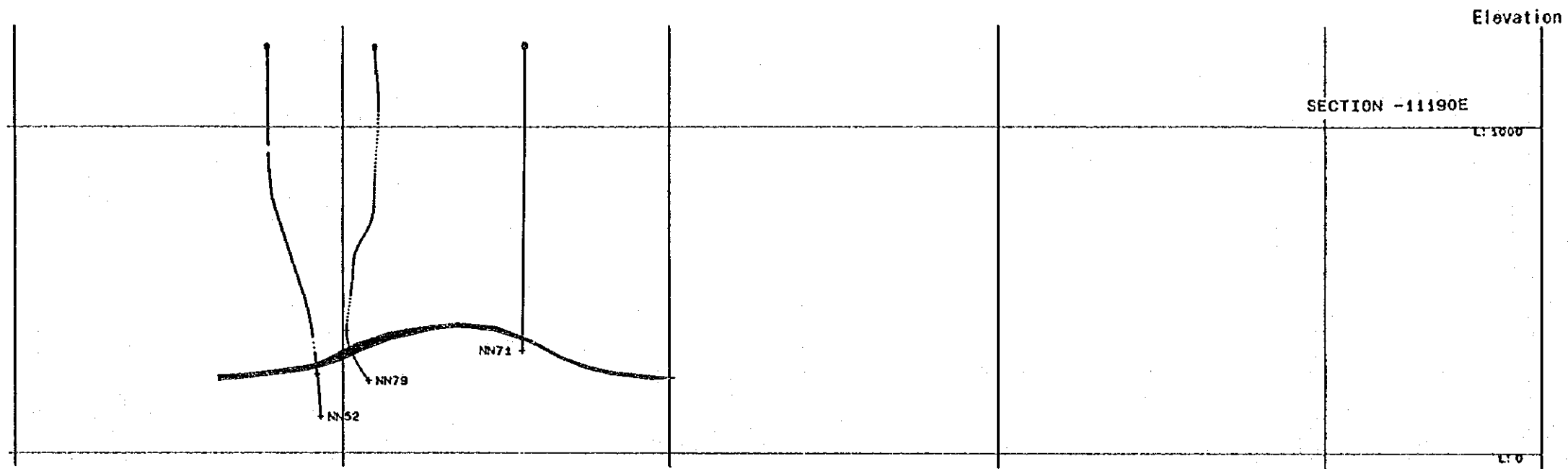
5. Orebody Sections by LYNX (4)



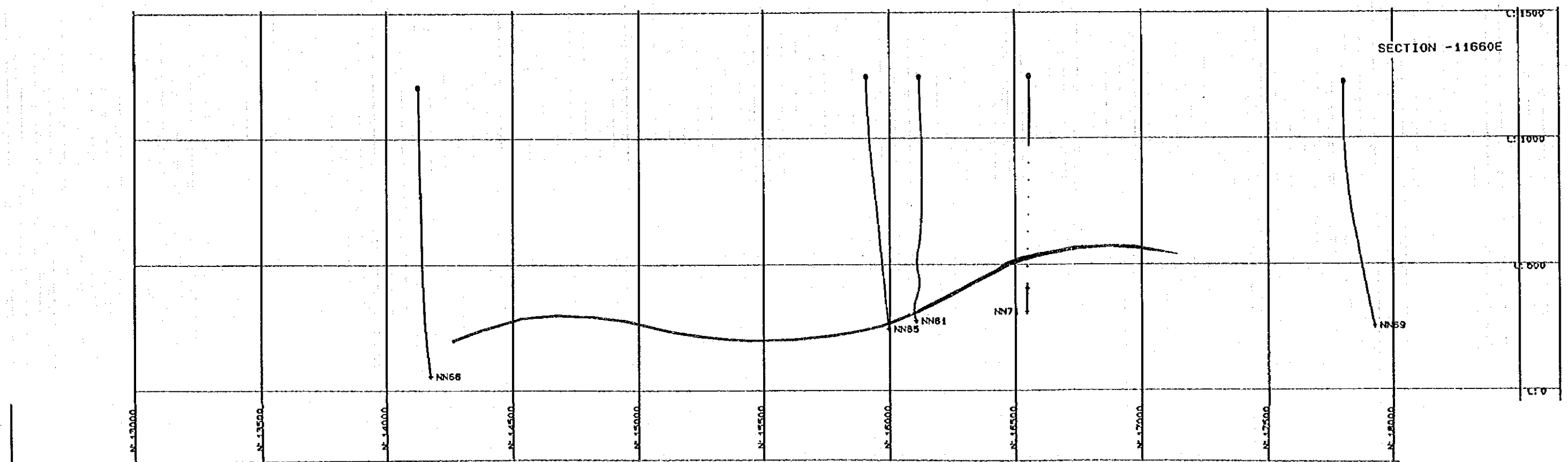
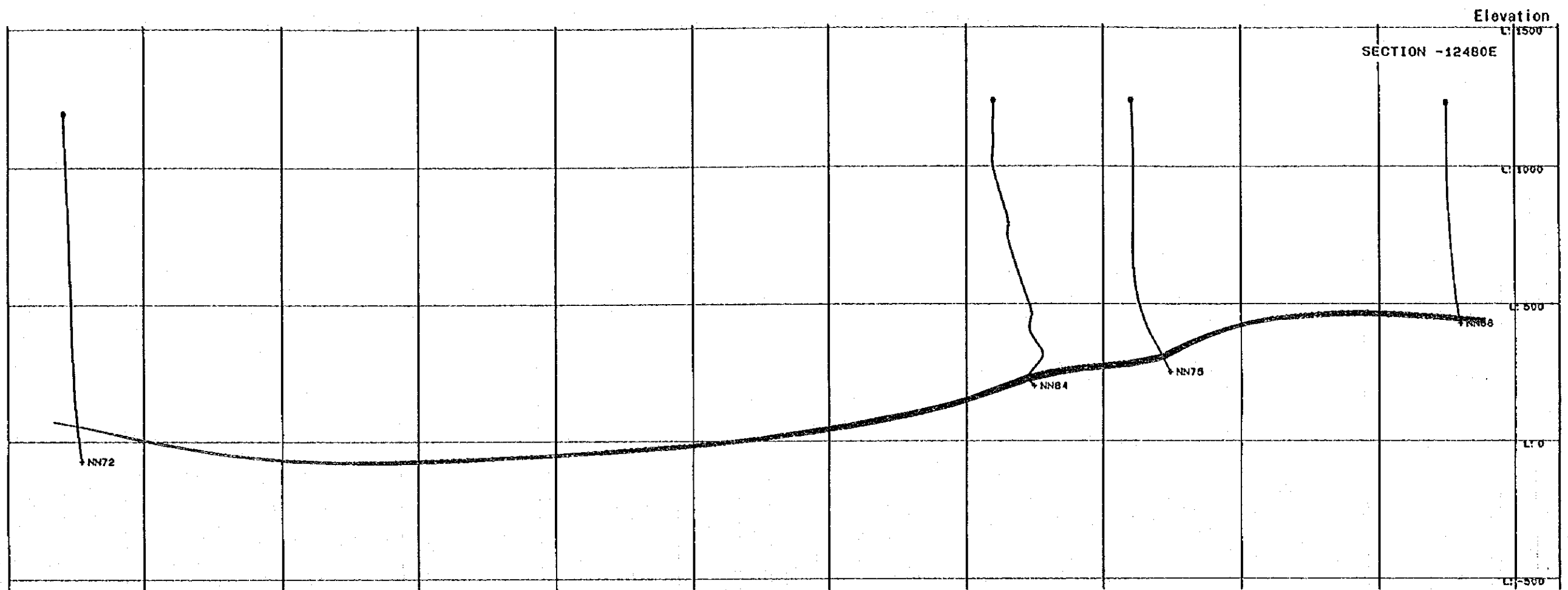
5. Orebody Sections by LYNX (5)



5. Orebody Sections by LYNX (6)



5. Orebody Sections by LYNX (7)

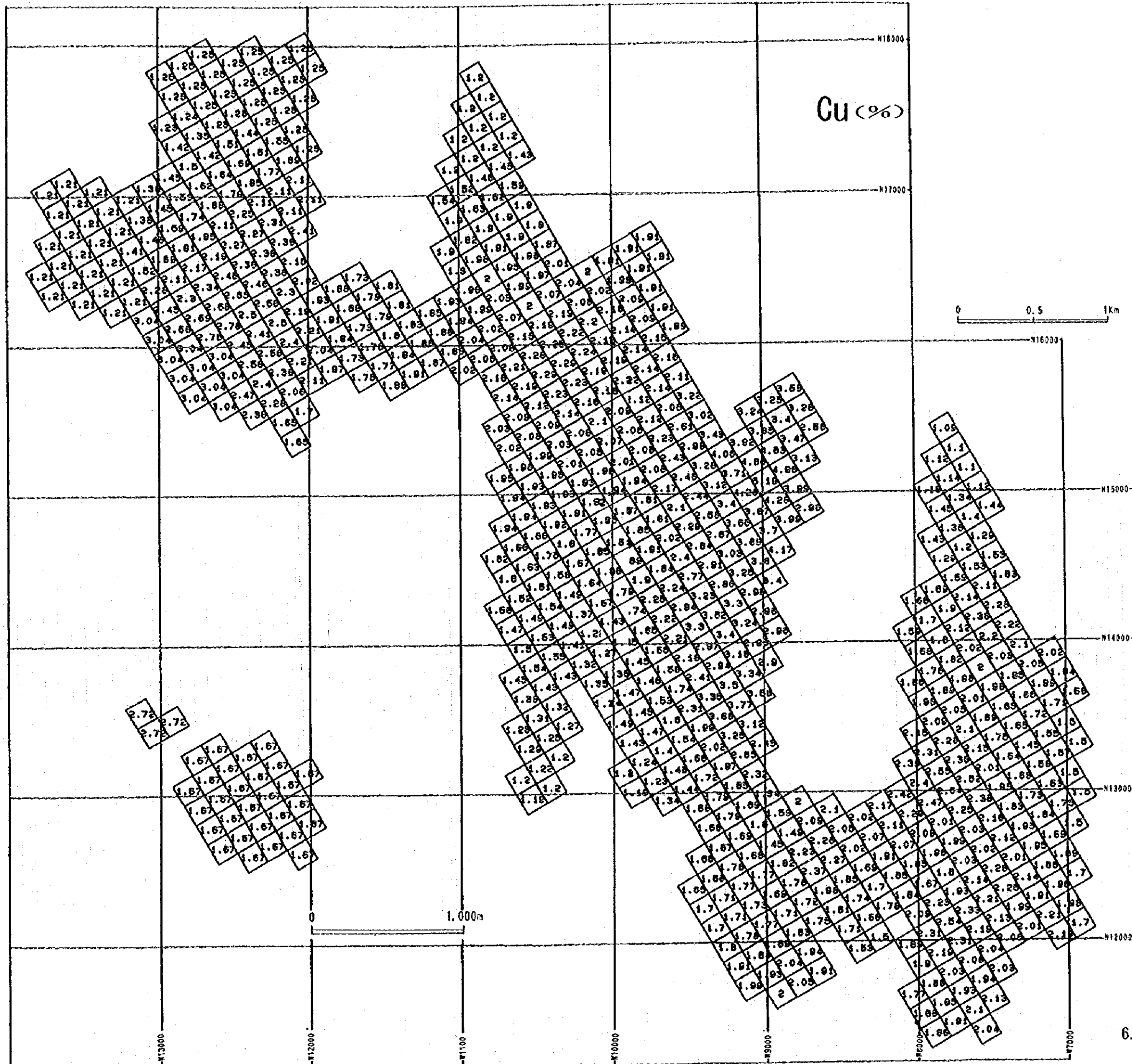


5. Orebody Sections by LYNX (8)

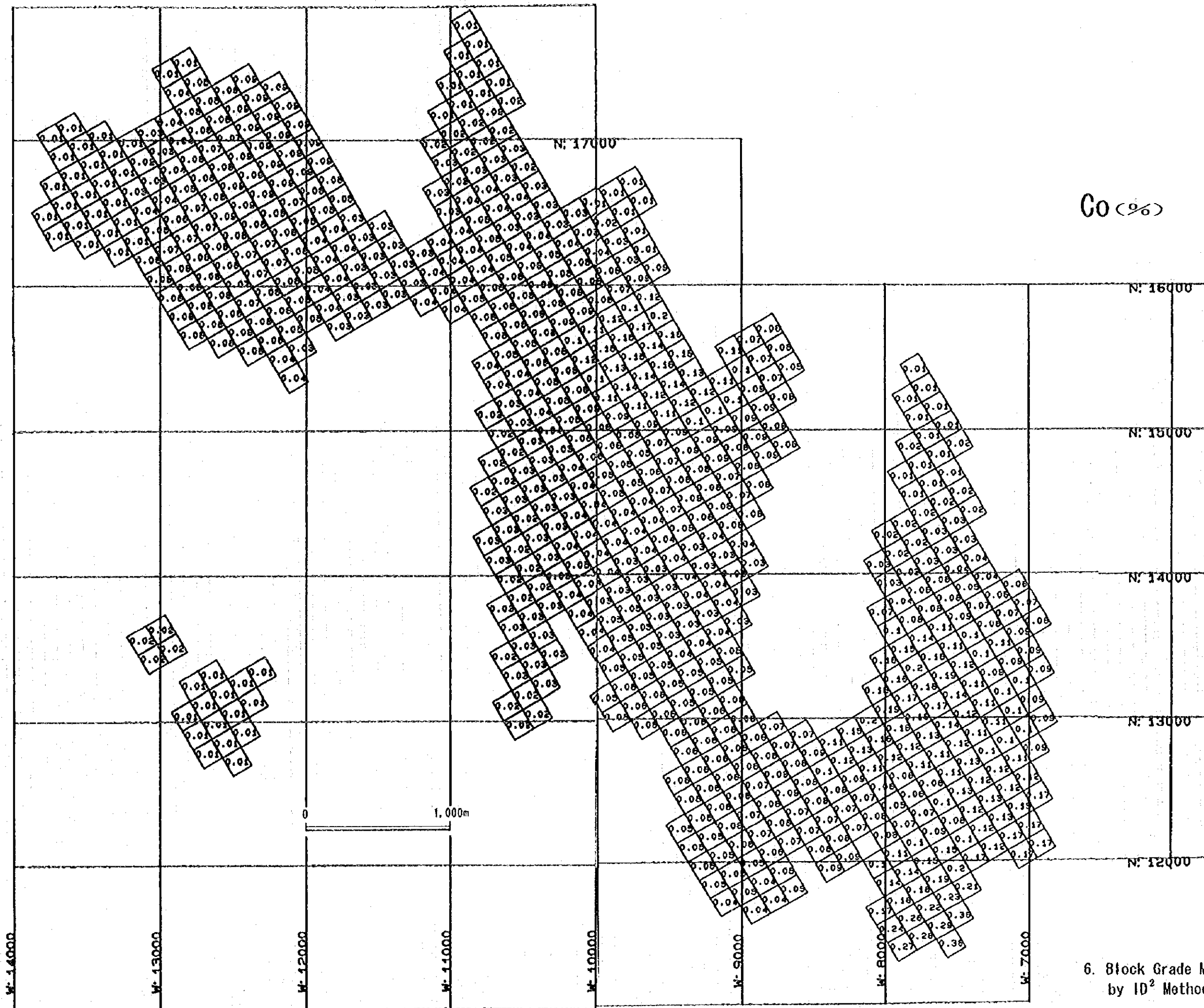
Elevation



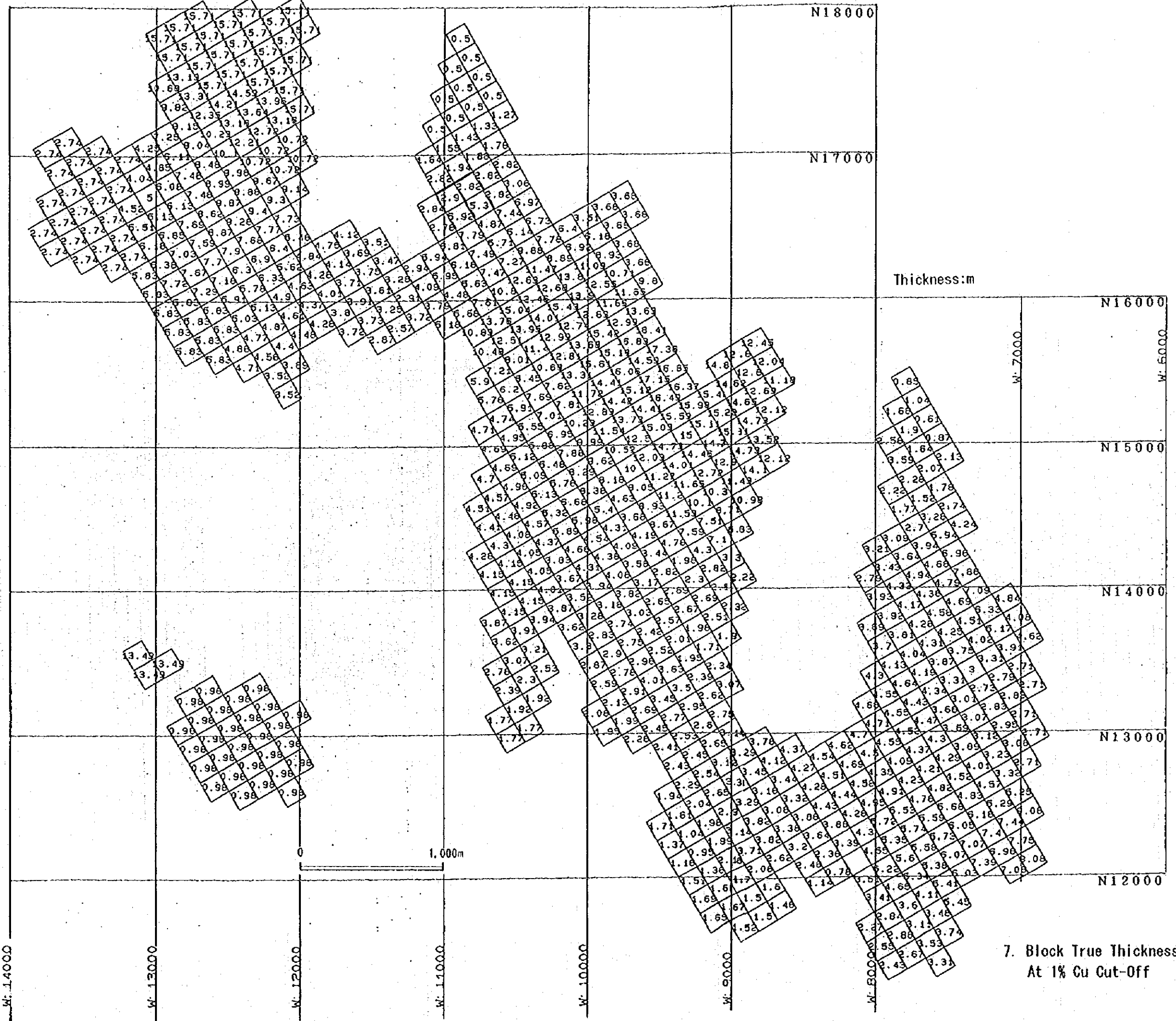
5. Orebody Sections by LYNX (9)



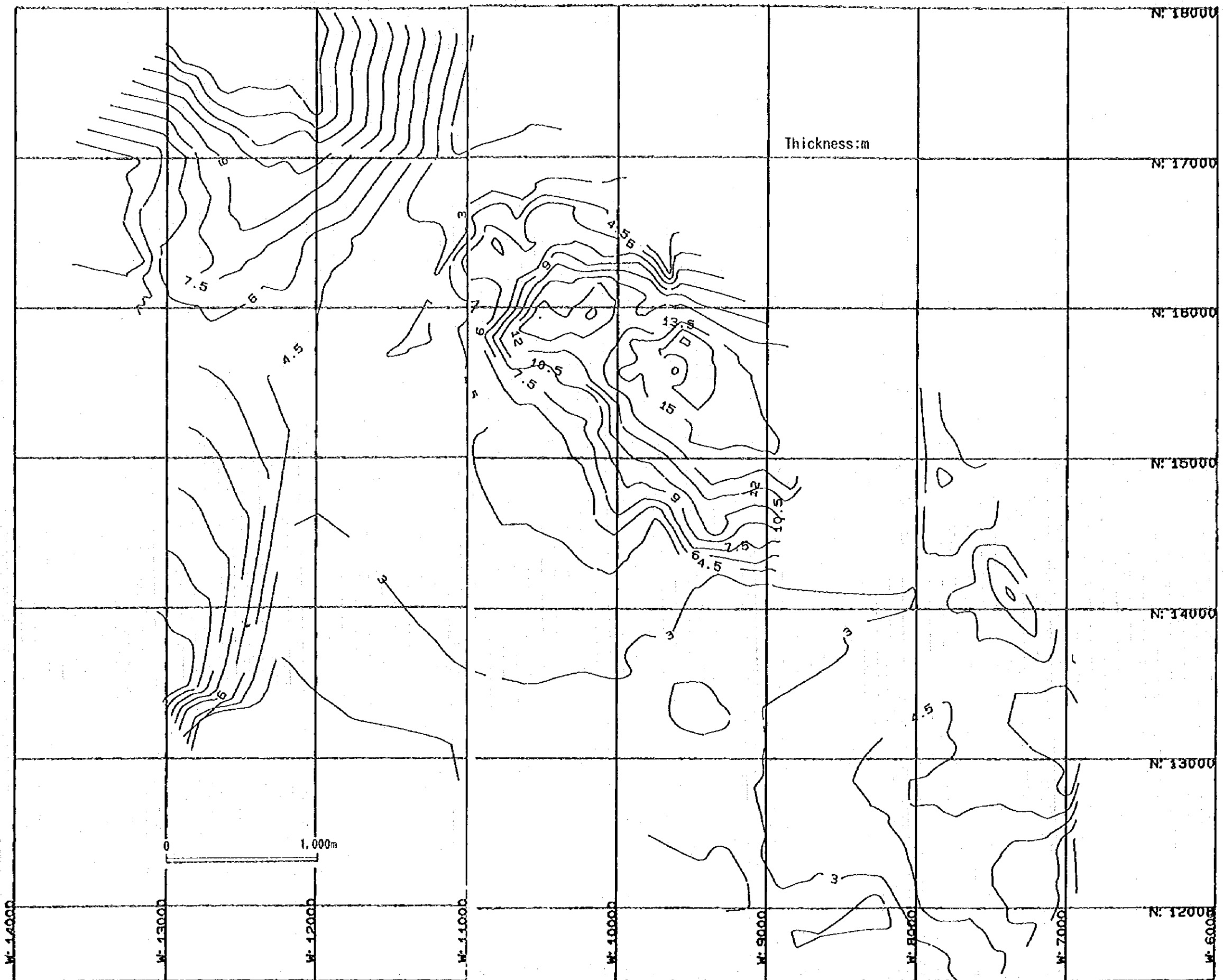
6. Block Grade Model At 1% Cu Cut-Off by ID² Method(1)



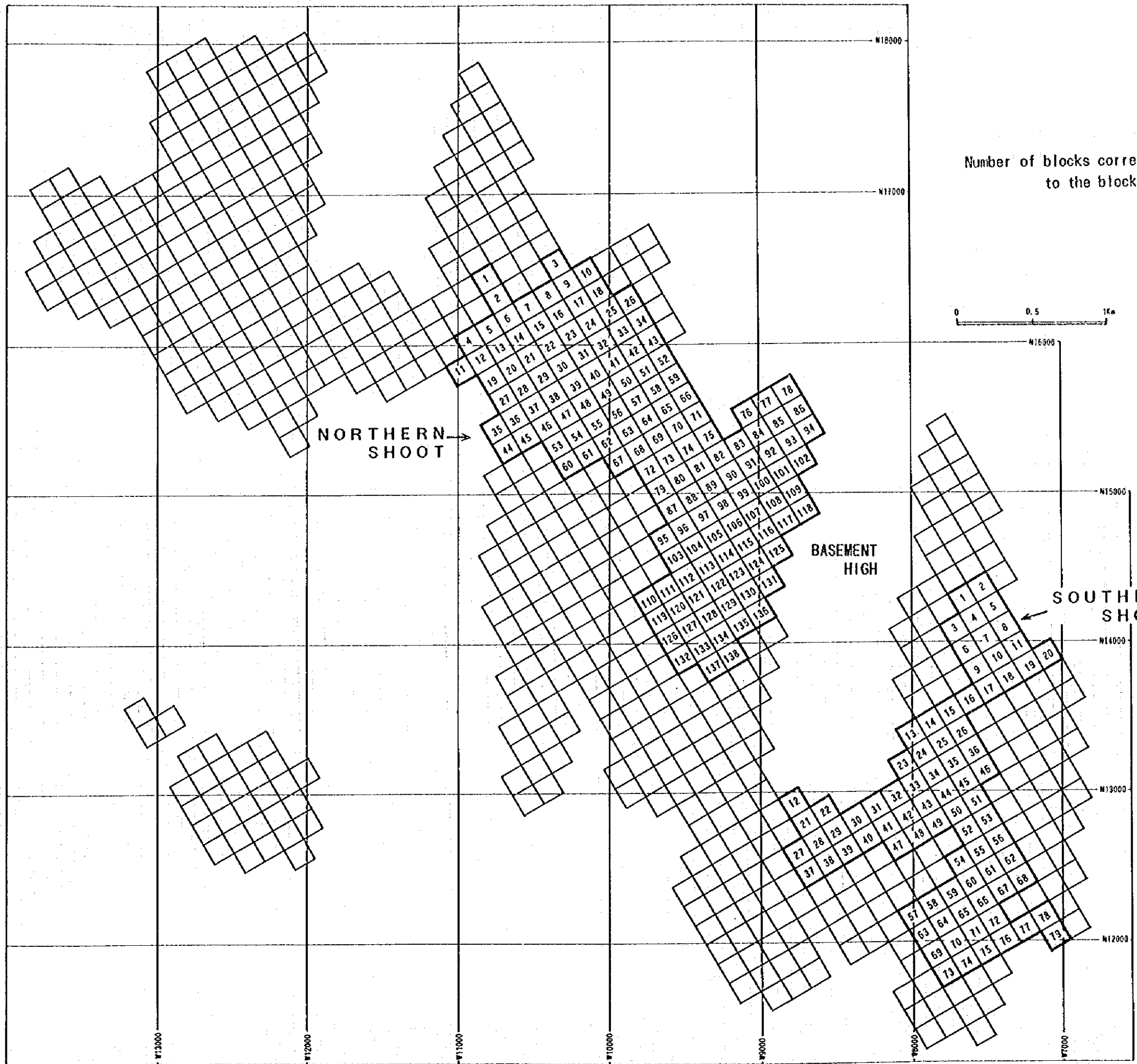
6. Block Grade Model At 1% Cu Cut-Off
by ID² Method(2)



7. Block True Thickness Grids
At 1% Cu Cut-Off



8. Block True Thickness Contours of Orebody



9. Blocks of Potentially Economic Mineralization

10. Grade and Tonnage of Potentially Economic Mineralizati:(1)

NORTHERN SHOOT														
Block No	VOLUME#	GRADE	%VOL	TGR	Block No	VOLUME#	GRADE	%VOL	TGR	Block No	VOLUME#	GRADE	%VOL	TGR
1	29300.7	2	58601.4	2.18	522336.72	96	113207.2	2.28	259244.488					
2	96047.06	2.05	196896.473	2.22	452789.424	97	123963.6	2.58	319877.988					
3	54233.37	2.01	10900.9737	2.14	245191.998	98	235169	3.4	799574.6					
4	33265.03	2.04	67860.6612	2.16	63430.7328	99	270393.1	4.26	1151874.56					
5	96091.92	2.07	198869.574	2.03	428137.556	100	291329.2	5.19	1511998.5					
6	227143.2	2.07	470186.424	2.06	313785.822	101	199084.8	4.98	591442.304					
7	213983.2	2	426766.38	2.1	316565.18	102	58998.17	3.13	184351.272					
8	48950.96	2.07	103398.487	2.09	479028	103	141548.4	2.4	339716.184					
9	10810.02	2.04	22062.4408	2.12	527634.949	104	147633.5	2.84	419279.14					
10	796.76	2	1593.52	2.14	267331.796	105	130734.8	2.87	375208.876					
11	3454.54	2.02	6978.1708	2.11	6837.6449	106	262998.7	3.66	962538.605					
12	43007.6	2.06	86595.656	2.01	262668.106	107	309215.1	3.87	1173442.4					
13	167698.1	2.08	348812.027	2.05	265411.655	108	175570.9	4.26	747932.077					
14	352184.7	2.19	757197.084	2.07	324012.944	109	108107.5	3.99	431348.925					
15	329835.3	2.19	722339.329	2.06	454127.618	110	78378.69	2.25	171852.053					
16	124431.9	2.13	265039.947	2.12	617463.78	111	86679.59	2.24	198642.282					
17	38383.97	2.01	77151.7787	2.08	326037.296	112	116694.3	2.77	323243.211					
18	27545.79	2.02	55642.4958	2.22	56662.1148	113	193500.1	2.91	563093.992					
19	70710.52	2.16	152734.723	2.01	368686.079	114	243993.8	3.03	739180.014					
20	244306.7	2.21	539917.807	2.06	443666.505	115	26999.7	3.89	1050267.67					
21	838173	2.28	1919416.17	2.23	488270.966	116	149898.8	3.7	554625.56					
22	311101.2	2.25	69977.878	2.61	403169.31	117	47000.06	3.99	187530.239					
23	185252.3	2.22	411260.106	3.02	64389.2894	118	12457.42	2.96	54633.9632					
24	76727.73	2.25	172637.393	2.08	575780.587	119	57024.86	2.22	126595.189					
26	56368.99	2.16	119597.018	2.43	415485.824	120	71586.42	2.94	210464.075					
26	72417.16	2.09	151351.864	2.98	270577.355	121	68240.07	3.23	220415.426					
27	110734.31	2.14	236971.402	3.42	24457.8564	122	134427.6	2.86	384462.907					
28	304059.3	2.19	665889.859	3.57	1157.1236	123	243149	3.25	790234.25					
29	341951.2	2.29	783068.225	3.25	166894.228	124	163787	3.8	641390.6					
30	306706.8	2.29	702358.595	3.58	281320.41	125	1910.96	4.17	7968.7032					
31	185670.1	2.24	415901.002	3.58	281320.41	126	41342.2	2.21	91366.262					
32	118897.1	2.18	259185.678	2.17	589209.923	127	49487.23	3.3	163307.859					
33	76694.02	2.14	164125.203	2.46	466145.008	128	37393.89	3.62	136365.882					
34	65740.53	2.09	137397.708	3.28	232399.578	129	141756.4	3.5	467796.153					
36	2756.39	2.03	5595.4717	4.06	162666.461	130	218934.4	2.98	652424.542					
36	181186.3	2.09	378679.367	3.92	288598.482	131	26719.52	3.4	90846.368					
37	305403.5	2.12	647455.42	3.85	603698.597	132	2805.97	2.18	5627.0146					
38	269613.1	2.23	601237.191	3.4	1262773.915	133	28736.81	2.97	88318.3257					
39	226283.9	2.23	504613.119	3.28	537999.015	134	75494.09	3.4	256678.906					
40	227310.5	2.19	487809.995	2.1	324978.78	135	178978.3	3.24	579565.692					
41	160009	2.19	350419.71	2.44	363969.92	136	90512.11	2.96	267915.846					
42	98010.84	2.14	209743.198	3.12	524268.919	137	33804.22	2.94	99384.4068					
43	60152.55	2.15	129327.983	3.71	653470.459	138	134622.5	3.16	425407.1					
44	41403.5	2.02	83635.07	4.86	1196038.27	139	20521878	369.17	55369233.9					
45	25323.3	2.08	527328.464	4.83	1633350.69									
46	252732	2.09	528209.98	3.47	973230.9									
47	186505.6	2.14	399121.963	2.66	19341.8974									
48	165778.2	2.18	361396.476	2.02	341430.5									

ARITH AVGR 2.675145
AV GRADE# 2.699034
TONNAGE# 547984.15

10. Grade and Tonnage of Potentially Economic Mineralizati (2)

SOUTHERN SHOOT

BLOCK NO	VOLUME	GRADE	VOL*GR	BLOCK NO	VOLUME	GRADE	VOL*GR
1	104514.6	2.14	223661.244	49	110796.1	2.01	222700.161
2	81902.59	2.11	172814.465	50	64930.93	2.25	146094.593
3	89978.15	2.12	188933.678	51	59596.72	2.38	141840.241
4	67519.97	2.36	156347.129	52	59904.84	2.03	121789.525
5	8494.82	2.28	19368.1899	53	56917.4	2.18	124079.932
6	73213.62	2.02	147891.512	54	66592.1	2.03	135161.663
7	36375	2.2	80025	55	78675.62	2.02	158924.752
8	2313.24	2.22	5135.3928	56	87484.91	2.12	185466.737
9	59953.47	2	119906.94	57	34251.8	2.09	71586.262
10	14277.44	2.03	28983.2032	58	92798.52	2.23	206940.77
11	468.15	2.1	983.115	59	100712.9	1.93	194375.897
12	7927.8	2	15855.6	60	79026	2.14	169115.64
13	35220.31	2.15	75723.6695	61	87965.32	2.28	200560.93
14	140681	2.09	294023.29	62	91506.14	2.01	183927.341
15	70333.17	2.05	144182.999	63	114751.5	2.31	265075.965
16	65869.57	2.01	132397.838	64	118688.1	2.54	301467.774
17	41084.12	1.98	81346.5576	65	102400.9	2.33	238594.097
18	15606.2	1.95	30435.99	66	112303.1	2.21	248189.851
19	3996.87	2.05	8193.5635	67	112845.9	2.25	253903.275
20	54.88	2.02	110.4536	68	114959.1	2.14	246010.334
21	20765.22	2.09	43399.3098	69	149655.6	2.19	327745.742
22	43402.87	2.1	91146.027	70	110108.4	2.31	254350.404
23	1953.62	2.39	4669.1516	71	123885.5	2.19	271309.245
24	117400.1	2.31	271194.231	72	115046.2	2.13	245048.406
25	116304.8	2.26	262849.074	73	109425.3	2.03	222133.358
26	90565.38	2.1	190187.298	74	108392.6	2.08	225394.208
27	31568.34	2.23	70397.3982	75	100103.9	2.04	204211.956
28	56669.35	2.26	128072.731	76	66070.79	2.06	136105.827
29	85950.92	2.05	176199.386	77	45139.32	2.01	90730.4352
30	52257.74	2.02	105560.635	78	107526.3	2.21	237633.123
31	42776.5	2.17	92825.005	79	4856.48	2.19	10635.6912
32	43344.87	2.42	104894.585				
33	54523.19	2.4	130855.656	TOTAL	5593100	171.49	12223474.8
34	123815.7	2.55	315730.035	ARITH. AVGR			2.170759
35	74147.05	2.36	174987.038	AV. GRADE =			2.185456
36	91350.12	2.15	196402.758	TONNAGE =			14933576
37	38759.38	2.37	91859.7308				
38	55041.02	2.27	124943.115				
39	78480.85	2.02	158531.317				
40	82644.77	2.07	171074.674				
41	71735.02	2.11	151380.892				
42	78696.52	2.29	180215.031				
43	107831	2.47	266342.57				
44	86597.8	2.54	219958.412				
45	76731.44	2.52	193363.229				
46	54102.74	2.01	108746.507				
47	38069.62	2.07	78804.1134				
48	90459.81	2.09	189081.003				

10. Grade and Tonnage of Potentially Economic Mineralizati (3)

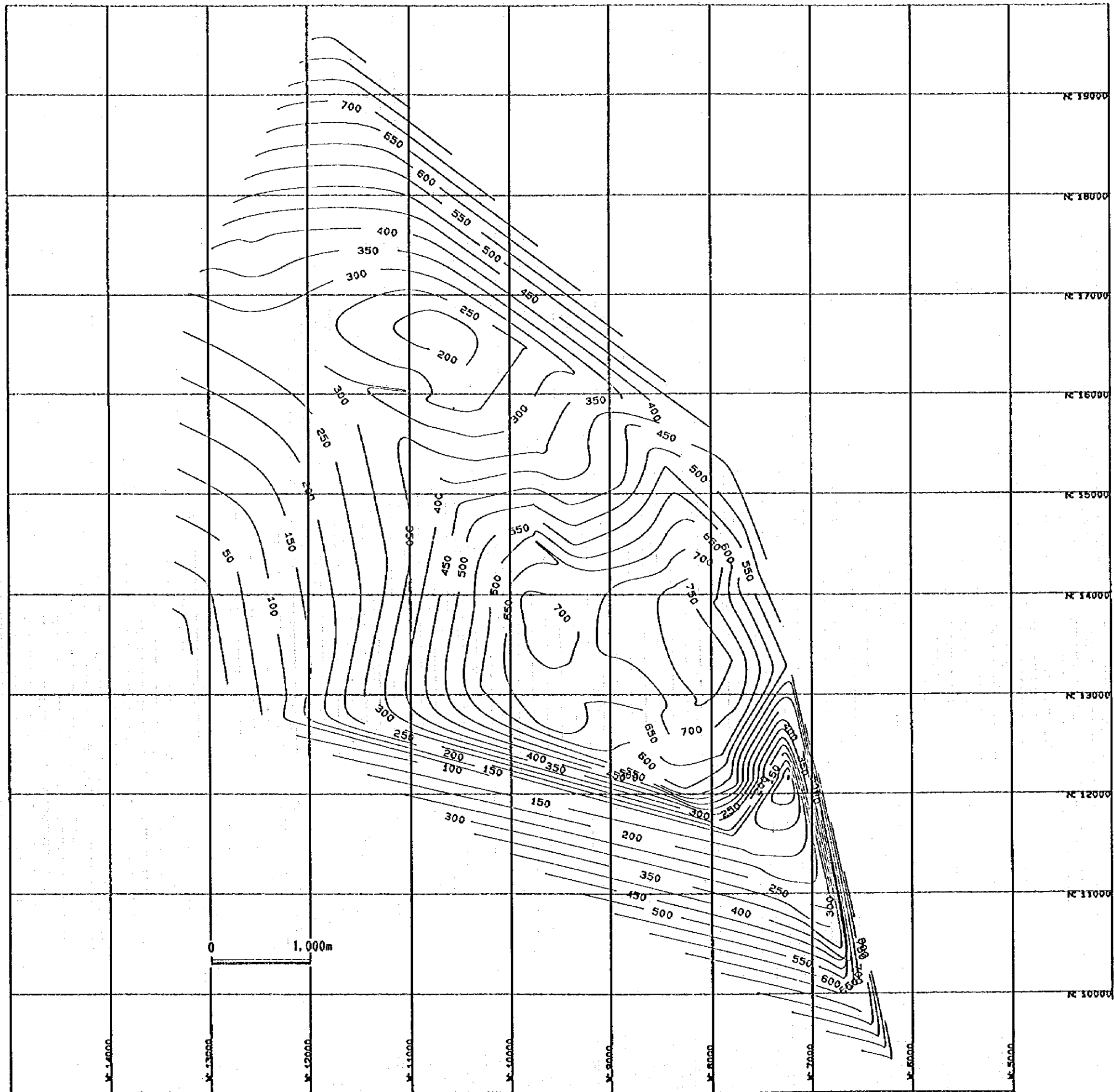
NORTHERN SHOOT

Block No	VOLUME(m3)	GRADE(%Co)	VOL%CoGR	Block No	VOLUME(m3)	GRADE(%Co)	VOL%CoGR	Block No	VOLUME(m3)	GRADE(%Co)	VOL%CoGR		
1	29300.7	0.05	1465.035	47	186505.59	0.08	14920.45	93	2804.70	0.27	75726.9		
2	9604.06	0.05	4802.353	48	165778.2	0.1	16577.82	94	7271.39	0.25	1817.848		
3	5423.37	0.03	162.7011	49	239604	0.11	26336.44	95	169025	0.26	43946.5		
4	33265.03	0.04	1330.601	50	203959.2	0.12	24475.1	96	113207.2	0.27	30665.94		
5	96081.92	0.04	3843.277	51	114575.7	0.1	11457.57	97	123983.6	0.29	35955.24		
6	227143.2	0.05	11357.16	52	29366.08	0.12	3523.93	98	235169	0.29	68199.01		
7	213383.19	0.04	8535.328	53	210905.2	0.05	10545.26	99	270393.09	0.29	78414		
8	49950.96	0.04	1998.038	54	152323.7	0.06	9139.422	100	291329.19	0.29	84485.47		
9	10810.02	0.03	324.3006	55	150745.8	0.12	18089.5	101	199084.8	0.29	57734.59		
10	796.76	0.03	23.9028	56	229200	0.15	34380	102	58898.17	0.26	15813.52		
11	3454.54	0.04	138.1816	57	248884.41	0.15	37332.66	103	141548.41	0.27	38218.07		
12	43007.6	0.05	1824.921	58	124921.4	0.17	21236.64	104	147633.5	0.28	41337.38		
13	167698.09	0.05	8384.905	59	3240.59	0.2	648.118	105	130734.3	0.28	36605.74		
14	352184.69	0.06	21131.08	60	130690.6	0.05	6504.53	106	262988.69	0.29	76266.72		
15	329835.31	0.06	19790.12	61	129469.1	0.06	7763.146	107	303215.09	0.28	84900.23		
16	124431.9	0.05	6221.595	62	161358.91	0.1	16135.89	108	175570.91	0.29	50915.56		
17	38383.97	0.04	1535.359	63	220450.3	0.13	28658.54	109	108107.5	0.28	30270.1		
18	27545.79	0.03	826.3737	64	291256.5	0.15	43688.48	110	78878.69	0.24	18330.89		
19	70710.52	0.06	4242.631	65	156748.7	0.14	21944.82	111	89679.59	0.24	21283.1		
20	244306.7	0.06	14658.4	66	178366.93	0.16	2815.509	112	116694.3	0.27	31507.45		
21	83817.3	0.06	50290.38	67	183425.91	0.11	20176.85	113	193503.09	0.29	56115.9		
22	311101.19	0.06	18666.07	68	215972.09	0.14	30152.09	114	243953.8	0.28	68307.06		
23	185252.3	0.05	9262.615	69	218955.59	0.14	30653.78	115	269991.69	0.27	72897.76		
24	76727.73	0.05	3836.387	70	154471	0.16	24715.36	116	149898.8	0.28	41971.66		
25	55368.59	0.04	2214.76	71	21318.97	0.15	3197.846	117	47000.06	0.29	13630.02		
26	72417.16	0.03	2172.515	72	276817.59	0.11	30449.93	118	18457.42	0.26	4798.929		
27	110734.3	0.05	5536.715	73	170973.59	0.12	20516.83	119	57024.86	0.24	13685.97		
28	304059.31	0.05	18243.56	74	90797.77	0.14	12711.69	120	71586.42	0.24	17180.74		
29	341951.19	0.06	20517.07	75	7151.42	0.13	929.6846	121	68240.07	0.25	17060.02		
30	306706.81	0.08	24536.54	76	357.14	0.11	39.2854	122	134427.59	0.26	34951.17		
31	185670.09	0.08	14853.61	77	51352.07	0.07	3594.645	123	243149	0.26	63218.74		
32	118897.1	0.06	7133.826	78	78581.12	0.06	4714.867	124	168787	0.27	45572.49		
33	76694.02	0.06	4601.641	79	271525.31	0.09	2437.28	125	1910.96	0.28	535.0688		
34	65740.53	0.05	3287.027	80	185424.8	0.11	20396.73	126	41342.2	0.03	1240.266		
35	2756.39	0.04	110.2556	81	70853.53	0.12	8502.424	127	49497.23	0.04	1979.489		
36	181186.3	0.05	9059.315	82	40073.02	0.12	4808.762	128	37393.89	0.03	1121.817		
37	305403.5	0.05	15270.18	83	68517.47	0.11	7536.922	129	141756.41	0.04	5670.256		
38	269613.09	0.06	21569.05	84	156805.09	0.1	15680.51	130	218934.41	0.06	13136.06		
39	226283.91	0.09	20457.95	85	371404.09	0.07	25998.29	131	26719.52	0.06	1603.171		
40	227310.5	0.09	20457.95	86	164024.09	0.06	9041.445	132	25805.97	0.03	774.1791		
41	160009	0.08	12800.72	87	154751.8	0.07	10832.63	133	29736.81	0.04	1189.472		
42	98010.84	0.07	6860.759	88	149168	0.09	13425.12	134	78494.09	0.03	2264.823		
43	60152.55	0.09	5413.73	89	168034.91	0.1	16803.49	135	178878.3	0.03	5366.349		
44	41403.5	0.04	1656.14	90	176137.59	0.1	17613.76	136	90512.11	0.04	3620.484		
45	253223.3	0.04	10140.93	91	246098.41	0.1	24609.84	137	33804.22	0.04	1352.169		
46	252732	0.06	15163.92	92	317463.91	0.09	28571.75	138	134622.5	0.04	5384.9		
TOTALS											20521878	17.02	2620507
ARITHLA/GR											0.12333333		
AV.GRADE											0.12769332		

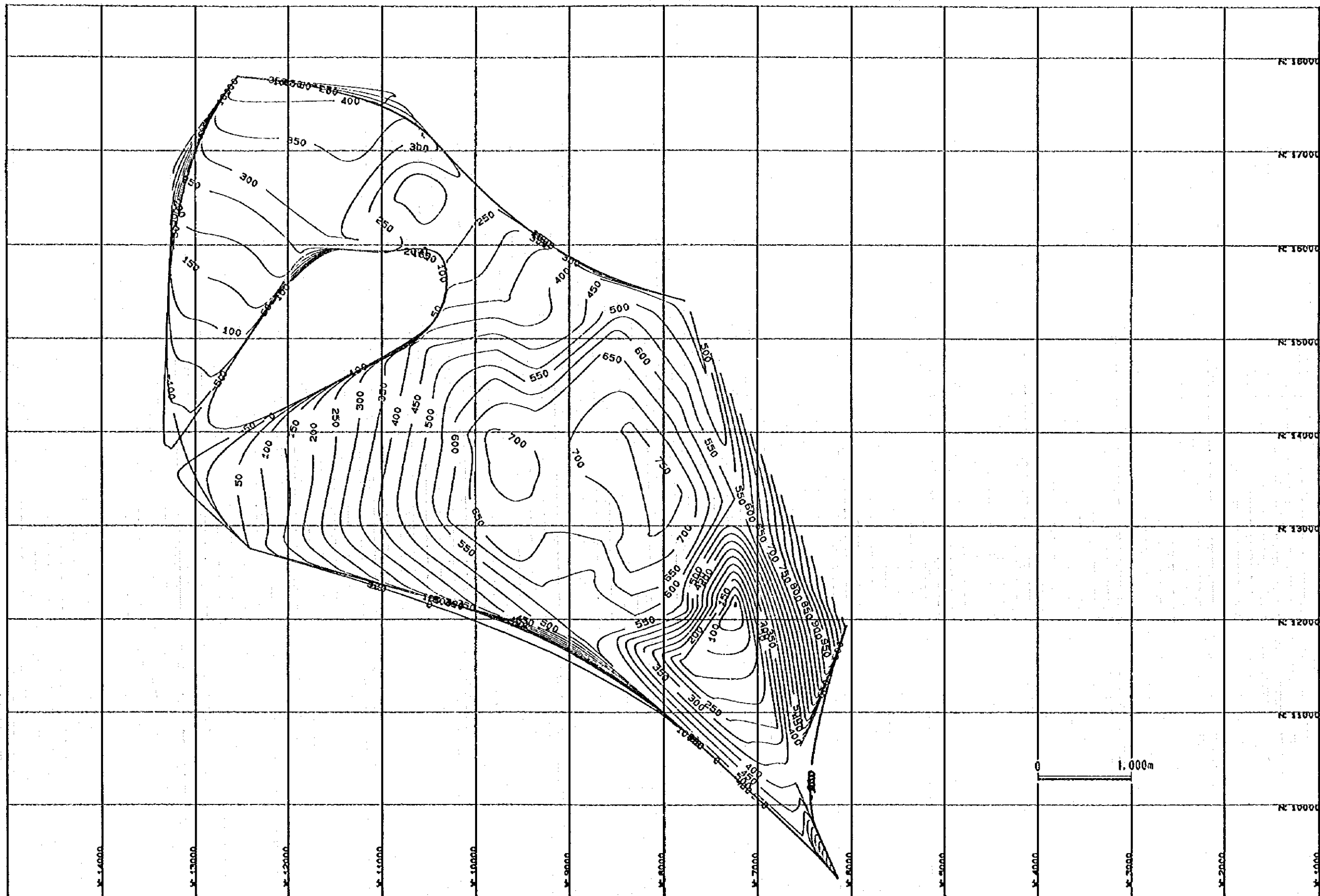
10. Grade and Tonnage of Potentially Economic Mineralizati (4)

SOUTHERN SHOOT

Block No	VOLUME(m3)	GRADE(%Co)	VOL*CoGR	Block No	VOLUME(m3)	GRADE(%Co)	VOL*CoGR	Block No	VOLUME(m3)	GRADE(%Co)	VOL*CoGR	Block No	VOLUME(m3)	GRADE(%Co)	VOL*CoGR	
1	104514.6	0.03	3135.438	28	56969.35	0.08	4533.548	56	78675.62	0.11	8654.318	57	87484.31	0.13	11372.96	
2	81902.59	0.03	2457.078	29	85950.92	0.09	7735.583	58	92798.52	0.07	6495.896	59	100712.9	0.27	27192.43	
3	69978.15	0.03	2099.345	30	52257.74	0.11	5748.351	60	79026	0.1	7902.6	61	87965.32	0.13	11435.43	
4	67519.97	0.03	2025.599	31	42776.5	0.15	6416.475	62	91506.14	0.12	10880.74	63	114751.5	0.11	12622.67	
5	8494.82	0.03	254.3446	32	43344.87	0.2	8668.974	64	118688.1	0.1	11868.81	65	102400.9	0.09	9216.081	
6	73213.62	0.06	4392.817	33	54522.19	0.19	10359.41	66	112303.1	0.08	8924.242	67	112845.9	0.12	12388.5	
7	36375	0.04	1455	34	123815.7	0.17	21048.67	68	114958.1	0.13	14944.55	69	149655.59	0.14	20951.78	
8	2313.24	0.04	92.5296	35	74147.05	0.18	13346.47	70	110108.4	0.15	16316.26	71	123885.5	0.15	18582.83	
9	59953.47	0.08	4796.278	36	91350.12	0.19	17356.52	72	115046.2	0.1	11504.62	73	109425.3	0.18	19596.55	
10	14277.44	0.05	713.872	37	38759.38	0.09	3488.344	74	108362.6	0.19	20588.89	75	100103.9	0.2	20020.78	
11	468.15	0.04	18.726	38	55041.02	0.08	4403.282	76	66470.73	0.17	11232.03	77	45139.52	0.12	5416.742	
12	7927.8	0.07	554.945	39	78480.85	0.1	7848.085	78	107526.3	0.17	18279.47	79	4856.48	0.17	825.6016	
13	35220.31	0.16	5635.25	40	82644.77	0.12	9917.372	79	4856.48	0.17	825.6016					
14	140681	0.15	21102.15	41	71735.02	0.13	9325.553									
15	70333.17	0.14	9846.644	42	79696.52	0.16	12591.44									
16	68669.57	0.11	7245.653	43	107831	0.16	17232.96									
17	41084.12	0.09	3697.571	44	86597.8	0.16	13855.65									
18	15608.2	0.07	1092.574	45	76731.44	0.17	13044.34									
19	3996.87	0.06	239.8122	46	54102.74	0.14	7574.384									
20	54.68	0.06	3.2808	47	38069.62	0.11	4187.558									
21	20765.22	0.07	1453.965	48	90459.81	0.12	10855.18									
22	43402.87	0.07	3038.201	49	110796.1	0.12	13295.53									
23	1953.62	0.16	312.5792	50	84930.93	0.13	8441.021									
24	117400.1	0.18	21132.02	51	59596.74	0.14	8343.544									
25	116304.9	0.2	23260.98	52	59994.84	0.11	6599.432									
26	90565.38	0.16	14490.46	53	56917.4	0.12	6830.088									
27	31568.34	0.08	2525.467	54	66582.1	0.08	5326.568									
TOTALS																
														5593100	9.27	717035.2
														ARITH.AVGR		0.11734177
														AV.GRADE		0.12819997



11. Footwall Elevation Contours of 0.5% Cu Mineralization



12. Basement Elevation Contours by LYNX