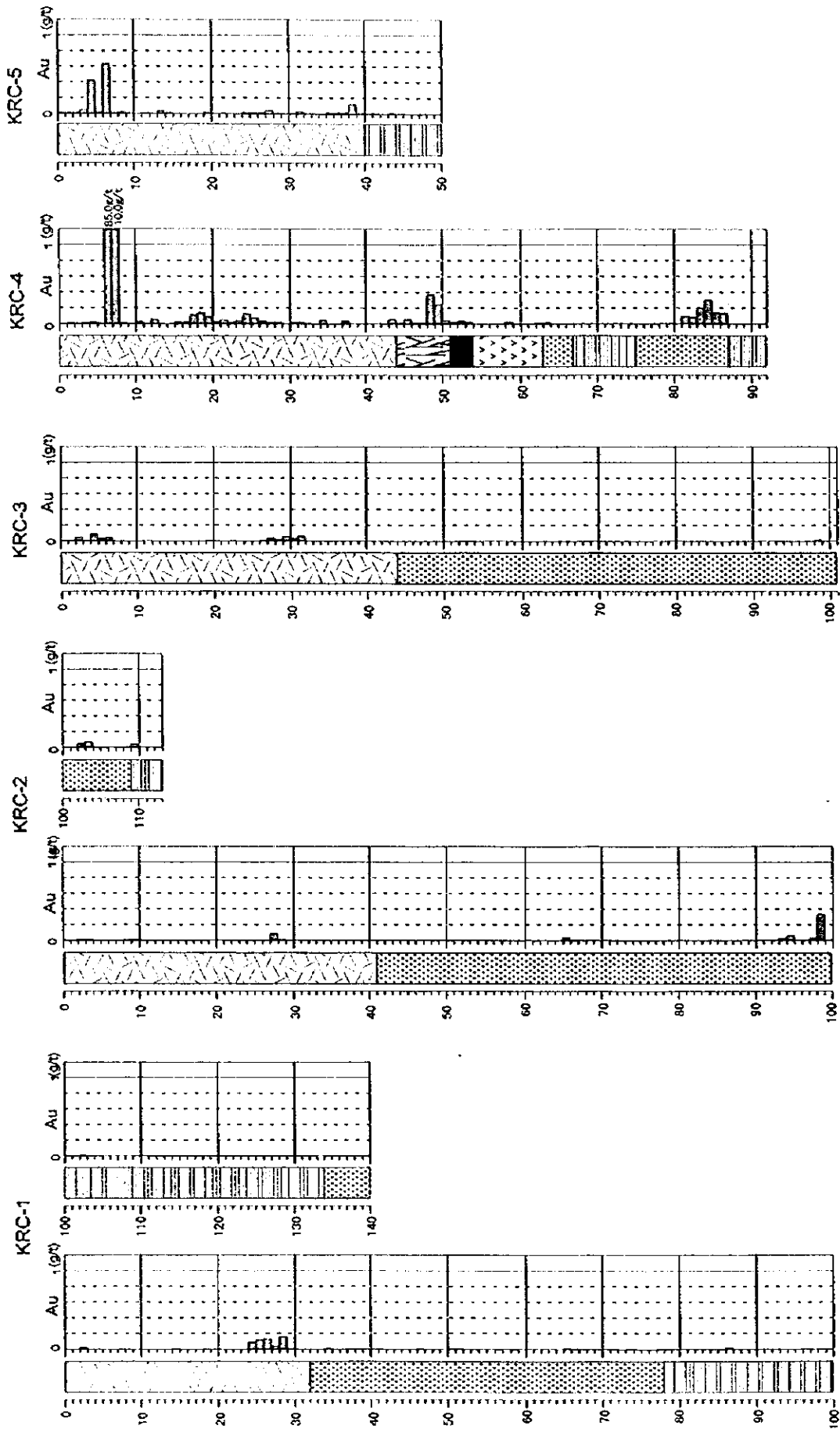


## Abbreviations

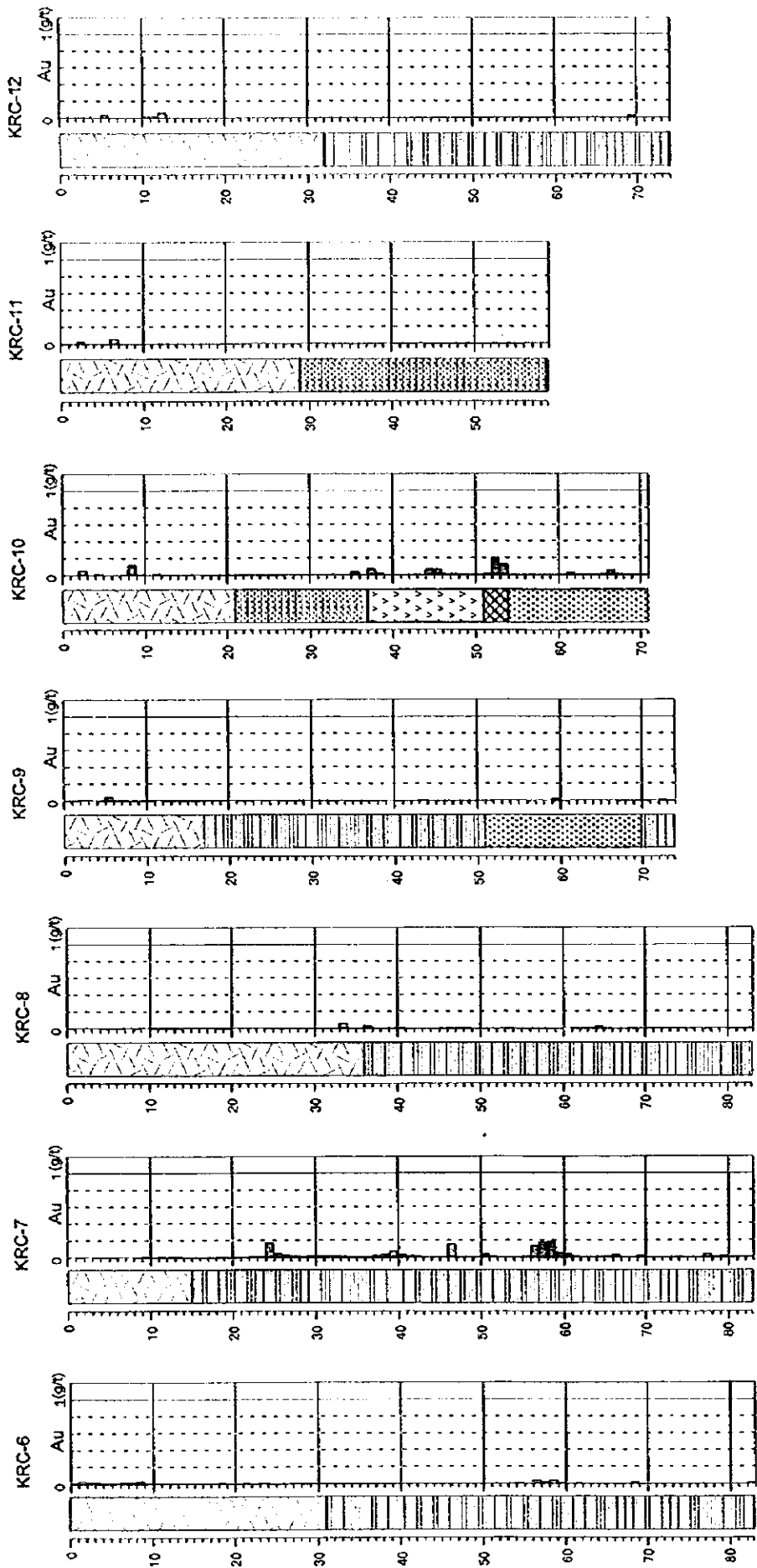
brown	brn	meta sandstone	Ms
red	rd	pelitic schist	Ps
orange	org	diorite	Dio
yellow	yel	andesite	And
green	grn	vein	Vn
black	blk	disseminate	dism
gray	gry	argillized	arg
white	wht	alteration	alt
transparent	trp	very fine	vf.
translucent	trl	fine	f.
quartz	Qtz	medium	m.
calcite	Cal	coarse	c.
chlorite	Chl	weakly	wk
kaolinite	Kal	moderately	mdr
pyrite	Py	strongly	stg
chalcopryrite	Chal	trace	tr
limonite	Limo		
plagioclase	Pl		



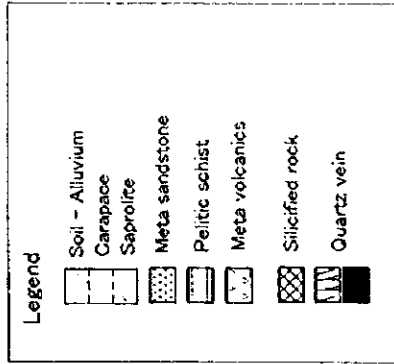
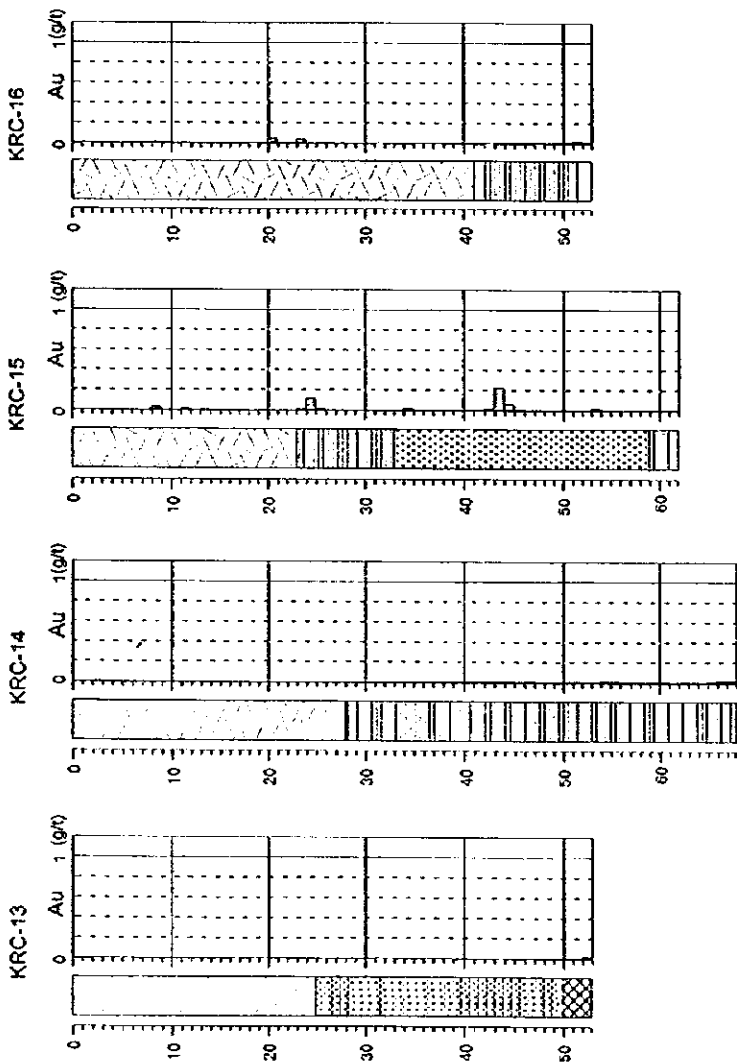
ApC.5 Summary of KRC-1 to KRC-16 (1/3)

## Abbreviations

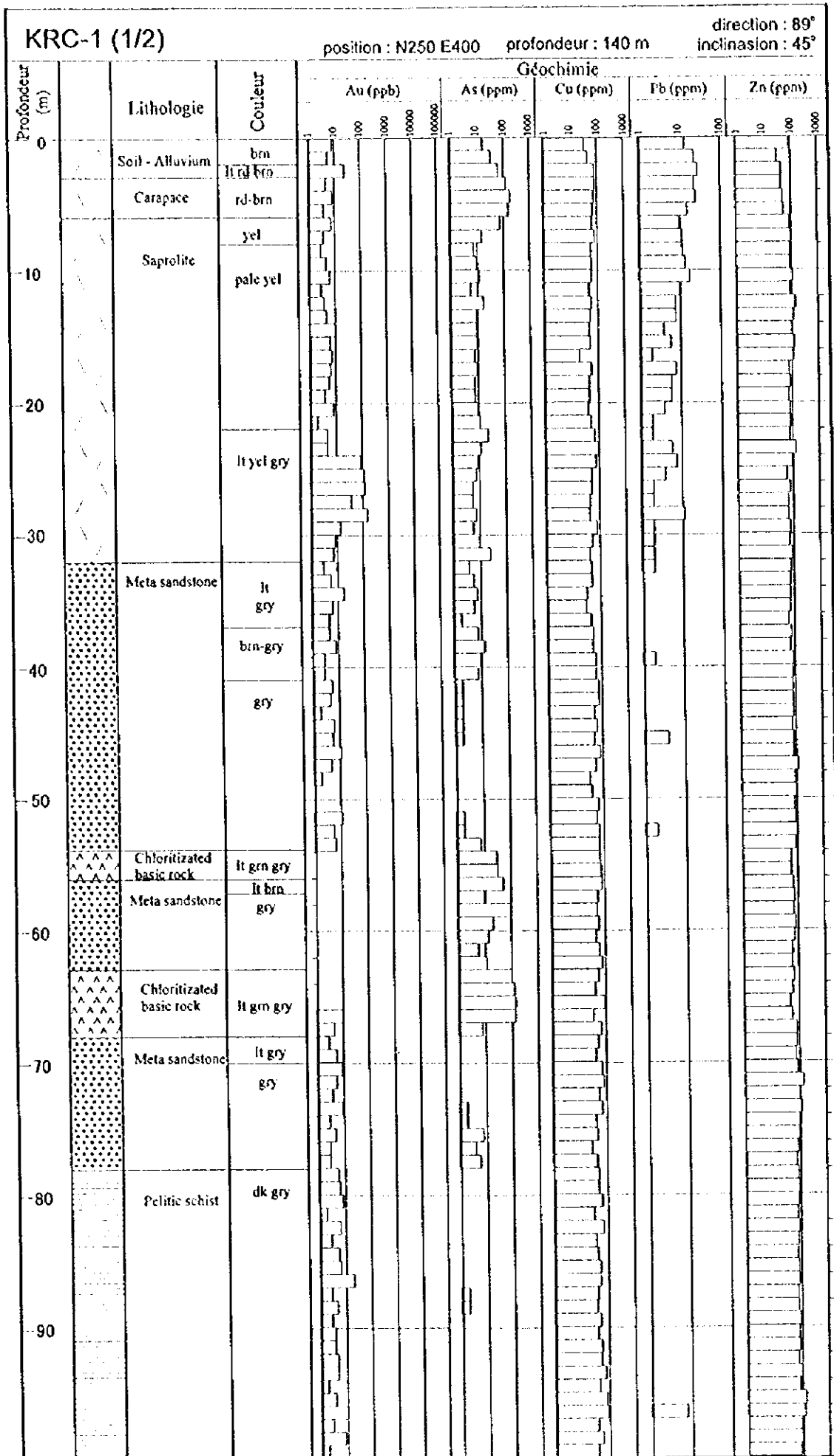
brown	brn	meta sandstone	Ms
red	rd	pelitic schist	Ps
orange	org	diorite	Dio
yellow	yel	andesite	And
green	grn	veine	Vn
black	blk	disseminate	dism
gray	gry	argillised	arg
white	wht	alteration	alt
transparent	trp	very fine	vf.
translucent	trl	fine	f.
quartz	Qtz	medium	m.
calcite	Cal	coarse	c.
chlorite	Chl	weakly	wk
kaolinite	Kal	moderately	mdr
pyrite	Py	strongly	stg
chalcopyrite	Chal		
limonite	Limo	trace	tr
plagioclase	Pf		



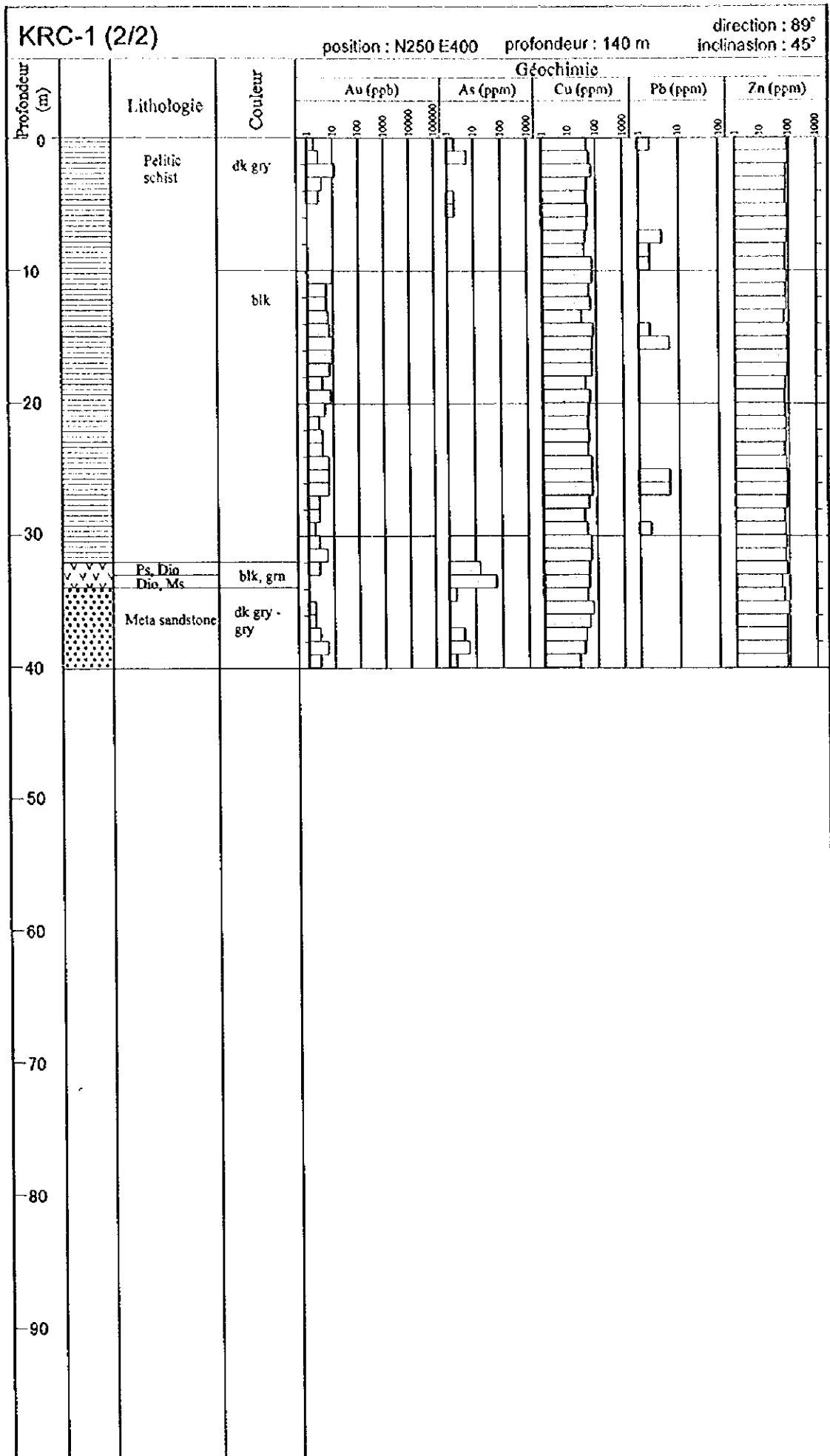
Apc.5 Summary of KRC-1 to KRC-16 (2/3)



ApC.5 Summary of KRC-1 to KRC-16 (3/3)



Apc.5 Colonne des sondages de KRC-1 à KRC-16 (1)

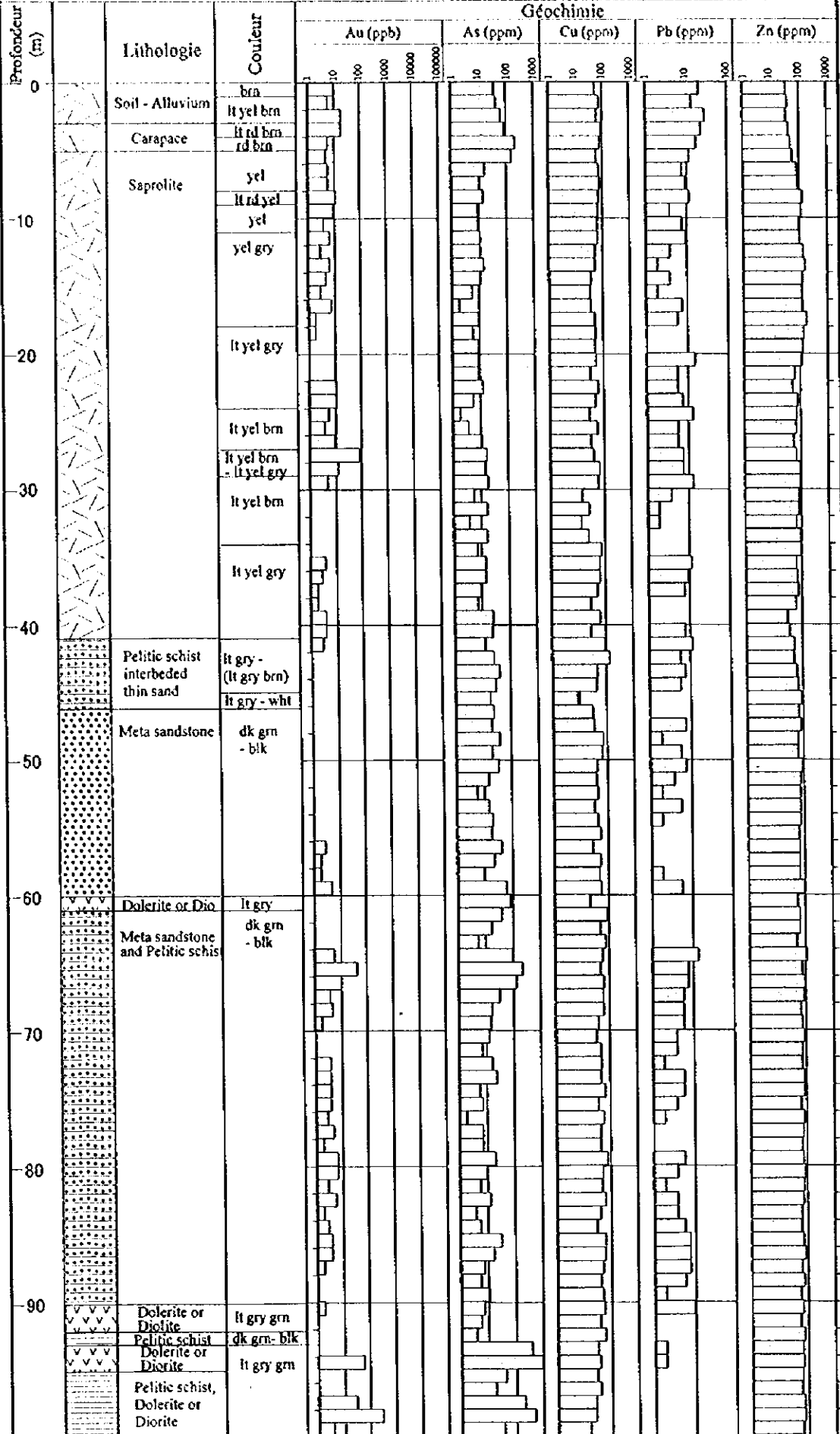


Apc.5 Colonne des sondages de KRC-1 à KRC-16 (2)

KRC-2 (1/2)

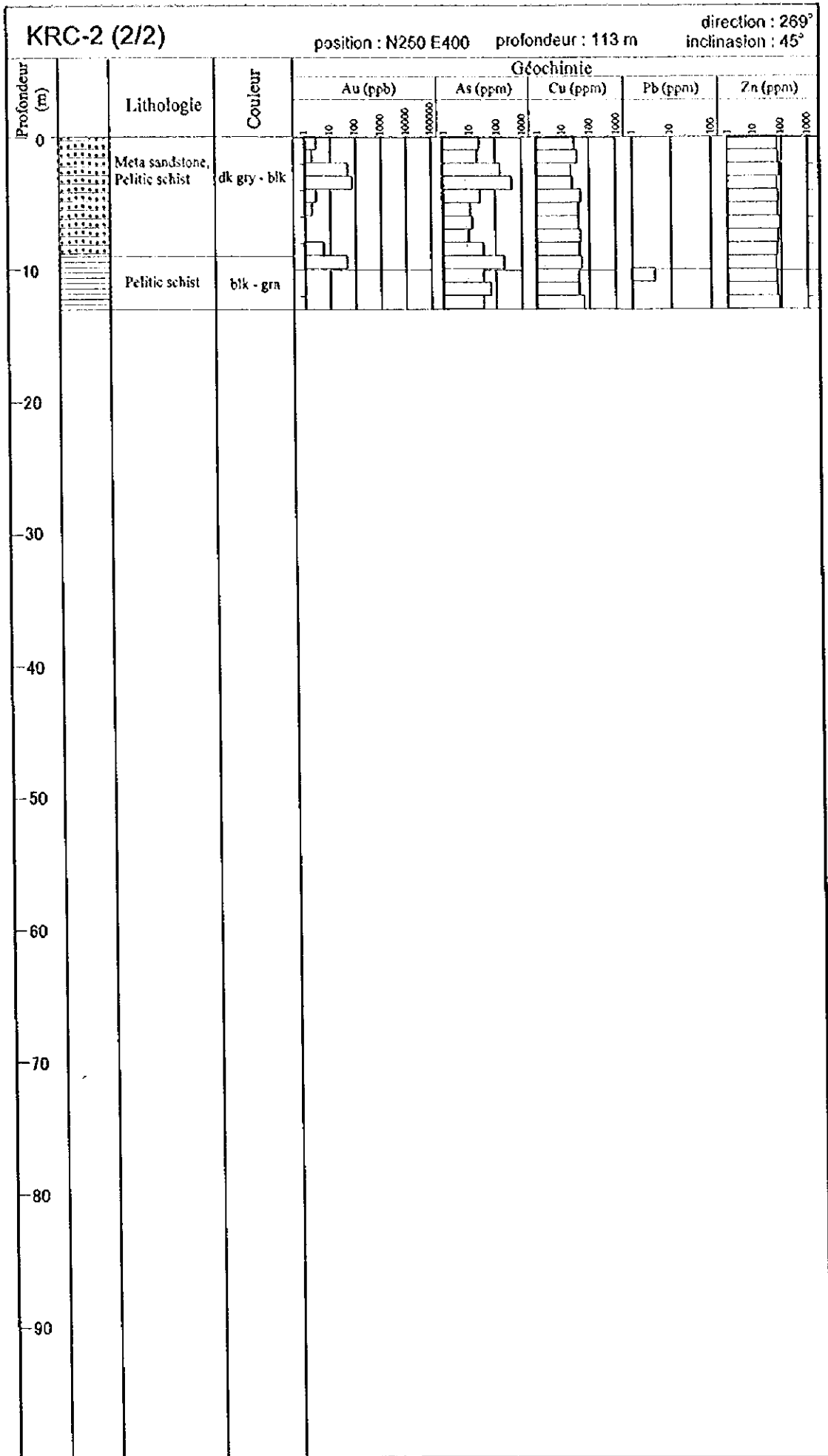
position : N250 E400 profondeur : 113 m

direction : 269°  
inclinaison : 45°

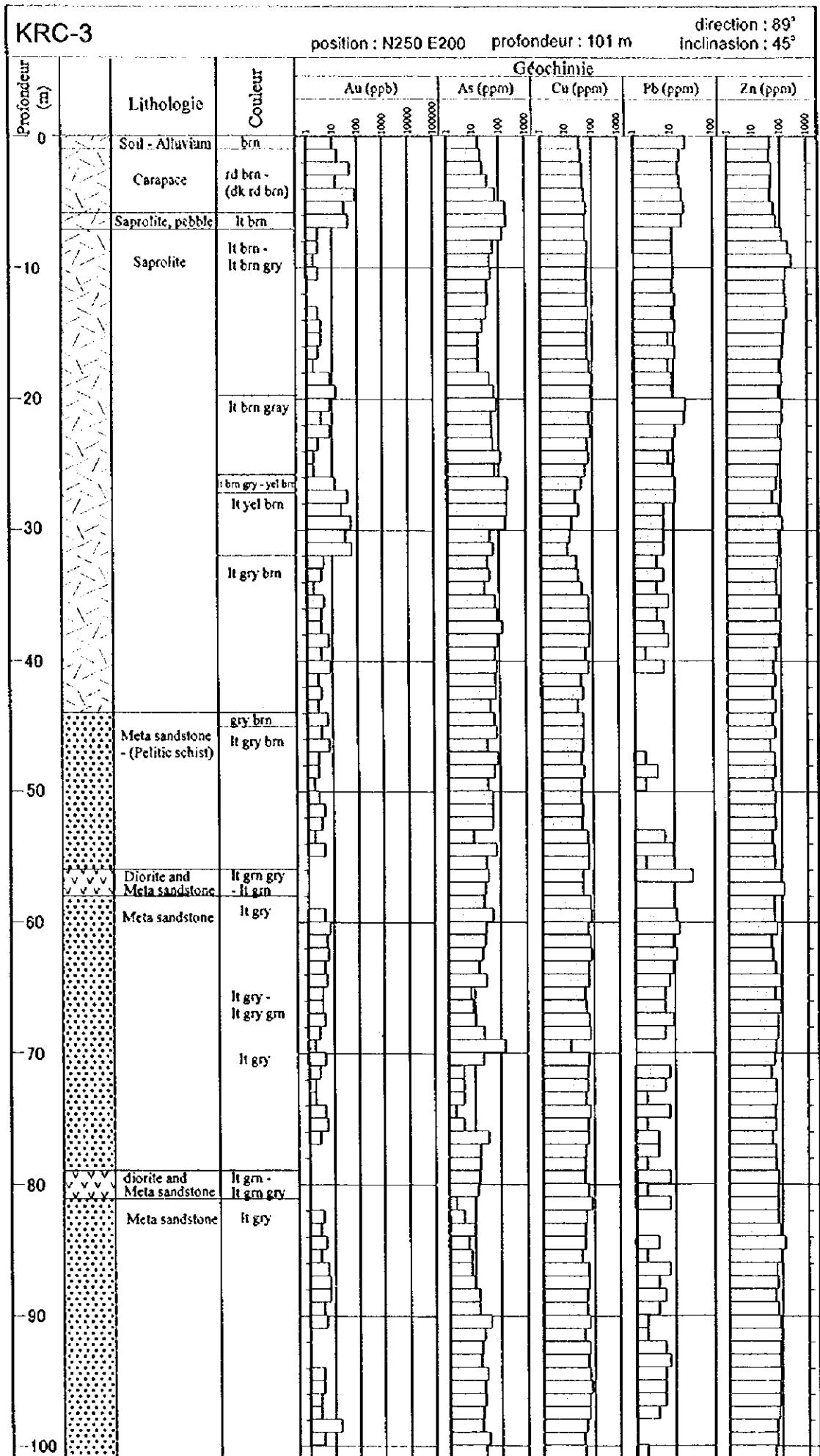


Apc.5 Colonne des sondages de KRC-1 à KRC-16 (3)

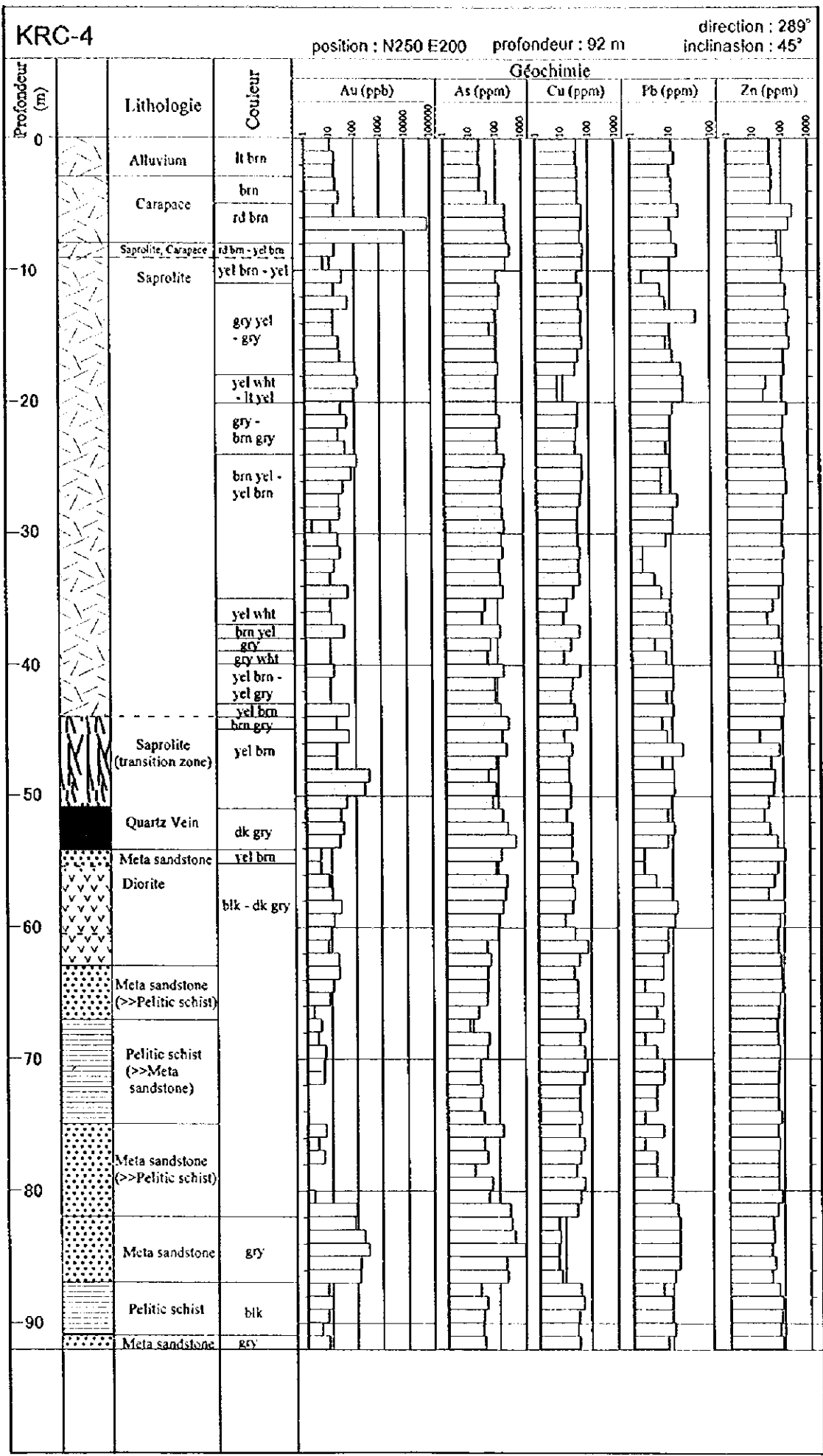




Apc.5 Colonne des sondages de KRC-1 à KRC-16 (4)



Apç.5 Colonne des sondages de KRC-1 à KRC-16 (5)



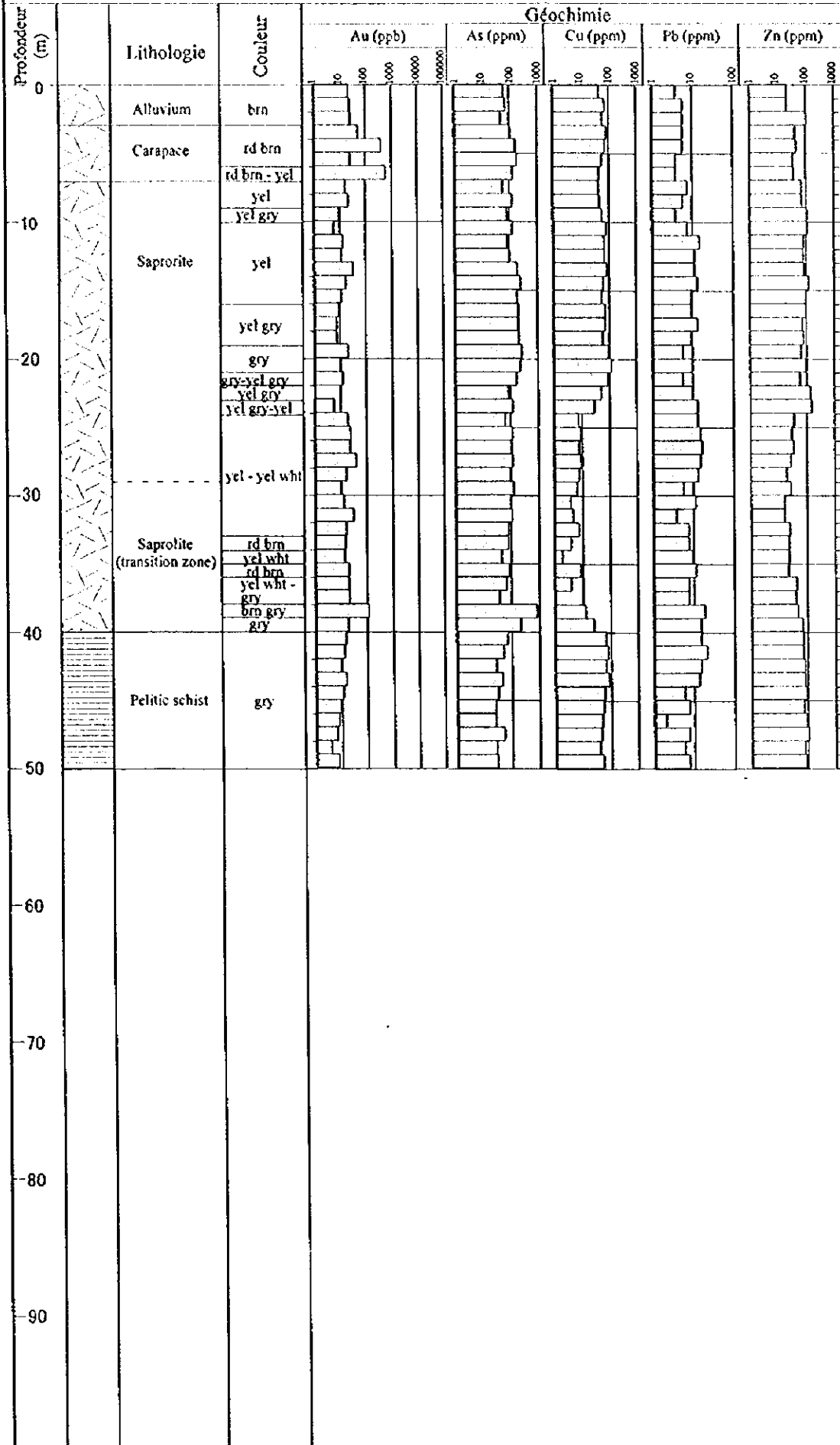
Apc.5 Colonne des sondages de KRC-1 à KRC-16 (6)

KRC-5

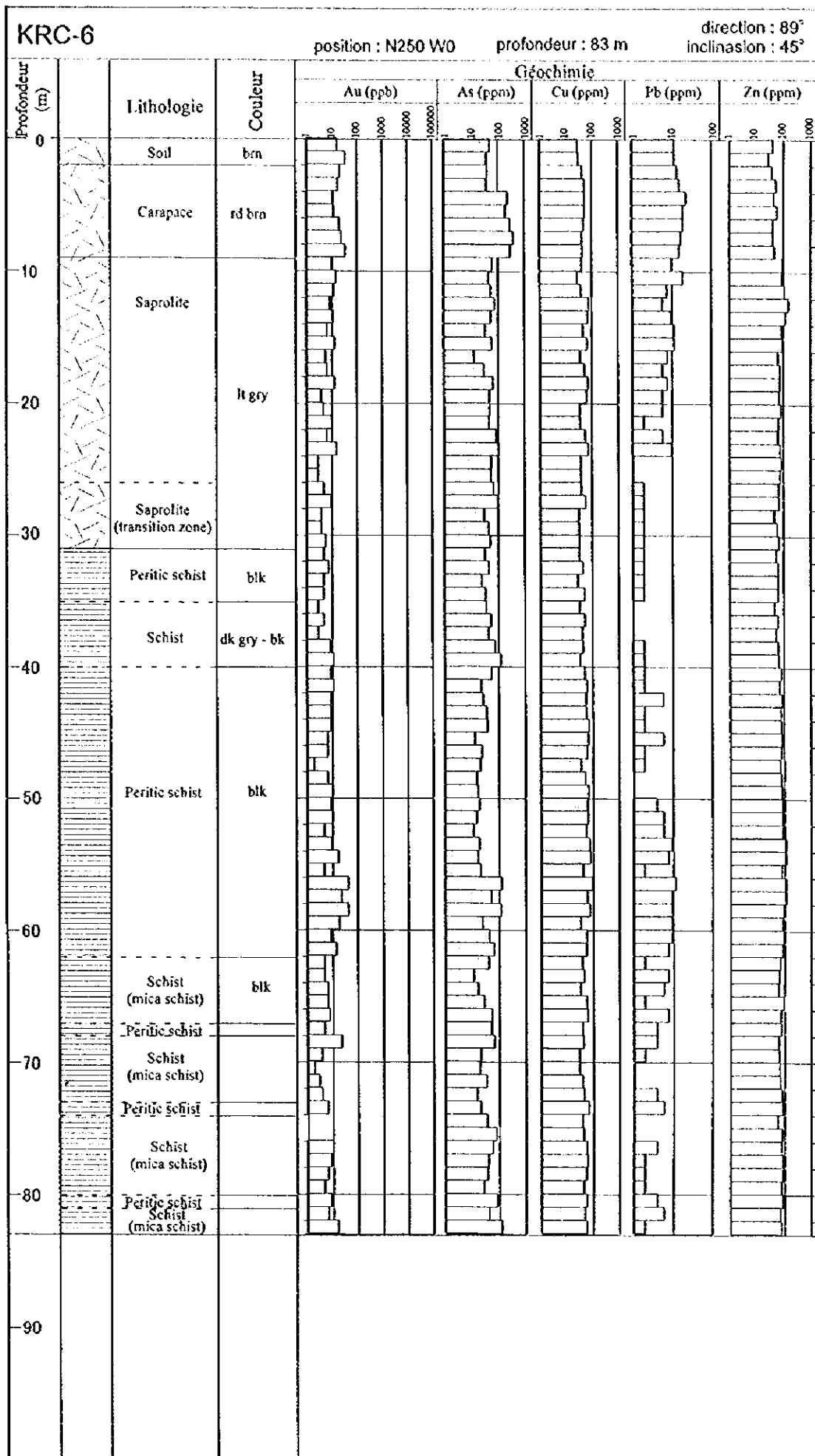
position : N250 W0

profondeur : 50 m

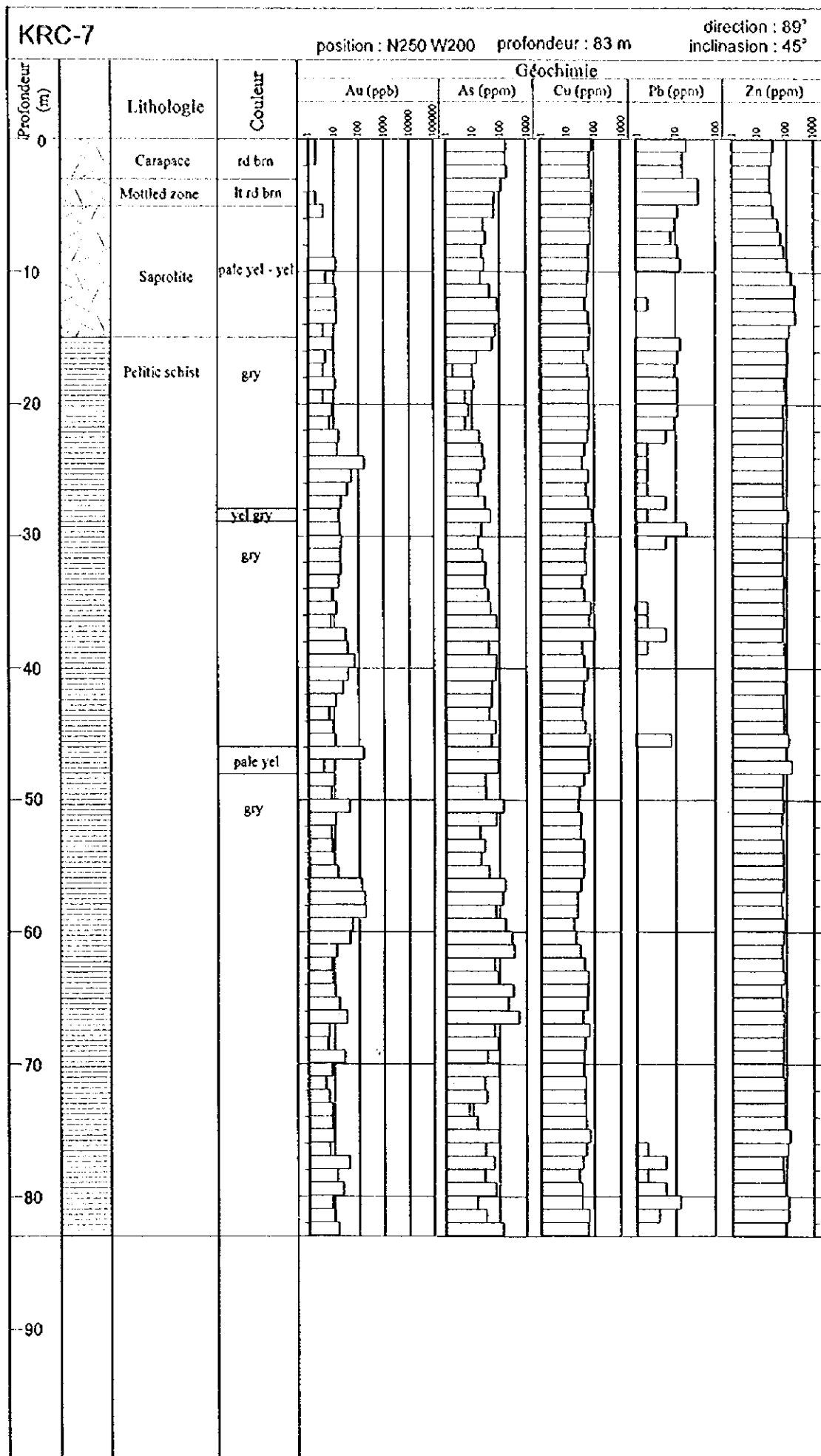
direction : 269°  
inclinaison : 45°



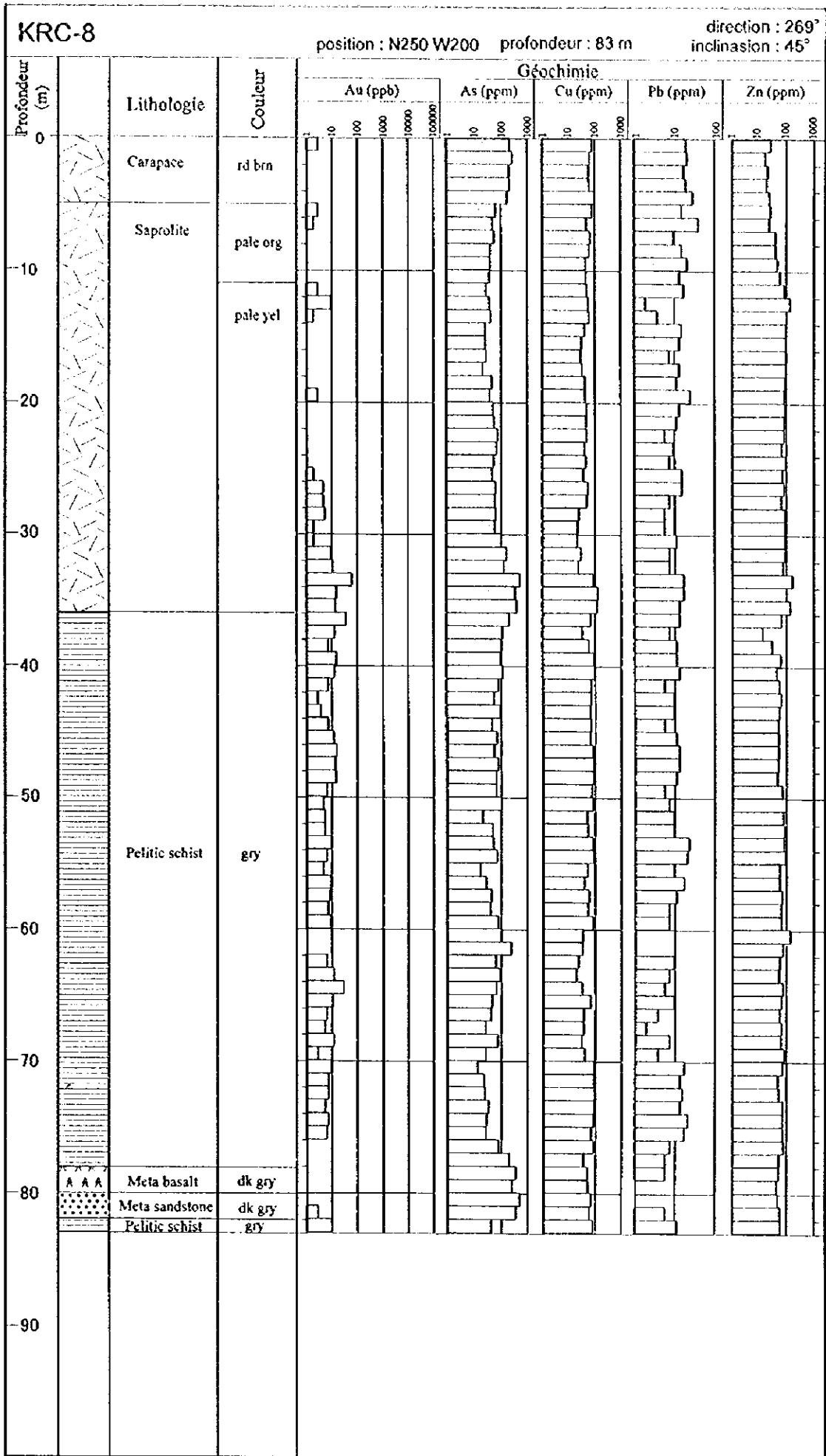
Apc.5 Colonne des sondages de KRC-1 à KRC-16 (7)



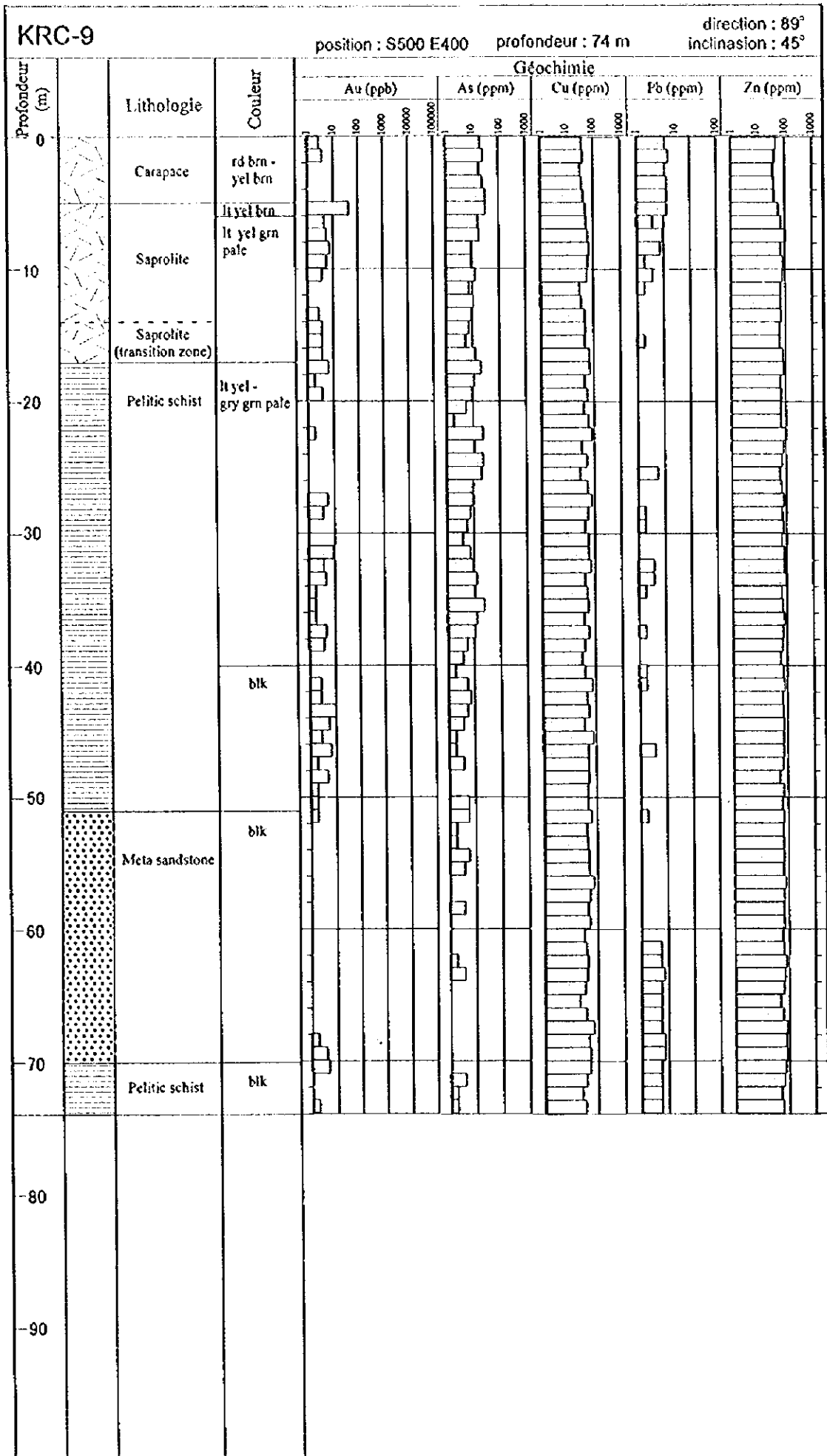
Ap.5 Colonne des sondages de KRC-1 à KRC-16 (8)



Ap.5 Colonne des sondages de KRC-1 à KRC-16 (9)

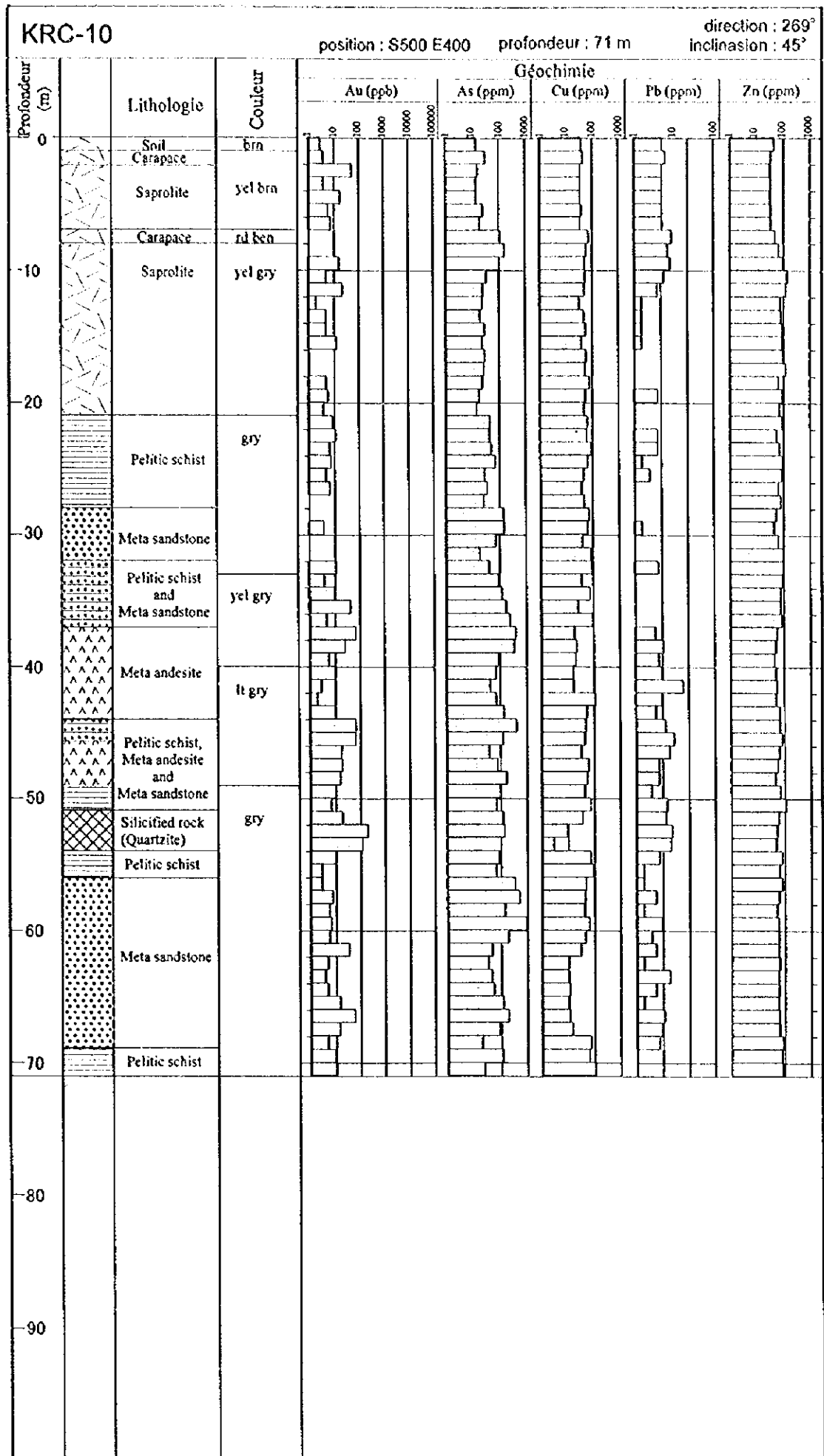


Apc.5 Colonne des sondages de KRC-1 à KRC-16 (10)

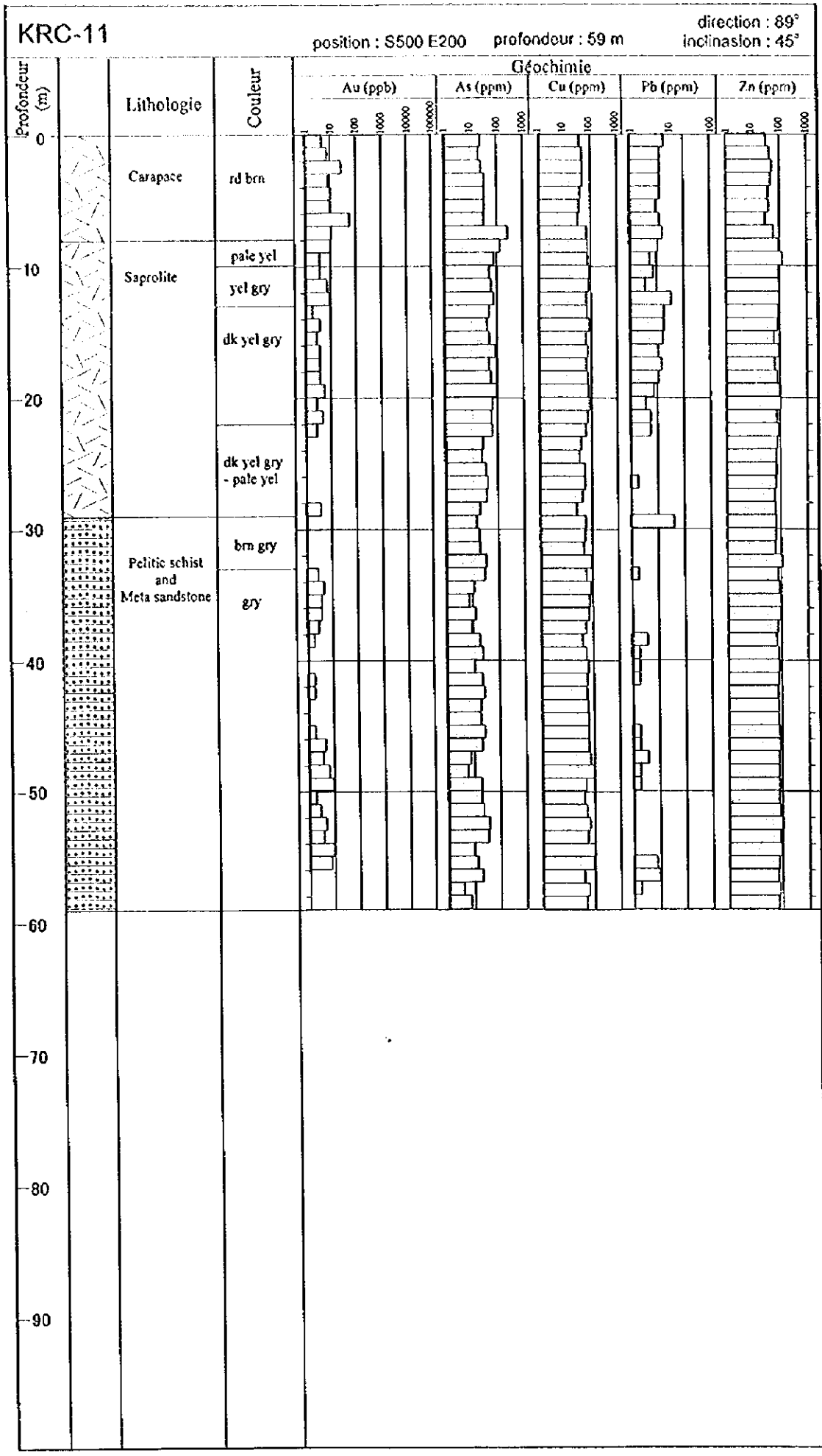


Apc.5 Colonne des sondages de KRC-1 à KRC-16 (11)

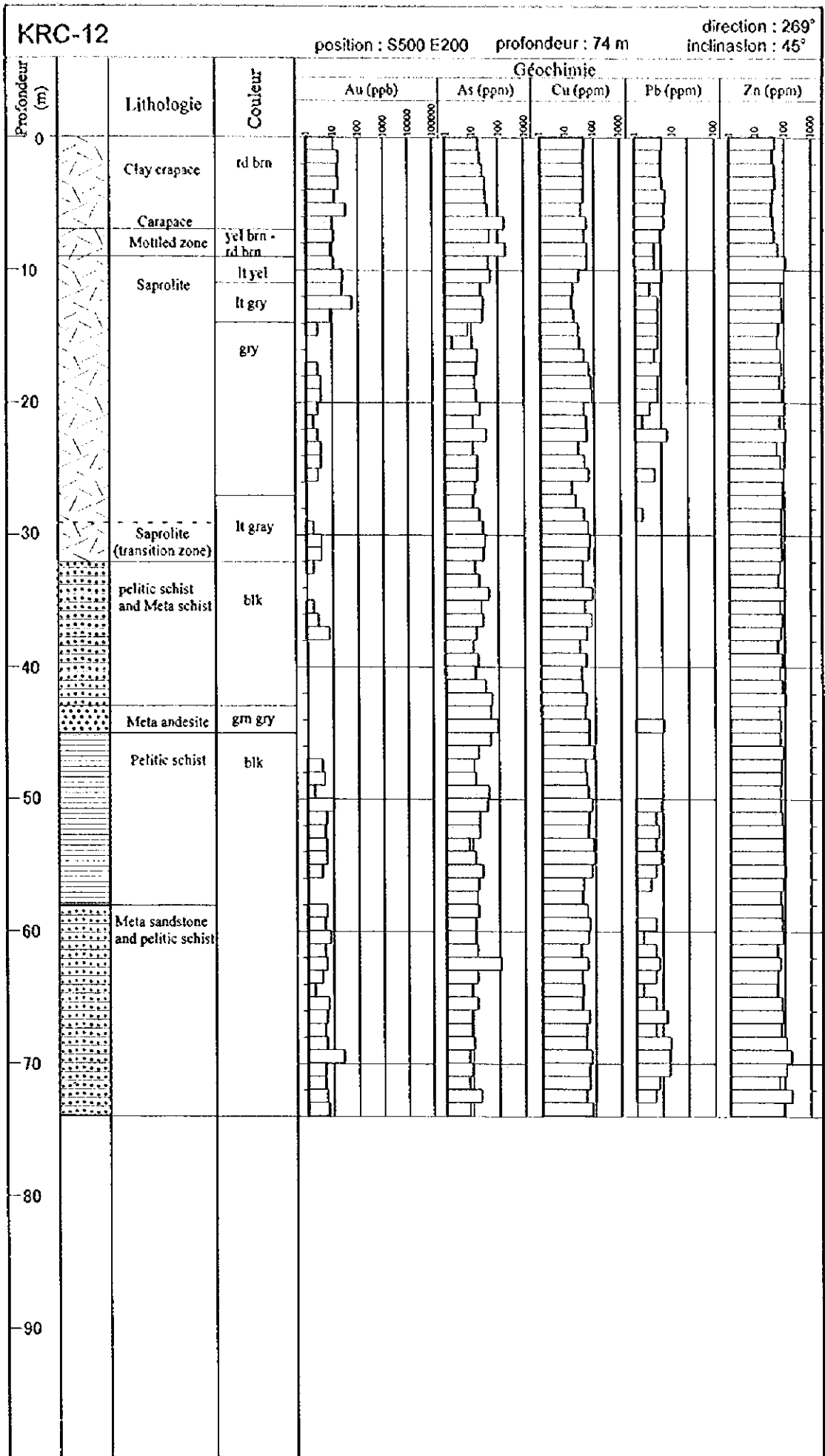




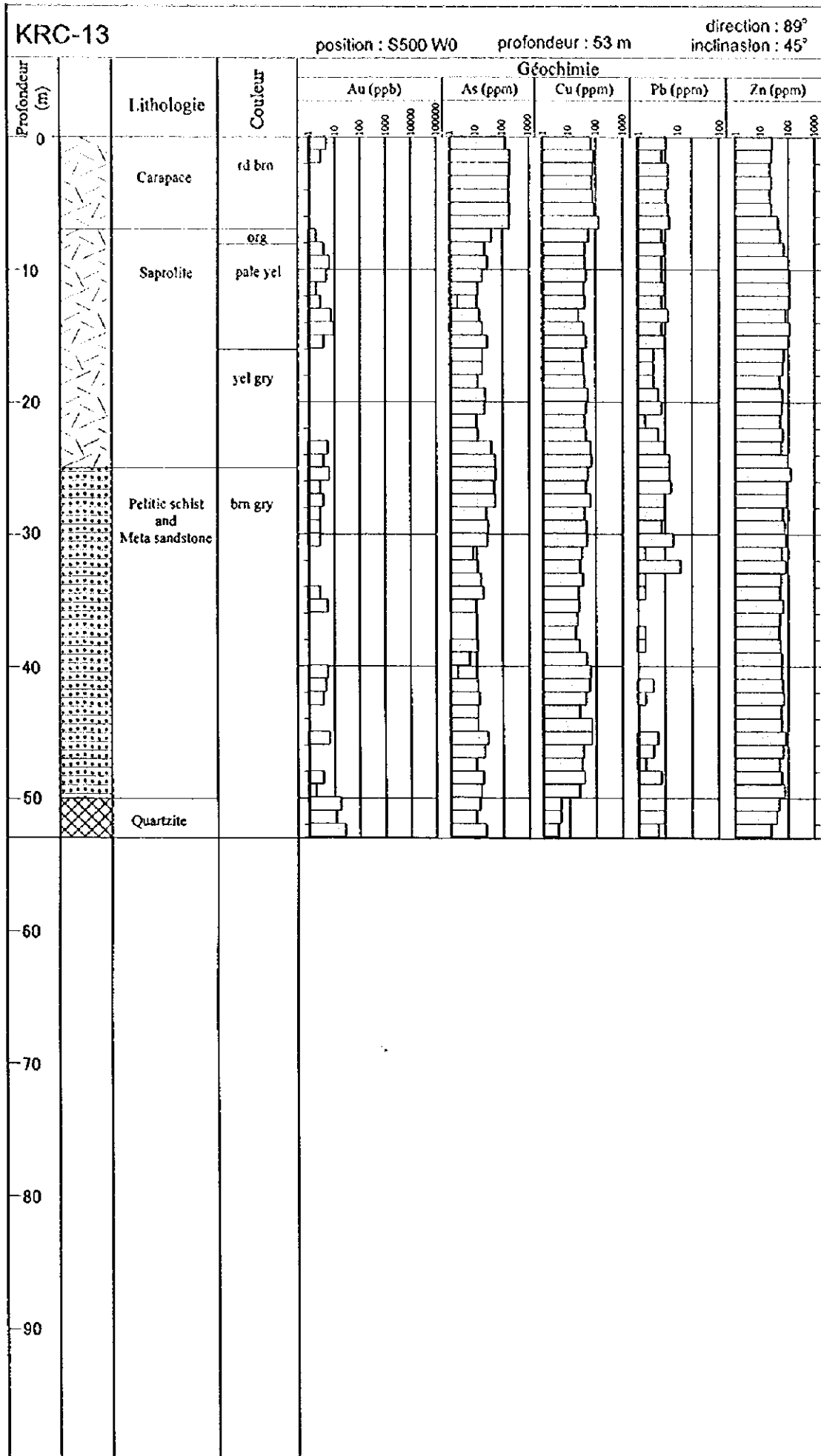
Apc.5 Colonne des sondages de KRC-1 à KRC-16 (12)



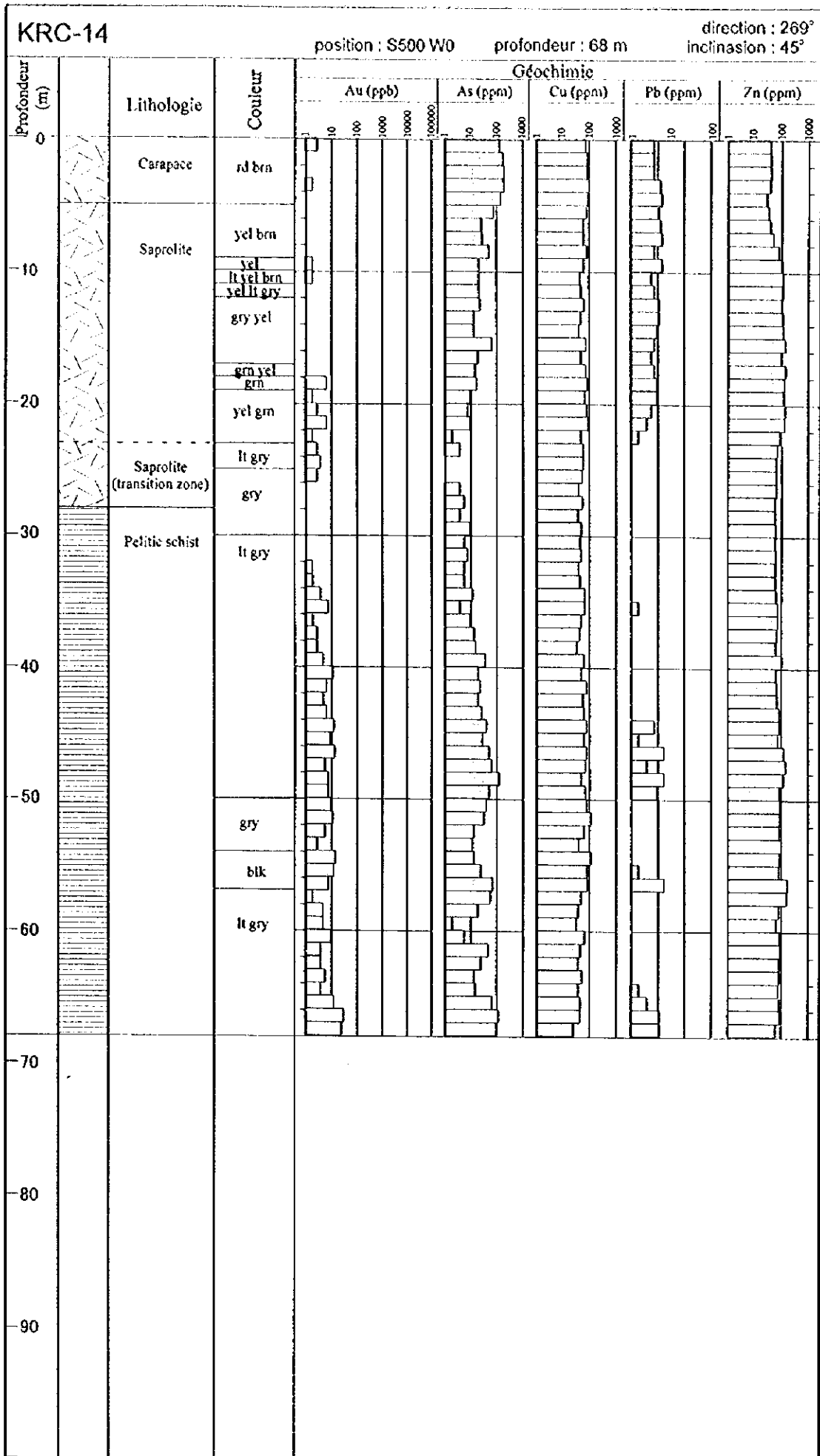
Apc.5 Colonne des sondages de KRC-1 à KRC-16 (13)



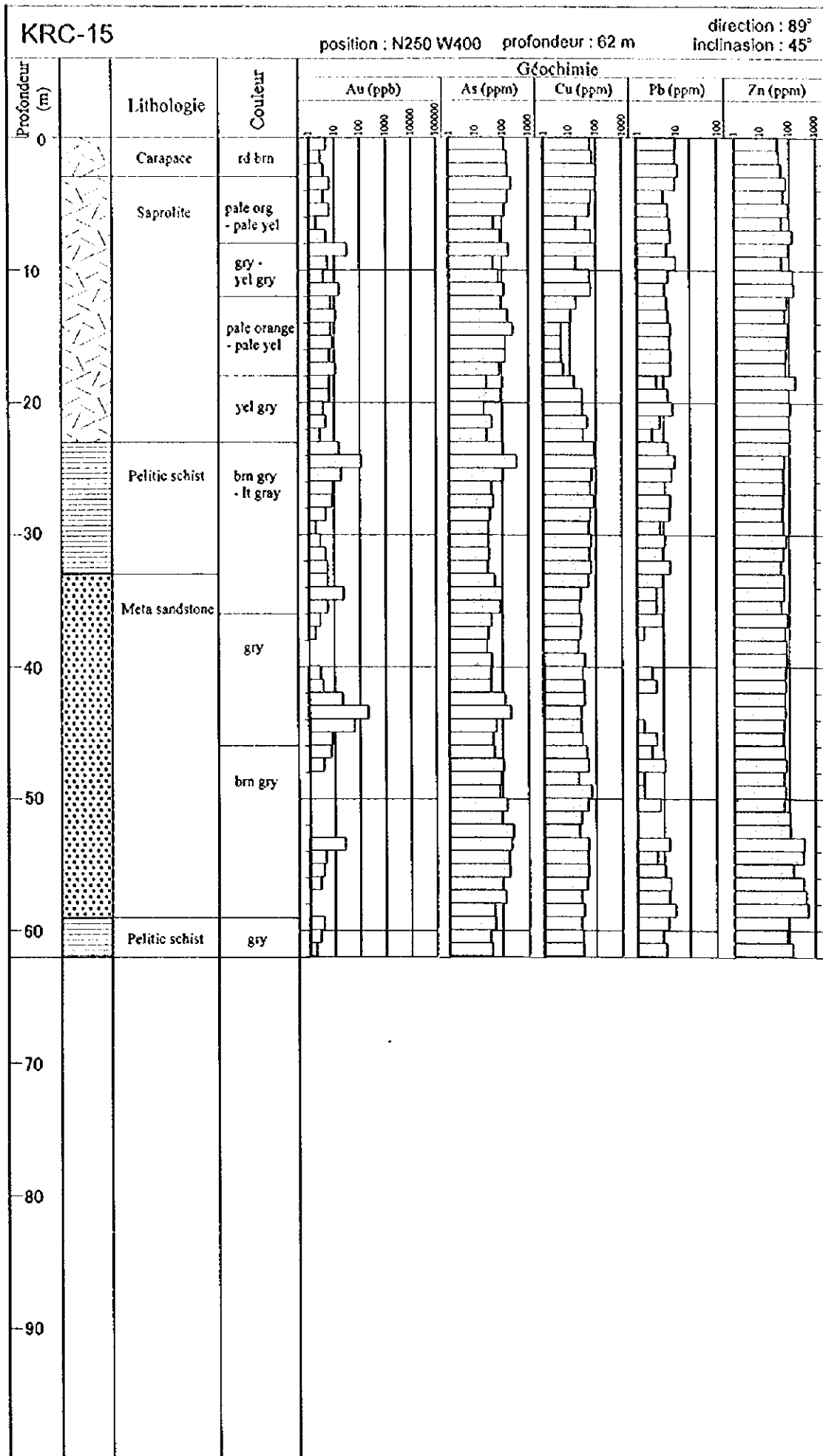
Apc.5 Colonne des sondages de KRC-1 à KRC-16 (14)



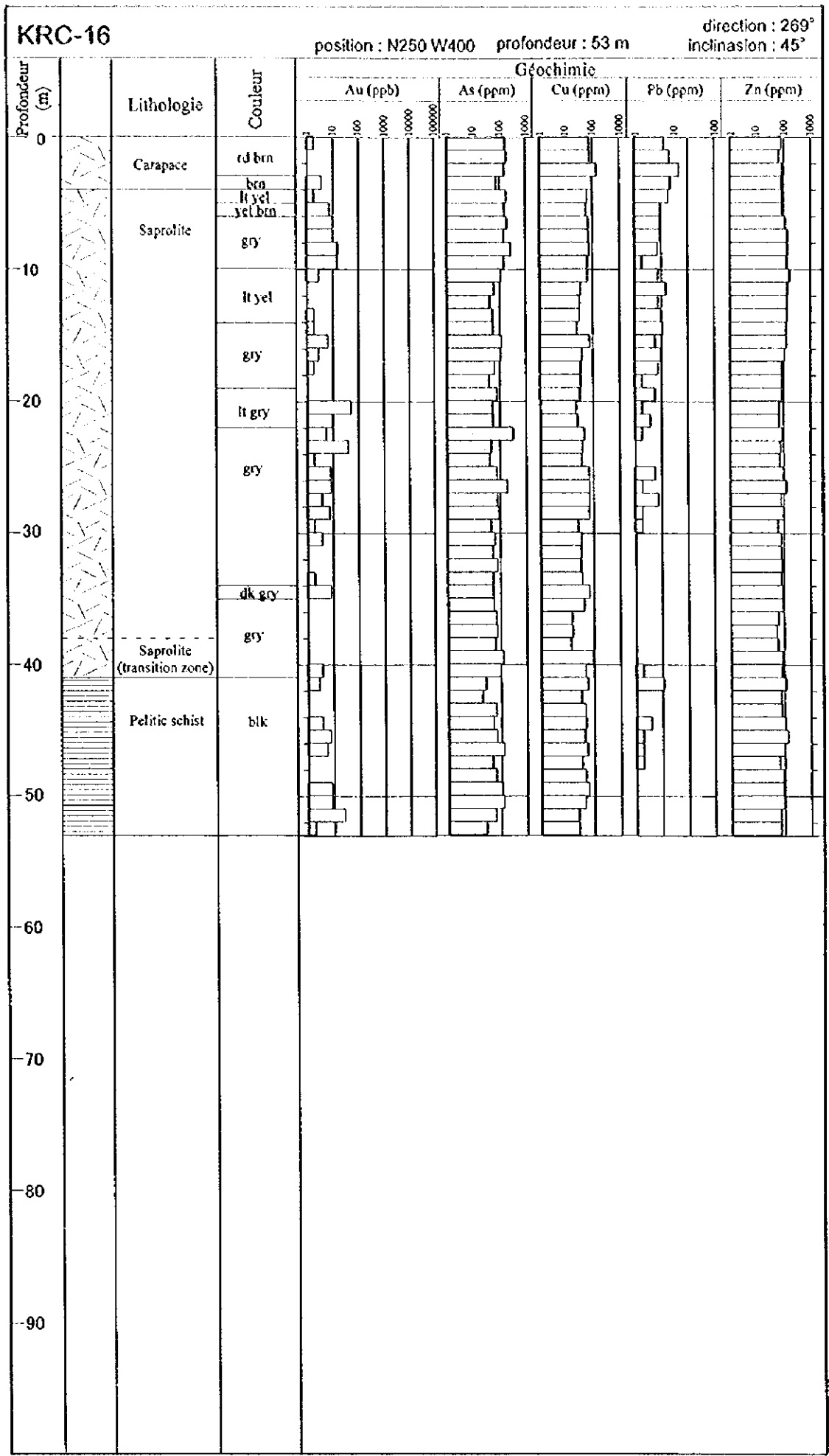
Apc.5 Colonne des sondages de KRC-1 à KRC-16 (15)



Apc.5 Colonne des sondages de KRC-1 à KRC-16 (16)



Apc.5 Colonne des sondages de KRC-1 à KRC-16 (17)



Apc.5 Colonne des sondages de KRC-1 à KRC-16 (18)  
 a - 99





**Apc.6 Résultat d'observation microscopique en lames minces**



### Sample list of Thin section(T)

Prospect	Sample No.	T	Occerence and field name	Determined rock name by microscope	UTM Coord.	
					Easting	Northing
Kekoro W	field B-002	T		weakly metamorphosed granite	708.189	1,307.251
Kekoro W	field B-006	T	m grnd diolite	weakly metamorphosed granite	707.499	1,307.262
Kekoro W	field C-005	T	Actinolite rich diolite	metabasite or amphibolite	709.908	1,309.222
Kekoro W	field C-009	T	dolerite	diorite ~ microgabbro	708.975	1,313.738
Kekoro W	field C-020	T	silicified rhyolite	metamorphised dacite (?)	707.183	1,312.769
Kekoro W	field C-029	T	dacite B	microgabbro	702.705	1,312.345
Kekoro W	field C-062	T	dolerite	microgabbro ~ gabbro	708.895	1,313.490
Kekoro W	field C-063	T	dolerite	microdiorite ~ microgabbro	708.188	1,313.052
Kekoro W	field C-064	T	schist	schistose sandstone	708.222	1,313.311
Kekoro W	field H-003	T	granodiorite	metagranite	708.845	1,309.960
Kekoro W	field H-019	T	rhyolite	cataclastic metagranite	710.288	1,314.216
Kekoro W	field H-025	T	felsic schist	phyllitic sandstone	707.954	1,310.755
Kekoro W	field H-029	T	aprite	leucocratic granite	708.234	1,311.626
Kekoro W	field H-038	T	pelitic schist	phyllite	710.845	1,310.536
Kekoro W	field H-043	T	pelitic schist	phyllite-semischist	710.135	1,313.428
Kekoro W	field H-044	T	felsic schist	biotite-quartz schist	707.896	1,310.606
Kekoro W	field H-048	T	meta sandstone	biotite-quartz schist	709.992	1,313.291
Kekoro W	field K-017	T	granodiorite	weakly altered biotite granite	709.137	1,314.736
Kekoro W	field K-033	T	tourmaline sandstone	tourmaline schist	707.434	1,310.514
Kekoro W	field K-038	T		meta two-mica granite	709.444	1,310.480
Kekoro W	field K-041	T	granodiorite	hornblende-biotite granite	703.245	1,308.835
Kekoro W	field M-010	T	felsic schist	sandstone-semischist	706.997	1,313.277
Kekoro W	field U-011	T	dolerite	microgabbro-gabbro	710.374	1,307.228
Kekoro W	field U-015	T	dacite C	metamorphosed dacite	708.547	1,307.745
Kekoro W	field U-022	T	quartzite	meta quartzite	706.608	1,307.778
Kekoro W	field U-023	T	diorite	altered diorite	706.563	1,307.778
Kekoro W	field U-044	T	altered dacite	black semischist	708.318	1,312.749
Kekoro W	field U-048	T	diolite	altered gabbro (?)	708.471	1,312.622
Kekoro W	field U-053	T	tonalite	weakly altered biotite granite	708.376	1,311.748
Kekoro W	field U-054	T	dacite porphyry	biotite andesite ~ dacite	708.356	1,311.748
Kekoro W	field U-006	T	meta sandstone	dolerite ~ microgabbro	708.852	1,310.915
Kekoro W	field U-008	T	meta sandstone	dolerite ~ microgabbro	708.860	1,311.415
Kekoro E	field C-100	T	C-48, medium grained gabbro	microgabbro ~ gabbro	717.385	1,312.132
Kekoro E	field C-034	T	coarse grained meta-sandstone, black colored	biotite hornfels or semischist	716.909	1,311.398
Kekoro E	field C-39	T	sandstone schist, light gray	biotite-chloritoid hornfels	716.800	1,311.152
Kekoro E	field C-46	T	meta-sandstone, black colored, biotite rich, with quartz fragments	biotite hornfels	717.025	1,310.994
Kekoro E	field C-53	T	fine grained meta-sandstone, black colored	biotite semischist	716.729	1,312.405
Kekoro E	field C-54	T	fine grained dolerite, dark gray	microgabbro ~ dolerite	717.263	1,312.377
Sagala	field RSB-0E	T	fine grained diorite with pyrite dissemination	amphibolite schist(?)	690.256	1,325.780
Sagala	field RSC-1000W	T	black colored fine grained rock	microgabbro-dolerite	689.260	1,326.020
Sagala	field RSC-550E	T	coarse grained meta-sandstone, black colored, biotite rich	amphibolite	690.810	1,325.989
Sagala	field RSF-700E	T	meta-sandstone	biotite-muscovite hornfels	690.975	1,326.736
Sagala	field RSH-750W	T	porphyritic hornblende diorite	gabbro	689.535	1,327.265
Sagala	field RSI-550E	T	dolerite (or meta-basalt) ?	meta basite	690.840	1,327.489
Sagala	field RSI-640E	T	medium - coarse grained hornblende biotite granodiorite	granodiorite	690.930	1,327.487
Sagala	field RSM-2150E-1	T	meta-sandstone, black colored	microgabbro-dolerite	692.460	1,328.456
Sagala	field RSM-2500E	T	sandstone schist	biotite-muscovite hornfels	692.810	1,328.449
Sagala	field RSO-1070E	T	fine grained dolerite, or meta-basalt ?	biotite-chlorite hornfels	691.390	1,328.978
Sagala	field RST-50E	T	hornblende diorite	metagabbro	690.395	1,330.248
Sagala	field RSU-800E	T	hornblende biotite granodiorite, outcrop	biotite granite	691.150	1,330.483
Sagala	field RSU-880E	T	xenolith of fine grained basalt	dolerite	691.230	1,330.481
Sagala	field RZG-10	T	meta-sandstone ?, light gray	biotite-hornfels	691.071	1,324.558
Sagala	field RZG-13	T	gabbro, or diorite	metabasite(or amphiborite)	691.179	1,324.431
Sagala	field RZG-17	T	gabbroic rock ?	metabasite	691.379	1,324.427
Sagala	field RZG-2	T	fine grained dolerite ?, meta-volcanics ?	metabasite	691.030	1,325.570
Sagala	field RZG-4	T	psammitic schist	chlorite-muscovite schist	691.038	1,324.884
Sagala	field RZG-5	T	meta-sandstone, black	chlorite-muscovite schist	691.062	1,324.844
Sagala	field RZG-7	T	biotite granodiorite, outcrop	biotite granite	691.033	1,324.659
Sagala	field RZG-8	T	meta-sandstone, black	biotite-muscovite hornfels	691.033	1,324.644
Sagala	field RZG-9	T	coarse grained meta-sandstone, black, with sulfide dissemination	chlorite-muscovite schist ~ semischist	691.182	1,324.606
RC DRILL	KRC1-51	T	dk gry vf meta sandstone, Py, Limo (Fe oxide) stg dism, Py f. - vf. grained, Py along fracture	biotite hornfels(ss-sh)	708.444	1,310.497

### Sample list of Thin section(T)

Prospect	Sample No.	T	Occerence and field name	Determinated rock name by microscope	UTM Coord.
RC DRILL	KRC1-55	T	Chloritized basic rock, dk grn gry, Chl Py rich, Fe oxide rich	metabasite	708.444 1,310.497
RC DRILL	KRC1-65	T	Chloritized basic rock, dk grn gry - blk, Chl, bio?	metabasite or amphiborite	708.444 1,310.497
RC DRILL	KRC2-91	T	Dolerite or Diolite, 91-92m wk chloritization, Py dism and stain slicks Diorite and Meta sandstone, leucocratic	chlorite-muscovite semischist	708.444 1,310.497
RC DRILL	KRC3-57	T	aphanitic rock diorite, dk gry meta sandstone pebble bearing(20%) dk gry - grn Chl (partly flows structure) - pl Diorite, Diorite, dk gry - grn Chl (partly	weakly thermal metamorphosed shale	708.644 1,310.493
RC DRILL	KRC4-58	T	flows structure) - pl Dio, blk Ps clear schistosity Py (tr - 1%) dism and crack stain, rarely slicks developed, wk Limo sulfate dk gry Meta sandstone - pelitic schist, Qtz	silicified(?) andesite	708.644 1,310.493
RC DRILL	KRC7-49	T	Vnlet (<1mm), partly weak sulfide stain, Fe oxide gry fine pelitic schist, Fe oxide along fracture	biotite hornfels	709.044 1,310.487
RC DRILL	KRC7-81	T	Pelitic schist, stg stain - f. grained sulfide dism along fracture and structure (schistosity)	biotite hornfels	709.044 1,310.487
RC DRILL	KRC8-79	T	Meta basalt dk gry meta basalt, wk dism by sulfide	biotite schist	709.044 1,310.487
RC DRILL	KRC10-41	T	Meta andesite, blk Meta andesite, c. grained, Fe oxide, very wk dism by sulfide(Py) stain, very wk dism by sulfide(Py) stain	meta andesite	708.432 1,309.747
RC DRILL	KRC10-52	T	Silicified rock(Quartzite), gry silicified rock, m. - wk dism by f. grained sulfide (Py, dk gry Meta sandstone wk dism by sulfide	metamorphosed silicious tuff(?)	708.432 1,309.747
RC DRILL	KRC10-59	T	(stain) along fracture, tourmaline alt stg Quartzite gry - trp Quartzite very wk dism	metadiorite or metaporphyrite	708.432 1,309.747
RC DRILL	KRC13-50	T	by Py, Fe oxide	silicified dacite or tuff	708.831 1,309.740
RC DRILL	KRC14-53	T	lt gry - blk pelitic schist, Meta dacite, including Fe film	tuffaceous sandstone hornfels	708.831 1,309.740
RC DRILL	KRC14-67	T	blk mica schist with Fe film along structure of schistosity, Py dism, ???blk pelitic schist	metaandesite or metaandesitic tuff	708.831 1,309.740
RC DRILL	KRC15-35	T	dk gry Meta f. sandstone, wk schistoseous Qtz grain (1mm) bearing	arenaceous sandstone hornfels	709.244 1,310.483

Ap. 6 Résultat d'observation microscopique en lames minces  
Result of the microscopic observation

Prospect	Sample number	Rock name	Quartz	Alkali feldspar	Plagioclase	Biotite	Muscovite	Hornblende	Augite	Hyperssthene	Olivine	Apatite	Zircon	Splinel	Opaque minerals	Epidote	Actinolite	Tremolite	Garnet	Sphene	Tourmaline	Chlorite	Sericite	Smectite	Calcite	Rock fragment
1	Kekoro W B-2	weakly metamorphosed granite	+++	++	++	+	+					(+)	(+)		(+)							(+)				
2	Kekoro W B-6	weakly metamorphosed granite	+++	++	++	+	+					(+)	(+)		(+)					(+)			(+)			
3	Kekoro W C-5	metabasite of amphibolite			+				+			(+)	(+)		(+)											
4	Kekoro W C-9	diorite ~ microgabbro			+++	(+)	+		++			(+)	(+)		(+)								(+)			
5	Kekoro W C-20	metamorphised dacite (?)	++	+	+++	+	+		++			(+)	(+)		(+)											
6	Kekoro W C-29	microgabbro			+++	(+)	+		++			(+)	(+)		(+)											
7	Kekoro W C-62	microgabbro ~ gabbro			+++	(+)	+		++			(+)	(+)		(+)											
8	Kekoro W C-63	microdiorite ~ microgabbro			+++	+	+		++			(+)	(+)		(+)											
9	Kekoro W C-64	schistose sandstone	+++		+	+			++			(+)	(+)		(+)											
10	Kekoro W H-3	metagranite	+++	+	++	+	+		++			(+)	(+)		(+)											
11	Kekoro W H-19	cataclastic metagranite	+++	+	++	+	+		++			(+)	(+)		(+)											
12	Kekoro W H-25	phyllitic sandstone	++	+	++	+	+		++			(+)	(+)		(+)											
13	Kekoro W H-29	leucocratic granite	+++	+	++	(+)	+		++			(+)	(+)		(+)											
14	Kekoro W H-38	phyllite	++		+	+	+		++			(+)	(+)		(+)											
15	Kekoro W H-43	phyllite-semischist	+++	+	++	+	+		++			(+)	(+)		(+)											
16	Kekoro W H-44	biotite-quartz schist	+++	(+)	++	+	+		++			(+)	(+)		(+)											
17	Kekoro W H-48	biotite-quartz schist	+++	+	++	+	+		++			(+)	(+)		(+)											
18	Kekoro W K-17	weakly altered biotite granite	+++	++	++	+	+		++			(+)	(+)		(+)						+++					
19	Kekoro W K-33	tourmaline schist	+++		++	+	+		++			(+)	(+)		(+)											
20	Kekoro W K-38	meta two-mica granite	+++	++	++	+	+		++			(+)	(+)		(+)											
21	Kekoro W K-41	hornblende-biotite granite	++	+	++	+	+		++			(+)	(+)		(+)											
22	Kekoro W M-10	sandstone-semischist	++	+	++	+	+		++			(+)	(+)		(+)											
23	Kekoro W U-11	microgabbro-gabbro			+++	+	+		++			(+)	(+)		(+)											
24	Kekoro W U-15	metamorphosed dacite	++		+++	+	+		++			(+)	(+)		(+)											
25	Kekoro W U-22	meta quartzite	+++	(+)	+	(+)	+		++			(+)	(+)		(+)											
26	Kekoro W U-23	altered diorite	+	+	+++		+		++			(+)	(+)		(+)											
27	Kekoro W U-44	black semischist	++		(+)				++			(+)	(+)		(+)											
28	Kekoro W U-48	altered gabbro (?)	+		+++	+	+		++			(+)	(+)		(+)											
29	Kekoro W U-53	weakly altered biotite granite	+++	++	++	+	+		++			(+)	(+)		(+)											
30	Kekoro W U-54	biotite andesite ~ dacite	++	+	++	+	+		++			(+)	(+)		(+)											
31	Kekoro W U-6	dolerite ~ microgabbro			+++	(+)	+		+++			(+)	(+)		(+)											
32	Kekoro W U-8	dolerite ~ microgabbro			+++	(+)	+		+++			(+)	(+)		(+)											
33	Kekoro E C-100	microgabbro ~ gabbro			+++	+	+		+++			(+)	(+)		(+)											
34	Kekoro E C-34	biotite hornfels or semischist	+++		++	+++	+		++			(+)	(+)		(+)											
35	Kekoro E C-39	biotite-chloritoid hornfels	+		+	+++	+		++			(+)	(+)		(+)											
36	Kekoro E C-46	biotite hornfels	+++		++	++	+		++			(+)	(+)		(+)											
37	Kekoro E C-53	biotite semischist	++	+	++	++	+		++			(+)	(+)		(+)											
38	Kekoro E C-54	microgabbro ~ dolerite			+++	+	+		++			(+)	(+)		(+)											

+++ : abundant (>30%), ++ : common (10-30%), + : little (1-10%), (+) : rare (<1%)

Ap. 6 Résultat d'observation microscopique en lames minces  
Result of the microscopic observation

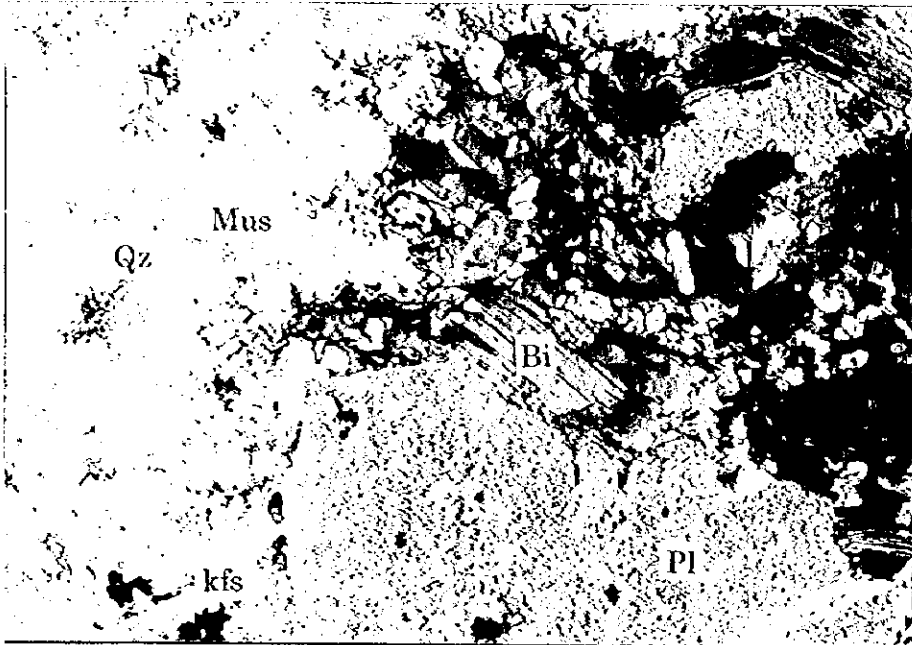
Prospect	Sample number	Rock name	Quartz	Alkali feldspar	Plagioclase	Biotite	Muscovite	Hornblende	Augite	Hypersilene	Olivine	Apatite	Zircon	Spinel	Opaque minerals	Epidote	Actinolite	Tremolite	Garnet	Sphene	Tourmaline	Chlorite	Sericite	Smectite	Cacite	Rock fragment	Rutile	
39	Sagala	RSB-0E																										
40	Sagala	RSC-1000W																										
41	Sagala	RSC-550E																										
42	Sagala	RSF-700E																										
43	Sagala	BSH-750W																										
44	Sagala	RSI-550E																										
45	Sagala	RSI-640E																										
46	Sagala	RSM-2150E-1																										
47	Sagala	RSM-2500E																										
48	Sagala	RSO-1070E																										
49	Sagala	RST-50E																										
50	Sagala	RSU-800E																										
51	Sagala	RSU-880E																										
52	Sagala	RZG-10																										
53	Sagala	RZG-13																										
54	Sagala	RZG-17																										
55	Sagala	RZG-2																										
56	Sagala	RZG-4																										
57	Sagala	RZG-5																										
58	Sagala	RZG-7																										
59	Sagala	RZG-8																										
60	Sagala	RZG-9																										
61	RC DRILL	KRC1-51																										
62	RC DRILL	KRC1-55																										
63	RC DRILL	KRC1-65																										
64	RC DRILL	KRC2-91																										
65	RC DRILL	KRC3-57																										
66	RC DRILL	KRC4-58																										
67	RC DRILL	KRC7-49																										
68	RC DRILL	KRC7-81																										
69	RC DRILL	KRC8-79																										
70	RC DRILL	KRC10-41																										
71	RC DRILL	KRC10-52																										
72	RC DRILL	KRC10-59																										
73	RC DRILL	KRC13-50																										
74	RC DRILL	KRC14-53																										
75	RC DRILL	KRC14-67																										
76	RC DRILL	KRC15-35																										

+++ : abundant (>30%), ++ : common (10-30%), + : little (1-10%), (+) : rare (<1%)

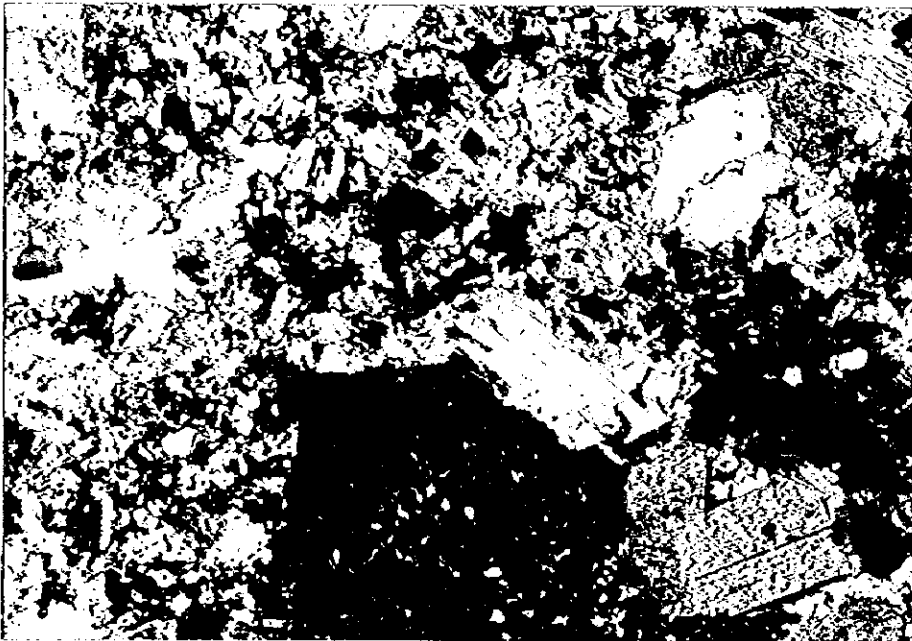








open nichols



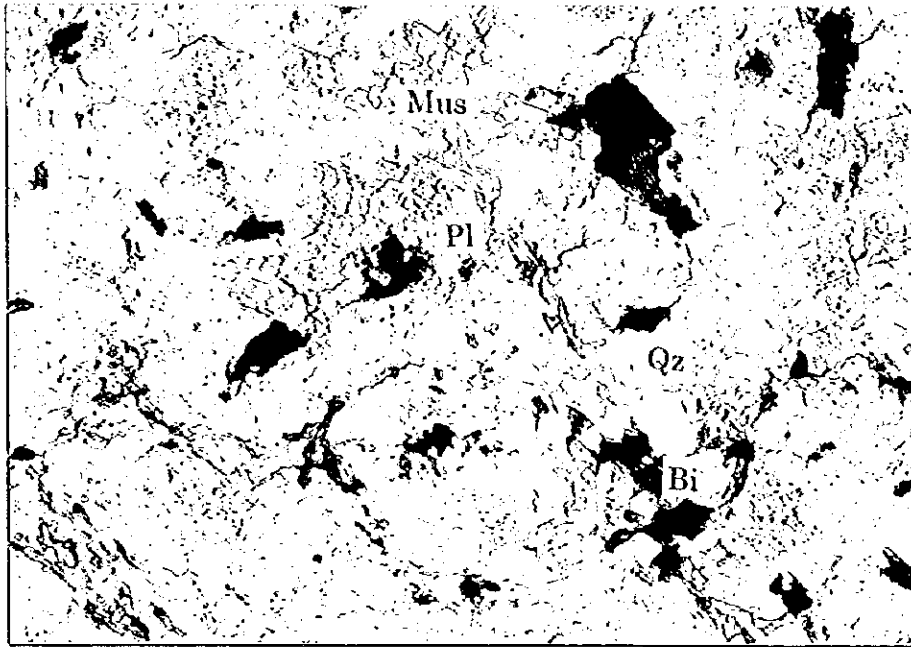
cross nichols

Scale 0.2mm

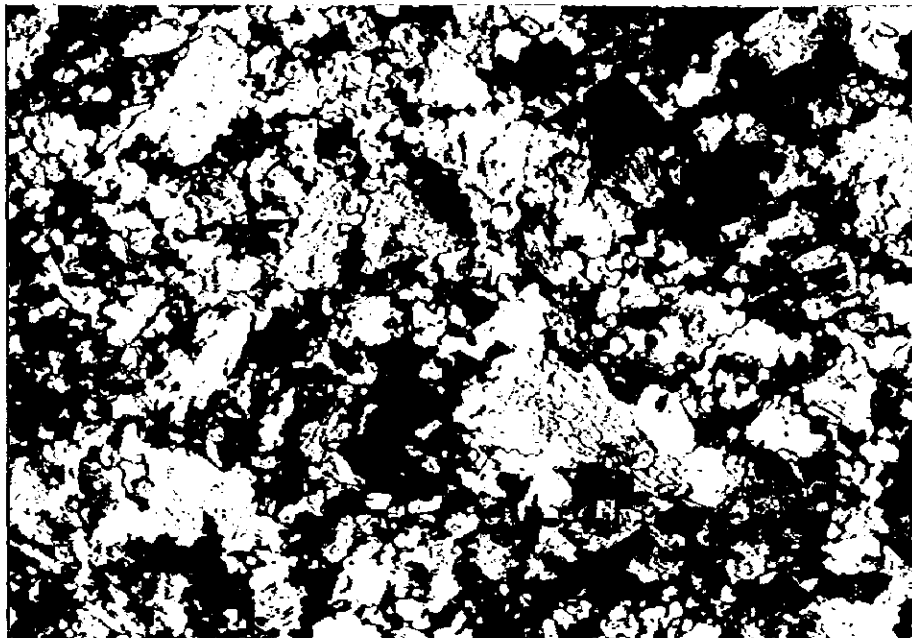
Qz : quartz  
 Pl : plagioclase  
 Mus : muscovite  
 Bi : biotite  
 kfs : K-feldspar

Sample Number	B-6
Rock Name	weakly metamorphosed granite
Prospect	Kekoro W
Occurrence	field






open nichols



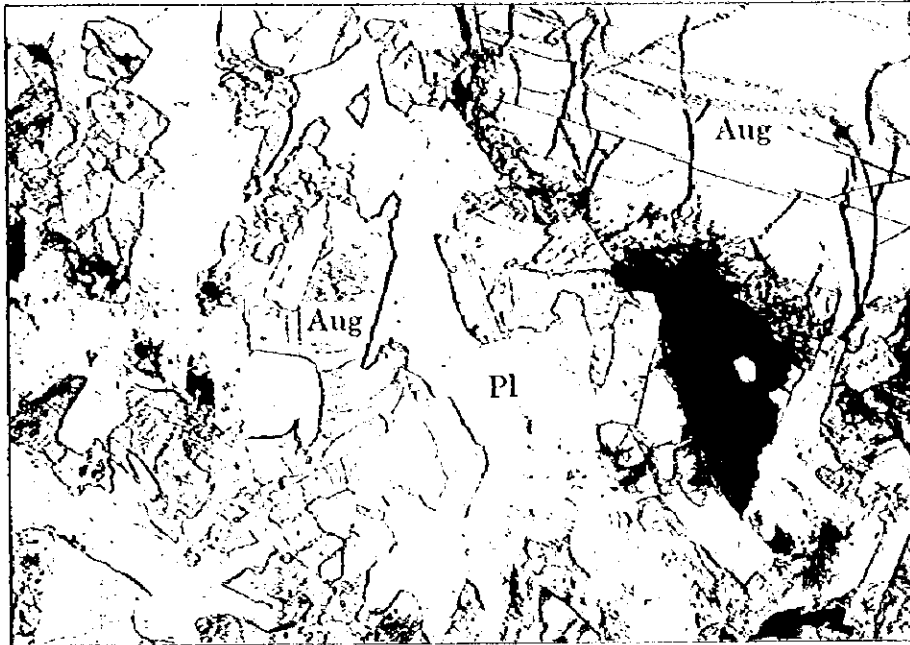
cross nichols

Scale  0.2mm

Qz : quartz  
 Pl : plagioclase  
 Mus : muscovite  
 Bi : biotite

Sample Number	C-20
Rock Name	metamorphosed dacite
Prospect	Kekoro W
Occurrence	field





open nichols



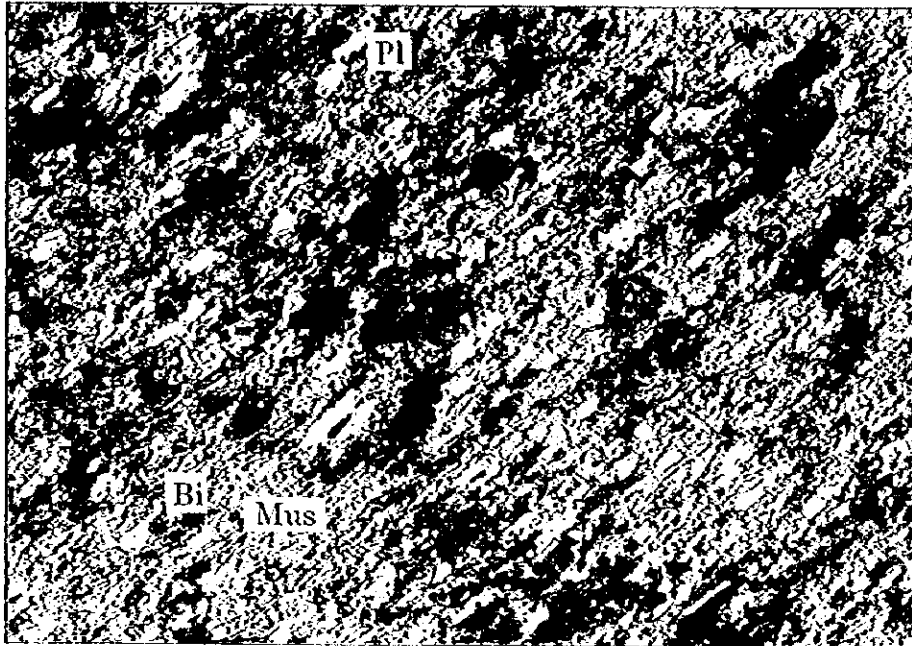
cross nichols

Scale 0.2mm

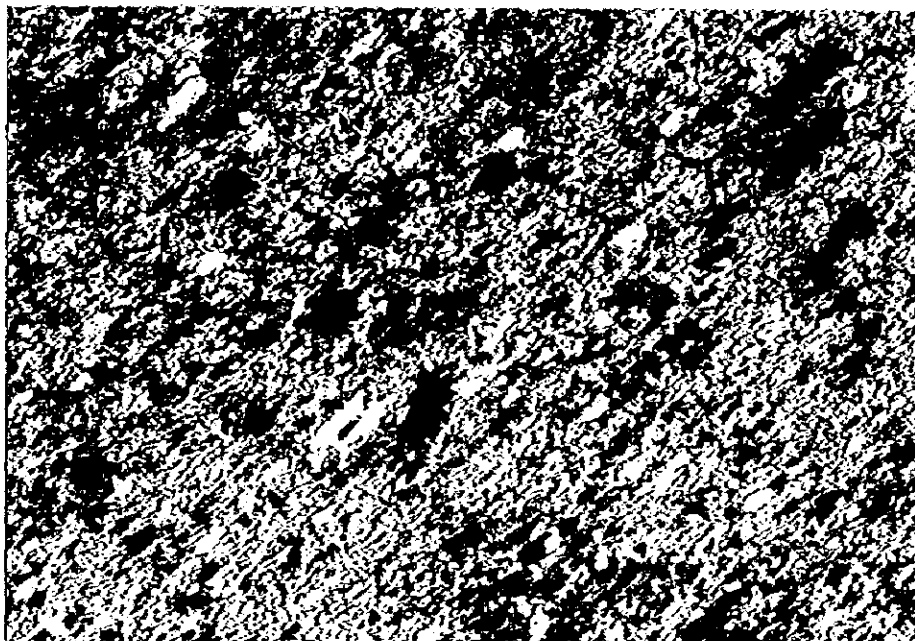
Pl : plagioclase  
 Bi : biotite  
 Aug : Augite

Sample Number	C-29
Rock Name	microgabbro
Prospect	Kekoro W
Occurrence	field






open nichols



cross nichols

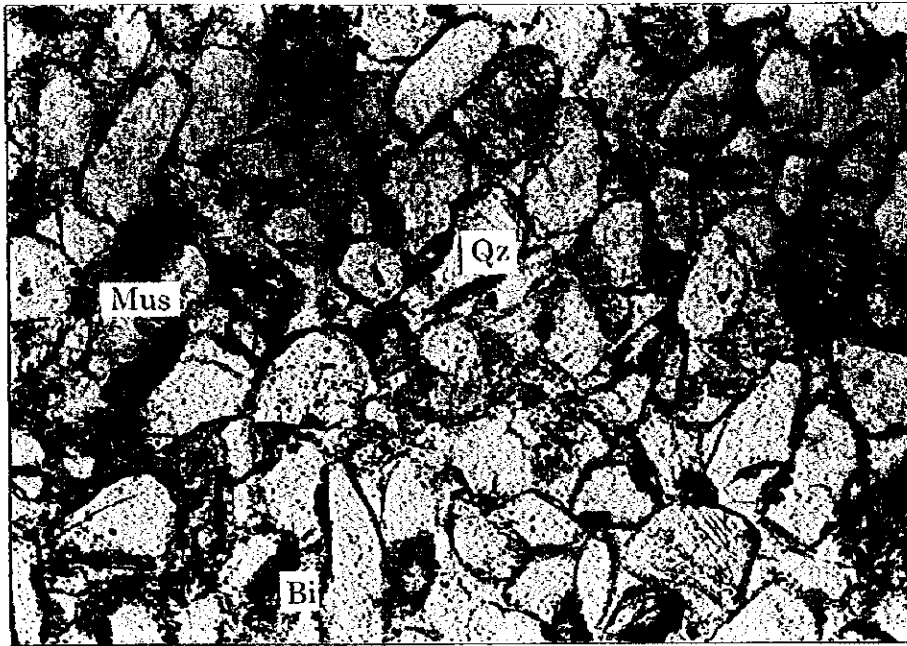
Scale  0.2mm

Qz : quartz  
 Mus : muscovite  
 Bi : biotite

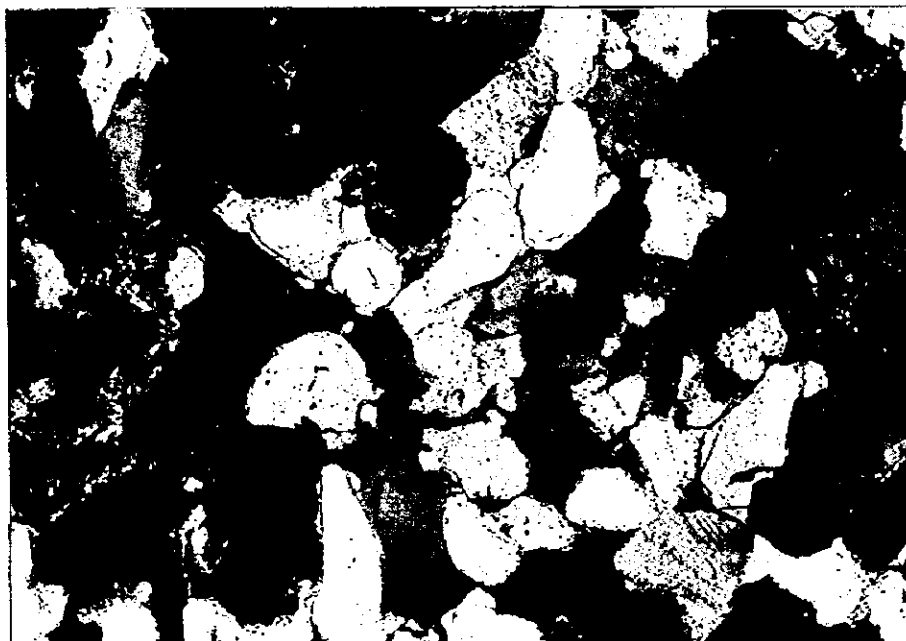
Sample Number	H-38
Rock Name	phyllite
Prospect	Kekoro W
Occurrence	field







open nichols



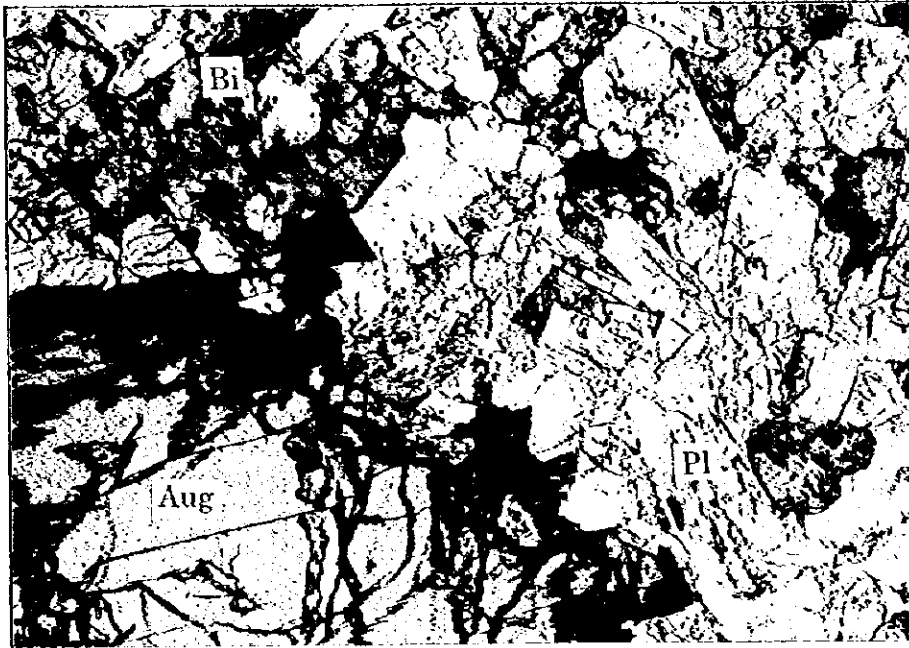
Scale **0.2mm**

cross nichols

Qz : quartz  
 Mus : muscovite  
 Bi : biotite

Sample Number	U-22
Rock Name	metaquartzite
Prospect	Kekoro W
Occurrence	field





open nichols



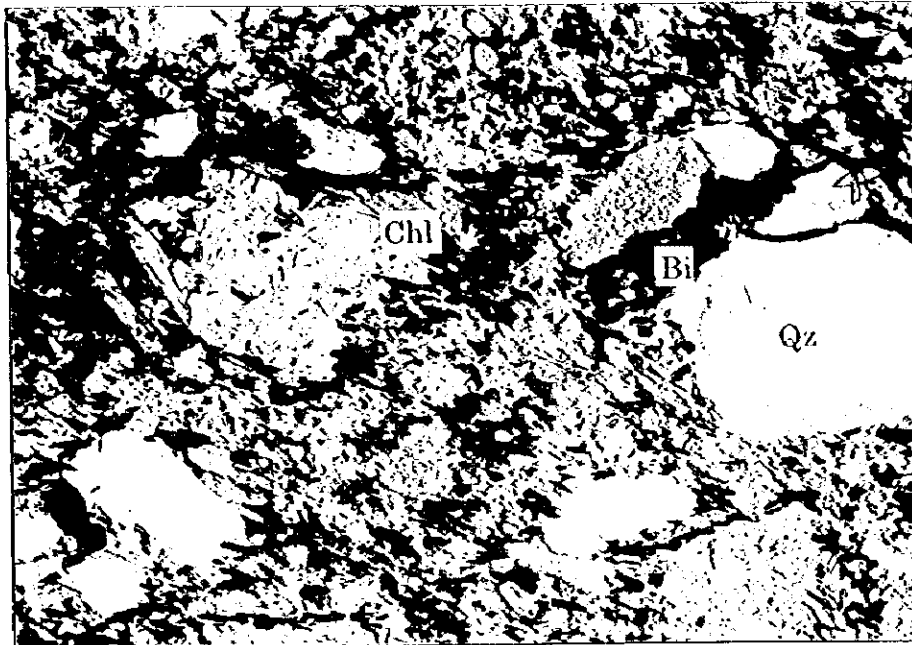
cross nichols

Scale 0.2mm

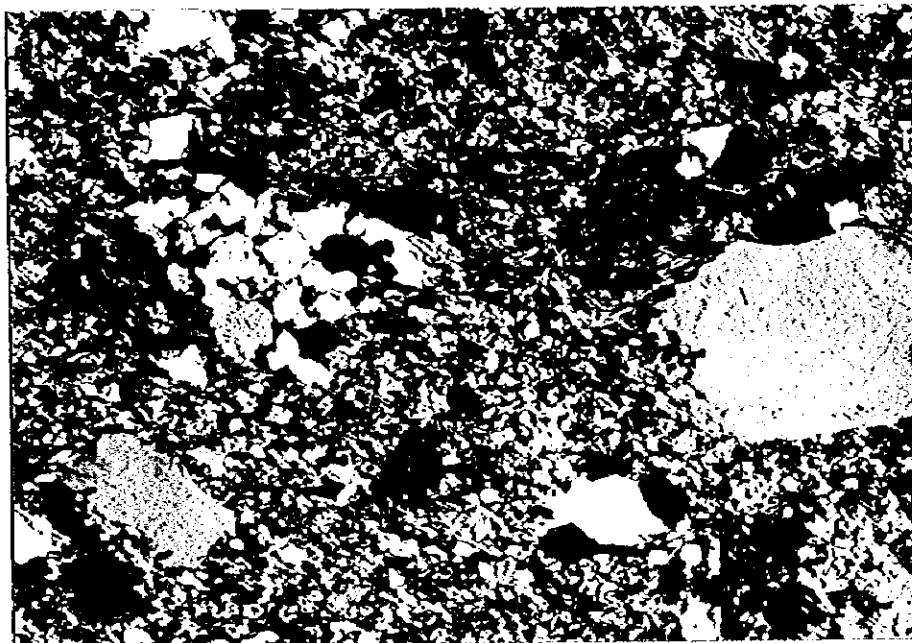
Pl : plagioclase  
 Aug : augite  
 Bi : biotite

Sample Number	C-100
Rock Name	microgabbro
Prospect	Kekoro E
Occurrence	field





open nichols



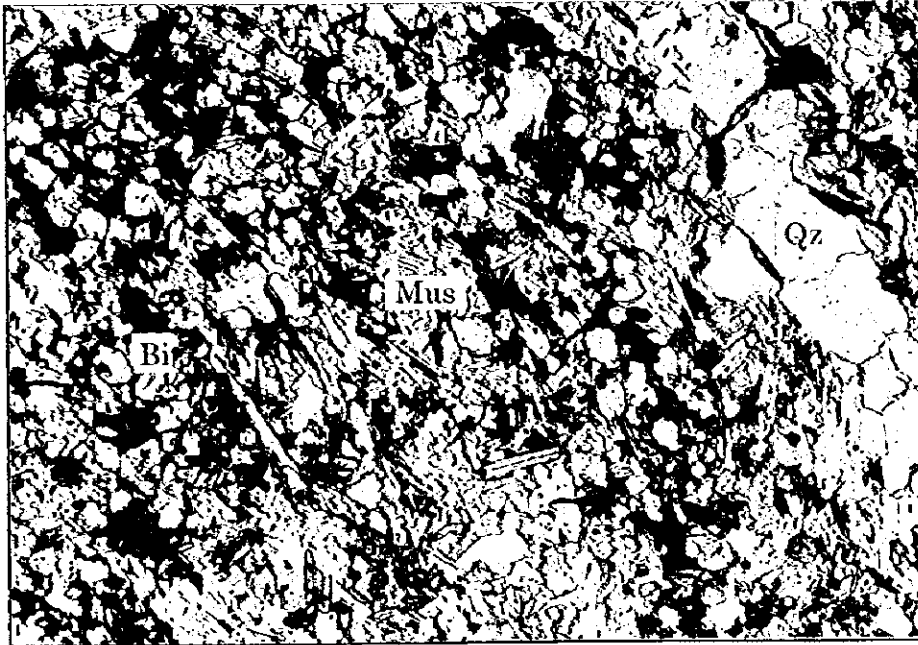
cross nichols

Scale 0.2mm

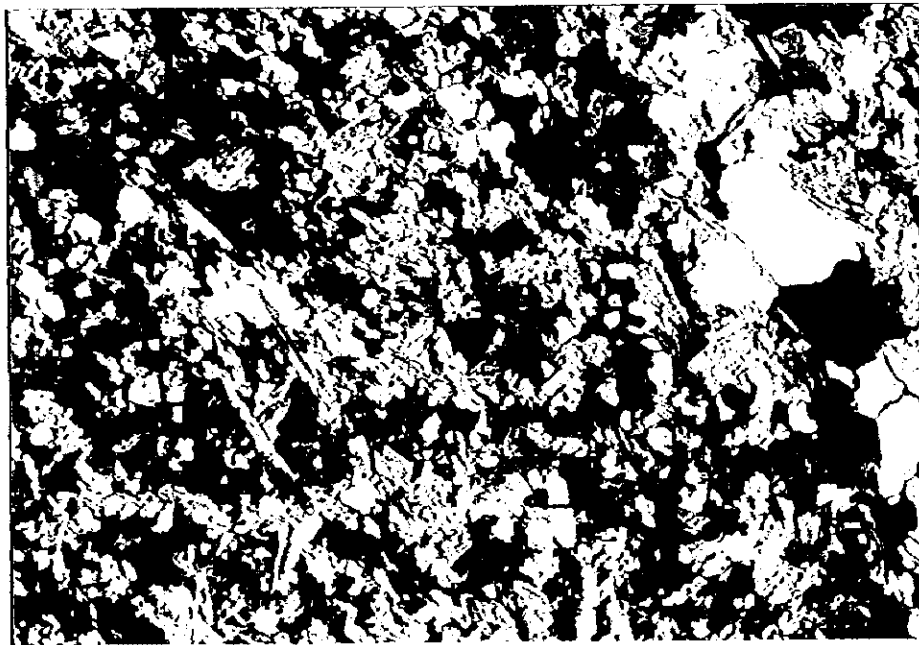
Pl : plagioclase  
 Qz : quartz  
 Bi : biotite

Sample Number	C-53
Rock Name	semischist
Prospect	Kekoro E
Occurrence	field





open nichols



cross nichols

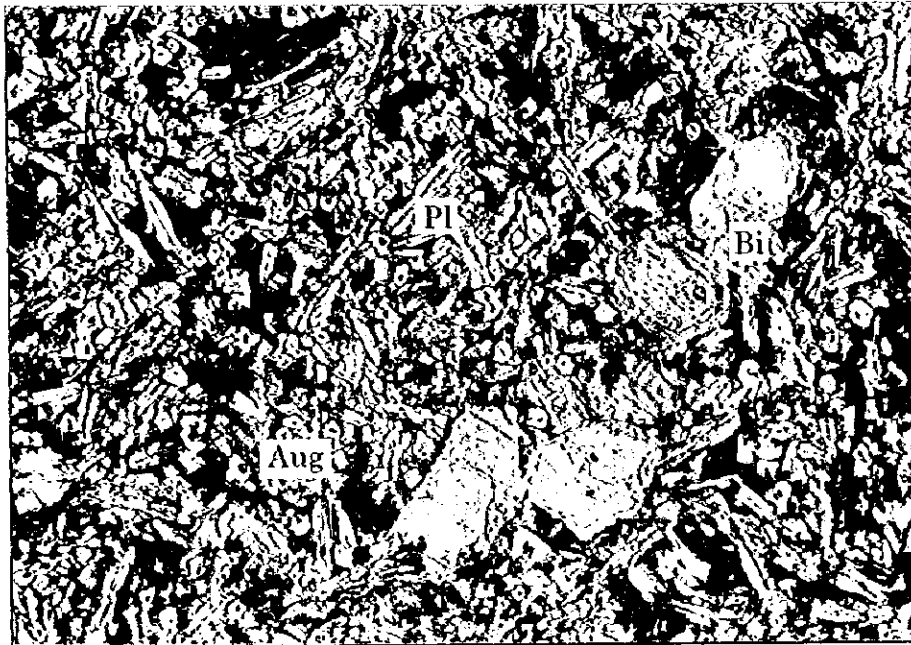
Scale 0.2mm

Qz : quartz  
 Bi : biotite  
 Mus : muscovite

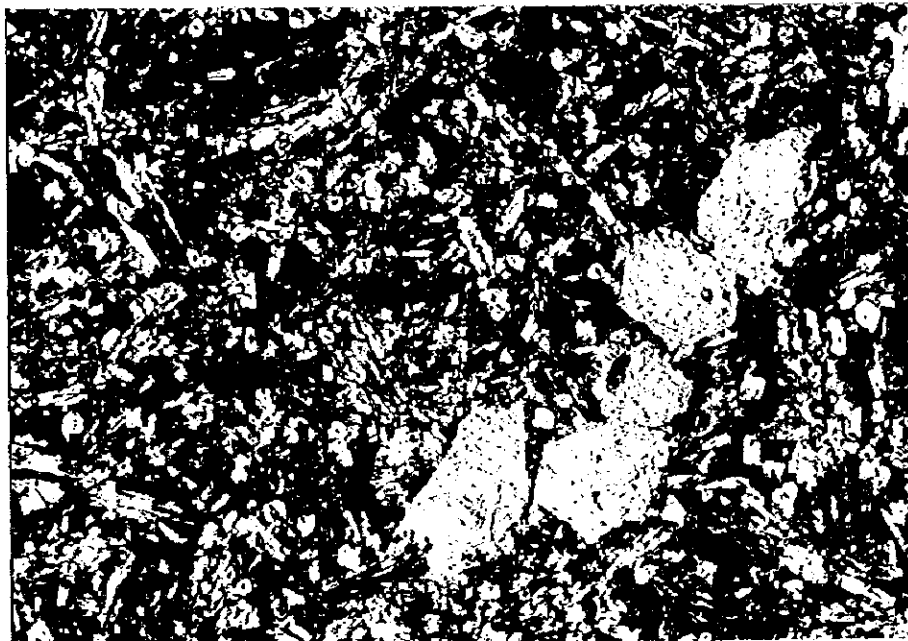
Sample Number	RSM-2500E
Rock Name	biotite-muscovite hornfels
Prospect	Sagala
Occurrence	field







open nichols



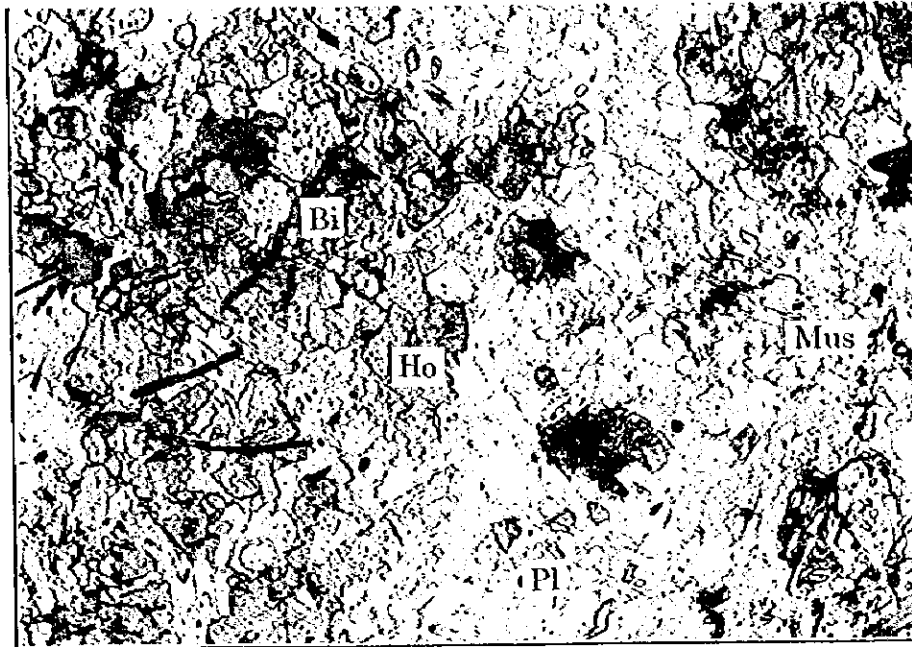
cross nichols

Scale **0.2mm**

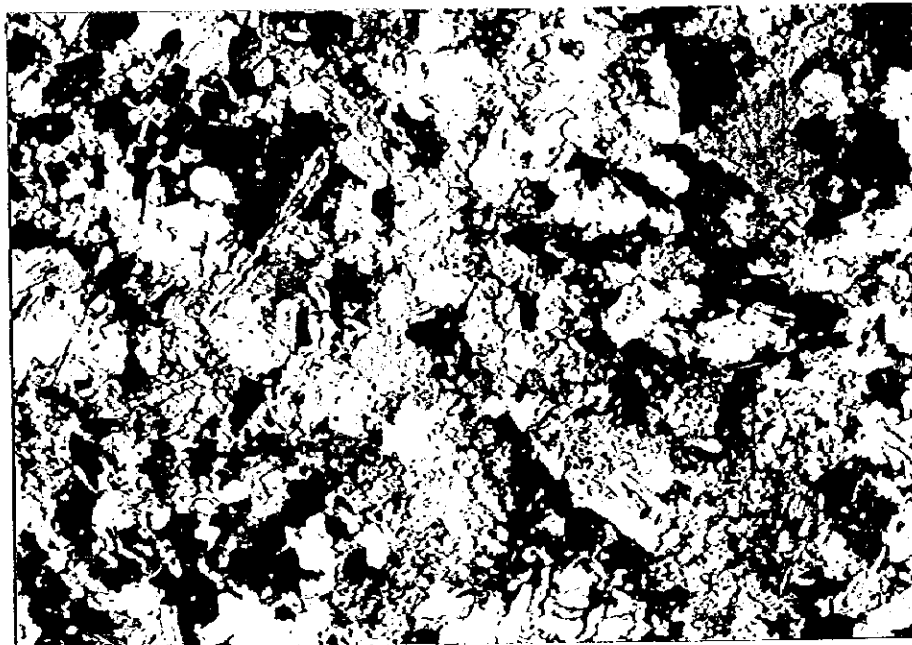
Pl : plagioclase  
 Bi : biotite  
 Aug : Augite

Sample Number	RSU-880E
Rock Name	dolerite
Prospect	Sagala
Occurrence	field





open nichols



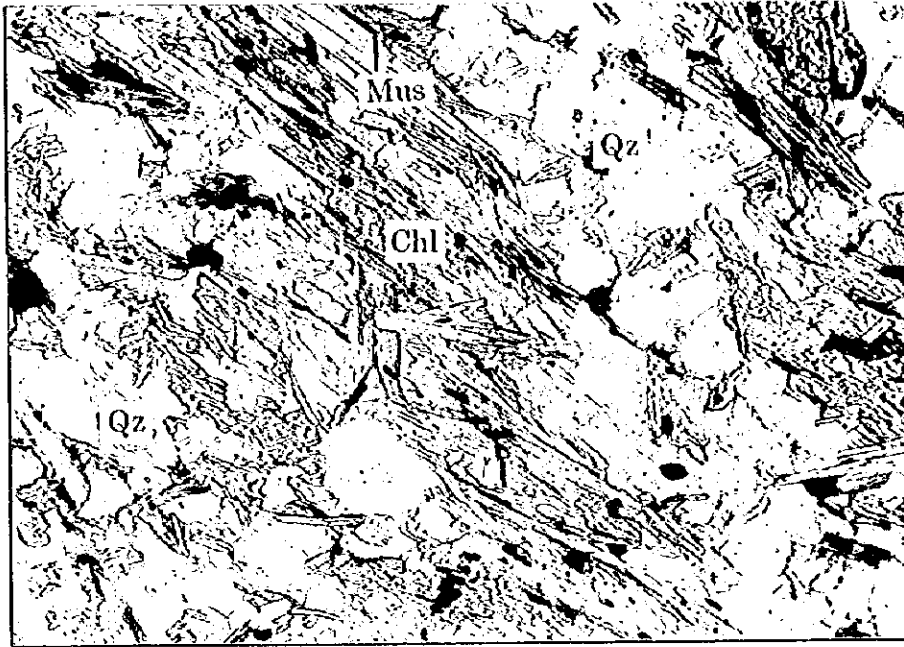
cross nichols

Scale 0.2mm

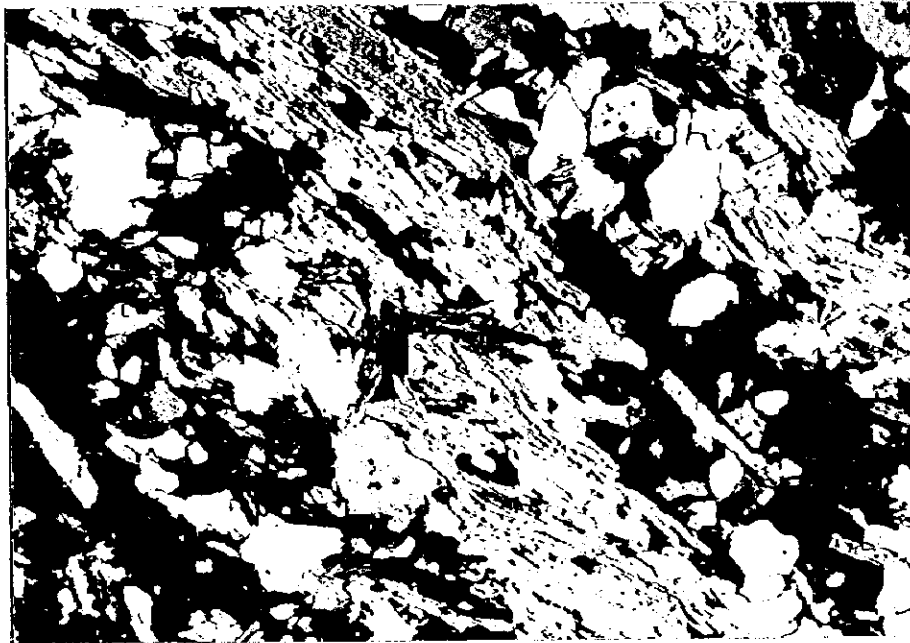
Qz : quartz  
 Pl : plagioclase  
 Ho : hornblend  
 Bi : biotite

Sample Number	RZG-17
Rock Name	metabasite
Prospect	Sagala
Occurrence	field





open nichols



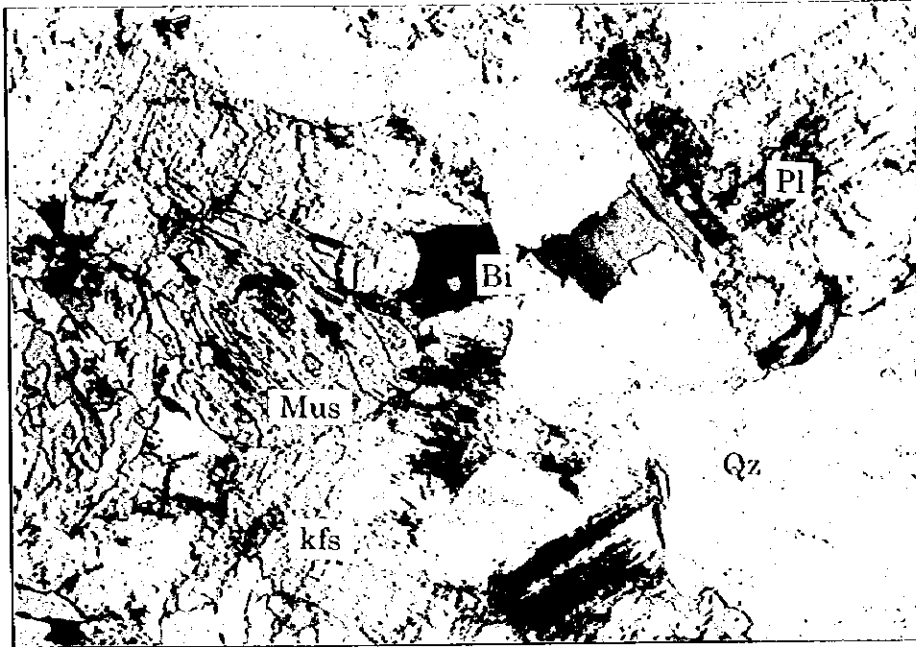
cross nichols

Scale 0.2mm

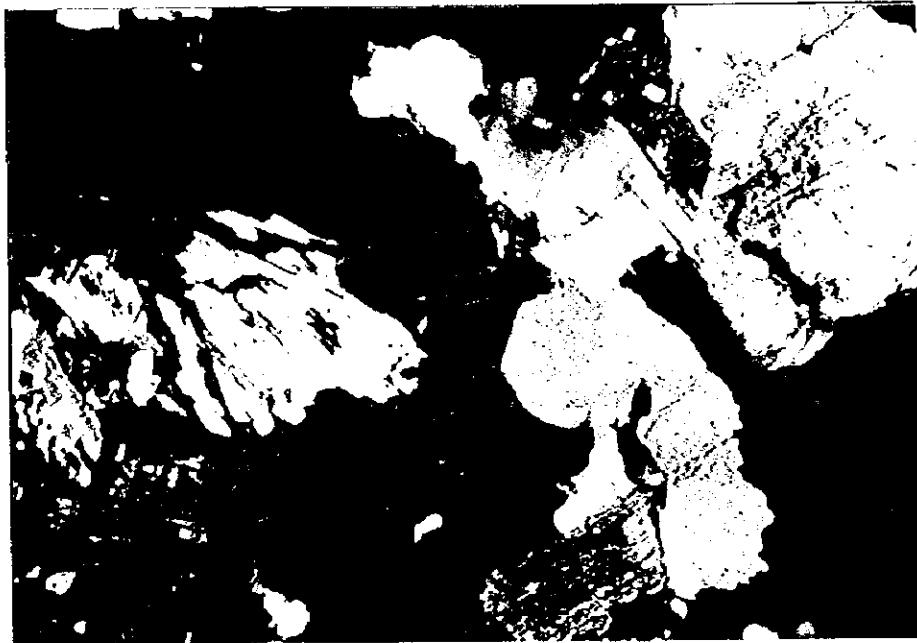
Qz : quartz  
 Mus : plagioclase  
 Chl : chlorite

Sample Number	RZG-4
Rock Name	chlorite-muscovite schist
Prospect	Sagala
Occurrence	field





open nichols



cross nichols

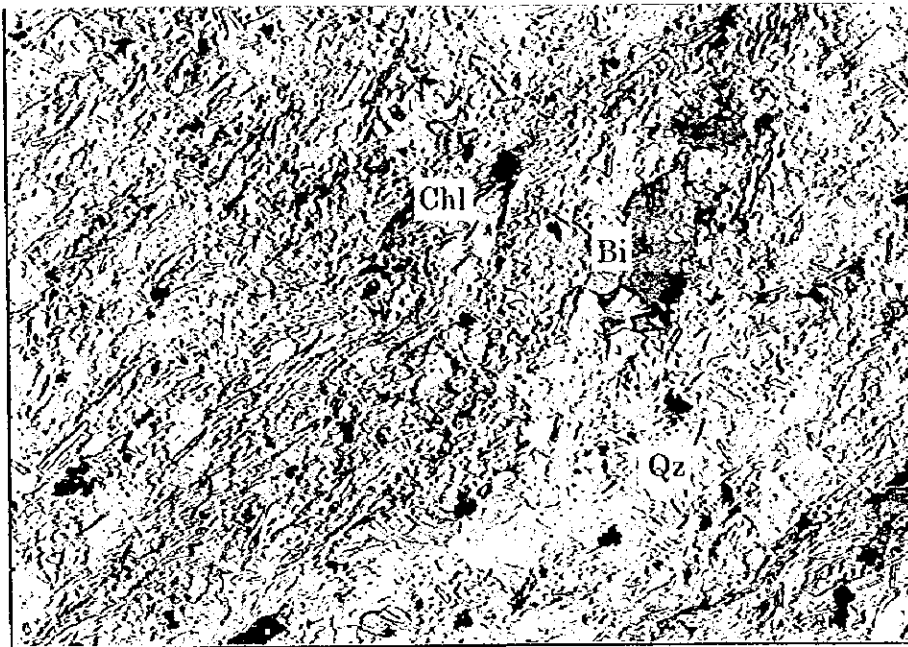
Scale **0.2mm**

Qz : quartz  
 Pl : plagioclase  
 Mus : muscovite  
 Bi : biotite  
 kfs : K-feldspar

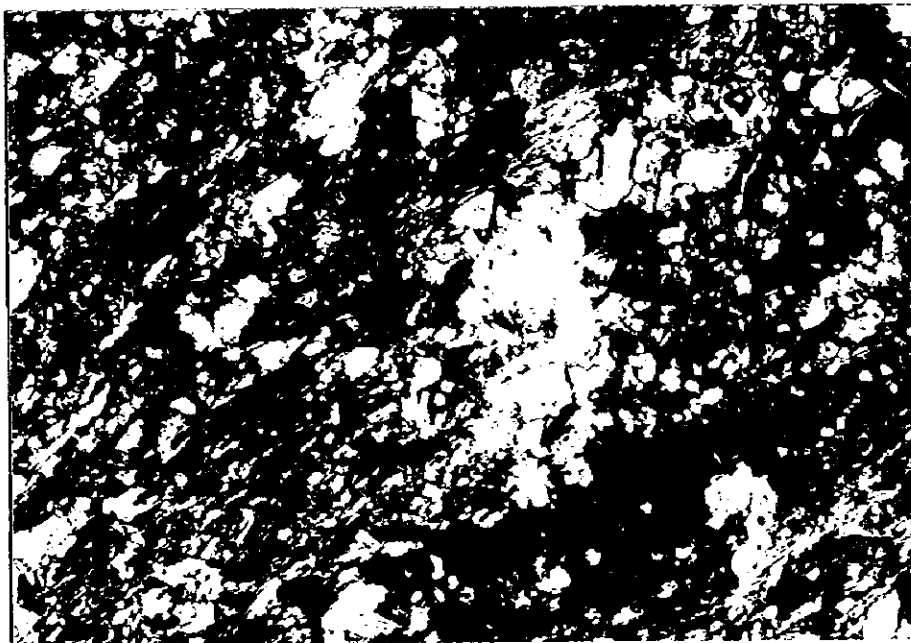
Sample Number	RZG-7
Rock Name	biotite granite
Prospect	Sagala
Occurrence	field







open nichols



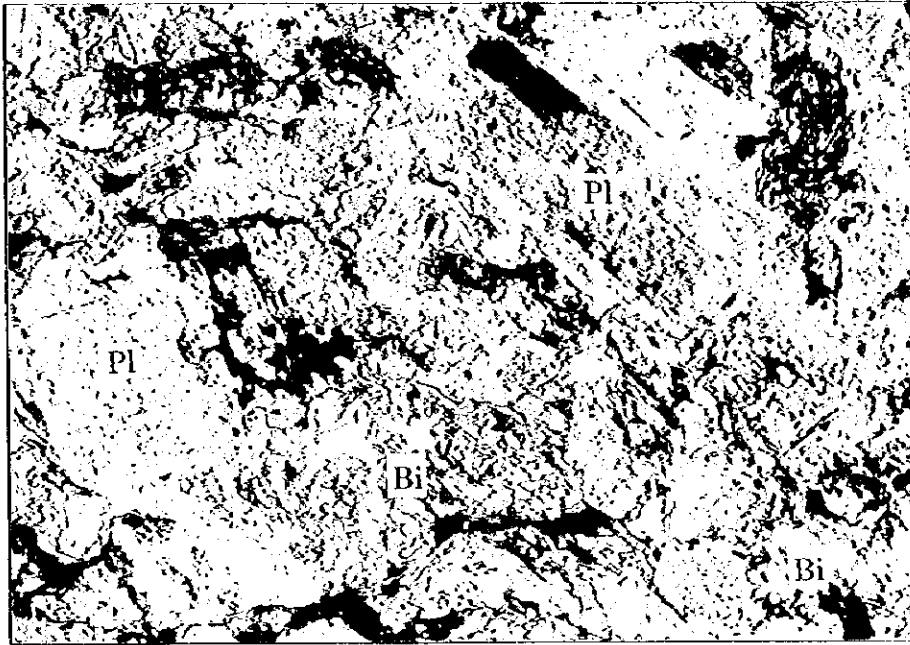
cross nichols

Scale **0.2mm**

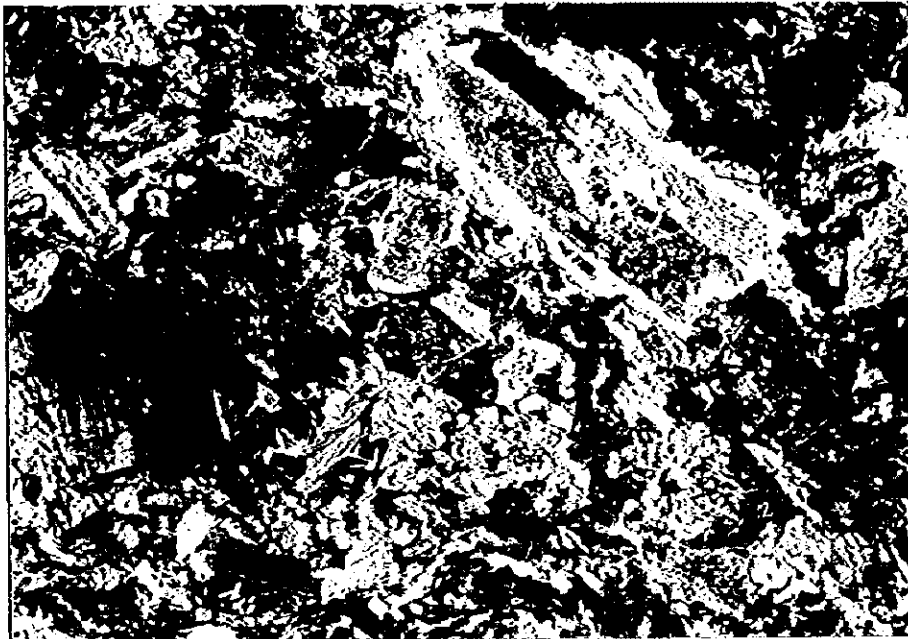
Qz : quartz  
 Bi : biotite  
 Chl : chlorite

Sample Number	KRC3-57
Rock Name	metamorphosed schist
Prospect	Kekoro W
Occurrence	RC drill





open nichols



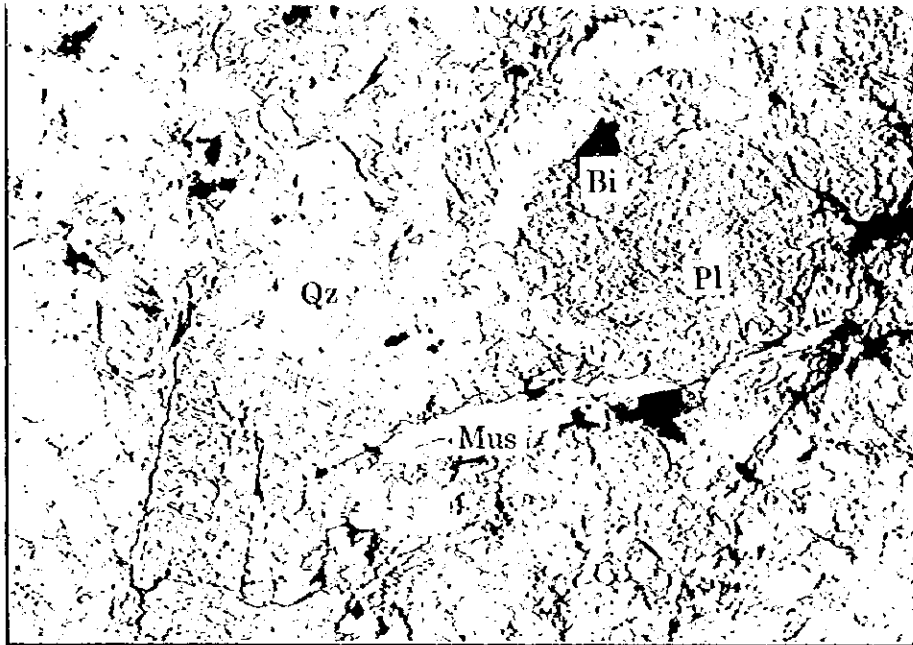
cross nichols

Scale 0.2mm

Pl : plagioclase  
Bi : biotite

Sample Number	KRC10-59
Rock Name	metadiorite
Prospect	Kekoro W
Occurrence	RC drill





open nichols



cross nichols

Scale 0.2mm

Qz : quartz  
 Pl : plagioclase  
 Bi : biotite

Sample Number	KRC13-50
Rock Name	sillcified dacite or tuff
Prospect	Kekoro W
Occurrence	RC drill



**Apc.7 Résultat d'observation microscopique en lames polies**





Apc.7 Résultat d'observation microscopique en lames polies

No.	Sample No.	Area	Il	Mt	Ru	Asp	Po	Cb	Ce	Cp	Cv	Gn	Py	Mc	Cn	Au	Cr	Ht	Go	CM
1	B-7	Kékoro W				⊙	+					+	⊙							
2	B-9	Kékoro W				⊙	+					+	⊙							
3	B-13	Kékoro W				⊙	Δ					Δ	⊙							
4	B-77	Kékoro W	Δ	Δ			⊙						⊙							
5	B-93	Kékoro W											Δ				⊙		Δ	
6	C-35	Kékoro E	⊙		⊙								Δ							
7	C-37	Kékoro E					⊙			+			⊙			+			⊙	
8	C-41	Kékoro E	⊙		⊙								Δ						Δ	
9	C-47	Kékoro W	⊙										Δ					Δ	⊙	
10	H-13	Kékoro W	⊙	+			⊙	+		+			Δ						⊙	
11	H-39	Kékoro W	⊙										Δ					⊙	⊙	
12	K-18	Kékoro W											⊙	⊙					Δ	
13	M-2	Kékoro W																⊙	⊙	
14	M-5	Kékoro W	⊙							+			⊙	+					⊙	
15	RZG-15	Sagara	⊙			⊙				+			⊙						⊙	
16	RZG-5	Sagara	⊙	+		⊙							⊙					Δ	Δ	
17	RZG-9	Sagara				⊙							⊙		⊙			Δ	Δ	+
18	RSO-525W	Sagara											⊙			+			⊙	
19	RZG-6	Sagara											⊙						⊙	
20	KRC1-51	Drilling											⊙						⊙	
21	KRC2-91	Drilling											⊙						⊙	
22	KRC2-111	Drilling											⊙						⊙	
23	KRC3-72	Drilling											⊙						⊙	
24	KRC4-49	Drilling											⊙						⊙	
25	KRC4-59	Drilling											⊙						⊙	+
26	KRC5-45	Drilling											⊙						⊙	
27	KRC7-73	Drilling											⊙						⊙	
28	KRC7-60	Drilling	⊙			⊙							Δ					+	+	
29	KRC8-64	Drilling											⊙					+	⊙	
30	KRC8-76	Drilling					+						⊙	⊙					Δ	
31	KRC9-59	Drilling					⊙						⊙						⊙	
32	KRC9-70	Drilling											⊙						⊙	
33	KRC10-70	Drilling											⊙						Δ	
34	KRC10-59	Drilling				⊙			+		+		⊙						Δ	
35	KRC11-47	Drilling							+	⊙	+		⊙						⊙	
36	KRC12-64	Drilling											⊙						⊙	
37	KRC13-51	Drilling										+	⊙						⊙	
38	KRC14-66	Drilling											⊙			+			⊙	
39	KRC15-60	Drilling								+			⊙						⊙	

Abbreviation: Asp, arsenopyrite; Au, native gold and "electrum"; Cb, cubanite; Ce, chalcocite group minerals; CM, carbonaceous matters; Cn, cinnabar; Cp, chalcopyrite; Cr, cryptomelane and "psilomelane"; Cv, covellite; Gn, galena; Go, goethite; Ht, hemalite; Il, ilmenite; Mc, marcasite; Mg, magnetite; Po, pyrrhotite; Py, pyrite; Ru, rutile;

⊙, ≥30%; ○, 10-30%; Δ, 5-10%; +, <5%.

## Apc.7 Résultat d'observation microscopique en lames polies

### Serial No. 1: B-7 Kékoro West

This sample was collected from quartz vein. The polished section is composed of quartz and a small amount of pyrite. Pyrite occurs as subhedral, rounded grains up to 20  $\mu\text{m}$  in size, and in most cases it is about 10  $\mu\text{m}$  in size.

### Serial No. 2: B-9 Kékoro West

This sample is strongly altered. The polished section consists arsenopyrite (80 %), pyrite (20 %), and small amounts of pyrrhotite and galena. Arsenopyrite occurs as euhedral rhombic crystals up to 0.2 mm in size. Pyrite occurs as euhedral to subhedral grains ranging from 0.1 x 0.05 mm to 10  $\mu\text{m}$  in size. Pyrite near arsenopyrite grains is relatively large. Pyrrhotite occurs as inclusions of approximately 20 x 50  $\mu\text{m}$  in size in pyrite grains. Galena, up to 20  $\mu\text{m}$  in size, is contained in arsenopyrite grains.

### Serial No. 3: B-13 Kékoro West

This sample is also strongly altered. The polished section is composed of arsenopyrite (60 %), pyrite (30 %), pyrrhotite (5 %) and goethite (5 %). Arsenopyrite occurs as aggregates of euhedral to subhedral grains up to 0.2 mm in size. Because anisotropism of arsenopyrite is not so strong, this arsenopyrite may include gudmundite component (FeSbS). Pyrite usually occurs an aggregate of subhedral grains with anhedral grains of pyrrhotite, up to 0.1 mm in size. Goethite is an aggregate of tiny grains, perhaps an alteration product of pyrite and/or pyrrhotite.

### Serial No. 4: B-77 Kékoro West

This sample seems to be metabasalt. The polished section consists of pyrrhotite (60 %), pyrite (30 %), ilmenite (5 %) and magnetite (5 %). Pyrrhotite is generally "poikilitic", up to 0.2 mm in size. Pyrite occurs as subhedral grains included in pyrite. Ilmenite and magnetite occur as subhedral to euhedral grains in mafic minerals, up to 40 x 20  $\mu\text{m}$  in size and 20  $\mu\text{m}$  in size, respectively.

### Serial No. 5: B-93 Kékoro West

This sample is from quartz vein. The polished section is composed of cryptomelane (so-called "psilomelane") (90 %), pyrite (5 %) and goethite (5 %). Cryptomelane occurs as at least two veinlets up to 4 mm in width, and cut by goethite veinlets. Pyrite occurs as discrete, euhedral to subhedral grains up to 20  $\mu\text{m}$  in size. Goethite occurs as anhedral, interstitial fillings at the rim of the quartz vein and as pseudomorphs probably after pyrite, up to 80  $\mu\text{m}$  in size in the center of the vein.

### Serial No. 6: C-35 Kékoro East

This sample may be an altered volcanic rock. The polished section consists of ilmenite (50 %), rutile (40 %) and pyrite (10 %). Ilmenite and rutile occur as subhedral, "poikilitic" grains up to 0.2 x 0.15  $\mu\text{m}$  in size and 0.15 x 0.1  $\mu\text{m}$  in size, respectively. Pyrite grains, usually about 10  $\mu\text{m}$  in size, are also observed as discrete, rounded grains.

### Serial No. 7: C-37 Kékoro East

This sample is an altered dioritic rock with quartz vein. The polished section is composed of goethite (50 %) and pyrrhotite (30 %) in the dioritic rock, and pyrite (10 %) and small amounts of pyrrhotite, chalcopyrite, "electrum" and goethite in the quartz vein. Pyrrhotite occurs as anhedral, "poikilitic" grains up to 0.2 mm in size in the dioritic rock and the quartz vein, and altered to pyrite and/or goethite at the rim in the quartz vein. Pyrite occurs as euhedral to subhedral grains up to 40  $\mu\text{m}$  in size. Chalcopyrite and "electrum" occur as discrete, anhedral grains up to 10  $\mu\text{m}$  in size and 20 x 5  $\mu\text{m}$  in size, respectively. Goethite may be pseudomorphous after pyrrhotite or pyrite, up to 0.2 mm in size.

### Serial No. 8: C-41 Kékoro East

This polished section consists of ilmenite (40 %), rutile (40 %), pyrite (10 %) and goethite (10 %). Ilmenite and rutile occur together as euhedral to subhedral grains up to 0.2 mm in size. Pyrite occurs as inclusions up to 20  $\mu\text{m}$  in size in ilmenite.

## Apc.7 Résultat d'observation microscopique en lames polies

### Serial No. 9: C-47 Kékoro West

This sample is an altered rock with quartz vein. The polished section is composed of ilmenite (60 %), goethite (20 %) and hematite (10 %) in the altered rock, and pyrite (10 %) and a small amount of goethite in the quartz vein. Ilmenite occurs as subhedral to anhedral grains up to 0.4 mm in size. Hematite and goethite occur together as anhedral grains up to 0.2 mm in size in the altered rock. Anhedral grains of pyrite up to 40  $\mu\text{m}$  in size and goethite veinlets up to 30  $\mu\text{m}$  in width are only opaque constituents in the quartz vein.

### Serial No. 10: H-13 Kékoro West

This sample might be metabasalt. The polished section consists of pyrrhotite (70 %), ilmenite (10 %), goethite (10 %), and small amounts of magnetite, cubanite, chalcopyrite and pyrite. Pyrrhotite occurs as anhedral, irregular-shaped grains up to 0.2 mm in size. Ilmenite and magnetite occur as subhedral to anhedral grains together with pyrrhotite up to 0.2 mm in size. Goethite is often observed near pyrite grains. Cubanite occurs as exsolution lamellae in pyrrhotite up to 0.2 mm long and 0.04 mm wide. Pyrite occurs at the rim of pyrrhotite grains or fills cracks in the pyrrhotite grains together with chalcopyrite.

### Serial No. 11: H-39 Kékoro West

This sample is an altered rock with quartz vein. The polished section is composed of ilmenite (60 %), hematite (20 %), goethite (10 %) and a small amount of pyrite in the altered rock, and small amounts of hematite and goethite in the quartz vein. Ilmenite occurs as euhedral to subhedral, long-prismatic crystals up to 0.2 x 0.04 mm in size. It shows almost straight extinction. Pyrite occurs as subhedral grains of about 20  $\mu\text{m}$  in size only in the altered rock. Hematite and goethite are anhedral, and usually goethite occurs at the rim of hematite grains up to 0.2 mm in size both in the altered rock and quartz vein. Some of goethite grains are probably pseudomorphous after pyrite.

### Serial No. 12: K-18 Kékoro West

The sample is strongly altered. The polished section consists of pyrite (60 %), marcasite (30%) and goethite (10 %). Pyrite occurs as subhedral to anhedral grains up to 0.3 x 0.2 mm in size, as veins or as coatings of open space in the rock, and is more or less altered to marcasite at the rim of the grains. Goethite is also usually observed at the rim of pyrite and marcasite grains.

### Serial No. 13: M-2 Kékoro West

The sample is a strongly altered rock with quartz vein. The polished section is composed of goethite (80 %) and hematite (20%). Most of goethite occurs as veinlets of up to 20  $\mu\text{m}$  in width in the quartz vein.

### Serial No. 14: M-5 Kékoro West

The sample is an altered rock. The polished section consists of pyrite (60 %), ilmenite (15 %), goethite (15 %) and small amounts of chalcopyrite and marcasite. Pyrite occurs as euhedral to subhedral, compact grains up to 0.2 x 0.1 mm in size or as aggregates of them up to 0.8 x 0.2 mm in size, and some of the grains, usually about 40  $\mu\text{m}$  in size, are altered to marcasite and/or goethite. Ilmenite occur as euhedral, long-prismatic crystals up to 0.1 x 0.02 mm in size. Goethite is usually anhedral, but some of goethite grains are pseudomorphous after pyrite. Chalcopyrite occurs as anhedral grains up to 0.1 mm in size together with pyrite.

### Serial No. 15: RZG-15 Sagara

This sample is strongly altered. The polished section is composed of arsenopyrite (50 %), goethite (20 %), ilmenite (10 %), pyrite (10 %) and a small amount of chalcopyrite. Arsenopyrite occurs as subhedral to anhedral grains up to 0.2 x 0.1 mm in size, and is less anisotropic than normal one, maybe because it contain gudmundite component or it is strongly altered to goethite. Goethite is alteration products up to 0.2 x 0.2 mm in size. Ilmenite occurs as subhedral, rounded grains up to 0.2 mm in size. Pyrite is subhedral to euhedral, up to 40  $\mu\text{m}$  in size. Chalcopyrite occurs as anhedral

## Apc.7 Résultat d'observation microscopique en lames polies

grains up to 0.2 x 0.1 mm in size with arsenopyrite and pyrite.

### Serial No. 16: RZG-5 Sagara

This sample may be metabasalt. The polished section consists of arsenopyrite (60 %), ilmenite (10 %), pyrite (10 %) and small amounts of magnetite, hematite and goethite. Arsenopyrite and pyrite occur as euhedral to subhedral crystals up to 0.2 mm in size, and some of them have open space in the cores that are usually altered to hematite and/or goethite. Some of pyrite also occurs as veins. Ilmenite and magnetite occur as euhedral to subhedral grains up to 0.4 mm in size, and are altered to hematite and/or goethite at the rim.

### Serial No. 17: RZG-9 Sagara

This is strongly altered. The polished section is composed of pyrite (60 %), arsenopyrite (10 %), cinnabar (10 %), goethite (10 %) and small amounts of hematite and carbonaceous matters. Pyrite occurs as discrete, anhedral to subhedral grains up to 0.3 x 0.2 mm in size often with open space in the cores. Arsenopyrite occurs discrete, euhedral to subhedral rhombic crystals up to 0.1 mm in size. Cinnabar occurs anhedral to subhedral grains up to 0.3 mm in size. It characteristically shows reddish internal reflections and polysynthetic twinning. Goethite together with hematite occurs as veinlets up to 0.1 mm in width. Small amounts of carbonaceous matters (graphitic) occur as thin plates up to 0.2 mm in size x 20  $\mu\text{m}$  in thickness.

### Serial No. 18: RSO-525W Sagara

This sample is quartz vein. The polished section consists of pyrite and a small amount of "electrum". Pyrite occurs as anhedral grains of about 5  $\mu\text{m}$  in size. "Electrum" is also tiny, up to 10  $\mu\text{m}$  x 5  $\mu\text{m}$  in size, discrete, anhedral in quartz. It seems to be Au-rich, based on relatively yellowish color.

### Serial No. 19: RZG-6 Sagara

This sample is typical hypo/mesothermal quartz vein. The polished section is composed of goethite (80%) and pyrite (20%). Goethite occurs as veinlets of approximately 10  $\mu\text{m}$  in width. Pyrite occurs as discrete, subhedral grains usually 10  $\mu\text{m}$  in size.

### Serial No. 20: KRC1-51 Kékoro West RC drilling : KRC-1 depth 51-52m

This sample is strongly altered (silicified). The polished section consists of pyrite (80 %) and goethite (20 %). Pyrite occurs as subhedral to euhedral grains up to 0.4 mm in size and as veinlets. Goethite is perhaps pseudomorphous after pyrite.

### Serial No. 21: KRC2-91 Kékoro West RC drilling : KRC-2 depth 91-92m

This sample looks cherty rock. The polished section is composed of pyrite (80 %) and goethite (20 %). Pyrite occurs as aggregates of subhedral to euhedral grains up to 0.4 x 0.2 mm in size and as veinlets up to 20  $\mu\text{m}$  in width. Goethite occurs with pyrite relict seems to be pseudomorphous after pyrite.

### Serial No. 22: KRC2-111 Kékoro West RC drilling : KRC-2 depth 111-112m

This sample may be siliceous shale. The polished section consists of pyrite (90 %) and goethite (10 %). Pyrite occurs as discrete, subhedral to euhedral grains up to 0.1 mm in size and as veinlets of 10-20  $\mu\text{m}$  in width. In most cases, pyrite grains and veinlets arrange parallel to laminae of the original rocks. Goethite is perhaps pseudomorphous after pyrite.

### Serial No. 23: KRC3-72 Kékoro West RC drilling : KRC-3 depth 72-73m

This sample is also siliceous shale. The polished section is composed of pyrite (90 %) and goethite (10 %). Pyrite occurs as discrete, subhedral to euhedral grains up to 0.2 mm in size. Pyrite grains generally arrange parallel to laminae of the original rocks. Goethite occurs as anhedral to subhedral grains that seem to be pseudomorphous after pyrite.

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Serial No. 24: KRC4-49 Kékoro West RC drilling : KRC-4 depth 49-50m

This sample is cherty or siliceous shale. The polished section consists of pyrite (90 %) and goethite (10 %). Pyrite occurs as discrete, subhedral to euhedral grains up to 0.2 mm in size and as discontinuous veinlets of about 20  $\mu\text{m}$  in width. Goethite is perhaps pseudomorphous after pyrite.

Serial No. 25: KRC4-59 Kékoro West RC drilling : KRC-4 depth 59-60m

The sample may be altered porphyritic volcanic rock. The polished section is composed of goethite (70 %), pyrite (30 %) and small amounts of carbonaceous matters. Goethite occurs as aggregates of tiny, anhedral grains usually of 40  $\mu\text{m}$  in size in mafic phenocrysts. Pyrite occurs as discrete, anhedral grains up to 50  $\mu\text{m}$  in size. Small amounts of carbonaceous matters (graphitic) occur as thin, platy grains up to 0.1 mm x 20  $\mu\text{m}$  in size.

Serial No. 26: KRC5-45 Kékoro West RC drilling : KRC-5 depth 45-46m

This sample may be altered shale. The polished section is composed of pyrite (90 %) and goethite (10 %). Pyrite occurs as subhedral to euhedral grains up to 0.2 x 0.1 mm in size. Most of the elongated pyrite grains arrange parallel to laminae of the original rocks. Goethite occurs as anhedral to subhedral grains up to 0.1 x 0.05 mm in size, and seems to be pseudomorphous after pyrite.

Serial No. 27: KRC7-73 Kékoro West RC drilling : KRC-7 depth 73-74m

This sample may be altered shale or porphyritic rock. The polished section consists of pyrite (80 %) and goethite (20 %). Pyrite occurs as discrete, subhedral to euhedral grains up to 50  $\mu\text{m}$  in size. Pyrite grains arrange parallel to laminae of the original rocks. Goethite seems to be pseudomorphous after pyrite.

Serial No. 28: KRC7-60 Kékoro West RC drilling : KRC-7 depth 60-61m

This sample may be altered siliceous shale. The polished section is composed of arsenopyrite (60 %), ilmenite (20%), pyrite (10%) and small amounts of hematite and goethite. Arsenopyrite occurs as discrete, euhedral to subhedral, rhombic crystals up to 0.1 mm in size. Ilmenite occurs as subhedral to anhedral grains up to 50 x 20  $\mu\text{m}$  in size. Pyrite occurs as subhedral to euhedral grains ranging from 20 to 50  $\mu\text{m}$  in size, and is sometimes contained in arsenopyrite grains. Hematite and goethite occur as anhedral grains surrounding ilmenite or as veinlets of about 20  $\mu\text{m}$  in width.

Serial No. 29: KRC8-64 Kékoro West RC drilling : KRC-8 depth 64-65m

This sample may be altered shale. The polished section consists of pyrite (80 %), goethite (10 %) and a small amount of hematite. Pyrite occurs as subhedral to anhedral grains up to 0.5 x 0.4 mm in size or as veinlets up to 0.4 mm in width. Most of the elongated grains and veinlets of pyrite arrange parallel to laminae of the original rocks. Goethite occurs as anhedral to subhedral grains up to 0.1 mm in size together with hematite.

Serial No.30: KRC8-76 Kékoro West RC drilling : KRC-8 depth 76-77m

This sample may be altered siliceous shale. The polished section is composed of pyrite (50 %), marcasite (40%) and small amounts of pyrrhotite and goethite. Pyrite occurs as subhedral grains up to 0.1 mm in size or as veinlets. Marcasite occurs as anhedral grains up to 0.2 mm in size at the rim of pyrite. Pyrrhotite occurs as subhedral, rounded grains up to 40  $\mu\text{m}$  in size. Goethite seems to be pseudomorphous after pyrite and marcasite.

Serial No. 31: KRC9-59 Kékoro West RC drilling : KRC-9 depth 59-60m

This sample may be altered shale. The polished section consists of pyrrhotite (60 %), pyrite (30 %) and goethite (10 %). Pyrrhotite occurs as anhedral to subhedral grains up to 0.2 mm in size. Pyrite occurs subhedral to euhedral grains up to 40  $\mu\text{m}$  in size or as inclusions in pyrrhotite. Goethite occurs as anhedral grains up to 0.1 mm in size.

Serial No. 32: KRC9-70 Kékoro West RC drilling : KRC-9 depth 70-71m

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This sample may be shale. The polished section consists of pyrite (80 %) and goethite (20 %). Pyrite occurs as subhedral to anhedral grains up to 0.2 mm in size, as networks or as "poikilitic" texture. Goethite occurs as anhedral to subhedral grains up to 0.1 mm in size, and seems to be pseudomorphous after pyrite.

Serial No.33: KRC10-70 Kékoro West RC drilling : KRC-10 depth 70-71m

This sample may be shale. The polished section is composed of pyrite (90 %) and goethite (10 %). Pyrite occurs as subhedral to anhedral grains up to 0.1 mm in size or as veinlets up to several  $\mu\text{m}$  in width. Most of the elongated grains and veinlets of pyrite arrange parallel to laminae of the original rocks. Goethite occurs as anhedral to subhedral grains up to 0.1 mm in size, is probably pseudomorphous after pyrite.

Serial No. 34: KRC10-59 Kékoro West RC drilling : KRC-10 depth 59-60m

The sample is strongly altered rock. The polished section consists of arsenopyrite (80 %), pyrite (10 %) and small amounts of chalcocite group minerals (probably djurleite or digenite), covellite and goethite. Arsenopyrite occurs as euhedral to subhedral grains up to 3 x 2 mm in size. Pyrite occurs as aggregates of anhedral grains up to 2 x 2 mm in size. Chalcocite group mineral and covellite form aggregates up to 50  $\mu\text{m}$  in size. Goethite is perhaps pseudomorphous after pyrite.

Serial No. 35: KRC11-47 Kékoro West RC drilling : KRC-11 depth 47-48m

This sample may be altered shale. The polished section is composed of pyrite (70 %), chalcopyrite (10 %), goethite (10 %) and small amounts of chalcocite group minerals (probably djurleite and/or digenite) and covellite. Pyrite occurs as aggregates of anhedral to subhedral grains up to 2 mm in size and as veins or veinlets up to 0.2 mm in width. Chalcopyrite occurs interstitially among pyrite grains or as "graphic" inclusions in pyrite up to 0.1 mm in size. Chalcocite group minerals and covellite occur as aggregates at the rim of chalcopyrite or along the crack in chalcopyrite. Goethite occurs as anhedral to subhedral grains up to 0.3 mm in size, perhaps alteration products after pyrite.

Serial No. 36: KRC12-64 Kékoro West RC drilling : KRC-12 depth 64-65m

This sample may be altered shale. The polished section consists of pyrite (90 %) and goethite (10 %). Pyrite occurs as subhedral to anhedral grains up to 0.4 x 0.2 mm in size or as veinlets up to 0.2 mm in width. Most of the elongated grains and veinlets of pyrite arrange parallel to laminae of the original rocks. Goethite occurs as anhedral to subhedral grains up to 0.1 mm in size.

Serial No. 37: KRC13-51 Kékoro West RC drilling : KRC-13 depth 51-52m

This sample may be altered sandstone. The polished section is composed of goethite (80 %), pyrite (20 %) and a small amount of galena. The amount of these opaque minerals is not much. Goethite occurs as anhedral grains up to 20  $\mu\text{m}$  in size. Pyrite occurs as subhedral to euhedral grains up to 50 x 20  $\mu\text{m}$  in size. Galena is associated with pyrite, and its size is about 10 x 10  $\mu\text{m}$  in size.

Serial No. 38: KRC14-66 Kékoro West RC drilling : KRC-14 depth 66-67m

This sample may be altered shale. The polished section consists of goethite (90 %), pyrite (10 %) and a small amount of "electrum". Goethite occurs as anhedral grains up to 0.1 mm in size and/or networks. Pyrite occurs as subhedral to euhedral grains up to 0.1 mm in size. "Electrum" occurs as discrete, anhedral grains up to 20  $\mu\text{m}$  in size.

Serial No. 39: KRC15-60 Kékoro West RC drilling : KRC-15 depth 60-61m

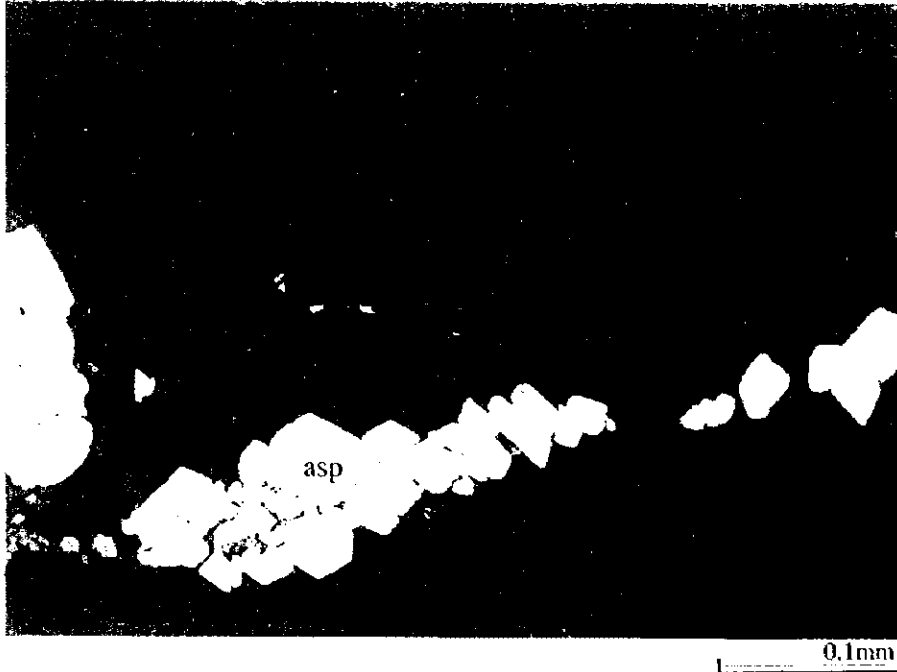
This sample may be altered shale. The polished section is composed of pyrite (90 %), goethite (10 %) and a small amount of chalcopyrite. Pyrite occurs as discrete, subhedral to euhedral grains up to 0.2 mm in size or as veinlets up to 0.3 mm in width. Goethite occurs probably as pseudomorphs after pyrite. Chalcopyrite occurs as subhedral grains in pyrite up to 0.1 mm in size.







Sample No. : B-13  
Rock Name : sulfide, silicified rhyolite  
Location : Kéoro W



Sample No. : B-77  
Rock Name : metabasalt  
Location : Kéoro W

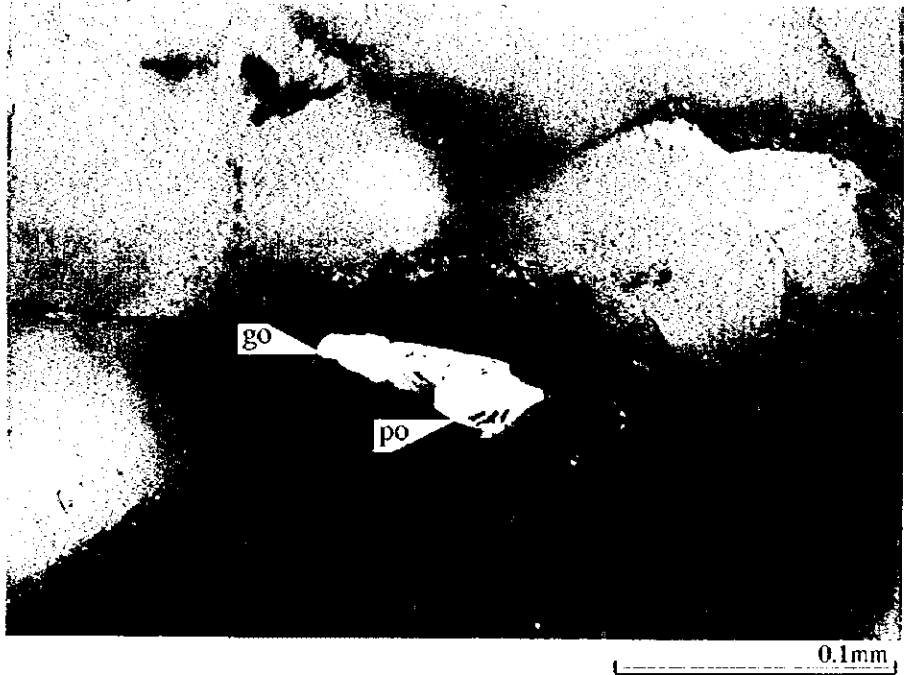




Sample No. : C-37  
Rock Name : altered dioritic rock  
Location : Kéoro E



Sample No. : C-37  
Rock Name : altered dioritic rock  
Location : Kéoro E

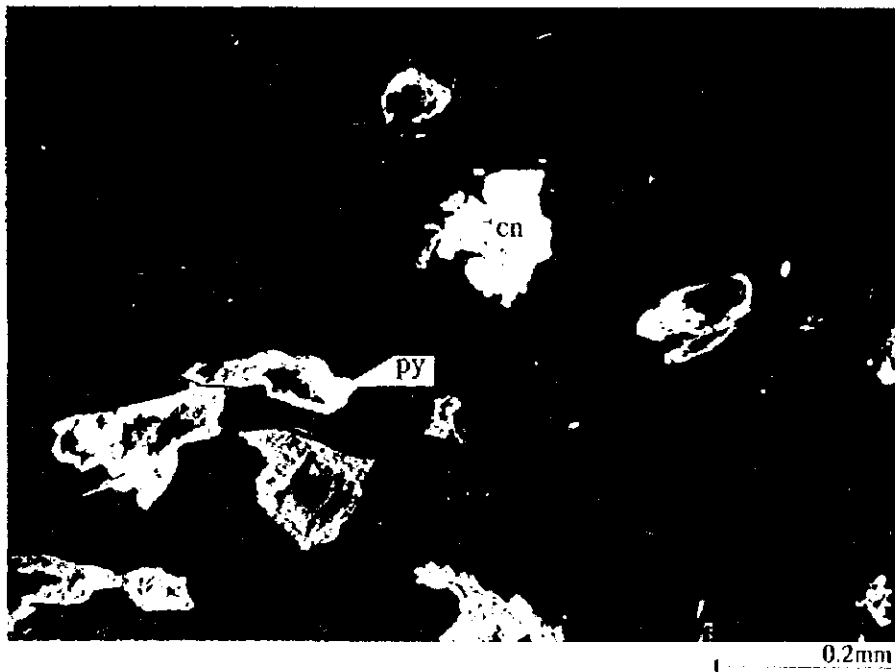




Sample No. : RSO-525W  
Rock Name : quartz vein  
Location : Sagara

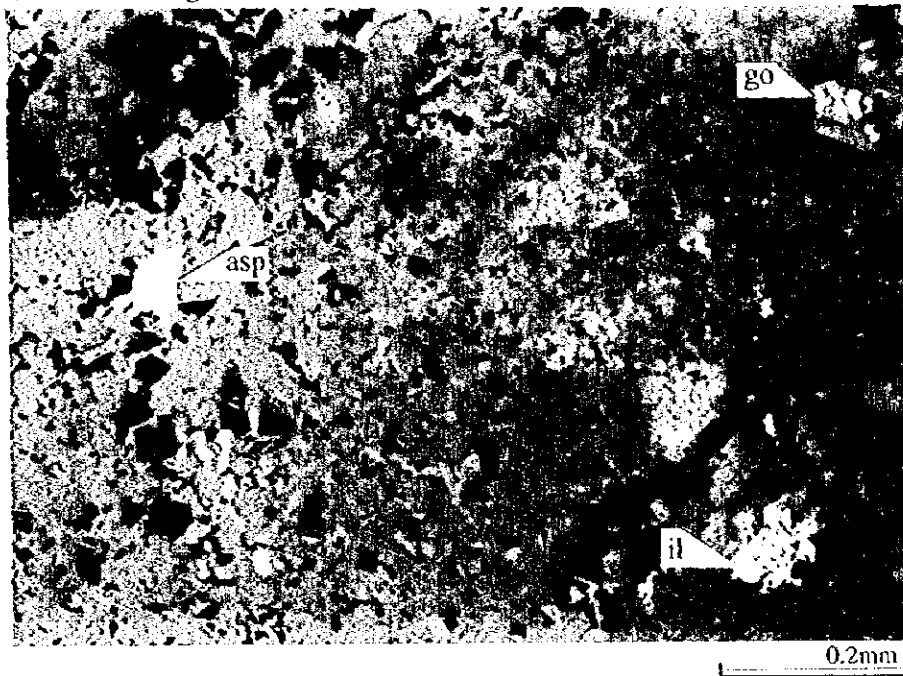


Sample No. : RZG-9  
Rock Name : coarse grained meta-sandstone  
Location : Sagara

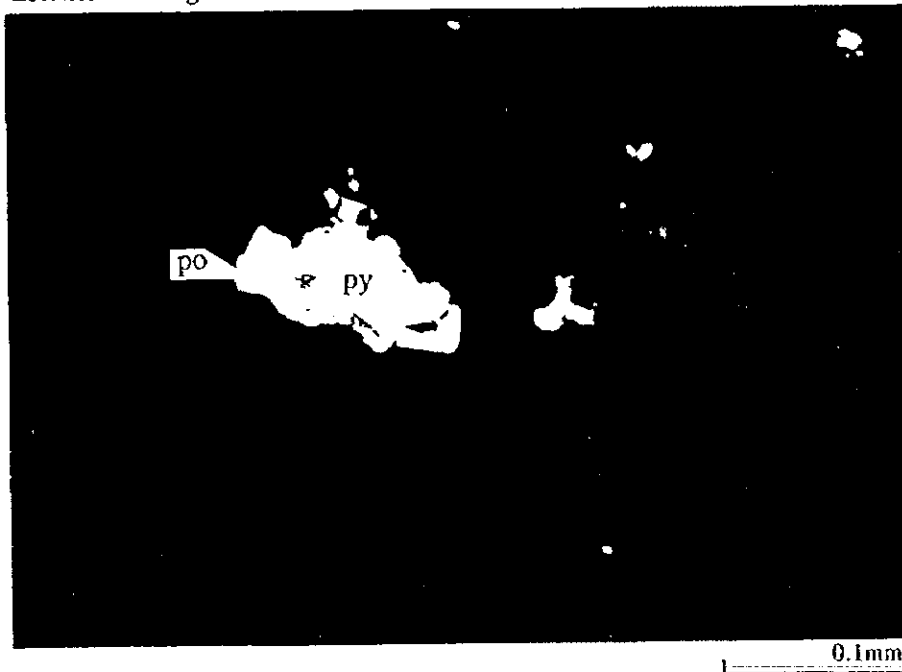




Sample No. : KRC7-60  
Rock Name : altered siliceous shale  
Location : Drilling



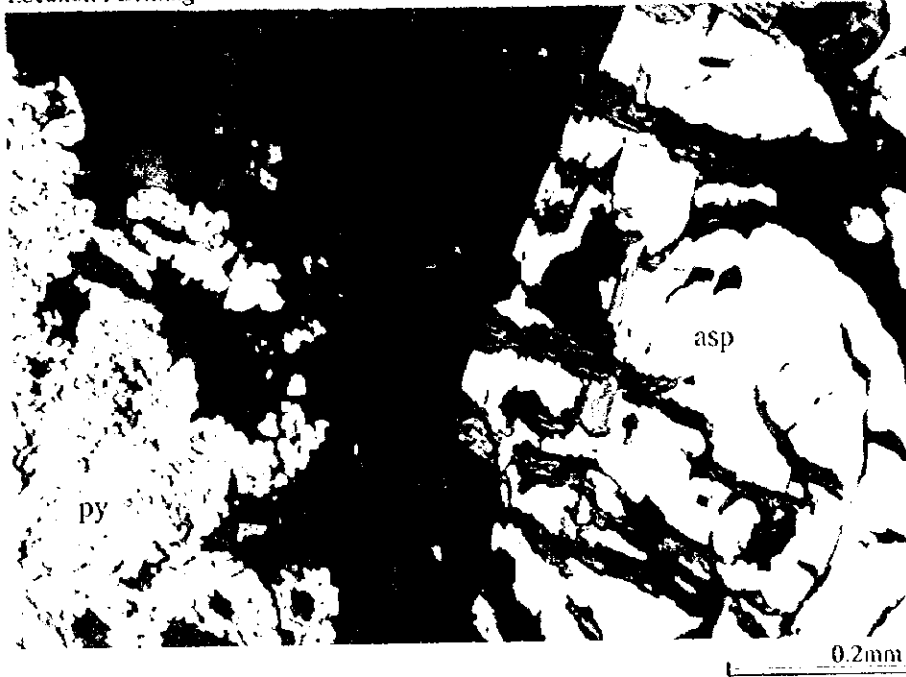
Sample No. : KRC9-59  
Rock Name : altered shale  
Location : Drilling







Sample No. : KRC10-59  
Rock Name : altered rock  
Location : Drilling



Sample No. : KRC14-66  
Rock Name : altered shale  
Location : Drilling



