Apc.23 Diagraphie géologique des trous de forages à diamant

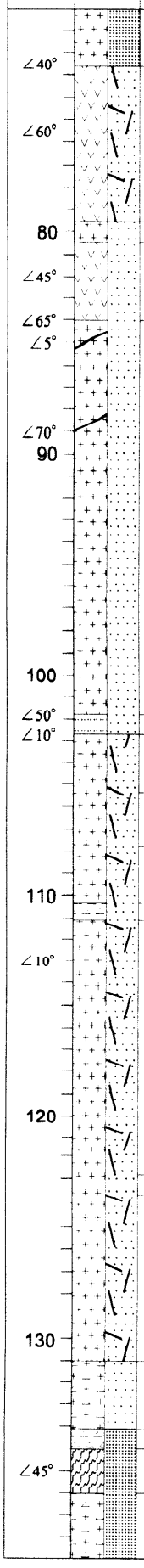
dans le Secteur de Kékoro

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-1" (1/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite
			0.0-2.6m Lateritic crust: reddish brown colored indurated crust, very hard, with conglomeratic texture					
		2.6	**2.6-4.5m Lateritic carapace:** reddish brown colored carapace, not very hard, including lateritic nodules, with limonite					
		4.5	**4.5-9.1m Mottled zone:** yellow, white, pink, and brown colored clay					
		9.1	**9.1-22.6m Saprolite:** brown to greenish light gray colored saprolite, partly white colored, showing sandstone					
10								
20								
		22.6	**22.6-31.2m Strongly weathered sandstone:** greenish gray to light gray colored weathered sandstone, including veinlets of iron oxides and also veinlets of quartz					
∠0°			**27.5m horizontal quartz veinlet:** w=1-2cm					
∠45°			**29.3m: quartz veinlet:** w=5mm, ∠45°					
30		31.2	**31.2-36.7m Weathered sandstone:** brown colored, coarse to medium grained sandstone, schistosity (∠40-55°), with segrigated quartz veins along schistosity					
∠50°								
∠45°		36.7	**36.7-42.0m Granodiorite:** light gray colored massive granodiorite, slightly weathered and fractured (diameter: 2-5cm), pebbly core, estimated contents of disseminated pyrite is less than 1%					
40			**39.3-40.0m Slightly silicified rock:**					
		42.0	**42.0-46.7m Muddy sandstone:** dark gray colored, slightly schistosed muddy sandstone, with hematite dissemination					
		46.7	**46.7-52.58m Granodiorite:** light gray colored hornblende-biotite granodiorite, plagioclase>>hornblende>biotite, disseminated by arsenopyrite and pyrite					
50			**52.58-53.2m Breccia:** brecciated rock with hematite disseminaiton					
∠60°		52.58						
∠20°		53.2	**53.2-54.1m Breccia:** brecciated andesitic tuff with hematite dissemination, fractured, weathered and oxidized					
		54.1	**53.7, 54.1m Quartz vein:** fragment (diameter: 2cm) of quartz vein					
∠5°		56.0						
		56.9	**54.1-56.0m Granodiorite:** light gray colored granodiorite, with arsenopyrite (>pyrite) dissemination					
60			**56.0-56.9m Andesite:** dark gray colored andesite, very hard and fine grained, including subhedral plagioclase phenocrysts					
			56.9-69.0m Granodiorite: gray colored granodiorite, with minor quartz veinlets (w=5m, ∠10-30°), with many chlorite and pyrite films (5-20cm interval, ∠40-60°), with dissemination of pyrite and chlorite, contents of pyrite is less than 1% in volume					
			69.0-69.9m Arsenopyrite disseminaiton: 1%± in volume					
		69.0						
∠20°			**69.9m Quartz vein:** w=8cm, ∠20°					

Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
	0-1		-	-
	1-2	33	-	-
	2-3	35	-	-
	3-4	403	-	-
	4-5	76	-	-
	5-6	67	-	-
	6-7	117	-	-
	7-8	50	-	-
	8-9	59	-	-
	9-10	34	-	-
	10-11	10	7	-
	11-12	39	-	-
	12-13	25	-	-
	13-14	17	-	-
	14-15	127	-	-
	15-16	297	-	-
	16-17	96	-	-
	17-18	15	-	-
	18-19	23	-	-
	19-20	44	-	-
	20-21	11	14	-
	21-22	14	-	-
	22-23	90	-	-
	23-24	95	-	-
	24-25	102	-	-
	25-26	49	-	-
	26-27	53	-	-
	27-28	83	-	-
	28-29	2368	-	2600
	29-30	1050	-	1012
	30-31	137	131	-
	31-32	186	-	-
	32-33	240	-	-
	33-34	317	-	-
	34-35	102	-	-
KDD-1 36.5	35-36	1601	-	2624
	36-37	4760	-	2750
	37-38	1281	-	1420
KDD-1 39.4	38-39	443	-	-
	39-40	10880	-	7670
	40-41	2737	3420	-
	41-42	166	-	-
	42-43	647	-	-
	43-44	624	-	-
	44-45	855	-	-
	45-46	528	-	-
	46-47	424	-	-
	47-48	222	-	-
	48-49	255	-	-
	49-50	275	-	-
	50-51	123	112	-
	51-52	82	-	-
	52-53	171	-	-
	53-54	559	-	-
	54-55	127	-	-
	55-56	729	-	-
	56-57	104	-	-
	57-58	166	-	-
	58-59	143	-	-
	59-60	99	-	-
	60-61	341	313	-
KDD-1 62.6	61-62	112	-	-
	62-63	2831	1920	2949
	63-64	311	-	-
	64-65	165	-	-
KDD-1 66.6	65-66	97	-	-
	66-67	56	-	-
	67-68	42	-	-
	68-69	37	-	-
	69-70	94	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-1" (2/3)



69.9-72.3m Disseminated rock: pyrite-arsenopyrite -pyrrhotite dissemination (1-2% in volume), weakly chloritized, with chlorite-pyrite veinlets

72.3-72.6m Silicified rock: silicified rock with arsenopyrite dissemination (2% in volume)

72.6-79.6m Andesite: greenish dark gray to dark green colored schistosed andesite, strongly chloritzed, inclination of schistosity is 40-70°, including plagioclase phenocrysts (2-3mm) with veinlets of quartz, estimated contents of disseminated pyrite is 1%± in volume

79.6-80.4m Granodiorite: with pyrite dissemination (0-1% in volume)

80.4-84.0m Andesite: dark gray to slightly greenish dark gray colored andesite, compact and fine grained, massive, chloritized, including plagioclase phenocryst (diameter: 2mm±), estimated contents of disseminated pyrite is less than 1% in volume

84.0-101.8m Diorite or Granodiorite: dark gray colored granodiorite, with weak pyrite dissemination (<1% in volume), with chlorite-pyrite veinlets (∠10-70°, w=0.5-2mm), all mafic minerals change to chlorite

101.8-102.6m Sandstone xenolith: dark gray to greenish gray colored sandstone, fine grained, compact, chloritized, with pyrite-arsenopyrite dissemination, xenolith?

102.6-131.0m Diorite or Granodiorite: dark gray to greenish gray colored, chloritized granodiorite, medium grained (1-3mm), with minor quartz-chlorite-pyrite veinlets (5-20cm interval), estimated contents of pyrite (including disseminated pyrite) is less than 1% in volume

105.3-107.8m Silicified zone: with chlorite-pyrite veinlets, with arsenopyrite-pyrite dissemination, contents of sulfide is 3% in volume

110.3-110.7m Brecciated and oxide zone:

121.8-121.9, 122.8-123.5m Silicified zone: slightly silicified and arsenopyrite>pyrite dissemination, contents of sulfide is 3%± in volume

123.5-134.1m Brecciated granodiorite: brecciated, green colored and strongly chloritized granodiorite, with many veinlets of chlorite, weakly silicified, with pyrrhotite-pyrite dissemination

134.1-134.9m Breccia: slightly chloritized, and intensely disseminated by pyrite, estimated contents of pyrite is 4%± in volume

134.9-137.0m Sheared rock: greenish dark gray colored, chloritized, sheared rock, with chlorite-calcite veinlets, some pyrite veins cross the planes, also with pyrite dissemination (contents of disseminated pyrite is 2-3% in volume), partly brecciated

137.0-140.3m Brecciated granodiorite: weakly sheared and brecciated granodiorite, with chloritization, with pyrite -arsenopyrite dissemination, contents of sulfide is 2-3% in volume

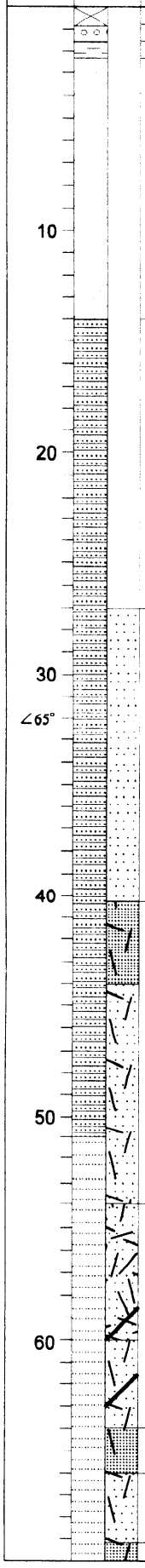
Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
	70-71	65	52	-
	71-72	78	-	-
	72-73	349	-	-
	73-74	99	-	-
	74-75	17	-	-
	75-76	4	-	-
	76-77	4	-	-
	77-78	6	-	-
	78-79	13	-	-
	79-80	53	-	-
	80-81	271	245	-
	81-82	126	-	-
	82-83	414	-	-
	83-84	1224	1337	1543
	84-85	406	-	-
	85-86	548	-	-
	86-87	86	-	-
	87-88	316	-	-
	88-89	96	-	-
	89-90	168	-	-
	90-91	230	252	-
	91-92	34	-	-
	92-93	152	-	-
	93-94	34	-	-
	94-95	24	-	-
	95-96	712	-	-
	96-97	1190	1509	1783
	97-98	78	-	-
	98-99	40	-	-
	99-100	54	-	-
	100-101	80	88	-
	101-102	200	-	-
	102-103	28	-	-
	103-104	1256	30	<1
KDD-1 105.8	104-105	78	-	-
KDD-1 106.5	105-106	4940	5691	6857
	106-107	2198	2777	2811
	107-108	158	-	-
	108-109	138	-	-
	109-110	94	-	-
	110-111	28	18	-
	111-112	24	-	-
	112-113	114	-	-
	113-114	20	-	-
	114-115	40	-	-
	115-116	22	-	-
	116-117	22	-	-
	117-118	8	-	-
	118-119	46	-	-
	119-120	12	-	-
	120-121	32	32	-
	121-122	21	-	-
	122-123	55	-	-
	123-124	680	-	-
	124-125	204	-	-
	125-126	68	-	-
	126-127	52	-	-
	127-128	50	-	-
	128-129	1726	1646	2057
	129-130	133	-	-
	130-131	182	121	-
	131-132	33	-	-
	132-133	58	-	-
	133-134	27	-	-
	134-135	146	-	-
	135-136	19	-	-
	136-137	19	-	-
	137-138	53	-	-
KDD-1 139.4	138-139	256	-	-
	139-140	1430	823	1029

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-1" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
		140.3	**140.3-150.0m Granodiorite:** greenish gray colored, chloritized granodiorite, locally brecciated, with pyrite-arsenopyrite dissemination, with quartz-calcite-pyrite veins, estimated contents of disseminated sulfide is 1-3% in volume						KDD-1 142.9	140-141	57	57	-
										141-142	21	-	-
										142-143	22	-	-
										143-144	18	-	-
										144-145	23	-	-
										145-146	16	-	-
										146-147	11	-	-
										147-148	26	-	-
										148-149	14	-	-
150		150.0								149-150	64	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-2" (1/3)



0.0-0.69m Surface cover: brown colored silty soil, including many lateritic nodules

0.69-1.38m Lateritic carapace: reddish brown colored hard carapace, including lateritic nodules

1.38-2.60m Mottled clay: brown to yellowish brown colored clay, not indurated, including some iron oxides

2.60-14.00m Saprolite: greenish gray colored, fine grained saprolite, showing sandstone texture

14.00-27.00m Alternation beds of muddy sandstone and coarse grained sandstone: intensely weathered sandstone, brownish gray colored, massive, with micro-folding structure (∠60-80°), with segrigated quartz veinlets along schistosity, with vertical joints and joints filling iron oxides (5-10mm intervals)

27.0-40.3m Alternation beds of medium grained sandstone and muddy sandstone: dark gray colored, weakly schistosed sandstone, with iron oxide along joints (2-5mm interval) and along schistosity (w=1-5mm, ∠70° ±), with pyrite dissemination (0-1%), graded bedding structure is parallel to schistosity (∠65-75°)

40.3-54.0m Alternation beds of muddy sandstone and shale: dark gray colored sandstone, including thin layers of peritic rock (∠70°), with quartz veinlets (w=2-5mm, ∠60-70°), with chlorite+pyrite veinlets (5-10cm interval), and with pyrite +pyrrhotite+arsenopyrite dissemination around quartz veinlets (2-10cm interval), schistosity is filled with pyrite, estimated contents of sulfide is 1% to 3% in volume

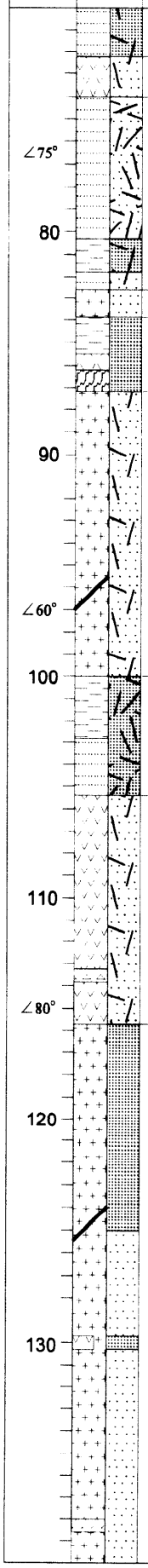
54.0-72.2m Muddy sandstone: dark gray colored, shistosed muddy sandstone, alternation beds of medium and fine grained sandstone, bedding is parallel to schistosity (∠60-70°), including quartz veinlets (w=2-5mm, 2-20cm interval), chlorite +pyrite network, weak pyrite dissemination, and pyrite veinlets, estimated contents of sulfide is less than 1% in volume

64.0-66.0m, 69.3-72.2m : estimated contents of disseminated pyrite is 2%±, with quartz-chlorite-pyrite network

Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Spiecimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
	0-1		-	-
	1-2	120	-	-
	2-3	92	-	-
	3-4	49	-	-
	4-5	55	-	-
	5-6	56	-	-
	6-7	78	-	-
	7-8	45	-	-
	8-9	85	-	-
	9-10	171	-	-
	10-11	416	391	-
	11-12	162	-	-
	12-13	161	-	-
	13-14	123	-	-
	14-15	74	-	-
	15-16	23	-	-
	16-17	41	-	-
	17-18	48	-	-
	18-19	65	-	-
	19-20	31	-	-
	20-21	39	137	64
	21-22	42	-	-
	22-23	39	-	-
	23-24	50	-	-
	24-25	32	-	-
	25-26	12	-	-
	26-27	72	-	-
	27-28	49	-	-
	28-29	116	-	-
	29-30	200	-	-
	30-31	83	56	-
	31-32	<1	-	-
	32-33	80	-	-
	33-34	68	-	-
	34-35	66	-	-
	35-36	162	-	-
	36-37	111	-	-
	37-38	14	-	-
	38-39	34	-	-
	39-40	<1	-	-
	40-41	13	<1	-
	41-42	13	-	-
	42-43	1126	914	868
	43-44	726	-	-
KDD-2 45.4	44-45	4351	4903	5462
	45-46	1195	1412	1373
KDD-2 47.6	46-47	1967	2016	2010
	47-48	4551	2183	2846
	48-49	343	-	-
	49-50	46	-	-
	50-51	368	379	-
	51-52	56	-	-
	52-53	122	-	-
	53-54	47	-	-
	54-55	80	-	-
	55-56	119	-	-
	56-57	48	-	-
	57-58	139	-	-
	58-59	15	-	-
	59-60	12	-	-
	60-61	11	19	-
	61-62	640	-	-
	62-63	92	-	-
	63-64	50	-	-
	64-65	46	-	-
	65-66	69	-	-
	66-67	23	-	-
	67-68	14	-	-
	68-69	91	-	-
	69-70	2917	2601	2734

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-2" (2/3)



72.2-74.0m Andesite: dark green colored, weakly schistosed andesite, intensely chloritised and epidotized, contents of disseminated pyrite is 0-1%

74.0-82.7m Muddy sandstone: black colored muddy sandstone, bedding plane is ∠70-80° , with space network (1-5cm interval) of quartz, with dissemination of chlorite-calcite-pyrite, contents of pyrite is less than 1% in volume

80.3-81.8m Shale: with pyrite dissemination (2-3%)

82.7-83.8m Diorite or granodiorite: dark gray colored diorite, massive, mafic mineral rich, estimated contents of sulfide (pyrite-arsenopyrite) is 1% in volume

83.8-87.35m Shale, tuff and sheared rock: with pyrite -arsenopyrite dissemination and chloritization, contents of sulfide is 1-3% in volume, more than 3% in sheared rock

87.35-100.1m Diorite or granodiorite: dark gray colored diorite, 2-3mm grained (plagioclase>>biotite>hornblende), mafic mineral change to chlorite, with weak dissemination of pyrite and arsenopyrite, with quartz veinlets (100cm interval, w=2-10mm, ∠10-60°), with quarz-pyrite veinlets (interval 5-20cm, ∠60-90°)

96.9m Quartz vein: ∠60-90° , w=5-10mm

100.1-102.8m Shale and sandstone: chloritized shale and sandstone, with network of quartz and calcite, with strong dissemination of pyrite, and schistosity filling pyrite, estimated contents of pyrite is 3-4%

105.5-115.8m Andesite: dark green colored, schistosed and chloritized andesite, with disseminated pyrite and pyrrhotite, with quartz-calcite veinlets, calcite sometimes shows well developed crystals, estimated contents of sulfide is 1%±

115.8-142.7m Granodiorite or diorite: greenish gray to dark gray, chloritized hornblende-biotite granodiorite, fine to medium grained, most of mafic minerals chage to chlorite, with pyrite dissemination, contents of sulfide is 1-2%, with chlorite and calcite stringers (10-20cm intervals, ∠40-80°)

125.0m Calcite+Chlorite vein: w=15-20mm, ∠90°

126.0m Qz veinlets: ∠20°

129.7-130.3m Andesite xenolith : contents of disseminated pyrite is 3%

138.0-138.6m Aplitic dyke: white colored, with pyrite dissemination, w=10cm, ∠55-70°

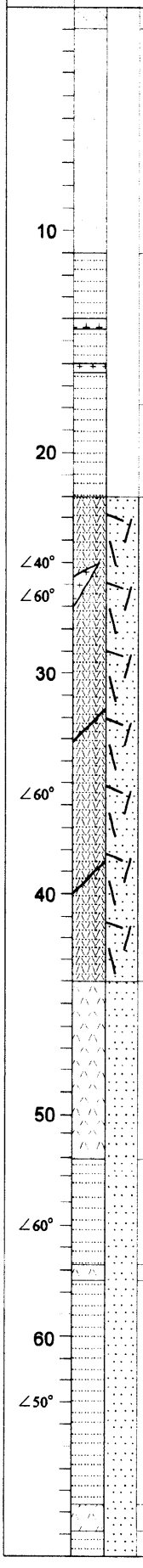
Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Specimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
KDD-2 70.7	70-71	11633	12823	-
	71-72	188	-	-
	72-73	74	-	-
	73-74	61	-	-
	74-75	148	-	-
	75-76	89	-	-
	76-77	68	-	-
	77-78	60	-	-
	78-79	216	-	-
	79-80	727	-	-
	80-81	276	301	-
	81-82	132	-	-
	82-83	142	-	-
	83-84	102	-	-
	84-85	103	-	-
	85-86	85	-	-
	86-87	65	-	-
	87-88	97	-	-
KDD-2 88.8	88-89	16	-	-
	89-90	45	-	-
	90-91	13	11	-
	91-92	14	-	-
	92-93	253	-	-
	93-94	15	-	-
	94-95	43	-	-
	95-96	6	-	-
	96-97	13	-	-
	97-98	73	-	-
	98-99	31	-	-
	99-100	50	-	-
	100-101	23	27	-
	101-102	13	-	-
	102-103	43	-	-
	103-104	20	-	-
	104-105	34	-	-
	105-106	23	-	-
	106-107	6	-	-
	107-108	<1	-	-
	108-109	1	-	-
	109-110	4	-	-
	110-111	5	1	-
	111-112	6	-	-
	112-113	9	-	-
	113-114	28	-	-
	114-115	19	-	-
	115-116	9	-	-
	116-117	129	-	-
	117-118	86	-	-
	118-119	25	-	-
	119-120	35	-	-
	120-121	32	27	-
	121-122	42	-	-
	122-123	22	-	-
	123-124	63	-	-
	124-125	41	-	-
	125-126	83	-	-
	126-127	385	-	-
	127-128	88	-	-
	128-129	48	-	-
	129-130	13	-	-
	130-131	107	87	-
	131-132	12	-	-
KDD-2 132.9	132-133	18	-	-
	133-134	7	-	-
	134-135	156	-	-
	135-136	79	-	-
	136-137	90	-	-
	137-138	22	-	-
	138-139	112	-	-
	139-140	84	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-2" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Spiecimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
		142.7	**142.2-150.0m Granodiorite:** greenish pale gray colored, biotite granodiorite, strongly chloritized and slightly sericitized, with calcite veinlets (∠15-80°) and a lot of chlorite veinlets, estimated contents of disseminated pyrite is 1%							140-141	16	32	-
										141-142	191	-	-
										142-143	13	-	-
										143-144	27	-	-
										144-145	18	-	-
										145-146	18	-	-
										146-147	113	-	-
										147-148	59	-	-
										148-149	24	-	-
150		150.0								149-150	28	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-3" (1/3)



0.0-1.05m Surface cover: brown colored, organic soil, including lateritic nodules

1.05-11.00m Saprolite: brown to brownish gray colored saprolite, including limonite in the upper part

11.0-17.8m Intensely weathered rock: brown to gray colored, strongly weathered granodiorite and sandstone, cracky core, debris?

17.8-22.0m Weathered sandstone: coarse grained, weathered sandstone, with iron oxide dissemination and quartz veinlets (∠55-70° , 5cm intervals)

22.0-52.0m Volcanic sandstone or andesitic tuff: dark gray to greenish dark gray colored, fine to medium grained, massive, including anhedral feldspar grains (diameter: 0.5-1mm), with graded bedding structure is (∠60° ±), feldspar grains are altered to chlorite, with many fractures filled with chlorite, calcite and iron oxide (1-3cm intervals, ∠20-80°), with minor veinlets of quartz (w=2-3mm, ∠60-80° , 20-50cm intervals), estimated contents of disseminated pyrite is 1-2% in volume

25.5m Apiritic dyke: disseminated by pyrite, w=1-3cm, ∠40°

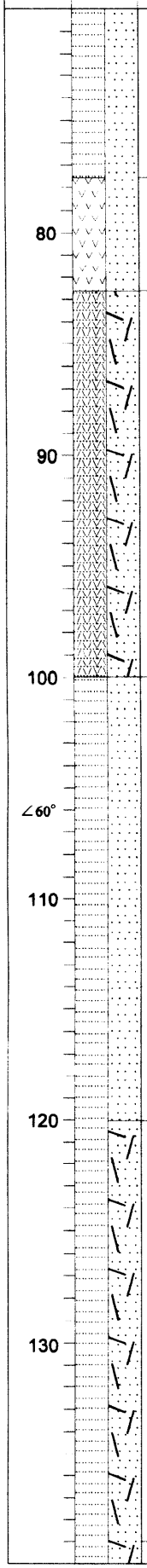
52.0-56.7, 57.0-67.6, 68.8-77.5m Muddy sandstone: dark gray colored schistosed (∠50-60°) muddy sandstone, including small amount of subhedral plagioclase grains, graded bedding structure is almost parallel to schistosity (∠60°), and this muddy sandstone contains thin layers of coarse grained sandstone, with calcite-chlorite veinlets along schistosity (0.5-3cm interval, ∠60-90°)

56.7-57.0, 67.6-68.8m Andesitic tuff: dark greenish gray colored, schistosed (∠60° ±) andesitic tuff, strongly chloritized, with chlorite amygdales (diameter: 1-2mm), and chlorite thin layers along schistosity (2-10cm interval), estimated contents of disseminated pyrite is 1%± in volume

Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Specimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
	0-1	59	-	-
	1-2	16	-	-
	2-3	12	-	-
	3-4	8	-	-
	4-5	13	-	-
	5-6	16	-	-
	6-7	29	-	-
	7-8	65	-	-
	8-9	25	-	-
	9-10	9	252	-
	10-11	33	-	-
	11-12	26	-	-
	12-13	18	-	-
	13-14	42	-	-
	14-15	18	-	-
	15-16	22	-	-
	16-17	24	-	-
	17-18	31	-	-
	18-19	18	-	-
	19-20	12	16	-
	20-21	2	-	-
	21-22	23	-	-
	22-23	1	-	-
	23-24	2	-	-
	24-25	2	-	-
	25-26	986	-	-
	26-27	49	-	-
	27-28	14	-	-
	28-29	<1	-	-
	29-30	<1	<1	-
	30-31	41	-	-
	31-32	16	-	-
	32-33	107	-	-
	33-34	25	-	-
	34-35	9	-	-
	35-36	6	-	-
	36-37	346	-	-
	37-38	170	-	-
	38-39	70	-	-
KDD-3 40.4	39-40	1749	1649	-
	40-41	109	-	-
	41-42	34	-	-
KDD-3 43.4	42-43	70	-	-
	43-44	2503	1503	1839
	44-45	30	-	-
	45-46	19	-	-
	46-47	35	-	-
	47-48	741	-	-
	48-49	16	-	-
	49-50	17	32	-
	50-51	9	-	-
	51-52	180	-	-
	52-53	621	-	-
	53-54	31	-	-
	54-55	20	-	-
	55-56	12	-	-
	56-57	31	-	-
	57-58	700	-	-
	58-59	596	-	-
	59-60	73	25	-
	60-61	86	-	-
	61-62	34	-	-
	62-63	26	-	-
	63-64	157	-	-
	64-65	25	-	-
	65-66	33	-	-
KDD-3 67.4	66-67	2620	1766	2222
	67-68	2330	2169	2332
	68-69	262	-	-
	69-70	50	402	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-3" (2/3)



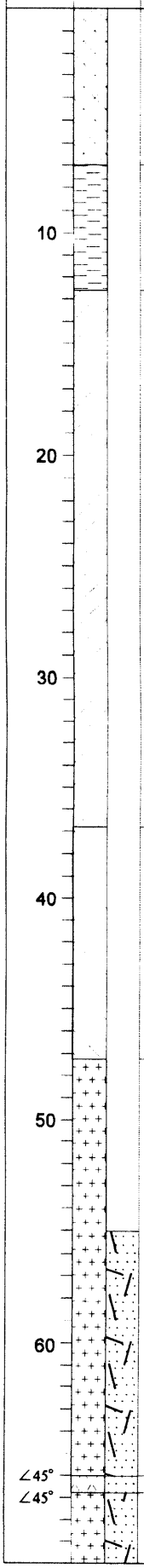
Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite
	52.0-56.7, 57.0-67.6, 68.8-77.5m Muddy sandstone: dark gray colored schistosed (∠50-60°) muddy sandstone, including small amount of subhedral plagioclase grains, graded bedding structure is almost parallel to schistosity (∠60°), and this muddy sandstone contains thin layers of coarse grained sandstone, with calcite-chlorite veinlets along schistosity (0.5-3cm interval, ∠60-90°)					
77.5	**77.5-82.7m Andesite:** dark green colored, coarse grained, strongly chloritized andesite, with traces of pyrite dissemination, including a lot of rounded amygdales of chlorite					
82.7	**82.7-100.0m Tuffaceous sandstone:** dark gray to dark greenish gray colored, fine to medium grained chloritized tuffaceous sandstone, with quartz-calcite veinlets (interval 1-5cm), total amount of sulfide<1%, estimated contents of disseminated pyrite is less than 1% in volume					
100.0	**100.0-120.0m Muddy sandstone:** dark green to dark gray colored muddy sandstone and thin layers of medium grained sandstone, graded bedding structure is observed (∠60°), with a lot of calcite veinlets (w=0.5mm, 2-3cm interval), and trace of quartz veinlets (barren, w=0.5-1cm, 200-500cm interval, ∠60-80°), open fracture (5-20cm, ∠50-90°) is filled with chlorite and calcite, estimated contents of disseminated pyrite is less than 1% in volume					
120.0	**120.0-150.0m Muddy sandstone:** gray colored, medium grained muddy graywacke, including some chlorite amygdale and feldspar fragments, with quartz-calcite veinlets and also schistosity filling chlorite, estimated contents of disseminated pyrite is less than 1% in volume					
139.0	**139.0-150.0m Muddy sandstone:** with quartz veinlets along schistosity (w=0.5-1cm, 30-100m interval, ∠50-70°), with arsenopyrite dissemination, contents of disseminated arsenopyrite is 2%± in volume					

Hand Spiecimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
	70-71	41	-	-
	71-72	34	-	-
	72-73	34	-	-
	73-74	74	-	-
	74-75	19	-	-
	75-76	71	-	-
	76-77	49	-	-
	77-78	29	-	-
	78-79	19	-	-
	79-80	80	74	-
	80-81	47	-	-
	81-82	15	-	-
	82-83	140	-	-
	83-84	450	-	-
	84-85	18	-	-
	85-86	1	-	-
	86-87	18	-	-
	87-88	2	-	-
	88-89	149	-	-
	89-90	255	244	-
	90-91	298	-	-
	91-92	1586	1512	2716
	92-93	17	-	-
	93-94	6	-	-
	94-95	2	-	-
	95-96	2	-	-
	96-97	1	-	-
	97-98	261	-	-
	98-99	1	-	-
KDD-3 100.8	99-100	331	70	-
	100-101	411	-	-
	101-102	36	-	-
KDD-3 103.2	102-103	64	-	-
	103-104	345	-	-
	104-105	24	-	-
	105-106	239	-	-
	106-107	270	-	-
	107-108	33	-	-
	108-109	14	-	-
	109-110	8	5	-
	110-111	14	-	-
	111-112	14	-	-
	112-113	18	-	-
	113-114	19	-	-
	114-115	38	-	-
	115-116	77	-	-
	116-117	53	-	-
	117-118	20	-	-
	118-119	418	-	-
	119-120	63	95	-
	120-121	77	-	-
	121-122	157	-	-
	122-123	300	-	-
	123-124	1262	1016	1597
	124-125	464	-	-
KDD-3 126.5	125-126	167	-	-
	126-127	5276	14980	15130
	127-128	16	-	-
	128-129	4	-	-
	129-130	16	13	-
	130-131	20	-	-
	131-132	25	-	-
	132-133	24	-	-
	133-134	14	-	-
	134-135	13	-	-
	135-136	4	-	-
	136-137	2	-	-
	137-138	30	-	-
	138-139	21	-	-
	139-140	130	380	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-3" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
			139.0-150.0m Muddy sandstone: with quartz veinlets along schistosity (w=0.5-1cm, 30-100m interval, ∠50-70°), with arsenopyrite dissemination, contents of disseminated arsenopyrite is 2%± in volume							140-141	127	-	-
										141-142	49	-	-
										142-143	111	-	-
										143-144	42	-	-
										144-145	95	-	-
										145-146	165	-	-
										146-147	281	-	-
∠60°			**147.5m Quartz vein:** with arsenopyrite dissemination, ∠60° , w=1cm						KDD-3 149.0	147-148	730	-	-
										148-149	2185	1715	1913
150		150.0								149-150	1235	1137	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-4" (1/3)



Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen
	0.0-7.0m Lateritic crust: red brown colored, indurated lateritic crust, showing conglomeratic texture, with fine grained silty matrix, including lateritic nodules						
7.0	**7.0-12.6m Mottled clay:** reddish brown to brown colored clay, including some yellow and white colored clay						
12.6	**12.6-36.9m Saprolite:** brownish gray to yellowish gray colored saprolite, soft and massive, dioritic texture can be observed						
36.9	**36.9-47.35m Strongly weathered rock:** brown to greenish brown colored strongly weathered rock, clearly showing granodiorite texture, massive, with iron oxide coating along fractures						
47.35	**47.35-66.0m Granodiorite:** dark gray to greenish dark gray colored, fine to medium grained Ho-Bi granodiorite, half of maffic minerals change to chlorite, contents of disseminated pyrite dissemination is less than 1%						
	47.35-55.0m Granodiorite: ∠20-60° fructures (5-20cm interval), coated by iron oxide						
	55.0-66.0m Granodiorite: most of mafic minerals change to chlorite, with quartz veinlets (w=0.2-0.5cm, 30-100cm interval, ∠20-60°), with trace of calcite-chlorite veinlets along open fracures (∠70°)						KDD-4 55.8
	66.0-66.65m Andesite tuff: dark gray colored, chloritized andesite tuff, showing weak foliation (∠60°), with pyrite dissemination and pyrite veinlets						
66.0 / 66.65	**66.65-77.3m Granodiorite:** fine grained granodiorite, all mafic (hornblende-biotite) minerals change to chlorite, with minor quartz veinlets (2-3m interval), with minor veinlets of chlorite+calcite, estimated contents of disseminated pyrite (diameter: 0.5-1mm) is 1%± in volume						
	68.0, 70.0,73.0m Quartz veinlets (w=5mm, ∠75-80°) and chlorite-calcite stringers						

Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
0-1	21	-	-
1-2	25	-	-
2-3	25	-	-
3-4	362	-	-
4-5	101	-	-
5-6	126	-	-
6-7	94	-	-
7-8	190	-	-
8-9	328	-	-
9-10	125	-	-
10-11	68	101	-
11-12	89	-	-
12-13	125	-	-
13-14	920	-	-
14-15	94	-	-
15-16	115	-	-
16-17	123	-	-
17-18	88	-	-
18-19	243	-	-
19-20	199	241	-
20-21	123	-	-
21-22	388	-	-
22-23	758	-	-
23-24	140	-	-
24-25	170	-	-
25-26	247	-	-
26-27	33	-	-
27-28	3303	40	-
28-29	562	-	-
29-30	50	219	-
30-31	49	-	-
31-32	175	-	-
32-33	124	-	-
33-34	196	-	-
34-35	156	-	-
35-36	239	-	-
36-37	216	-	-
37-38	158	-	-
38-39	131	-	-
39-40	82	97	-
40-41	127	-	-
41-42	329	-	-
42-43	340	-	-
43-44	288	-	-
44-45	218	-	-
45-46	157	-	-
46-47	1099	89	-
47-48	973	-	-
48-49	190	-	-
49-50	232	196	-
50-51	263	-	-
51-52	173	-	-
52-53	149	-	-
53-54	121	-	-
54-55	246	-	-
55-56	1189	806	-
56-57	361	-	-
57-58	98	-	-
58-59	119	-	-
59-60	137	136	-
60-61	31	-	-
61-62	44	-	-
62-63	51	-	-
63-64	765	-	-
64-65	25	-	-
65-66	21	-	-
66-67	58	-	-
67-68	557	-	-
68-69	59	-	-
69-70	720	650	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-4" (2/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
			66.65-77.3m Granodiorite: fine grained granodiorite, all mafic (hornblende-biotite) minerals change to chlorite, with minor quartz veinlets (2-3m interval), with minor veinlets of chlorite+calcite, estimated contents of disseminated pyrite (diameter: 0.5-1mm) is 1%± in volume							70-71	252	-	-
										71-72	139	-	-
										72-73	172	-	-
										73-74	206	-	-
										74-75	681	-	-
										75-76	69	-	-
		77.3								76-77	56	-	-
			77.3-79.5m Granodiorite: sparce network of calcite-chlorite (-pyrite), partly brecciated, estimated contents of disseminatted pyrite is 1%±							77-78	90	-	-
		79.5								78-79	536	-	-
80										79-80	127	-	-
										80-81	315	-	-
			79.5-94.2m Granodiorite: fine to medium grained, chloritized, granodiorite, with fractures (∠50-60° and ∠90°) coated by chlorite-calcite-pyrite at 2-10cm intervals, with 1-3mm thickness, with quartz-calcite-chlorite veinlets (∠70-80°, w=1cm±, without sulfide minerals), estimated contents of pyrite disseminaiton is less than 1%							81-82	220	-	-
										82-83	130	-	-
										83-84	207	-	-
										84-85	144	-	-
									KDD-4	85-86	479	-	-
									86.5	86-87	1818	1484	1543
										87-88	151	-	-
										88-89	221	-	-
90										89-90	121	113	-
										90-91	230	-	-
										91-92	952	-	-
			94.2m Quartz vein: coarse grained barren quartz vein (∠40°, w = 4cm), cut by fractures filled with chlorite							92-93	311	-	-
		94.2								93-94	206	-	-
			94.2-103.9m Granodiorite: dark gray-light gray colored, fine grained granodiorite, plagioclase>biotite>hornblende grain size is 1-2mm (diameter), without pyrite dissemination, all mafic minerals change to chlorite							94-95	68	-	-
										95-96	44	-	-
										96-97	70	-	-
										97-98	28	-	-
										98-99	26	-	-
100										99-100	88	60	-
										100-101	23	-	-
		102.3								101-102	14	-	-
			102.3m Quartz veinlets and clacite veinlets: ∠75°, w = 3mm							102-103	201	-	-
∠50°		103.9								103-104	40	-	-
		104.25	**103.9-104.25m Muddy sandstone:** light gray-greenish colored, medium grained sandstone, massive, very hard, xenolith?							104-105	12	-	-
										105-106	600	-	-
										106-107	4	-	-
			104.25-112.5m Granodiorite: greenish dark gray colored, fine grained (diameter: 1-2mm) granodiorite, hornblende-biotite granodiorite, strongly chloritized (all mafic mineral change to chlorite), without pyrite dissemination							107-108	30	-	-
										108-109	80	-	-
110										109-110	65	93	-
										110-111	65	-	-
∠55°		112.5	**112.5m** a lot of pyrite veinlets and quartz veinlets							111-112	52	-	-
										112-113	84	-	-
										113-114	160	-	-
			112.5-115.55m Andesite or volcanic sandstone: dark gray to dark greenish gray colored, fine grained rock, massive, with graded bedding (∠50°), with pyrite and pyrrhotite dissemination							114-115	593	-	-
∠45°		115.55								115-116	80	-	-
			115.55m quartz pyrite veinlets							116-117	<1	-	-
										117-118	11	-	-
										118-119	52	-	-
120										119-120	47	76	-
		120.5	**115.55-127.0m Granodiorite:** greenish dark gray to greenish light gray colored chloritized granodiorite, with sparse network of chlorite-calcite-quartz, with dissemination and veinlets of pyrite, with quartz veinlets (w = 1-2mm, ∠60° ±, 50cm interval), with open fractures filled with chlorite+pyrite, contents of sulfide is 1%± in volume							120-121	188	-	-
										121-122	166	-	-
		123.4								122-123	252	-	-
										123-124	143	-	-
										124-125	191	-	-
			120.5-123.4m Granodiorite: dense network of chlorite (5mm interval), showing brecciated structure, with pyrite-pyrrotite dissemination (1%±)							125-126	94	-	-
		127.0								126-127	5	-	-
										127-128	93	-	-
										128-129	89	-	
130										129-130	59	46	-
			127.0-140.5m Granodiorite: greenish dark gray colored, fine to medium grained, chloritized, granodiorite, partly showing foliation of ∠40°, with network of chlorite and calcite, with dissemination of pyrite>>pyrrhotite, with traces of quartz veinlets (w=2-3mm, ∠10-70°, 10-100cm intervals), estimated contents of sulfide is 1%±							130-131	69	-	-
										131-132	116	-	-
										132-133	15	-	-
∠40°										133-134	5	-	-
										134-135	16	-	-
										135-136	48	-	-
			137.1-137.6m Granodiorite: contents of pyrite is 2-3%							136-137	175	-	-
										137-138	47	-	-
										138-139	29	-	-
										139-140	116	78	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-4" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Spiecimen
		140.5	**140.5-142.3m Brecciated and Sheared zone:** dark green colored, strongly chloritized breccia and sheared zone, with arsenopyrite>pyrite dissemination, (3-4% in volume)						
		142.3	**142.3-145.4m Diorite:** dark green colored, strongly chloritized diorite, cracky core, with pyrite dissemination (2%± in volume)						
		145.4	**145.4-146.1m Seared zone:** greenish dark gray colored, strongly chloritized sheared rock, with quartz breccia, angle between core axe and schistosity is ∠145°						
∠55°		146.1	**146.1-148.9m Diorite:** strongly chloritized diorite, with chlorite network and quartz-calcite veinlets (10-50cm intervals)						
		148.9	**149.15-150.0m Brecciated zone:** with dense network of chlorite and calcite-quartz veinlets						
		149.15							
150									

Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
140-141	70	-	-
141-142	76	-	-
142-143	41	-	-
143-144	70	-	-
144-145	166	-	-
145-146	136	-	-
146-147	63	-	-
147-148	244	-	-
148-149	35	-	-
149-150	117	65	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-5" (1/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
			0.0-6.7m Lateritic crust: reddish brown colored, indurated lateritic crust, showing conglomeratic texture, with fine grained silty matrix, including lateritic nodules							0-1	201	-	-
										1-2	18	-	-
										2-3	87	-	-
										3-4	495	-	-
										4-5	55	-	-
										5-6	244	-	-
		6.7								6-7	628	-	-
			6.7-12.7m Mottled clay: brown colored clay, including some yellow and white colored clay, not indurated							7-8	361	-	-
										8-9	593	-	-
10										9-10	483	300	-
										10-11	262	-	-
										11-12	164	-	-
		12.7								12-13	226	-	-
			12.7-32.0m Saprolite: brownish to brownish yellow colored massive saprolite, slightly showing granitic texture							13-14	342	-	-
										14-15	307	-	-
										15-16	323	-	-
										16-17	79	-	-
										17-18	530	-	-
										18-19	161	-	-
20										19-20	157	131	-
										20-21	133	-	-
										21-22	82	-	-
										22-23	45	-	-
										23-24	648	-	-
										24-25	128	-	-
										25-26	76	-	-
										26-27	558	-	-
										27-28	61	-	-
										28-29	33	-	-
30										29-30	188	140	-
										30-31	150	-	-
		32.0								31-32	102	-	-
			32.0-39.0m Intensely weathered rock: brown colored, intensely weathered rock, sandy core							32-33	178	-	-
										33-34	119	-	-
										34-35	55	-	-
										35-36	101	-	-
										36-37	71	-	-
										37-38	91	-	-
		39.0								38-39	49	-	-
40			**39.0-44.4m Weathered granodiorite:** brown to reddish brown colored, weathered granodiorite, pebbly core							39-40	45	131	-
										40-41	71	-	-
										41-42	237	-	-
										42-43	71	-	-
		44.4								43-44	52	-	-
			44.4-52.6m Weathered granodiorite: brown colored, weathered granodiorite, with a lot of open fractures (2-5cm intervals) filled with iron oxide							44-45	49	-	-
										45-46	33	-	-
										46-47	366	-	-
										47-48	130	-	-
										48-49	93	-	-
50										49-50	120	121	-
										50-51	64	-	-
										51-52	119	-	-
		52.6	**52.6-57.05m Sheared rock:** dark gray to black colored, indurated sheared rock (∠45°), with coarse grained biotite (1-2mm), with veinlets of calcite (along sheared structure) and pyrite dissemination							52-53	41	-	-
∠45°										53-54	<1	-	-
										54-55	<1	-	-
			57.05-57.8m Brecciated zone: dark green colored breccia, with quartz breccia (diameter: 1-3cm)							55-56	2	-	-
		57.05								56-57	<1	-	-
		57.8	**57.8-60.7m Altered granodiorite:** reddish brown colored, medium grained granodiorite, felspar change to red colored mineral, most of mafic minerals (biotite>hornblende) change to chlorite							57-58	21	-	-
										58-59	33	-	-
60										59-60	32	43	-
		60.7	**60.7-65.7m Andesitic tuff:** black colored, fine grained andesitic tuff, including small amount of euhedral to subhedral plagioclase phenocryst, reddish brown colored tuff at the intervals of 63.7-65.7m							60-61	52	-	-
										61-62	81	-	-
		63.7								62-63	18	-	-
			65.7-68.3m Altered granodiorite: same to "57.8-60.7m"							63-64	20	-	-
		65.7								64-65	42	-	-
∠65°			**68.3-68.9m Brecciated zone:** intensely chloritized breccia, with quatz breccia (diameter: 1-10cm)							65-66	55	-	-
										66-67	106	-	-
		68.3	**68.9-71.4m Altered granodiorite:** same to "57.8-60.7m", with quatz veinlets (∠15° , ∠70° ±, w = 1mm, 10-40cm interval), with chlorite veinlets (∠60° ±, w = 1-5mm, 5-10cm intervals)							67-68	43	-	-
		68.9								68-69	65	-	-
										69-70	93	89	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-5" (2/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite
		71.4	**71.4-72.1m Brecciated zone:** with chlorite dense network					
		72.1	**72.1-74.0m Granodiorite:** light gray colored hornblende -biotite granodiorite, with quartz veinlets (∠10-20°, 50-100cm intervals), contents of pyrite dissemination is less than 1%					
		74.0						
		74.7	**74.0-74.7m Sheared rock:** ∠45°, with calcite veinlets					
		76.5						
		77.6	**74.7-76.5m Porphyry or fine grained diorite:** dark gray colored rock, with granodiorite dyke (∠45°, w = 5cm), weakly chloritized					
80			**76.5-77.6m Sheared rock and breccia:** sheared and brecciated rock, including quartz breccia, strongly chloritized					
		84.6	**77.6-84.6m Granodiorite:** dark green to greenish dark gray colored, fine to medium grained granodiorite, with quartz veinlets (∠10-35°, w = 5-10mm, 10-50cm interval) and a lot of chlorite -calcite veinlets (∠60-80°, w = 2mm±, 5-10cm interval), all mafic minerals change to chlorite, estimated contents of disseminated pyrite is 1-2% at 82m					
		88.7	**84.6-88.7m Silicified rock:** dark gray colored, fine grained rock, intensely silicified with pyrite-arsenopyrite dissemination (2-3% in volume), with quartz veinlets (∠10° ±, w=5-20mm, 10-30cm intervals)					
90		93.75	**88.7-93.75m Granodiorite:** dark gray colored, fine grained granodiorite, strongly chloritized, with pyrite-pyrrotite dissemination (1% in volume), with a lot of chlorite stringers and quartz veinlets (∠10-35°, w=0.5cm±, 30-50cm intervals)					
		97.4	**93.75-97.4m Sandstone:** dark gray colored, medium grained sandstone, including a lot of chloritized biotite, estimated contents of sulfide is 1-2% in volume					
100			**97.4-107.4m Granodiorite:** dark gray colored, fine grained granodiorite, with pyrite-pyrrotite dissemination (1%± in volume), and a lot of chlorite and carbonate stringers (∠20-80°, w = 0.2-0.5cm, 3-5cm interval), minerals are altered to chlorite					
		107.4	**107.4-111.5m Granodiorite:** greensih gray colored hornblende-biotite granodiorite, with dense network of chlorite, estimated contents of pyrite is less than 1%					
110		111.5	**111.5-118.0m Granodiorite:** greenish dark gray colored granodiorite, with quartz veinlets (∠40-60°, w = 5mm±, 20-40cm interval) and a lot of chlorite-calcite-pyrite stringers (∠70-80°, w = 1mm±)					
∠45°		118.0	**118.0-120.7m Sheared rock:** greenish dark gray colored, fine grained schistosed rock, with a lot of chloritized biotite					
120 ∠60°		120.7	**120.7-131.2m Granodiorite:** dark gray colored, chloritized, fine to medium grained granodiorite, with calcite network, with pyrite -arsenopyrite dissemination (1%± in volume), with gneissosed texture (∠45°)					
∠45°								
130		131.2	**131.2-134.7m Granodiorite:** light gray colored, strongly chloritized granodiorite, with chlorite-calcite network, brecciated structure at the intervals of 133.4-134.4m, including pyrite -arsenopyrite dissemination (1-2% in volume)					
		134.7	**134.7-143.7m, 145.0-150.0m Granodiorite:** dark gray colored, fine to medium grained (plagioclase>>biotite>hornblende, diameter: 1-2mm) granodiorite, with a lot of chlorite stringers (3-5cm intervals) and calcite veinlets (10-20cm intervals), with minor quartz veinlets (∠15-30°, w = 0.5-2cm, 100cm intervals), with pyrite >arsenopyrite dissemination (1%± in volume)					

Hand Spiecimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
	70-71	117	-	-
	71-72	44	-	-
	72-73	149	-	-
	73-74	127	-	-
	74-75	49	-	-
	75-76	35	-	-
	76-77	130	-	-
	77-78	8	-	-
	78-79	1	-	-
	79-80	187	348	-
	80-81	285	-	-
	81-82	38	-	-
	82-83	29	-	-
	83-84	45	-	-
	84-85	77	-	-
	85-86	58	-	-
	86-87	110	-	-
	87-88	33	-	-
	88-89	95	-	-
	89-90	59	13	-
	90-91	28	-	-
	91-92	27	-	-
	92-93	53	-	-
	93-94	236	-	-
	94-95	202	-	-
	95-96	144	-	-
	96-97	89	-	-
	97-98	31	-	-
	98-99	9	-	-
	99-100	24	90	-
	100-101	48	-	-
	101-102	37	-	-
	102-103	72	-	-
	103-104	15	-	-
	104-105	181	-	-
	105-106	39	-	-
	106-107	17	-	-
	107-108	33	-	-
	108-109	22	-	-
	109-110	12	33	-
	110-111	44	-	-
	111-112	27	-	-
	112-113	41	-	-
	113-114	14	-	-
	114-115	8	-	-
	115-116	74	-	-
	116-117	16	-	-
	117-118	91	-	-
	118-119	65	-	-
	119-120	32	33	-
	120-121	82	-	-
	121-122	112	-	-
	122-123	99	-	-
	123-124	533	-	-
	124-125	202	-	-
	125-126	119	-	-
	126-127	120	-	-
	127-128	85	-	-
	128-129	205	-	-
	129-130	246	205	-
	130-131	69	-	-
	131-132	523	-	-
KDD-5 133.4	132-133	260	-	-
KDD-5 133.6	133-134	1519	2126	-
KDD-5 135.2	134-135	120	-	-
	135-136	210	-	-
	136-137	96	-	-
	137-138	29	-	-
	138-139	136	-	-
	139-140	40	29	-

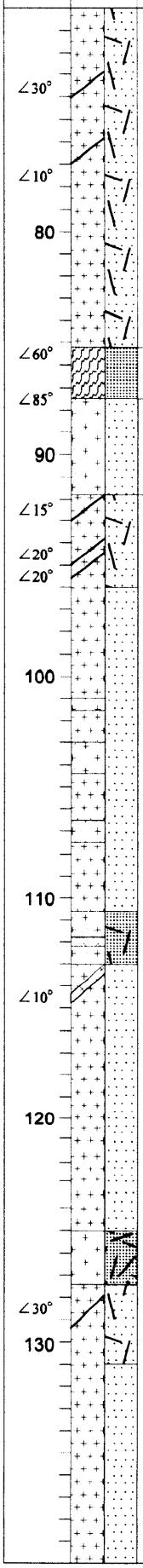
Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-5" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Spiecimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
		143.7	**134.7-143.7m, 145.0-150.0m Granodiorite:** dark gray colored, fine to medium grained (plagioclase>>biotite>hornblende, diameter: 1-2mm) granodiorite, with a lot of chlorite stringers (3-5cm intervals) and calcite veinlets (10-20cm intervals), with minor quartz veinlets (∠15-30°, w = 0.5-2cm, 100cm intervals), with pyrite >arsenopyrite dissemination (1%± in volume)						KDD-5 144.0	140-141	52	-	-
										141-142	116	-	-
										142-143	29	-	-
										143-144	469	-	-
		145.0								144-145	1057	1024	-
			143.7-145.0m Chloritized rock: intensely chloritized, fine grained rock, with chlorite dense network, with brecciated structure, estimated contents of disseminated arsenopyrite is 3% in volume							145-146	42	-	-
										146-147	176	-	-
										147-148	662	-	-
										148-149	253	-	-
150		150.0								149-150	187	105	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-6" (1/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
			0.0-11.0m Lateritic Crust: reddish brown colored, indurated crust, showing conglomeratic texture, including lateritic nodules							0-1	16	-	-
										1-2	8	-	-
										2-3	6	-	-
										3-4	9	-	-
										4-5	6	-	-
										5-6	10	-	-
										6-7	12	-	-
										7-8	9	-	-
										8-9	24	-	-
10										9-10	88	61	-
		11.0								10-11	44	-	-
			11.0-18.0m Mottled clay: brown to brownish yellow colored clay, including some brown colored iron rich material							11-12	213	-	-
										12-13	1378	32	-
										13-14	68	-	-
										14-15	71	-	-
										15-16	72	-	-
										16-17	74	-	-
		18.0								17-18	130	-	-
			18.0-33.3m Saprolite : brown to yellow colored, medium grained, massive saprolite, showing dioritic texture							18-19	463	-	-
20										19-20	279	79	-
										20-21	25	-	-
										21-22	555	-	-
										22-23	78	-	-
										23-24	180	-	-
										24-25	68	-	-
										25-26	519	-	-
										26-27	202	-	-
										27-28	227	-	-
										28-29	188	-	-
30										29-30	488	309	-
										30-31	258	-	-
										31-32	529	-	-
		33.0								32-33	1473	228	-
			33.0-40.1m Saprolite : white colored, fine grained saprolite							33-34	184	-	-
										34-35	371	-	-
										35-36	384	-	-
										36-37	329	-	-
										37-38	424	-	-
										38-39	899	-	-
40		40.1								39-40	496	523	-
			40.1-42.1m Granodiorite: greenish brown colored, medium grained, strongly weathered granodiorite							40-41	198	-	-
∠45°		42.1								41-42	125	-	-
			42.1-44.2m Silicified ryolite: gray to yellow colored, deeply weathered and slightly silicified rhyolite							42-43	74	-	-
∠85°		44.2								43-44	161	-	-
		45.1	**44.2-45.1m Granodiorite:** gray to greenish gray colored, medium grained and strongly weathered granodiorite							44-45	125	-	-
										45-46	141	-	-
			45.1m Brecciated granodiorite:							46-47	202	-	-
										47-48	140	-	-
			45.1-53.0m Silicified dacite: light gray colored, massive, intensely silicified dacite, with many open fractures (∠50-80°, 1-5cm intervals), including plagioclase phenocryst (1-2mm), with veinlets and dissemination of pyrite, contents of pyrite is 2-3% in volume							48-49	103	-	-
50										49-50	114	100	-
										50-51	191	-	-
										51-52	258	-	-
		53.0								52-53	365	-	-
			53.0-62.8m Leuco-granodiorite: light gray colored, weakly chloritized leuco-granodiorite, weakly weathered, with quartz veinlets (∠40-60°, w = 5-8mm, 100-150cm intervals), estimated contents of disseminated pyrite is less than 1% in volume							53-54	269	-	-
										54-55	360	-	-
										55-56	383	-	-
										56-57	701	-	-
										57-58	632	-	-
										58-59	352	-	-
60										59-60	596	681	-
										60-61	100	-	-
										61-62	96	-	-
		62.8								62-63	206	-	-
			62.8-85.2m Granodiorite: dark gray colored, fine to medium grained, strongly chloritized granodiorite, with pyrite -arsenopyrite dissemination (0-1% in volume), with chlorite-calcite -pyrite stringers (∠50-70°, 5-20cm intervals), with traces of quartz veinlets (∠30-60°, w = 5-10mm, 50-200cm intervals)							63-64	2414	1907	-
∠65°										64-65	542	-	-
										65-66	638	-	-
										66-67	382	-	-
									KDD-6 67.3	67-68	112	-	-
			65.0m Granodiorite: silicified vein, ∠70°, w = 20mm						KDD-6 69.3	68-69	882	-	-
										69-70	2052	2872	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-6" (2/3)



70.0-85.2m Granodiorite: alternation beds of dark gray fine grained granodiorite and white colored coarse grained granodiorite, 150-200cm intervals

85.2-87.5m Sheared rock: dark gray to dark greenish gray colored, fine grained rock, with clear foliation (∠60-80°), with pyrite veinlets (∠80°), with pyrite-arsenopyrite dissemination (1-3% in volume)

87.5-91.8m Schistosed granodiorite: this zone is transition zone between "85.2-87.5m sheared rock" and "91.8-142.3m granodiorite"

91.8-142.3m Granodiorite: alternation beds of two type of granodiorite (∠40-60°, 20-50cm interval)

gray colored, medium grained granodiorite: weakly chloritized hornblende-biotite granodiorite, with weak dissemination of pyrite (<1% in volume), with chlorite and pyrite stringers (∠60°, 10-50cm intervals), granitic rock texture is clear

dark gray colored, fine grained granodiorite or diorite: chloritized hornblende-biotite granodiorite or diorite, estimated contents of disseminated pyrite is 1%± in volume, granitic rock texture is not clear

113.0m Breccia: chloritized brecciated zone, with quartz veinlet (∠5-10°, w = 5mm), with arsenopyrite dissemination (2-3% in volume)

113.8m Aplite vein: ∠10°, w = 10cm

126.0m Sheared rock: ∠30°, w = 4cm, strongly chloritized rock, with pyrite dissemination (2-3% in volume)

127.0m Diorite: greenish dark gray, fine grained, intensely chloritized diorite or granodiorite, original rock texture is not clear due to intense chloritization and sulfide dissemination, estimated contents of pyrite> arsenopyrite is 3-5% in volume, with quartz vein (∠90°, w = 1cm, with pyrite aggregation, diameter: 5-10mm)

136.0-137.0m Fractured zone: open fractures (∠70-90°, 2-5cm intervals) filled with chlorite

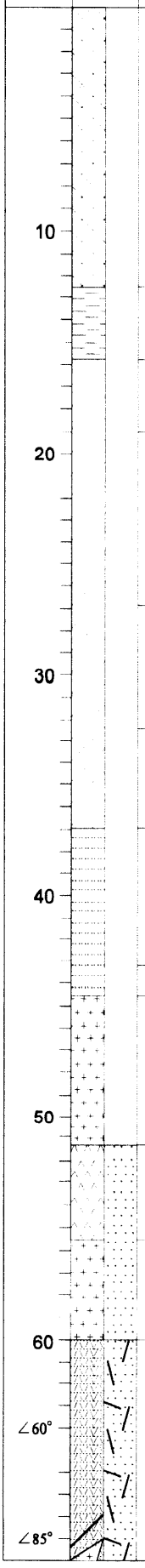
Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Specimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
	70-71	1094	984	-
	71-72	1100	795	-
	72-73	82	-	-
	73-74	120	-	-
	74-75	800	-	-
	75-76	32	-	-
	76-77	72	-	-
	77-78	50	-	-
	78-79	34	-	-
	79-80	402	382	-
	80-81	377	-	-
	81-82	55	-	-
	82-83	28	-	-
	83-84	24	-	-
	84-85	94	-	-
	85-86	38	-	-
	86-87	143	-	-
	87-88	100	-	-
	88-89	80	-	-
	89-90	26	45	-
	90-91	43	-	-
	91-92	94	-	-
	92-93	32	-	-
	93-94	22	-	-
	94-95	33	-	-
	95-96	160	-	-
	96-97	33	-	-
	97-98	16	-	-
	98-99	55	-	-
	99-100	61	57	-
	100-101	12	-	-
	101-102	622	-	-
	102-103	18	-	-
	103-104	23	-	-
	104-105	20	-	-
	105-106	36	-	-
	106-107	91	-	-
	107-108	99	-	-
	108-109	15	-	-
	109-110	23	25	-
	110-111	11	-	-
	111-112	90	-	-
	112-113	37	-	-
	113-114	20	-	-
	114-115	143	-	-
	115-116	135	-	-
	116-117	70	-	-
	117-118	63	-	-
	118-119	18	-	-
	119-120	77	108	-
	120-121	11	-	-
	121-122	1102	400	-
	122-123	52	-	-
	123-124	368	-	-
	124-125	327	-	-
KDD-6 126.2	125-126	1405	-	-
	126-127	364	318	-
KDD-6 128.0	127-128	269	254	-
	128-129	40	-	-
	129-130	30	35	-
	130-131	32	-	-
	131-132	207	-	-
	132-133	194	-	-
	133-134	37	-	-
	134-135	35	-	-
	135-136	53	-	-
	136-137	46	-	-
	137-138	29	-	-
	138-139	47	-	-
	139-140	59	19	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-6" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
			140.0m Calcite network:							140-141	83	-	-
		142.3								141-142	20	-	-
			142.3-146.7m Sheared rock: greenish dark gray colored, fine grained, indurated and strongly chloritized sheared rock, ∠45° , with calcite network							142-143	113	-	-
										143-144	20	-	-
∠45°										144-145	33	-	-
										145-146	49	-	-
		146.7								146-147	38	-	-
			146.7-149.4m Foliated granodiorite: dark gray colored, medium grained granodiorite, strongly chloritized granodiorite, with unclear texture							147-148	68	-	-
∠45°										148-149	63	-	-
		149.4								149-150	20	23	-
150			**149.4-151.7m Sheared rock:** gray to greenish gray colored, sheared and brecciated rock, strongly chloritized and sericitized, ∠45° ±, including brecciated quartz vein (∠35° , w = 15cm), estimated contents of disseminated pyrite and arsenopyrite is less than 1%							150-151	76	-	-
∠40°		151.7								151-152	39	-	-
∠40°										152-153	57	-	-
										153-154	52	-	-
∠40°										154-155	58	-	-
									KDD-6 156.0	155-156	23	-	-
			151.7-166.5m Granodiorite: dark green colored, coarse grained, strongly chloritized granodiorite, with chlorite and pyrite stringers (∠50-90° , 5-10cm intervals), all mafic minerals change to chlorite, with aggregations of chlorite spot (diameter: 5mm or more)							156-157	37	-	-
										157-158	109	-	-
										158-159	19	-	-
160										159-160	26	37	-
		160.7								160-161	207	-	-
∠65°		161.7	**160.7-161.7m Shear rock:** strongly chloritized sheared rock, with calcite network (∠60-70°)							161-162	78	-	-
∠10°										162-163	48	-	-
		164.1								163-164	18	-	-
		164.6	**164.1-164.6m Quartz vein:** ∠50-60° , w=5cm, including a lot of pyrite							164-165	276	-	-
		166.5								165-166	51	-	-
			166.5-168.8m Granodiorite: dark gray colored, fine grained, schistosed, with unclear texture, strongly chloritized, with arsenopyrite > pyrite dissemination (total amount=3%)							166-167	123	-	-
										167-168	110	-	-
		168.8								168-169	237	-	-
170			**168.8-170.7m Sheared rock:** dark gray to black colored, fine grained rock, ∠50° , intensely chloritized, including quartz breccia (diameter: 5-10cm)							169-170	36	21	-
		170.7								170-171	38	-	-
										171-172	89	-	-
			170.7-175.0m Granodiorite: dark gray colored, medium grained, chloritized granodiorite, with pyrite and chlorite dissemination (less than 1% in volume), with quartz vein at 174.5m (∠20° , w=1cm)							172-173	68	-	-
										173-174	135	-	-
		175.0								174-175	11	-	-
										175-176	57	-	-
			175.0-178.2m Granodiorite: dark gray colored, medium grained, chloritized granodiorite, with pyrite and chlorite stringers (∠70-90°), with traces of quartz veinlets (∠30° ±, w=5-10cm)							176-177	82	-	-
		178.2								177-178	34	-	-
										178-179	86	-	-
180										179-180	82	547	-
			178.2-191.7, 193.2-194.5, 196.5-197.5m Diorite?: dark gray colored, fine grained diorite, with foliation(∠50° ±), like a crystallized tuff, hornblende and biotite is completely replaced by chlorite, with pyrite dissemination and veinlets (1-2% in volume), with a lot of chlorite-pyrite(-calcite) stringers (∠45-60°)							180-181	19	-	-
										181-182	49	-	-
										182-183	16	-	-
										183-184	76	-	-
										184-185	132	-	-
										185-186	44	-	-
										186-187	144	-	-
										187-188	22	-	-
										188-189	41	-	-
190										189-190	318	65	-
										190-191	46	-	-
		191.7							KDD-6 192.6	191-192	80	-	-
			197.5-199.2m Granodiorite: greenish light gray colored, chloritized granodiorite, with chlorite stringers (∠65-85° ±, w=1mm, 0.5-2cm intervals), with traces of quartz veinlets (∠70-90° , w=3mm±), with pyrite >pyrrhotite dissemination							192-193	23	-	-
		193.2								193-194	64	-	-
		194.5								194-195	32	-	-
										195-196	28	-	-
		196.5								196-197	13	-	-
		197.5								197-198	58	-	-
			199.2-200.0m Andesite: black colored, fine grained andesite, with pyrite dissemination (2-3% in volume)							198-199	30	-	-
		199.2								199-200	72	94	-
		200.0											
200													

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-7" (1/3)



0.0-12.5m Lateritic crust: red brown colored, indurated crust, showing conglomeratic and vuggy texture, including iron oxide nodules and silty matrix

in the lower part, crust is soft due to some clay materials

12.5-15.8m Mottled clay: brown colored clay, including iron oxide nodules, including pink, white and yellow clay

15.8-19.0m Saprolite: pinkish yellow to brown colored, massive saprolite, with minor silicification along joints

19.0-26.8m Saprolite: pinkish brown colored, massive saprolite

26.8-32.4m Saprolite: pinkish brown to brownish yellow colored, massive saprolite

32.4-36.9m Saprolite: pinkish brown colored, massive saprolite

36.9-43.2m Weathered sandstone: brownish gray colored, strongly weathered arenite sandstone, weakly schistosed

43.2-44.6m Weathered sandstone: gray colored, medium grained, massive sandstone

44.6-51.4m Weathered granodiorite: brownish gray colored, medium grained (diameter: 2-3mm) granodiorite, hornblende-biotite granodiorite,

51.4-55.5m Diorite: dark gray colored, fine to medium grained (plagioclase>>biotite>hornblende) diorite, with weak chloritization and weak dissemination of pyrite

55.5-60.0m Granodiorite: light gray colored, medium grained (diameter: 2-3mm, plagioclase>>biotite>hornblende) granodiorite, with weak pyrite dissemination (less than 1% in volume), with joint filling chlorite and pyrite

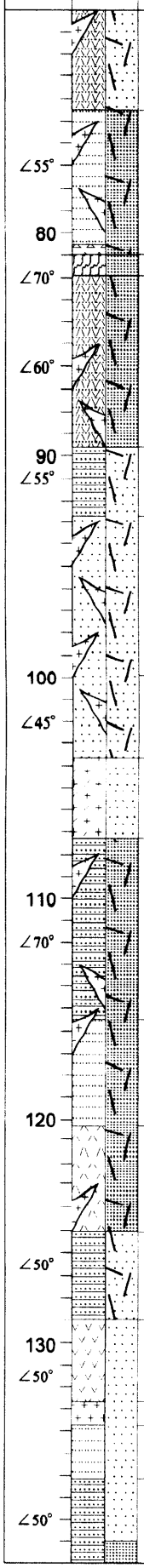
60.0-74.5m Tuff and muddysandstone: dark gray to black colored, fine grained rock, including a lot of feldspar grains (euhedral to subhedral, diameter: 1-4mm), with very fine grained pyrite (and minor arsenopyrite) dissemination, contents of sulfide is less than 1% in volume, with schistosity filling chlorite and pyrite veinlets (∠60°)

70.0m Granodiorite: small intrusive of granodiorite

Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen

Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
0-1	5	-	-
1-2	47	-	-
2-3	8	-	-
3-4	13	-	-
4-5	7	-	-
5-6	26	-	-
6-7	44	-	-
7-8	65	-	-
8-9	8	-	-
9-10	435	-	-
10-11	86	-	-
11-12	73	-	-
12-13	36	-	-
13-14	27	-	-
14-15	96	-	-
15-16	122	-	-
16-17	103	-	-
17-18	80	-	-
18-19	65	-	-
19-20	49	71	-
20-21	108	-	-
21-22	96	-	-
22-23	84	-	-
23-24	129	-	-
24-25	340	-	-
25-26	22	-	-
26-27	75	-	-
27-28	73	-	-
28-29	380	-	-
29-30	167	159	-
30-31	42	-	-
31-32	73	-	-
32-33	104	-	-
33-34	55	-	-
34-35	95	-	-
35-36	113	-	-
36-37	25	-	-
37-38	127	-	-
38-39	23	-	-
39-40	302	263	-
40-41	323	-	-
41-42	329	-	-
42-43	74	-	-
43-44	83	-	-
44-45	35	-	-
45-46	75	-	-
46-47	66	-	-
47-48	38	-	-
48-49	93	-	-
49-50	38	88	-
50-51	143	-	-
51-52	16	-	-
52-53	5	-	-
53-54	15	-	-
54-55	26	-	-
55-56	29	-	-
56-57	186	-	-
57-58	101	-	-
58-59	90	-	-
59-60	74	79	-
60-61	180	-	-
61-62	318	-	-
62-63	183	-	-
63-64	69	-	-
64-65	50	-	-
65-66	48	-	-
66-67	636	-	-
67-68	446	-	-
68-69	137	-	-
69-70	51	47	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-7" (2/3)



Description

74.5-81.0m Muddy sandstone: black colored, fine grained sandstone, with sparse network of quartz and chlorite, with small dykes of granodiorite, with pyrite dissemination and veinlet (along schistosity, ∠55-60°), estimated contents of sulfide is 1% or partly 2-3% in volume

81.0-81.8m Granodiorite: medium grained, hornblende -biotite granodiorite, with pyrite dissemination (2% in volume)

81.8m Sheared rock: indurated, ∠70°

81.8-89.6m Muddy sandstone and tuff: black colored, muddy sandstone, showing clear sedimentary structure with albite (diameter: 0.5-1mm) spots, ∠60° , with small intrusive of granodiorite, contents of pyrite>arsenopyrite dissemination is 1-2% in volume, someplaces more than 3%, with sparse network of quartz, open fractures are filled with chlorite and pyrite (5-20cm interval)

89.6-92.7m Muddy sandstone and shale: with schistosity filling pyrite, with sparse network of quartz, schistosity is ∠55° , contents of sulfide is 1%± in volume

92.7-99.8m Muddy sandstone and granodiorite: black colored, fine grained, massive sandstone, contents of pyrite is 0-1% in volume, with a lot of intrusives of granodiorite (w=5-10cm, irregular shaped)

99.8-100.0m Granodiorite: quartz network zone, sheared and brecciated

100.0-103.7m Muddy sandstone and granodiorite: same to interval of 92.7-99.8m rock, partly silicified

103.7-107.2m Granodiorite: light to dark gray colored, medium grained (diameter: 3-4mm), hornblende-biotite granodiorite, weakly schistosed, with weak dissemination of pyrite (1% in volume)

107.2-115.4m Alternation beds of shale and sandstone: dark gray to black colored, and pale green colored alternation beds, fine grained sandstone and shale, ∠70° , with sparse network of quartz, including thin layers of green schist, contents of pyrite and arsenopyrite is 1-2% in volume, with small dykes of granodiorite

115.4-120.3m Altered tuff: pale gray colored, fine grained tuff, with red hematite and chlorite network, with pyrite>>arsenopyrite dissemination (1%±, max 3% in volume), silicified and carbonatized

120.3-125.0m Fine tuff: dark green to pale green colored, tuff, with dense network of quartz, with chloritization and silicification, estimated contents of arsenopyrite>pyrite dissemination is 2%±, max 3% in volume

125.0-129.6m Alternation beds of shale and sandstone: dark greenish gray colored, fine grained sandstone and shale, strongly chloritized, ∠50° , with chlorite network and traces of quartz veinlets, estimated contents of pyrite>>arsenopyrite is 1%± in volume

129.6-132.6m Andesite: black colored, with clear foliation (∠50°), including deformed plagioclase phenocryst (diameter: 2-3mm) contents of pyrite>>arsenopyrite is less than 1%± in volume

132.6-133.7m Sandstone: greenish colored, strongly chloritized

133.7-136.1m Sandstone?: greenish light gray colored, massive sandstone, with strongly chloritization and pyrite> arsenopyrite dissemination (0-1% in volume)

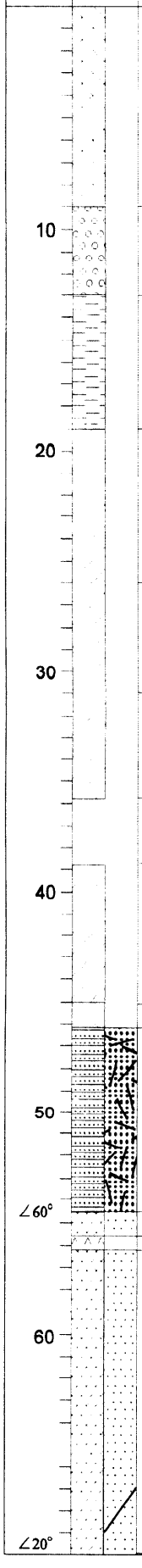
136.1-143.8m Alternation beds of sandstone and shale: light green to dark green colored, finely laminated rock, with schistosity filling chlorite and dissemination and veinlets of pyrite, with chlorite network, open fracture is filled with chlorite and pyrite, contents of disseminated pyrite and arsenopyrite is 1%±, sometimes 3%± in volume

Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
	70-71	84	-	-
KDD-7 71.6	71-72	3071	2950	3360
	72-73	3235	7170	4869
	73-74	59	-	-
	74-75	56	-	-
	75-76	45	-	-
	76-77	67	-	-
	77-78	177	-	-
	78-79	971	-	-
	79-80	952	962	-
KDD-7 80.4	80-81	1491	1844	1617
	81-82	240	-	-
	82-83	388	-	-
	83-84	119	-	-
	84-85	36	-	-
	85-86	895	-	-
	86-87	1021	1200	1543
	87-88	81	-	-
	88-89	124	-	-
	89-90	35	47	-
	90-91	126	-	-
	91-92	1035	1642	1577
KDD-7 92.6	92-93	4564	4400	2949
	93-94	750	-	-
	94-95	157	-	-
	95-96	122	-	-
	96-97	121	-	-
	97-98	42	-	-
	98-99	72	-	-
	99-100	87	34	-
	100-101	48	-	-
	101-102	97	-	-
	102-103	273	-	-
	103-104	293	-	-
	104-105	44	-	-
	105-106	95	-	-
	106-107	353	-	-
	107-108	493	-	-
	108-109	147	-	-
	109-110	870	620	-
	110-111	104	-	-
	111-112	90	-	-
	112-113	2027	1706	1509
	113-114	548	-	-
	114-115	35	-	-
KDD-7 116.0	115-116	7400	8640	10011
	116-117	2247	2636	3566
	117-118	1781	2180	2846
	118-119	92	-	-
	119-120	96	119	-
	120-121	89	-	-
	121-122	173	-	-
	122-123	282	-	-
KDD-7 124.2	123-124	1832	1600	1749
	124-125	9684	10600	10149
	125-126	1843	1500	1611
	126-127	128	-	-
	127-128	446	-	-
	128-129	75	-	-
KDD-7 130.3	129-130	315	391	-
	130-131	1375	1112	789
	131-132	510	-	-
	132-133	132	-	-
	133-134	43	-	-
	134-135	85	-	-
	135-136	37	-	-
	136-137	58	-	-
	137-138	49	-	-
	138-139	61	-	-
	139-140	55	131	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-7" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
			136.1-143.8m Alternation beds of sandstone and shale: light green to dark green colored, finely laminated rock, with schistosity filling chlorite and dissemination and veinlets of pyrite, with chlorite network, open fracture is filled with chlorite and pyrite, contents of disseminated pyrite and arsenopyrite is 1%±, sometimes 3%± in volume							140-141	478	-	-
										141-142	62	-	-
										142-143	15	-	-
		143.8								143-144	23	-	-
		145.5								144-145	9	-	-
			143.8-145.5, 149.0-149.5m Basalt : greenish dark gray colored, brecciated basalt							145-146	6	-	-
										146-147	<5	-	-
			145.5-149.0, 149.5-150.0m Andesite :coarse grained, strongly chloritized andesite, with a lot of quartz veinlets, contents of disseminated pyrite is less than 1% in volume							147-148	197	-	-
		149.0								148-149	<5	-	-
150		149.5								149-150	11	68	-
160													
170													
180													
190													
200													

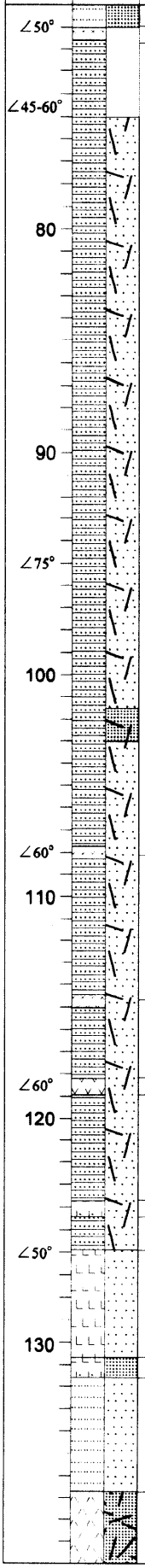
Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-8" (1/3)



Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite
	0.0-9.0m Lateritic crust: red to brown colored crust, silty matrix, including Fe-oxide nodules (diameter: some millimeter to more than 2cm), sometimes this crust shows vuggy texture					
9.0	**9.0-13.0m Lateritic carapace:** reddish brown colored carapace, including some clay material and also Fe nodules					
13.0	**13.0-19.0m Mottled clay:** brown colored mottled clay, with some iron oxide, including white, yellow and brown clay, not indurated					
19.0	**19.0-26.0m Saprolite:** reddish brown colored saprolite, fine to medium grained, massive, weakly schistosed (partly), original rock texture is obliterated due to intense weathering					
26.0	**26.0-31.0m Saprolite:** yellow colored, fine to medium grained saprolite, soft, massive, including some quartz grains					
31.0	**31.0m Fault or oxidised zone:**					
	31.0-35.8m Saprolite: brown colored saprolite, fine grained, soft, massive, with some joints					
35.8	**35.8-38.8m No Sample:**					
38.8	**38.8-45.0m Saprolite:** greenish gray to gray colored saprolite, soft, pasty and plastic					
45.0						
46.2	**45.0-46.2m Strongly weathered sandstone:** greenish gray colored, fine grained, massive rock, original texture (chloritized sandstone) is not clear due to intense weathering					
	46.2-54.4m Alternation beds of coarse grained sandstone and shale: dark gray colored, graded bedding plane is ∠60°, with arsenopyrite>pyrite disseminaiton (1-2%), with a lot of open fractures, including Fe-oxide films, with a lot of calcite-quartz veinlets (sparse network, ∠30-80°, w=1mm±)					
54.4	**54.4-55.5m Granodiorite:** gray colored granodiorite, coarse grained, massive, not deformed, not altered, with some sulfide dissemination along joints					
55.5						
56.2	**55.5-56.2m Gabbro:** black colored, coarse grained gabbro, xenolith?, showing mineral lineation (∠40°), with no magnetism, rock texture is not clear, contact plane with granodiorite is brecciated					
	56.2-69.9m Granodiorite: light gray colored, medium grained hornblende-biotite granodiorite, fresh, weakly chloritized, massive, with pyrite>>pyrrhotite dissemination, total amount of sulfide =1% ±					
	68.0m Quartz vein: ∠85°, w=3.5cm, with small amount of pyrite (-chlorite)					
69.9	**69.9-71.0m Muddy sandstone:** gray colored muddy sandstone, finely laminated, with pyrite dissemination (3%), with schistosity filling pyrite (∠30°)					

Hand Spiecimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
	0-1	8	-	-
	1-2	11	-	-
	2-3	6	-	-
	3-4	14	-	-
	4-5	20	-	-
	5-6	40	-	-
	6-7	48	-	-
	7-8	42	-	-
	8-9	94	-	-
	9-10	56	58	-
	10-11	140	-	-
	11-12	108	-	-
	12-13	96	-	-
	13-14	220	-	-
	14-15	110	-	-
	15-16	114	-	-
	16-17	101	-	-
	17-18	56	-	-
	18-19	48	-	-
	19-20	44	45	-
	20-21	34	-	-
	21-22	31	-	-
	22-23	48	-	-
	23-24	16	-	-
	24-25	12	-	-
	25-26	42	-	-
	26-27	41	-	-
	27-28	14	-	-
	28-29	41	-	-
	29-30	77	80	-
	30-31	14	-	-
	31-32	31	-	-
	32-33	35	-	-
	33-34	24	-	-
	34-35	81	-	-
	35-36	-	-	-
	36-37	-	-	-
	37-38	-	-	-
	38-39	66	-	-
	39-40	30	-	-
	40-41	42	-	-
	41-42	30	-	-
	42-43	17	16	-
	43-44	5	-	-
	44-45	13	-	-
	45-46	33	-	-
	46-47	24	-	-
	47-48	61	-	-
	48-49	40	-	-
	49-50	110	-	-
KDD-8 51.0	50-51	109	-	-
	51-52	65	-	-
	52-53	79	72	-
KDD-8 54.4	53-54	102	-	-
	54-55	850	-	-
	55-56	86	-	-
	56-57	57	-	-
	57-58	40	-	-
	58-59	51	-	-
	59-60	46	-	-
	60-61	11	-	-
	61-62	31	-	-
	62-63	110	43	-
	63-64	34	-	-
	64-65	90	-	-
	65-66	26	-	-
	66-67	55	-	-
	67-68	40	-	-
	68-69	20	-	-
	69-70	26	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-8" (2/3)



71.0-71.6m Granodiorite:

71.6-75.0m Muddy sandstone and shale: black colored shale, with folding segrigated quartz, including thin (w=20-30cm) layers of medium grained sandstone, open fracture is filled with chlorite at intervals of 20 to 50cm, sedimentary structure is ∠45-60° , with calcite veinlets, with minor quartz veinlets

75.0-125.9m Alternation beds of muddy sandstone and shale: weakly schistosed meta-sediment, black colored, with sparse network of quartz, (∠30° , w=0.5-1mm, 1-3cm intervals), with minor calcite veinlets, with pyrite >>arsenopyrite dissemination, very fine grained sulfide, sulfide content is estimated at <1% to 1% in volume

including coarse grained sandstone layers (5-20cm thickness), with graded bedding structure (∠50° ±), this sandstone layers contain a lot of plagioclase grain (diameter: 1mm), and these grains show weak foliation (∠50-60°)

most of quartz veinlets cut schistosity, but some quartz veinlets is parallel to schistosity, and they show micro-folding structure, like a segrigated quartz??

108.1m Aplitic dyke: ∠65° , w=2cm, with disseminaiton and network of pyrite around aplitic dyke

114.7m Aplitic dyke: creamy yellow colored aplitic dyke, ∠60° , w=2-3cm

118.2-118.7m Andesite: dark gray colored schistosed meta-andesite, (∠60° ±), containing chlorite spot (diameter: 2mm)

123.7-124.1m Porphyry: black colored, fine grained porphyry, including euhedral plagioclase phenocryst (diameter: 5-10mm), with pyrite and arsenopyrite dissemination (1%)

125.9-130.7m Dacite: light gray colored dacite, with clear foliation (∠55° ±), with dissemination of arsenopyrite>pyrite (1%), with black bands (∠55° ±, w=2-3mm), secondary biotite?

130.7-131.6m Dacite or porphyry: black colored dacite, including plagioclase megacrysts, showing weak lineation (∠50° ±), with intense dissemination (3%) of pyrite>>arsenopyrite, with chlorite and calcite veinlets

131.6-136.7m Muddy sandstone: black colored muddy sandstone, massive, with a lot of secondary biotite, with calcite veinlets (∠30-70° , w=1-2mm, 1-5cm interval), with pyrite dissemination (less than 1% in volume)

136.7-140.4m Andesite tuff?: greenish gray colored, fine grained rock, intensely carbonatized and chloritized rock, secondary biotite is altered to chlorite, with carbonate and chlorite network, estimated content of disseminated pyrite is 1 to 2%, partly brecciated

Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Specimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
	70-71	596	-	-
	71-72	52	-	-
	72-73	31	22	-
	73-74	58	-	-
	74-75	19	-	-
	75-76	47	-	-
	76-77	33	-	-
	77-78	20	-	-
	78-79	142	-	-
	79-80	19	-	-
	80-81	76	-	-
	81-82	17	-	-
	82-83	20	24	-
	83-84	27	-	-
	84-85	22	-	-
	85-86	1	-	-
	86-87	22	-	-
	87-88	24	-	-
	88-89	20	-	-
	89-90	27	-	-
	90-91	9	-	-
	91-92	9	-	-
	92-93	8	18	-
	93-94	41	-	-
	94-95	109	-	-
	95-96	71	-	-
	96-97	63	-	-
	97-98	28	-	-
	98-99	15	-	-
	99-100	31	-	-
	100-101	18	-	-
KDD-8 102.2	101-102	16	-	-
	102-103	45	43	-
	103-104	28	-	-
	104-105	21	-	-
	105-106	86	-	-
	106-107	31	-	-
	107-108	24	-	-
	108-109	11	-	-
	109-110	42	-	-
	110-111	43	-	-
	111-112	39	-	-
	112-113	29	33	-
	113-114	20	-	-
	114-115	21	-	-
	115-116	24	-	-
	116-117	62	-	-
	117-118	26	-	-
	118-119	18	-	-
	119-120	23	-	-
	120-121	13	-	-
	121-122	18	-	-
	122-123	42	40	-
	123-124	32	-	-
	124-125	30	-	-
	125-126	31	-	-
	126-127	71	-	-
	127-128	14	-	-
KDD-8 129.0	128-129	81	-	-
	129-130	180	-	-
KDD-8 131.2	130-131	51	-	-
	131-132	31	-	-
	132-133	66	45	-
	133-134	37	-	-
	134-135	175	-	-
	135-136	256	-	-
KDD-8 137.4	136-137	261	-	-
	137-138	270	-	-
	138-139	93	-	-
	139-140	32	-	-

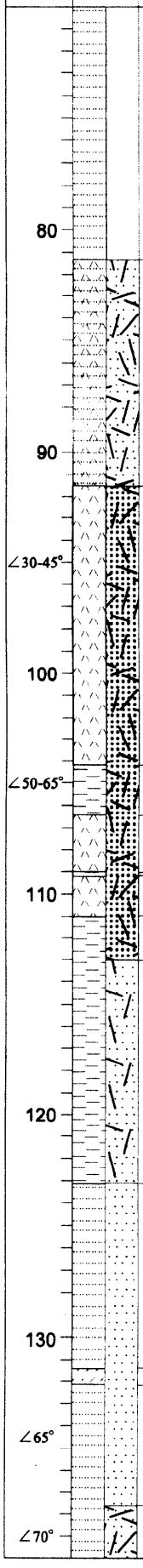
Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-8" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
		140.4	**140.4-143.4m Muddy sandstone:** black colored, massive sandstone, with chloritization, with chlorite and calcite veinlets							140-141	91	-	-
		142.9	**142.9-143.4m Muddy sandstone:** intensely chloritized rock and brecciated carbonatite							141-142	165	-	-
		143.4	**143.4-149.7m Muddy sandstone:** black colored, medium to coarse grained sandstone, massive, showing micro-granitic texture???, with a lot of secondary biotite, with arsenopyrite-pyrite dissemination (1-2% in volume)						KDD-8 144.0	142-143	12	31	-
		149.2	**149.2-149.7m Muddy sandstone:** medium grained sandstone, with a lot of quartz veinlets at intervals of 0.5-1cm							143-144	124	-	-
150		149.7	**149.7-150.0m Peritic schist :** with clear schistosity (∠65°)							144-145	1970	3165	-
										145-146	544	-	-
										146-147	515	-	-
										147-148	906	-	-
										148-149	532	-	-
										149-150	260	-	-
160													
170													
180													
190													
200													

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-9" (1/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)			
			0.0-12.0m Lateritic crust: reddish brown colored crust, hard, conglomeratic texture, with lateritic nodules in silty matrix, this crust sometimes shows vuggy texture							0-1	48	-	-			
										1-2	18	-	-			
										2-3	13	-	-			
										3-4	13	-	-			
										4-5	49	-	-			
										5-6	46	-	-			
										6-7	48	-	-			
										7-8	47	-	-			
										8-9	39	-	-			
10										9-10	57	54	-			
										10-11	36	-	-			
		12.0								11-12	610	-	-			
			12.0-15.0m Lateritic carapace: reddish brown colored carapace, not indurated, including some clay material and Fe-nodules							12-13	93	-	-			
										13-14	83	-	-			
		15.0								14-15	235	-	-			
			15.0-19.2m Mottled clay: brown colored clay, with a small amount of iron nodules, including white, yellow and brown colored clay							15-16	254	-	-			
										16-17	111	-	-			
										17-18	97	-	-			
		19.2								18-19	78	-	-			
20			**19.2-32.5m Saprolite:** pinkish brown to brown colored saprolite, massive and soft							19-20	23	21	-			
										20-21	50	-	-			
										21-22	29	-	-			
										22-23	33	-	-			
										23-24	40	-	-			
										24-25	36	-	-			
										25-26	32	-	-			
										26-27	58	-	-			
										27-28	43	-	-			
										28-29	34	-	-			
30										29-30	63	58	-			
										30-31	67	-	-			
		32.5								31-32	76	-	-			
			32.5-42.0m Saprolite: pink to yellow colored saprolite, fine grained, massive and soft, including small amount of Fe-nodules							32-33	45	-	-			
										33-34	43	-	-			
										34-35	37	-	-			
										35-36	35	-	-			
										36-37	57	-	-			
										37-38	42	-	-			
										38-39	47	-	-			
40										39-40	37	32	-			
										40-41	57	-	-			
		42.0								41-42	58	-	-			
			42.0-55.0m Saprolite or strongly weathered rock: greenish gray colored, massive and soft, with some joints							42-43	42	-	-			
										43-44	63	-	-			
										44-45	61	-	-			
										45-46	40	-	-			
										46-47	175	-	-			
										47-48	45	-	-			
										48-49	47	-	-			
50										49-50	62	88	-			
										50-51	30	-	-			
										51-52	30	-	-			
										52-53	82	-	-			
										53-54	40	-	-			
		55.0								54-55	40	-	-			
			55.0-81.3m Strongly weathered muddy sandstone: greenish yellow to greenish gray colored sandstone, massive, strongly weathered, including fine veinlets, segrigated quartz vein?, manganese(?) oxide films along joints							55-56	34	-	-			
										56-57	41	-	-			
										57-58	59	-	-			
										58-59	31	-	-			
60										59-60	35	29	-			
										60-61	36	-	-			
										61-62	24	-	-			
										62-63	37	-	-			
										63-64	42	-	-			
										64-65	13	-	-			
										65-66	4	-	-			
										66-67	16	-	-			
										67-68	45	-	-			
										68-69	12	-	-			
										69-70	4	7	-			

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-9" (2/3)



55.0-81.3m Strongly weathered muddy sandstone: greenish yellow to greenish gray colored sandstone, massive, strongly weathered, including fine veinlets, segrigated quartz vein?, manganese(?) oxide films along joints

81.3-91.5m Tuffaceous sandstone: greenish light gray colored, fine grained sandstone, massive, tuffaceous weakly silicified and chloritized, with iron oxide veinlets (1-2cm interval), with quartz veinlets (∠40-80°, w=5mm, 5-20cm interval), with small amount of calcite veinlets (∠65°), with a lot of open fracture filled with iron oxide, most of sulfide veinlets change to Fe-oxide

91.5-104.2m Fine tuff: green colored, fine grained tuff, massive, with weak schistosity (∠30-45°), with thin mud layer, with quartz network and pyrite veinlets (∠60° ±, 2-3cm interval), with pyrite and arsenopyrite dissemination

104.2-106.4, 109.0-109.2, 111.0-113.0m Shale: black colored peritic schist, schistosity (filled with pyrite, ∠50-65°), containing volcanic fragments (diameter: 1-3cm), with sparse network of quartz and pyrite>>arsenopyrite dissemination (1-3%)

113.0-123.1m Shale and muddy sandstone: with small amount of quartz veinlets, weakly chloritized, cracky core (1-5cm, RQD=0%), pyrite dissemination is very weak, sulfide content is less than 1% in volume

123.1-137.7m Muddy sandstone: weakly schistosed muddy sandstone, with schistosity filling pyrite, ∠65-40°, weakly chloritized cracky core (1-15cm), estimated content of dissemination pyrite is 1%± or less than 1%

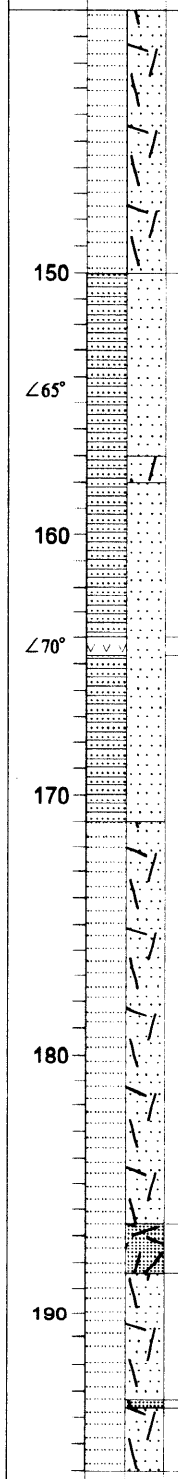
131.4-132.1m Granodiorite: light gray colored granodiorite, micro granite intrusion, cracky core

137.7-150.0m Muddy sandstone: black colored muddy sandstone with thin layers of peritic schist, with sparse network of quartz and traces of calcite veinlets (∠70-80°), schistosity (∠60-75°) is filled with disseminated pyrite, estimated contents of pyrite is less than 1% in volume, most of quartz veinlets (network) is parallel to schistosity, segregated quartz??

Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Specimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
	70-71	21	-	-
	71-72	6	-	-
	72-73	16	-	-
	73-74	9	-	-
	74-75	7	-	-
	75-76	24	-	-
	76-77	289	-	-
	77-78	312	-	-
	78-79	59	-	-
	79-80	16	35	-
	80-81	12	-	-
	81-82	2	-	-
KDD-9 83.1	82-83	20	-	-
	83-84	22	-	-
	84-85	4	-	-
	85-86	19	-	-
	86-87	15	-	-
	87-88	13	-	-
	88-89	30	-	-
	89-90	10	6	-
	90-91	18	-	-
	91-92	281	-	-
	92-93	440	-	-
	93-94	181	-	-
	94-95	321	-	-
	95-96	293	-	-
	96-97	35	-	-
	97-98	104	-	-
	98-99	52	-	-
KDD-9 100.0	99-100	208	190	-
	100-101	23	-	-
	101-102	39	-	-
	102-103	142	-	-
	103-104	153	-	-
KDD-9 105.4	104-105	16	-	-
	105-106	17	-	-
	106-107	13	-	-
KDD-9 108.2	107-108	9	-	-
KDD-9 109.5	108-109	2	-	-
	109-110	19	4	-
	110-111	4	-	-
	111-112	7	-	-
	112-113	8	-	-
	113-114	8	-	-
	114-115	5	-	-
	115-116	6	-	-
	116-117	4	-	-
	117-118	20	-	-
	118-119	5	-	-
	119-120	5	2	-
	120-121	3	-	-
	121-122	8	-	-
	122-123	6	-	-
KDD-9 124.6	123-124	4	-	-
	124-125	3	-	-
	125-126	9	-	-
	126-127	1	-	-
	127-128	7	-	-
	128-129	4	-	-
	129-130	23	10	-
	130-131	7	-	-
	131-132	338	-	-
	132-133	15	-	-
	133-134	6	-	-
	134-135	6	-	-
	135-136	5	-	-
	136-137	7	-	-
	137-138	6	-	-
	138-139	6	-	-
	139-140	9	4	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-9" (3/3)



137.7-150.0m Muddy sandstone: black colored muddy sandstone with thin layers of peritic schist, with sparse network of quartz and traces of calcite veinlets (∠70-80°), schistosity (∠60-75°) is filled with disseminated pyrite, estimated contents of pyrite is less than 1% in volume, most of quartz veinlets (network) is parallel to schistosity, segregated quartz??

150.0-171.0m Alternation beds of muddy sandstone and shale: angle of schistosity is ∠60-80° , with calcite veinlets (∠0-60° , 3-5cm intervals), with small amount of quartz veinlets, with schistosity filling pyrite, estimated contents of sulfide is less than 1% in volume

163.9-164.4m Andesite: slightly chloritized andesite, fine grained

171.0-196.0m Muddy sandstone: dark gray colored, muddy sandstone, with weak schistosity (∠60-70°), with segrigated quartz along schistosity (2-10cminterval), with pyrite veinlets and schistosity filling pyrite, with minor pyrite dissemination, estimated contents of pyrite is 1%± or less than 1%

186.5-188.5, 193.3-193.6m Muddy sandstone: muddy sandstone intensely disseminated by pyrite>>arsenopyrite, with pyrite veinlets, estimated contents of sulfide is 2%± in volume, with quartz and pyrite veinlets (∠50-60° , w=2mm)

Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

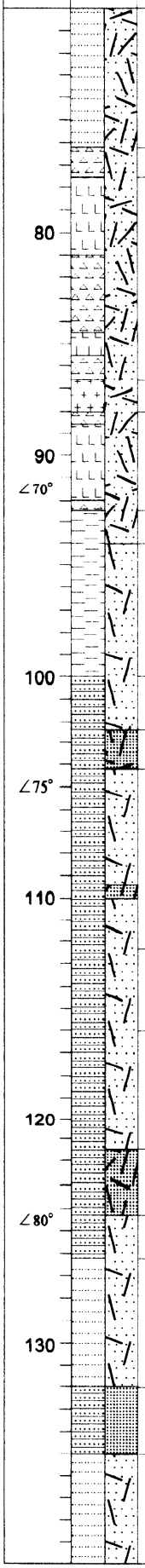
Hand Spiecimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
	140-141	<1	-	-
	141-142	8	-	-
	142-143	5	-	-
	143-144	8	-	-
	144-145	50	-	-
	145-146	22	-	-
	146-147	4	-	-
	147-148	2	-	-
	148-149	37	-	-
	149-150	13	8	-
	150-151	<1	-	-
	151-152	7	-	-
	152-153	9	-	-
	153-154	4	-	-
	154-155	6	-	-
	155-156	3	-	-
	156-157	5	-	-
	157-158	10	-	-
KDD-9 159.7	158-159	28	-	-
	159-160	5	1	-
	160-161	6	-	-
	161-162	13	-	-
	162-163	13	-	-
	163-164	11	-	-
	164-165	8	-	-
	165-166	10	-	-
	166-167	4	-	-
	167-168	10	-	-
	168-169	13	-	-
	169-170	15	23	-
	170-171	19	-	-
	171-172	31	-	-
	172-173	16	-	-
KDD-9 174.0	173-174	13	-	-
	174-175	21	-	-
	175-176	13	-	-
	176-177	21	-	-
	177-178	11	-	-
	178-179	8	-	-
	179-180	60	9	-
	180-181	11	-	-
	181-182	5	-	-
	182-183	9	-	-
	183-184	8	-	-
	184-185	<1	-	-
	185-186	3	-	-
	186-187	6	-	-
	187-188	6	-	-
	188-189	9	-	-
KDD-9 190.4	189-190	22	8	-
	190-191	10	-	-
	191-192	9	-	-
KDD-9 193.5	192-193	20	-	-
	193-194	13	-	-
	194-196	8	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-10" (1/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Specimen
			0.0-5.2m Lateritic carapace: brown colored indurated carapace, including a lot of lateritic gravels, diameter of gravels is sometimes more than 5cm						
		5.2	**5.2-9.4m Mottled clay:** brown to yellow colored soft clay, including white, yellow and brown colored clay						
		9.4	**9.4-19.7m Saprolite:** brown colored saprolite, fine grained and massive, soft, including clay material						
10									
		19.7	**19.7-29.0m Saprolite:** greenish brown colored saprolite, fine grained, massive and soft, partly schistosed, original rock may be metasandstone						
20									
		29.0	**29.0-34.4m Saprolite:** brownish yellow colored saprolite, soft, fine grained and massive, original rock is metasandstone?						
30									
		34.4	**34.4-50.0m Saprolite:** green to greenish brown colored saprolite, fine grained, massive and soft, this saprolite locally shows schistosity and sedimentary textures, original rock is metasandstone						
40									
		50.0	**50.0-58.0m Saprolite:** gray colored saprolite, locally schistosed, including some brown colored joints with iron hydroxide films, partly silicified, with quartz veinlets						
50									
		58.0	**58.0-67.9m Muddy sandstone:** gray to dark gray colored muddy sandstone, schistosed (∠65-70°), strongly weathered rock, with iron oxide dissemination, with graded bedding						
60									
∠65°									
		67.9	**67.9-76.15m Sandstone:** gray colored, weathered sandstone, massive, with quartz-calcite-iron oxide network, schistosity and sedimentary structure is clear (∠70-80°), calcite veinlets cut the quartz veinlets, partly brecciated						
∠70°									

Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
0-1	21	-	-
1-2	11	-	-
2-3	16	11	-
3-4	21	-	-
4-5	29	-	-
5-6	19	-	-
6-7	16	-	-
7-8	28	-	-
8-9	274	-	-
9-10	13	-	-
10-11	24	-	-
11-12	22	-	-
12-13	19	18	-
13-14	14	-	-
14-15	11	-	-
15-16	7	-	-
16-17	10	-	-
17-18	5	-	-
18-19	13	-	-
19-20	15	-	-
20-21	273	-	-
21-22	23	-	-
22-23	24	24	-
23-24	38	-	-
24-25	17	-	-
25-26	11	-	-
26-27	13	-	-
27-28	19	-	-
28-29	23	-	-
29-30	14	-	-
30-31	18	-	-
31-32	22	-	-
32-33	11	11	-
33-34	3	-	-
34-35	9	-	-
35-36	6	-	-
36-37	10	-	-
37-38	7	-	-
38-39	12	-	-
39-40	11	-	-
40-41	7	-	-
41-42	38	-	-
42-43	18	26	-
43-44	8	-	-
44-45	7	-	-
45-46	50	-	-
46-47	13	-	-
47-48	11	-	-
48-49	11	-	-
49-50	14	-	-
50-51	23	-	-
51-52	9	-	-
52-53	10	36	-
53-54	5	-	-
54-55	9	-	-
55-56	0	-	-
56-57	7	-	-
57-58	4	-	-
58-59	5	-	-
59-60	17	-	-
60-61	4	-	-
61-62	9	-	-
62-63	11	3	-
63-64	31	-	-
64-65	14	-	-
65-66	19	-	-
66-67	7	-	-
67-68	5	-	-
68-69	4	-	-
69-70	1	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-10" (2/3)



Description

67.9-76.15m Sandstone: gray colored, weathered sandstone, massive, with quartz-calcite-iron oxide network, schistosity and sedimentary structure is clear (∠70-80°), calcite veinlets cut the quartz veinlets, partly brecciated

76.15-86.6m Silicified ryolite: light gray colored, intensely silicified ryolite, with a lot of plagioclase>>quartz phenocryst (diameter: 1mm±), with pyrite dissemination (1%± in volume, very fined grained), brecciated with a lot of open fractures

76.15-77.5m Silicified ryolite: silicification and kaolinization (kaolinization stage is after silicification)

86.6-88.0m Diorite: original rock texture is obliterated due to intense chloritization and brecciation

88.0-92.5m Silicified ryolite: light gray colored, intensely silicified ryolite, with a lot of plagioclase>>quartz phenocryst (diameter: 1mm±), with pyrite dissemination (1%± in volume, very fined grained), brecciated with a lot of open fractures

92.5-100.0m Shale: black colored, fine grained shale, with very weak schistosity, with pyrite stringers, with small amount of quartz>calcite veinlets, ∠30-80°, estimated contents of pyrite is 0 to 1%

92.5-94.0m Silicified zone: weakly silicified zone with quartz network

100.0-126.2m Alternation beds of muddy sandstone and shale: black colored muddy sandstone and shale, with weak schistosity (∠70-90°), with quartz stringers and quartz-pyrite veinlets (∠60° ±, 1-5cm intervals, w=1-3mm) and calcite-chlorite (or chlorite-pyrite) stringers (∠70-90°, 10cm± intervals), with schistosity filling pyrite, with dissemination (< 1%) and network of pyrite

102.3-104.2m Quartz network zone: with pyrite dissemination, (2%±)

112.3-117.0m Muddy sandstone: black colored, weakly schistosed (∠70-80°) muddy sandstone, with quartz(-pyrite) veinlets (∠60° ±, 3-10cm intervals, w=0.5-2mm), estimated contents of schistosity filling pyrite is less than 1% in volume, open fractures are filled with chlorite(-pyrite)

121.5-124.3m Quartz network: quartz sparse network (∠15-65°, w=3-5mm), with pyrite dissemination (1%) and schistosity filling pyrite

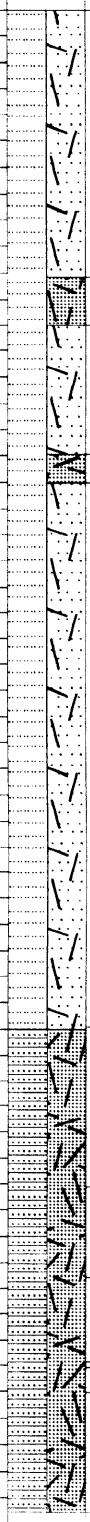
126.2-158.0m Sandstone: dark gray colored sandstone, with schistosity (∠80° ±) filling pyrite, with quartz veinlets (∠60° ±, 5-30cm interval, not folding), with vertical veinlets of chlorite and pyrite

132.0-135.0m Alternation beds of muddy sandstone and Shale: alternation beds of thick sandstone layers and thin shale layers, schistosity is ∠80-90°, with schistosity filling pyrite

Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Specimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
	70-71	49	-	-
	71-72	3	-	-
	72-73	3	4	-
KDD-10 74.7	73-74	16	-	-
	74-75	18	-	-
	75-76	20	-	-
	76-77	26	-	-
	77-78	80	-	-
	78-79	5	-	-
	79-80	8	-	-
	80-81	3	-	-
	81-82	13	-	-
	82-83	5	14	-
	83-84	4	-	-
	84-85	8	-	-
	85-86	7	-	-
	86-87	12	-	-
	87-88	6	-	-
	88-89	8	-	-
	89-90	18	-	-
KDD-10 91.5	90-91	10	-	-
	91-92	9	-	-
	92-93	13	11	-
	93-94	9	-	-
	94-95	8	-	-
	95-96	7	-	-
	96-97	5	-	-
	97-98	11	-	-
	98-99	11	-	-
	99-100	5	-	-
	100-101	12	-	-
	101-102	7	-	-
KDD-10 103.0	102-103	33	9	-
	103-104	7	-	-
	104-105	30	-	-
	105-106	2	-	-
	106-107	9	-	-
	107-108	13	-	-
	108-109	5	-	-
	109-110	33	-	-
	110-111	27	-	-
	111-112	8	-	-
	112-113	7	8	-
	113-114	7	-	-
	114-115	14	-	-
	115-116	11	-	-
	116-117	12	-	-
	117-118	25	-	-
	118-119	25	-	-
	119-120	15	-	-
	120-121	36	-	-
	121-122	64	-	-
KDD-10 124.0	122-123	41	42	-
	123-124	33	-	-
	124-125	25	-	-
	125-126	52	-	-
	126-127	27	-	-
	127-128	21	-	-
	128-129	7	-	-
	129-130	29	-	-
	130-131	16	-	-
	131-132	34	-	-
	132-133	15	12	-
	133-134	13	-	-
	134-135	7	-	-
	135-136	9	-	-
	136-137	17	-	-
KDD-10 138.7	137-138	8	-	-
	138-139	115	-	-
	139-140	2	-	-

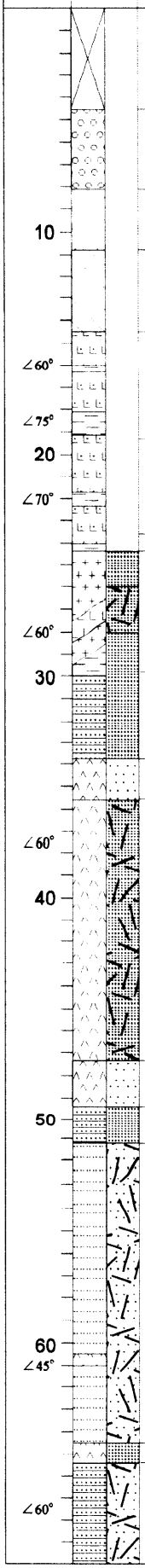
Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-10" (3/3)



Scale (m)	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite
		126.2-158.0m Sandstone: dark gray colored sandstone, with schistosity (∠80° ±) filling pyrite, with quartz veinlets (∠60° ±, 5-30cm interval, not folding), with vertical veinlets of chlorite and pyrite					
150	150.2	**150.2-152.0m Quartz network:** quartz network zone with pyrite dissemination, pyrite contents is 1-2% in volume					
	152.0						
	156.9	**158.9-158.0m Quartz network:** quartz network zone with pyrite dissemination, pyrite contents is 1-2% in volume					
	158.0						
160		**158.0-179.0m Muddy sandstone:** black colored muddy sandstone, with minor pyrite dissemination, with weak schistosity (∠70-80°), including quartz veinlets (∠40-70° and ∠90° , w=3-5mm, 5-20cm intervals) and sparse network (w<1mm, 2-5cm interval), weakly chloritized, pyrite concentrates within or around quartz veinlets, chlorite films along open fracture (∠80°)					
∠75°							
170							
	179.0						
180		**179.0-197.65m Alternation beds of shale and muddy sandstone:** alternation beds of schale and muddy sandstone (10-20cm thickness), with sparse network of quartz(-pyrite) (∠15-90° , w=2-5mm), with a lot of pyrite stringers (along schistosity and quartz veinlets), with pyrite dissemination, with small amount of arsenopyrite, with minor calcite(-chlorite) veinlets, estimated contents of sulfide = 2%±					
	185.3	**185.3m Quartz (-pyrite-chlorite):** w=2.5cm, ∠75°					
	188.5	**188.5m Network of calcite(-pyrite):** calcite veinlets cut the quartz veinlets					
190							
	191.8	**191.8m Alternation Beds of Peritic Schist and Metagraywacke:** muddy sandstone with strong pyrite dissemination (2%)					
	192.0						
	193.0	**192.0-193.0m Strongly chloritized zone:** strongly chloritized zone, chlorite dense network, with quartz veinlets					
	197.65						
200							

Hand Specimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
	140-141	8	-	-
	141-142	4	-	-
	142-143	3	4	-
KDD-10 144.3	143-144	4	-	-
	144-145	135	-	-
	145-146	2	-	-
	146-147	2	-	-
	147-148	24	-	-
	148-149	7	-	-
	149-150	28	-	-
	150-151	6	-	-
	151-152	1	-	-
	152-153	5	66	-
	153-154	22	-	-
KDD-10 155.5	154-155	13	-	-
	155-156	14	-	-
	156-157	13	-	-
	157-158	13	-	-
	158-159	15	-	-
	159-160	14	-	-
	160-161	13	-	-
	161-162	24	-	-
	162-163	17	17	-
	163-164	25	-	-
	164-165	42	-	-
	165-166	15	-	-
	166-167	11	-	-
	167-168	18	-	-
	168-169	18	-	-
	169-170	45	-	-
	170-171	16	-	-
	171-172	16	-	-
	172-173	25	13	-
KDD-10 174.5	173-174	2	-	-
	174-175	3	-	-
	175-176	0	-	-
	176-177	128	-	-
KDD-10 179.0	177-178	0	-	-
	178-179	3	-	-
	179-180	3	-	-
	180-181	6	-	-
	181-182	13	-	-
	182-183	5	11	-
	183-184	4	-	-
	184-185	8	-	-
	185-186	7	-	-
KDD-10 188.0	186-187	5	-	-
	187-188	7	-	-
	188-189	10	-	-
	189-190	16	-	-
KDD-10 191.8	190-191	7	-	-
	191-192	19	-	-
	192-193	13	10	-
	193-194	30	-	-
	194-195	14	-	-
	195-196	27	-	-
	196-197	36	-	-
	197-198	32	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-11" (1/3)



0.0-4.5m Surface cover: dark brown colored soil, silty material, including lateritic nodules and organic material

4.5-8.1m Lateritic carapace: brown colored, silty soil, including a lot of lateritic nodules and fragments of saprolitised rock, this layer is slightly indurated

8.1-10.8m Saprolite: yellow colored saprolite, fine grained, massive and soft, original rock is estimated to be muddy sandstone

10.8-14.5m Saprolite: green colored, medium to coarse grained saprolite of diorite inclusion, strongly weathered rock

14.5-24.3m Weathered porphyry and shale: cracky core, brown colored strongly weathered porphyry and shale, shale is black colored and contains a lot of segrigated quartz veins (∠65-70°), porphyry is sometimes silicified and shows fine grained rhyolitic texture, with weak chloritization

24.3-29.8m Granodiorite or diorite: gray to dark gray colored, biotite-hornblende granodiorite or diorite, medium grained, with pyrite dissemination (1-2%), with small amount of arsenopyrite dissemination, with strongly silicified dacite dyke (∠60°)

29.8-33.6m Muddy sandstone and shale: black colored muddy sandstone and shale, with pyrite dissemination (1-2%) and pyrite veinlets (along schistosity), with chlorite-pyrite veinlets along vertical open fractures

33.6-35.6m Diorite: strongly chloritized hornblende diorite, medium grained, massive, total contents of pyrite is 1%± in volume

35.6-47.3m Muddy sandstone and shale: black colored muddy sandstone and thin layers of shale, with weak schistosity (∠60° ±)

muddy sandstone contains subhedral plagioclase fragments (diameter: 0.5-1.0mm), with schistosity filling pyrite, with arsenopyrite>>pyrite disseminaiton along quartz veinlets (2-5cm intervals), with sparse network of quartz and chlorite, estimated contents of sulfide is 1-2%

42.5m Quartz vein: quartz with chlorite and pyrite, (∠60° , w=4cm)

47.3-49.4m Diorite : strongly chloritized diorite (same to 33.6-35.6mm), boundary between diorite and sandstone is parallel to sandstone bedding

49.4-51.1m Shale and muddy sandstone: intense dissemination of pyrite and schistosity filling pyrite, estimated contents of pyrite is 3-5% in volume

51.1-64.5m Muddy sandstone: black colored muddy sandstone, with sparse network (2-5cm intervals) of quartz with dissemination of pyrite and arsenopyrite, estimated contents of sulfide is <1%, with minor veinlets of calcite (∠60°)

61.9m Felsic Tuff: light gray colored, thin layer (w=4cm) of schistosed felsic tuff

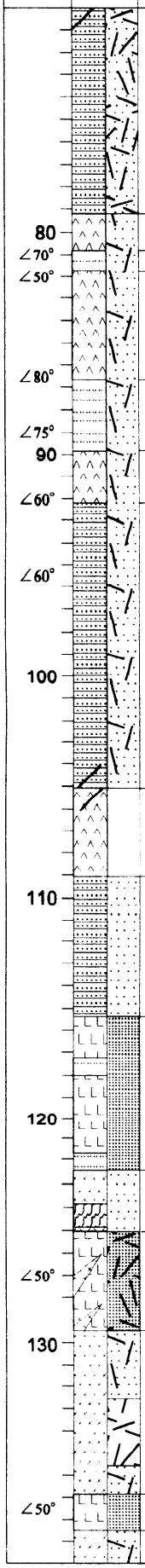
64.5-65.4m: Diorite: intensely chloritized massive diorite, with pyrite dissemination (1-2% in volume)

65.4-79.25m Muddy sandstone and shale: dark gray colored muddy sandstone and thin layers of peritic schist , shistosed (∠60°), with pyrite>>arsenopyrite dissemination and veinlets, with sparse network of quartz>>calcite, with chlorite-calcite-pyrite veinlets (along open fracture, ∠60°), estimated contents of sulfide is 1%±

Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite

Hand Spiecimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
	0-1	155	-	-
	1-2	74	-	-
	2-3	174	-	-
	3-4	149	-	-
	4-5	106	60	-
	5-6	40	-	-
	6-7	260	-	-
	7-8	9	-	-
	8-9	970	-	-
	9-10	66	-	-
	10-11	38	-	-
	11-12	31	-	-
	12-13	20	-	-
	13-14	31	-	-
	14-15	22	21	-
	15-16	35	-	-
	16-17	16	-	-
	17-18	72	-	-
	18-19	146	-	-
	19-20	62	-	-
	20-21	238	-	-
	21-22	290	-	-
	22-23	37	-	-
	23-24	116	-	-
	24-25	256	390	-
	25-26	79	-	-
	26-27	94	-	-
	27-28	191	-	-
	28-29	253	-	-
	29-30	95	-	-
	30-31	179	-	-
	31-32	56	-	-
	32-33	325	-	-
	33-34	2347	1312	1145
	34-35	41	58	-
	35-36	74	-	-
	36-37	29	-	-
	37-38	509	-	-
KDD-11 39.3	38-39	1139	1259	1429
	39-40	1783	1860	2234
	40-41	233	-	-
KDD-11 42.6	41-42	977	-	-
	42-43	75	-	-
	43-44	86	-	-
	44-45	206	268	-
	45-46	32	-	-
KDD-11 47.3	46-47	19	-	-
	47-48	102	-	-
KDD-11 49.8	48-49	11	-	-
	49-50	199	-	-
	50-51	1106	1151	1081
	51-52	448	-	-
	52-53	224	-	-
	53-54	54	-	-
	54-55	1082	1024	-
	55-56	253	-	-
	56-57	33	-	-
	57-58	30	-	-
	58-59	862	-	-
	59-60	35	-	-
	60-61	18	-	-
	61-62	1042	92	36
	62-63	42	-	-
	63-64	8	-	-
	64-65	122	179	-
	65-66	16	-	-
	66-67	22	-	-
	67-68	21	-	-
	68-69	582	-	-
	69-70	135	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-11" (2/3)



65.4-79.25m Metasandstone and Peritic Schist: dark gray colored metasandstone and thin layers of peritic schist , shistosed (∠60°), with pyrite>>arsenopyrite dissemination and veinlets (1%±), with sparse network of quartz>>calcite, with chlorite-calcite -pyrite veinlets (open fracture, ∠60°)

70.1m Quartz vein: ∠60° , w=8mm, quartz vein with pyrite and chlorite

79.25-92.2m Diorite or porphyritic andesite: dark green to green colored strongly chloritized andesite, with quartz veinlets and minor calcite veinlets, mafic mineral and plagioclase change to chlorite, original rock is porphyritic andesite or diorite, estimated contents of disseminated sulfide is less than 1% in volume

80.8-81.7, 89.8-92.2m Muddy sandstone: dark gray colored muddy sandstone, with disseminated pyrite (<1% in volume)

92.2-105.1m Alternation beds of muddy sandstone and shale: alternation beds of black colored muddy sandstone and shale (layer's thickness=15-30cm, ∠55-60°), with segrigated quartz veinlets and sparse network of quartz, shale shows greenish dark gray colored (chloritization?), coarse grained secondary bioite can be seen along schistosity (w=1-2mm) in psamitic part, with traces of chlorite -pyrite veinlets along open fracture (∠70°), estimated contents of disseminated sulfide is less than 1% in volume

104.0, 106.0m Quartz vein: ∠45° , w=1.5cm, including pyrite

105.1-109.05m Diorite?: dark gray colored, coarse grained, massive, with calcite veinlets (∠40-60° , 10-30cm interval)

109.05-115.4m Muddy sandstone and shale: black colored, fine grained peritic rock, with sparse network of calcite -chlorite, with strongly chloritized zone of "112.3-112.6m" and "114.0-114.6m", estimated contents of disseminated sulfide is less than 1% in volume

115.4-122.2m Porphyritic dacite: light gray colored, schistosed, dacite, "118.0-121.7m" is silicified dacite with a lot of calcite veinlets (∠60° ,0.5-2cm interval), estimated contents of disseminated sulfide (arsenopyrite>pyrite) is 2%±

122.2-125.0m Granodiorite: strongly chloritized and weakly silicified, fine grained granodiorite, with chlorite-calcite network, partly (123.0-124.0m) sheared and brecciated

125.0-129.5m Dacite: dark gray to light gray colored, silicified dacite, with quartz and calcite veinlets (2-10cm interval), with granodiorite dyke (∠40° , w=3-5cm), with pyrite>arsenopyrite dissemination (1-2% in volume)

129.5-136.9, 138.5-141.2m Granodiorite: medium to fine grained, hornblende-biotite granodiorite, all mafic mineral change to chlorite, with pyrite>arsenopyrite dissemination and veinlets (1%±, sometimes 1-2% in volume), weakly silicified near quartz veinlets

136.9-138.5m Dacite: light gray to white colored schistosed dacite, with pyrite>arsenopyrite dissemination (1-2%)

Pyrite | Arsenopyrite | Quartz | Calcite | Chlorite

Hand Specimen	Assay Interval (m)	Assay results: Au (ppb)	Au (ppb)	Au (ppb)
	70-71	24	-	-
	71-72	6	-	-
	72-73	42	-	-
	73-74	28	-	-
	74-75	98	111	-
	75-76	37	-	-
	76-77	34	-	-
	77-78	26	-	-
	78-79	62	-	-
	79-80	18	-	-
	80-81	46	-	-
	81-82	54	-	-
	82-83	40	-	-
	83-84	364	-	-
	84-85	636	642	-
	85-86	111	-	-
	86-87	75	-	-
	87-88	16	-	-
	88-89	19	-	-
	89-90	14	-	-
	90-91	41	-	-
	91-92	42	-	-
	92-93	22	-	-
	93-94	38	-	-
	94-95	15	18	-
	95-96	76	-	-
	96-97	37	-	-
	97-98	25	-	-
	98-99	15	-	-
	99-100	22	-	-
	100-101	40	-	-
	101-102	226	-	-
	102-103	241	-	-
	103-104	1160	8350	1017
	104-105	59	60	-
	105-106	55	-	-
	106-107	37	-	-
	107-108	45	-	-
	108-109	26	-	-
	109-110	613	-	-
	110-111	60	-	-
	111-112	126	-	-
KDD-11 113.0	112-113	35	-	-
	113-114	103	-	-
	114-115	556	607	-
	115-116	549	-	-
	116-117	105	-	-
	117-118	114	-	-
	118-119	324	-	-
KDD-11 120.1	119-120	654	-	-
	120-121	334	-	-
	121-122	517	-	-
	122-123	1112	1155	1232
	123-124	363	-	-
	124-125	78	127	-
	125-126	260	-	-
	126-127	1850	-	1720
	127-128	333	-	-
	128-129	239	-	-
	129-130	167	-	-
	130-131	657	-	-
	131-132	295	-	-
	132-133	1514	-	1024
	133-134	135	-	-
	134-135	200	136	-
	135-136	144	-	-
	136-137	76	-	-
	137-138	138	-	-
	138-139	51	-	-
	139-140	76	-	-

Apc.23 Diagraphie géologique des trous de forages à diamant dans le Secteur de Kékoro "KDD-11" (3/3)

Scale (m)	Column	Depth (m)	Description	Pyrite	Arsenopyrite	Quartz	Calcite	Chlorite	Hand Spiecimen	Assay Interval (m)	Assay results Au (ppb)	Au (ppb)	Au (ppb)
		141.2	**140.12-150.0m Muddy sandstone:** black colored muddy sandstone, with quartz veinlets (∠60-65° , 2-10cm interval) and minor calcite-chlorite veinlets with arsenopyrite>pyrite dissemination, most of quartz veinlets is parallel to schistosity (∠50-60°)							140-141	62	-	-
										141-142	38	-	-
										142-143	117	-	-
∠55°										143-144	116	-	-
										144-145	57	-	-
									KDD-11 146.2	145-146	144	-	-
		147.5								146-147	170	-	-
		148.5	**147.5-148.5m Sheared zone:** sheared rock, with weak chloritization and silicification, with calcite veinlets (∠70° ±)							147-148	59	-	-
										148-149	22	-	-
150		150.0	**150.0-160.0m Muddy sandstone:** gray to green colored muddy sandstone, slightly chloritized, with quartz-calcite-chlorite veinlets together with pyrite veinlets							149-150	108	-	-
										150-151	241	-	-
		152.7								151-152	45	-	-
										152-153	41	-	-
										153-154	18	-	-
		155.5	**152.7-155.5m Muddy sandstone:** intensely chloritized sandstone, with a lot of calcite veinlets, with pyrite dissemination (1% in volume)							154-155	6	23	-
										155-156	17	-	-
										156-157	57	-	-
										157-158	169	-	-
										148-149	33	-	-
160		160.0								159-160	23	-	-
170													
180													
190													
200													