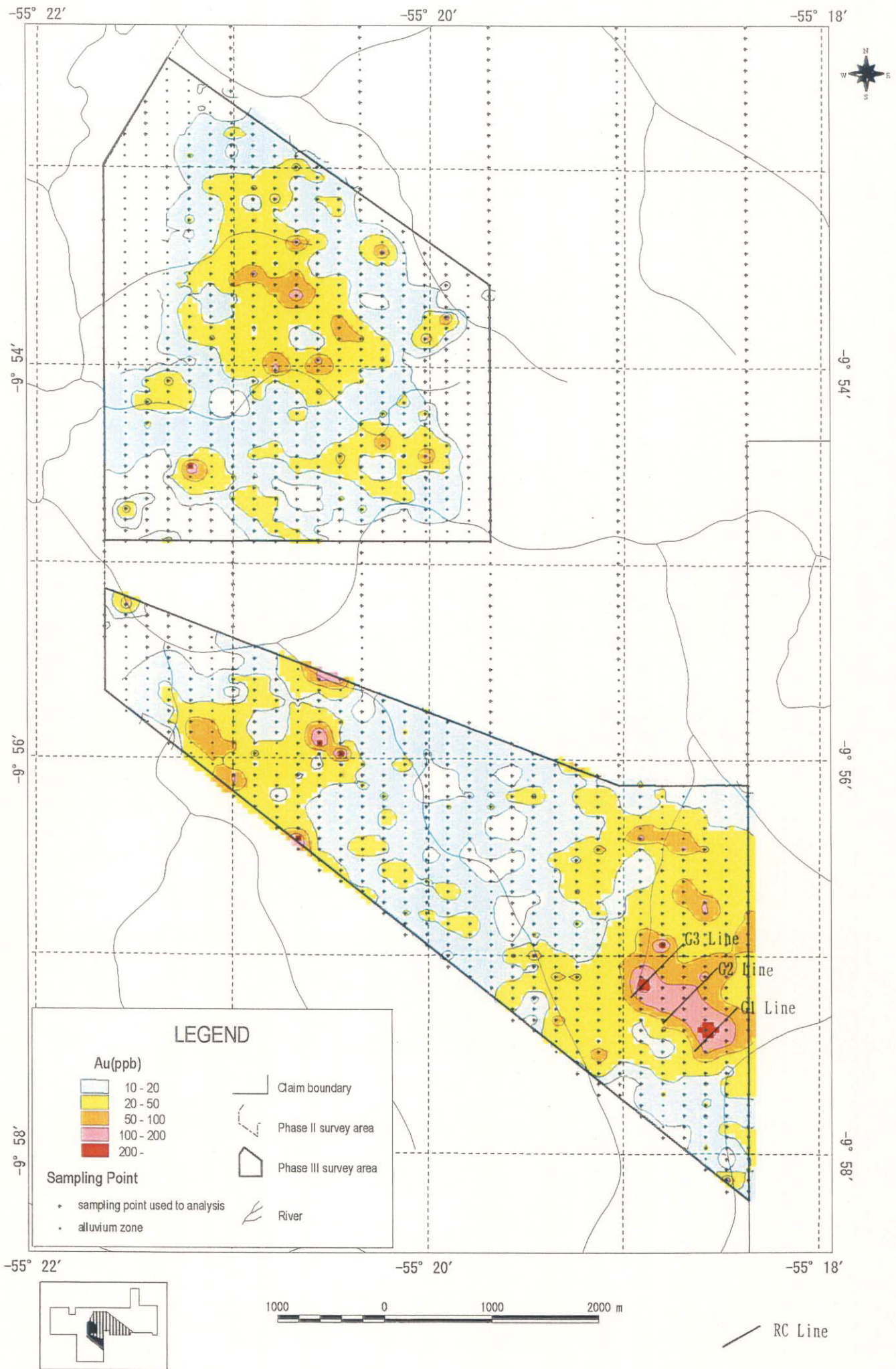
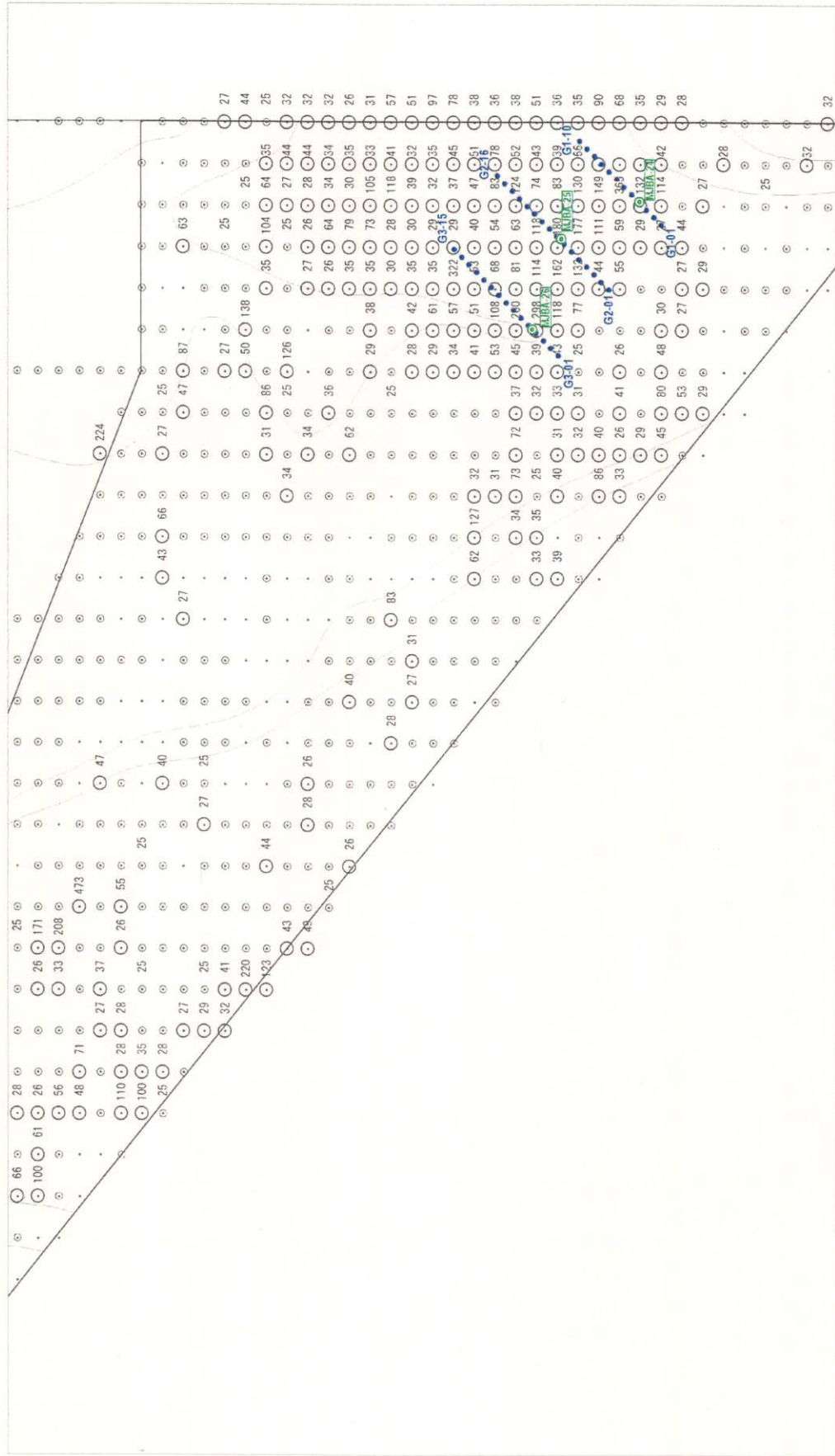


Fig. II-3-8 Compiled map of geology and geochemical anomalies in Block G



Location of Phase III Survey Area

Fig. II-3-9 Location map of RC drilling lines in Block G



**G BLOCK**

**LEGEND**

- G3-01 RC Drilling point
- MIBA-24 DD Drilling point (Phase II)

Au(ppb)

- 25 -
- 10 - 25
- Soil sampling point
- Alluvium
- 85 Gold anomaly in soil

Fig. II-3-10 Location map of RC drilling lines and DD holes in Block G

Borehole Number	Direction	Inclination (deg.)	Length Executed
MJBA-24	N45E	-50	100.30m
MJBA-25	N45E	-50	100.30m
MJBA-26	N45E	-50	101.35m
Total:	3 holes		301.95m

### (3) Survey Method

Drilling operations and Core logging were the same as in the blocks B and C. Table II-1-1 and Appendix 9 show the work amount and the progress record of the drilling.

Amounts of laboratory works collected in the B block area are indicated below:

Thin Section	6
Polished Section	6
X-Ray Analysis	7
Fluid Inclusion	1
Chemical Analysis	1,376

### (4) Results of Drilling Survey

#### (i) RC Drilling

A total of 3 RC drilling lines, named G1 line to G3 line, were set within the soil geochemical anomaly, as shown in the Fig. II-2-9 and Fig. II-2-10. The total amount of survey consisted of 43 boreholes with a total drilling length of 2,150m.

#### (a) G1 Line

**Geology:** The RC holes indicated soil in the upper level, a thick zone of yellowish brown clayey saprolite below it, and fresh granitic rock at the bottom level. The soil is thicker in comparison with B and C block, with an average between 5m and 7m and the saprolite thickness is between 25m and 45m in G1 Line. Field observation of chips and slime taken from RC drilling confirmed that the fresh rock is mostly composed of porphyry biotite granite (Pxgg). Milky grey quartz vein and silicified rock fragments showing pyrite and pyrite holes is commonly present mixed in the saprolite.

**Alteration:** Alteration minerals in host rock as, silicic, epidote, chlorite, albite and strong potassic alteration are frequently observed, and with less frequency it is found Kaolin and sericite. At the shearing zone center, it is common a strong K alteration and silicic are observed.

**Mineralization:** Gold mineralization with gold average grade above Au0.1g/t was found at 19 sites in G1 Line, as showed below. The best intercepts were found at G1-02 hole with an average gold grade in 2m intervals with Au6.89g/t that averaged Au1.91g/t within 8m zone. The G1-04 hole had an average of

Au1.06g/t in 10m intervals and also it presented two intervals of Au2.52g/t and Au1.17g/t. The G1-07 hole showed an average of Au0.68g/t in 12m, and at one of the intervals shows Au3.06g/t. The G1-10 hole showed an interval with Au5.19g/t.

Drill Hole	Hole Length (m)	From (m)	To (m)	Length (m)	Au (g/t)
G1-01	50.0	26.0	27.0	2.0	1.36
G1-02	50.0	36.0	44.0	8.0	1.91
G1-03	50.0	46.0	50.0	4.0	0.21
G1-04	50.0	12.0	18.0	6.0	0.20
"	"	28.0	30.0	2.0	0.27
"	"	38.0	48.0	10.0	1.06
G1-05	50.0	6.0	10.0	4.0	0.16
"	"	14.0	18.0	4.0	0.13
"	"	28.0	30.0	2.0	0.30
"	"	38.0	40.0	2.0	0.91
"	"	46.0	50.0	4.0	0.43
G1-06	50.0	22.0	24.0	2.0	0.11
G1-07	50.0	16.0	28.0	12.0	0.68
"	"	34.0	50.0	16.0	0.56
G1-08	50.0	40.0	48.0	8.0	0.41
G1-10	50.0	18.0	24.0	6.0	0.13
"	"	26.0	38.0	12.0	1.12
G1-11	50.0	24.0	28.0	4.0	0.65
"	"	38.0	40.0	2.0	0.67

#### (b) G2 Line

**Geology:** The RC holes presented soil at the upper level, a thick layer of greenish brown clayey granitic saprolite below it, and fresh granitic rock at the bottom level. The soil is thicker in comparison with B and C block, with an average thickness between 6m and 10m and the saprolite thickness is between 30m and 50m. Field observation of chips and slime taken from RC drilling confirmed that the fresh rock is mostly composed of porphyry biotite granite (Pxgg). Milky grey quartz vein and silicified rock fragments showing pyrite and pyrite holes is commonly mixed in the saprolite.

**Alteration:** Alteration in host rock such as silicification, epidotization, chloritization, albitization and strong potassic alteration are frequently observed. However, kaolinization and sericitization is less frequently found. At the center of the shearing zone, it is commonly observed strong potassic alteration and silicification.

**Mineralization:** Gold mineralization with gold average grade above Au0.1g/t was found at 22 sites in G2 Line, as showed in the next table. The best intercepts were found in G2-02 hole with an average gold grade of Au0.31g/t in 28m and inside of the zone it was confirmed an interval with Au1.61g/t. The G2-05 hole

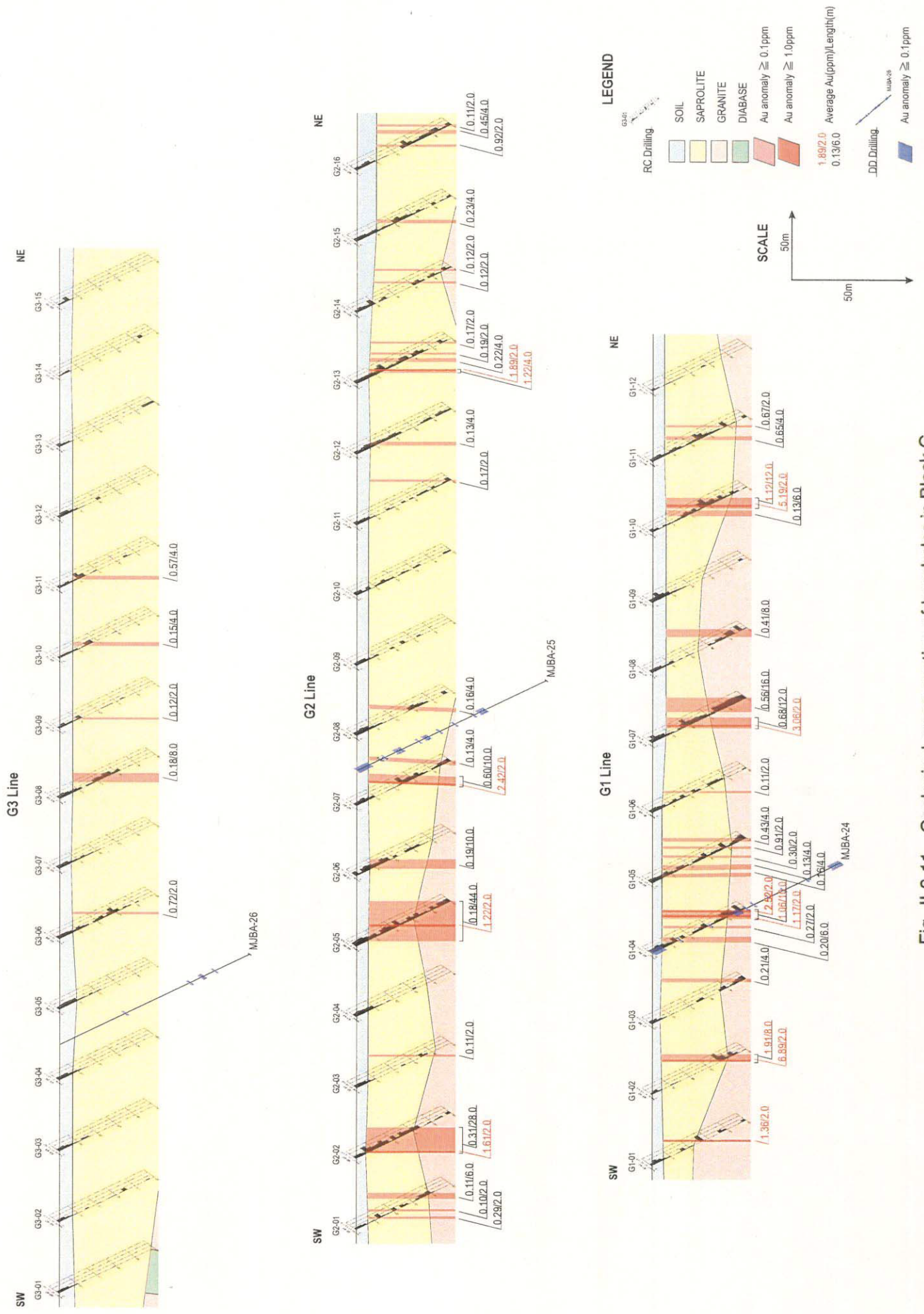


Fig. II-3-11 Geological cross section of boreholes in Block G

indicated an average of Au0.18g/t in 44m intervals and also presented one interval of Au1.22g/t. The G2-07 hole showed an average of Au0.60g/t in 10m, and at one interval, it shows Au2.42g/t. Hole G2-13 shows an interval with Au1.22g/t.

Drill Hole	Hole Length (m)	From (m)	To (m)	Length (m)	Au (g/t)
G2-01	50.0	12.0	14.0	2.0	0.29
"	"	20.0	22.0	2.0	0.10
"	"	34.0	40.0	6.0	0.11
G2-02	50.0	6.0	34.0	28.0	0.31
G2-03	50.0	34.0	36.0	2.0	0.11
G2-05	50.0	6.0	50.0	44.0	0.18
G2-06	50.0	8.0	18.0	10.0	0.19
fG2-07	50.0	24.0	34.0	10.0	0.60
"	"	46.0	50.0	4.0	0.13
G2-08	50.0	28.0	32.0	4.0	0.16
G2-11	50.0	48.0	50.0	2.0	0.17
G2-12	50.0	10.0	14.0	4.0	0.13
G2-13	50.0	12.0	16.0	4.0	1.22
"	"	24.0	28.0	4.0	0.22
"	"	32.0	34.0	2.0	0.19
"	"	44.0	46.0	2.0	0.17
G2-14	50.0	32.0	34.0	2.0	0.12
"	"	46.0	48.0	2.0	0.12
G2-15	50.0	20.0	24.0	4.0	0.23
G2-16	50.0	26.0	28.0	2.0	0.92
"	"	40.0	44.0	4.0	0.45
"	"	48.0	50.0	2.0	0.11

### (c) G3 Line

**Geology:** The RC holes presented soil at the top level and a thick greenish brown clayey granitic saprolite layer below it. At the bottom level it was detected fresh granitic rock. The soil thickness has an average between 6m and 9m while the thickness of saprolite is above 50m on the average. Field observation of chips and slime taken from RC drilling confirmed that the fresh rock has different composition, such as biotite granite (Pxxg), andesite and diabase.

**Alteration:** Alteration in host rock such as silicification, epidotization, chloritization, albitization and strong potassic alteration are frequently observed. However, kaolinization and sericitization is less frequently found. At the center of the shearing zone, it is commonly observed strong potassic alteration and silicification

**Mineralization:** Gold mineralization with gold average grade above Au0.1g/t was found at 5 sites in G3 Line, as showed below. The best intercepts were found in G3-08 hole with an average gold grade of Au0.18g/t in 8m intervals and also in G3-11 hole which presented an average of Au0.57g/t in 4m intervals.

Drill Hole	Hole Length (m)	From (m)	To (m)	Length (m)	Au (g/t)
G3-06	50.0	28.0	30.0	2.0	0.72
G3-08	50.0	20.0	28.0	8.0	0.18
G3-09	50.0	10.0	12.0	2.0	0.12
G3-10	50.0	14.0	18.0	4.0	0.15
G3-11	50.0	10.0	14.0	4.0	0.57

DD drilling survey with a total of 3 holes were located based on field observation of chips provided from RC drilling in order to check the gold mineralization at depth.

- (1) **MJBA24:** This site was located based on the presence of milky quartz veins and veinlets and also silicified rock with pyrite dissemination mixed in saprolite of the holes G1-04 and G1-05
- (2) **MJBA25:** This site was located based on the presence of milky quartz vein mixed in saprolite of the holes G2-07 to G2-09 and cubic pyrite mixed in saprolite of the hole G2-08
- (3) **MJBA26:** This site was located based on the presence of milky quartz vein and veinlets mixed in saprolite of the holes G3-04 and G3-05.

**(ii) DD Drilling**

A total of 3 DD boreholes with a total length of 301.95m were carried out in G block. The drilling logs are annexed on Appendix 11. Results of Thin Section, Polished ore, X-ray, Fluid Inclusion and Ore chemical analysis are indicated in Appendices 12 to 15 and in Appendix 17.

**(a) MJBA-24 ( Fig. II-3-12 )**

**Geology:** Consisting of granite from Pre-Uatuma Granite (Gr).

- 0.00m - 4.30m: Transported soil
- 4.30m - 39.80m: Granitic saprolite
- 39.80m - 61.35m: Greyish pink strongly sheared and brecciated porphyry granite with K-Sil- Calcite-Epi alteration.
- 61.35m - 62.80m: Dark green diabase with many calcite veinlets
- 62.80m - 82.20m: Greyish pink porphyry granite with plagioclase porphyry, sheared and locally filled by py films.
- 82.20m - 100.30m: Pinkish to greenish grey sheared bi-granite with K-Epi-Chl and Sil. Alteration

**Mineralization:** Gold anomalies were observed in the following intervals of the MJBA-24 hole. Between 0.0m and 5.0m: gold anomalies of 0.18 g/t in soil. Between 14.0m and 15.0m: gold anomaly of Au0.1g/t in quartz veinlets. Between 30.0m and 31.0m: gold anomaly of Au0.22g/t was observed.

From 39.80m and 100.30m: brecciated and sheared porphyry granite and within this interval the following