

GOLD PROJECTS SUMMARY

SEPTEMBER 2008



Figure 1. Dome exploration licences in Gabon.



Figure 2. Map showing the Project overview of the whole region with the locations of Dome's rock and soil sampling program and the outline of the airborne geophysics survey to September 2008



Figure 3. Figure 4. Location of all samples processed by Dome in 2008. Enlargement A shows location of 726 stream samples in the northern part of the prospection permit (Oyem project). The central figure B shows the distribution of 500 rock samples collected in 2008. The concentrated blocks in figure C indicate the distribution of the ~11,000 soil samples undertaken by Dome in 2007 (refer to Table 4.1 breakdown of samples by project).

			Rock			
Project	Stream	Soil	Au-Pt-Pd	ICP	XRF	Total
Ebel	-	2476	31	29	3	2539
La Mboumi	-	955	115	115	-	1185
Mianga	-	756	30	30	6	822
Mikongo	-	963	2	2	-	967
Mitzic Fe	-	*	17	13	9	39
Ndjole/Missanga	-	2624	9	9	-	2642
Nkan	-	2867	52	22	-	2941
Oyem	726	-	3	3	-	732
Total of samples	726	10641	259	223	18	11867

Table 1. Summary table of Project areas within Dome's Mitzic prospection permit and type of geochemical samples taken in each area. In 2008 almost 12,000 geochemical analyses had been processed and received (\*; the Mitzic Fe and Nkan projects are in the same region so the soil grid results are presented for both in the Nkan row).

Project	Au	PGE	Cu-Pb-Zn	Fe	Mn
Ebel	1		×	1	1
La Mboumi	~		×		1
Mianga	1		×	1	1
Mikongo	~		×		
Mitzic Fe		X		1	
Ndjole/Missanga	1	-	×		1
Nkan	1	-	1		-
Oyem	1	-	1	1	1

Table 2. Main types of mineralisation targeted in each of the prospect areas in Dome's MitzicProspection permit.



Figure 5. Equal angle stereonet projects for each of the Dome project areas within the Mitzic licence, displaying g foliations recorded in the field.



Figure 6. Location of the four electromagnetic (EM) and aeromagnetic survey blocks flown by Geotech in June of 2008.

## LA MBOUMI PROJECT



Figure 7. Regional context for the La Mboumi project. 2<sup>nd</sup> and 3<sup>rd</sup> order structural disruptions associated with the continental scale lkoye-lkobe fault and project into the La Mboumi area. These are thought to be the conduits for the gold mineralization in the area.



Figure 8. Map of the La Mboumi project area showing the location of Dome's rock and soil sampling program and the outline of the airborne geophysics survey to September 2008



Figure 9. Location of the known gold workings in the La Mboumi area in September 2008



Figure 10. Anomalous gold and arsenic are coincident in the La Mboumi grid and clearly have a strong NE-SW trend that is seen on a regional scale

## LA MBOUMI DGMG DRILLHOLE LOGS

	DGRM DRILLHOLE NSI							
Hole ID	From (m)	To (m)	lenght (m)	Grade (g/t Au)	Description			
NSI	50	53.5	3.5	0.86	Includes intercept of 1.25g/t over 1.5m			
NSI	62	63.5	1.5	1.6				
NSI	69	83.5	14.5	0.98	Includes intercept of 1.79g/t over 1.5m, Includes intercept of 1.48g/t over 1.5m, Includes intercept of 1.27g/t over 1.5m, Includes intercept of 1.2g/t over 1.5m			

	DGRM DRILLHOLE NSIII								
Hole ID	From (m)	To (m)	lenght (m)	Grade (g/t Au)	Description				
NSIII	27.5	38	10.5	3.5	Includes intercept of 9.3g/t over 1.5m, Includes intercept of 4.7g/t over 1.5m, Includes intercept of 3.9g/t over 1.5m				
NSIII	50	56.5	6.5	1.3	Includes intercept of 2.9g/t over 2m				
NSIII	68.5	71	2.5	1.2	Includes intercept of 1.4g/t over 1.5m				
NSIII	93	95.5	2.5	1.4	Includes intercept of 2.1g/t over 1.5m				

	DGRM DRILLHOLE NSVI								
Hole ID	Hole ID From (m) To (m) lenght (m) Grade (g/t Au) Description								
NSVI	52	61	9	0.96	Includes intercept of 4.48g/t over 1.5m,				
NSVI	110.5	112	1.5	0.93					

	DGRM DRILLHOLE NSVI								
Hole ID	From (m)	To (m)	lenght (m)	Grade (g/t Au)	Description				
NSVI	20.5	26.5	6.5	2.32	Includes intercept of 5.5g/t over 1.5m, Includes intercept of 2.97g/t over 1.5m,				

DGRM DRILLHOLE NSVI								
Hole ID	From (m)	To (m)	lenght (m)	Grade (g/t Au)	Description			
NSVII	17	18.5	1.5	1.43				
NSVII	50.5	51.5	1.5	0.94				

Table 5. Summary of the DGRM La Mboumi Drillholes



Figure 11. Summary log of Drillhole NS1





DGMG La Mboumi Drillholes NS1\_Log Legend Foliation - Relative to Core Axis Gold Values (ppb) Layered Peliftic Schist & Quartzite Peliftic Schist Quartz Veins Cover-Soil

Figure 12. Summary log of Drillhole NS2



Figure 13. Summary log of Drillhole NS3



Figure 14. Summary log of Drillhole NS4





DGMG La Mboumi Drillholes Fracture Zone Quartz Veins Gold Values (ppb) Crenulation Cleavage

Box Veining

NS5\_Log Legend

Figure 15. Summary log of Drillhole NS5



Figure 16. Summary log of Drillhole NS6





Figure 17. Summary log of Drillhole NS7



Figure 18. The La Mboumi Electro-magnetic and magnetic surveys completed by Dome in June 2008, and the DTM of the same area.



Figure 19. The La Mboumi Electro-magnetic and magnetic surveys completed by Dome in June 2008, and the DTM of the same area.



Figure 20. Location map showing the best results of the rock samples collected by Dome in relation to local orpailleur workings. Also shown is the lotline of the La Mboumi soil grid.



Figure 21. La Mboumi gold soil geochemistry set against the La Mboumi EM geohysics survey.

## MIANGA PROJECT



Figure 22, Regional context for the Mianga project. Note how the thrust fault margin of the Ogooue Supergroup against the Archean basement is seen to have gold occurrences along its entirety.



Figure 23.Map of the Mianga project area showing the location of Dome's rock and soil sampling program and the outline of the airborne geophysics survey to September 2008



Figure 24. 1:200,000 BRGM Geology map of the Mianga region showing the stream anomalies identified by Dome's re-analysis BRGM Data. Inset is the radar image of the area and the airborne magnetic data.



Figure 25. Thematic map showing the gold results for the Mianga region. This has been contoured at the 50ppb (red line) and 20ppb (black line) boundaries. These anomalous values coincide with the topography of the area.



Figure 26. Anomalous gold and arsenic are coincident at Mianga, as is copper, lead zinc and vanadium. Mineralization appears to be associated with the topographic highs in the region



Figure 27. Comparison of the gold and arsenic results seen in the Mianga soil grid. As in the La Mboumi area these seems to be a strong correlation between gols and arsenic, most likely associated with arsenopyrite



Figure 28. Mianga gold soil geochemistry set against the Mianga EM geohysics survey.

## **EBEL PROJECT**



Figure 29. Map of the Ebel project area showing the location of Dome's rock and soil sampling program and the outline of the airborne geophysics survey to September 2008



Figure 30. Thematic gold map of the Ebel gold anomaly.



Figure 31. The Ebel anomaly defines a mutli-element anomaly with a strong NE-SW trending structural control. There is a strong correlation between gold (A) and copper (B), as well as one between chrome (C) and nickel (D). This anomaly also coincides with a moderate topographic high in the area



Figure 32. The La Mboumi Electro-magnetic and magnetic surveys completed by Dome in June 2008, and the DTM of the same area.



Figure 33. Ebel gold soil geochemistry set against the Ebel EM geohysics survey. Note the coincident EM and soil anomalies.



Figure 34. Map of the Nkan project area showing the location of Dome's rock and soil sampling program and the outline of the airborne geophysics survey to September 2008



Figure 35. Thematic maps of the gold (A), copper (B), and vanadium (C) anomalies in the Nkan 1 grid



Figure 36. Nkan grids 2 and 3 designed to test the iron formations in the area. A weak gold anomaly (>10ppb) is coincident with the iron bearing rocks in the region.



Figure 37. Gabon cadastremap at September 2008. The top map shows the exploitation and exploration licences, and the bottom map shows the prospection permits.