

ASX Limited Company Announcements Office

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Bulago Drill Hole 1 and Esis Drill Hole 2 Both Intersect Wide Intervals of Copper

Frontier Resources Ltd is pleased to announce assay results from the porphyry copper -gold targets drilled by the Ok Tedi Mining Ltd (OTML) Joint Ventures, being the first drill hole at the Bulago Prospect and the second drill hole at the Esis Prospect.

Seven holes have been completed by OTML at <u>Bulago</u> for 2,390.5m (figure 1) and the eighth and final hole has almost been completed at the Suguma Prospect.

Hole BUL001 was drilled to its design depth of 440m to test an aeromagnetic anomaly for porphyry copper-gold mineralisation and it returned weighted average intercepts of :

- The entire hole averaged 440.3m grading 0.08% copper + 0.10 g/t gold & included at 0.1% Cu cutoff:
 - 124m grading 0.13 % copper + 0.06 g/t gold (from 119 to 243m) plus
 - 76.1m grading 0.15% copper + 0.16 g/t gold (from 267 to 343.1m) plus
 - 12.7m grading 0.11% copper + 0.10 g/t gold (from 371.8 to 384.5m) and
 - 21m grading 0.42g/t gold + no significant copper (from 407 to 428m).
- OTML noted that the drill intercepts were an encouraging first result and further drilling is warranted.
- Seven holes have been completed by Ok Tedi Mining Ltd the Esis Prospect for 4,546.9m (figure 2).

Hole NBE002 was designed to extend geological knowledge to the north of hole NBE001 and it was continued to depth because NBE001 was terminated in strong mineralisation (at the depth limits of the drill rig).

- The entire hole averaged 716.9m grading 0.13% copper and included at 0.2% Cu cut-off:
 - <u>184m grading 0.30% copper</u> (from 2 to 186m) including
 - 4m grading 0.81% copper (from 48.1 to 52.1m) and
 - 7.5m grading 0.63% copper (from 74.1 to 81.6m) and
 - 8m grading 0.56% copper (from 97.6 to 105.6m).

Bulago Details

The geochemistry indicates two possible mineralisation events, a copper event with some gold and a gold only event. The copper mineralised sections are predominantly potassic/propylitic/silicic altered diorite that contains fine grained disseminated chalcopyrite in silicified veinlets and in micro-fractures from 112m to the end of hole.

The 0.2% copper cut off grade failed to adequately define the mineralised zones in BUL001 and a 0.1% cut off was used; this identified the three discrete copper intercepts noted above. Table 1 lists drill collar information for Bulago (reference datum is AMG Zone 54, AGD 66, Easting / Northing are GPS pickup). Figure 1 shows Bulago hole locations on the gold in soil geochemistry contours.

Discrete gold <u>only</u> anomalism using a 0.1 g/t cut off grade, is present as:

- 9.5m grading 0.32g/t gold (from 29.5m)
- 9.7m grading 0.21g/t gold (from 359.5m)
- 8m grading 0.26g/t gold (from 380m)

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- 21m grading 0.42g/t gold (from 407m).
- 53m grading 0.19g/t gold (from 275m) with
 0.17% copper

EL 1595 - Bulago is located in PNG between the World Class OK-Tedi porphyry copper-gold and the Porgera epithermal/intrusive related gold Deposits. Targets are porphyry copper- gold, highgrade epithermal gold and skarn gold deposits.

					Tab	Table 1.		
HOLE ID	EOH DEPTH (m)	Azimuth (true)	Incl.	AMG North (m)	AMG Easting (m)	RL (m)		
BUL001	440.3	295	-60	9399870	639180	1653.0		
BUL002	331.1	180	-70	9399385	639379	1716.0		
BUL003	389.6	210	-60	9399868	639182	1654.0		
BUL004	115	270	-60	9399052	639723	1658.0		
BUL005	363.1	160	-70	9399075	639171	1910.0		
BUL006	422.4	180	-60	9399485	638919	1801.0		
Total	2061.5	m						

The prospects are located in a 4.5km x 6km well-defined gold, zinc and copper drainage anomaly covering a recessive intrusive in a sub-circular drainage basin, with anomalism continuing up to the peripheral limestones (demonstrating skarn potential). The Suguma Prospect has very high gold grades in structures and is located in the NW of the grid.



Esis Details

See figure 2 for hole locations at Esis plotted on surface copper geochemistry. Hole NBE002 contains two discrete individual intercepts (with 8m of internal dilution) for a 184m intercept grading 0.30% copper (from 2m to 186m downhole). The assays returned no significant gold mineralisation.

Fractured clay altered diorite followed by competent quartz-diorite (cross cut by steeply dipping quartz veins) was noted from surface to approximately 186m. Consistent with hole NBE001, chalcopyrite is hosted in stock works and micro fractures, however no significant quartz-feldspar porphyry dykes were intercepted below 186m depth (unlike in hole NBE001).

NBE002 was successful in defining a northern limit to mineralisation and identifying new bounding geological units and controls on mineralisation at depth. Biotite and magnetite increased with depth similar to NBE001.

Drill collar information for Esis is located in Table 2 (NB: Reference datum is AMG Zone 56, AGD 66, Easting / Northing are GPS pickup).

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HOLE ID	EOH DEPTH (m)	Azimuth (true)	Incl.	AMG North (m)	AMG Easting (m)	RL (m)		
NBE001	697.6	0	-90	9428015	356865	738.8		
NBE002	716.9	0	-60	9428016	356864	738.8		
NBE003	615.8	354	-60	9427869	356892	720.0		
NBE004	719.9	57	-60	9428016	356871	738.8		
NBE005	595.7	89	-60	9427869	356895	757.0		
NBE006	598.3	57	-60	9427476	357202	675.0		
NBE007	602.7	187	-60	9427868	356894	756.0		
Total	4546.9	m						



EL 1351 - Likuruanga is prospective for porphyry copper, gold - silver -zinc skarn and /or epithermal gold deposits. The area contains the Esis porphyry occurrence and the Bukuam porphyry related copper, molybdenum, gold and zinc soil anomalies, which are situated about 14km opposite each other on the flanks of the Esis-Sai granitoid complex.

For additional information relating to Frontier Resources, please visit the Company's website at <u>www.frontierresources.com.au</u> or feel free to contact me.

FRONTIER RESOURCES LTD

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The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by, or compiled under the supervision of Peter A. McNeil - Member of the Aust. Inst. of Geoscientists. Peter McNeil is the Managing Director of Frontier Resources, who consults to the Company. Peter McNeil has sufficient experience which is relevant to the type of mineralisation and type of deposit under consideration to qualify as Competent Person as defined in the 2004 Edition of the Australasian Code of Reporting Exploration Results, Mineral Resources and Ore Resources. Peter McNeil consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.