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ASX Limited
Company Announcements Office

Announcement

High Grade Trench Assays from the Mul Mul Prospect to 3.7m Grading 17 g/t Gold Equivalent (including Peak Grades to 1m of 18.2 g/t Gold, 502 g/t Silver, 5.02% Copper, 1.38% Lead and 133ppm Molybdenum and 1.7m of 14.6% Zinc)

Frontier Resources Ltd is pleased to announce that significant precious and base metal assays have been returned from the initial exploration program conducted at the Mul Mul massive sulphide Prospect (EL 1596 - Jimi), in the highlands of Papua New Guinea.

Frontier's trench channel sampling at Mul Mul has demonstrated high-grade polymetallic mineralisation in several trenches up to 16m approximate true width, within an open ended 850m long soil anomaly.

Very good prospectivity is indicated.

Weighted assay average results from samples perpendicular to strike and sub-vertically include:

- 5.1m of 12.5 g/t gold equivalent (including 3.7m of 17 g/t gold equivalent)
- 5.2m of 5.1 g/t gold equivalent
- 6.0m of 6.9 g/t gold equivalent
- 3.4m of 5.4 g/t gold equivalent
- 2.9m of 8.3 g/t gold equivalent
- 3.8m of 7.4 g/t gold equivalent
- 4.3m of 4.7 g/t gold equivalent

The mineralisation contains the minerals sphalerite, chalcopyrite, pyrite, covellite, bornite, galena, tetrahedrite, tennantite and electrum in a silica-barite matrix.

Four wheel drive access is possible to this project, which will materially assist in the cost effectiveness of exploration.

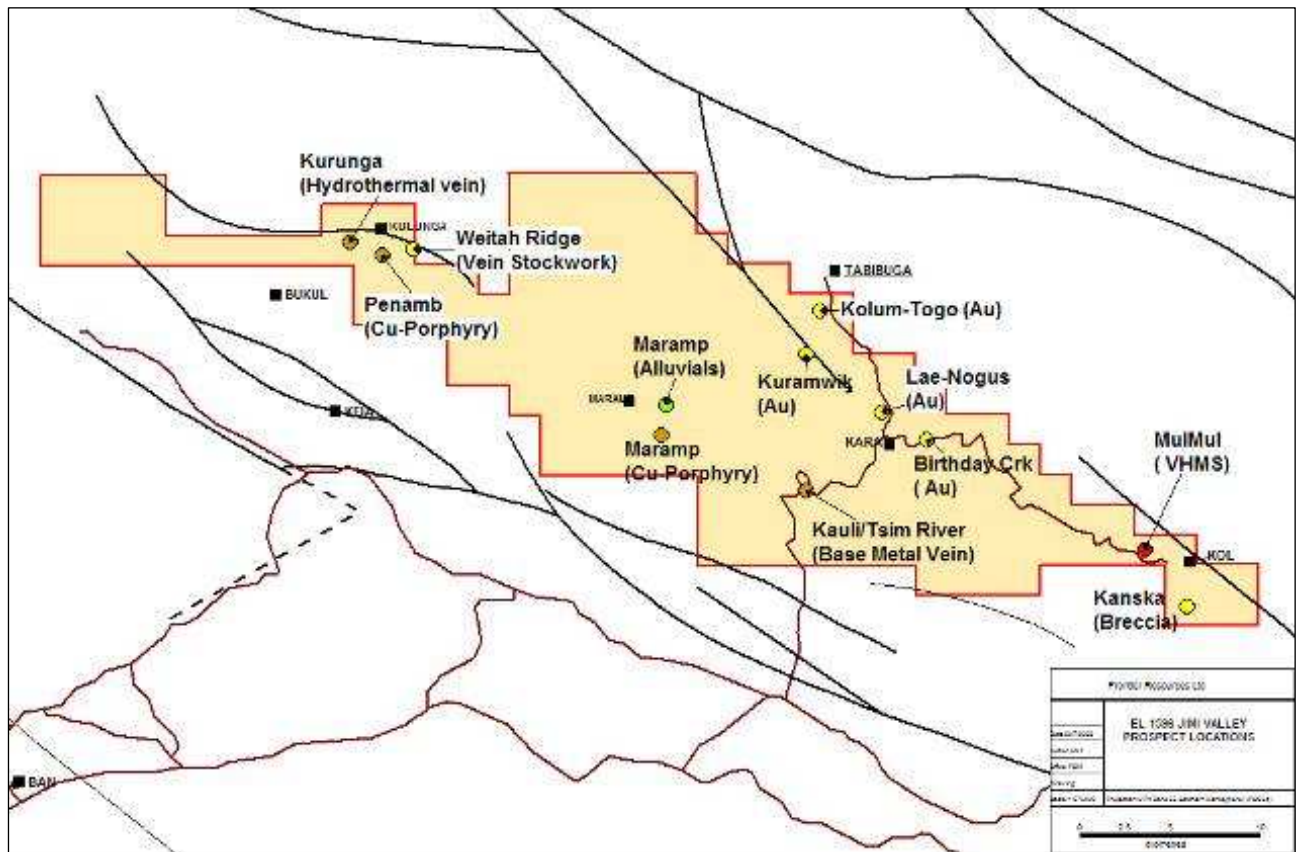
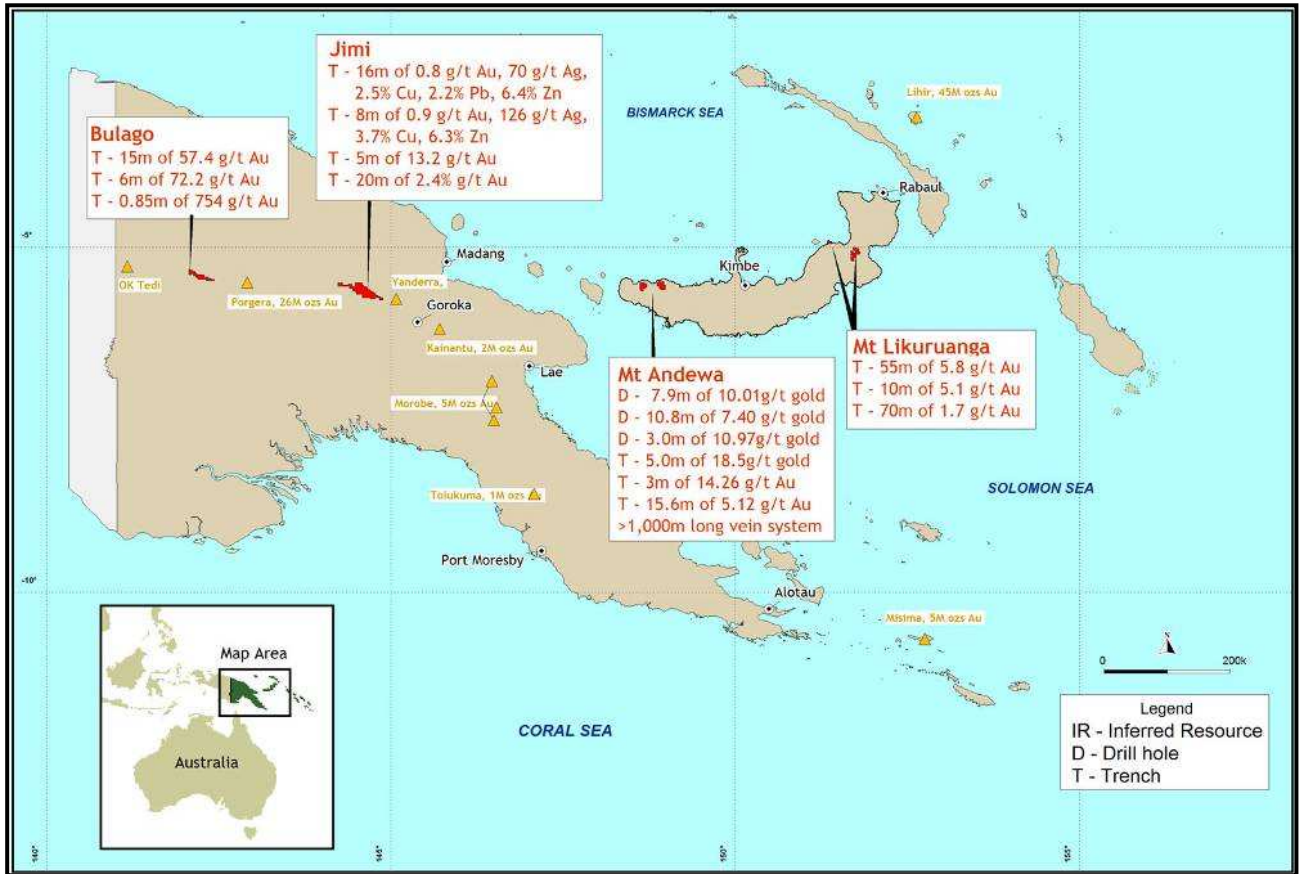
For additional information in relation to the Jimi Exploration License and the Mul Mul massive sulphide project, please see ASX releases dated 14/10/2008 and 2/9/2008, visit our website at www.frontierresources.com.au or feel free contact me.

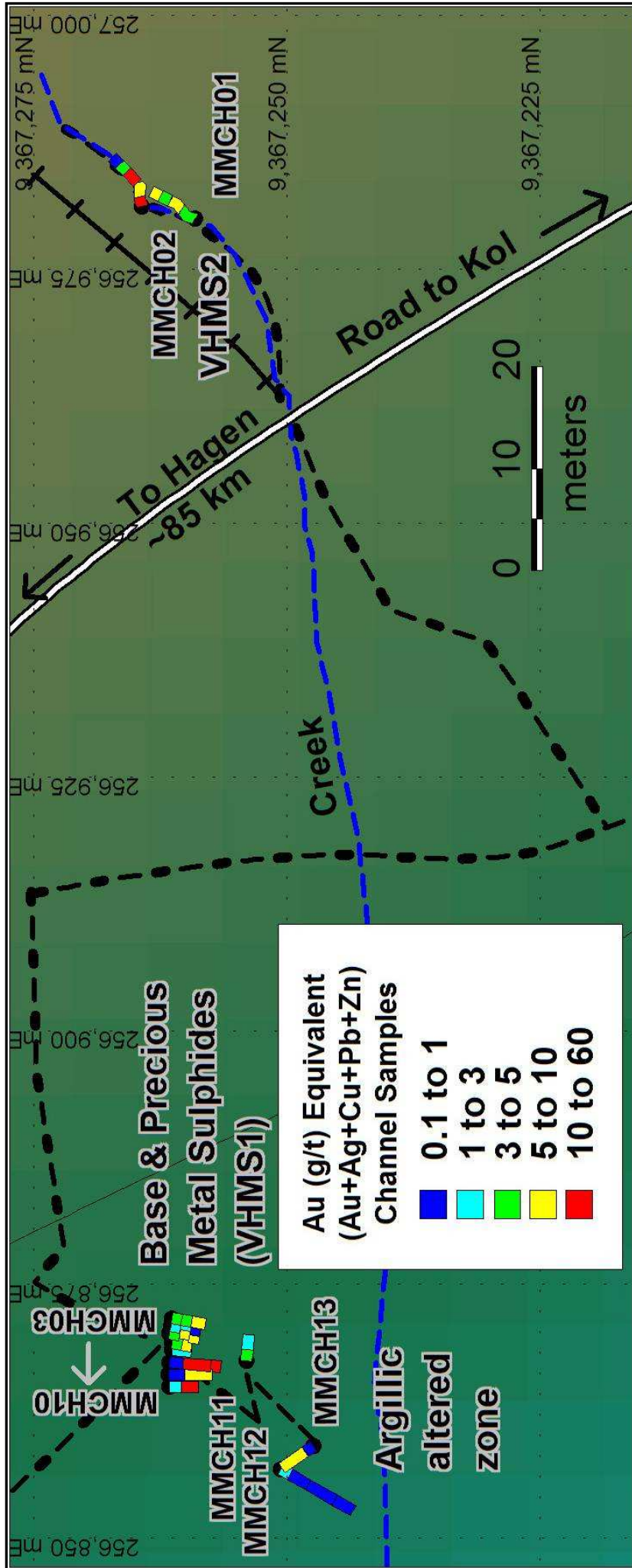
FRONTIER RESOURCES LTD

P.A. McNeil, M.Sc.

MANAGING DIRECTOR

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 their information in the form and context in which it appears.





Trench ID	Interval Length (m)	Gold Equivalent (g/t)	Au (g/t)	Ag (g/t)	Cu (%)	Zn (%)	AUD \$ Value / Tonne
MMCH01	5.2	5.1	0.85	121.6	1.46	1.59	205
Incl.	1.5	7.8	1.26	123.0	2.34	3.81	310
MMCH02	6	6.9	0.17	31.9	2.55	6.11	273
Incl.	5	8.2	0.2	37.5	3.03	7.27	325
MMCH03	3.4	5.4	1.19	227.6	0.5	1.01	214
MMCH04	3	1.6	0.33	27.0	0.49	0.57	64
MMCH05	3	6.0	0.91	43.7	2.3	3.07	241
MMCH06	2	5.3	0.92	39.0	1.99	2.4	209
MMCH07	1.9	2.6	0.34	25.0	0.79	1.84	103
MMCH08	5.1	12.5	6.12	175.3	2.15	2.37	497
Incl.	3.7	17.0	8.39	236.4	2.95	3.08	676
MMCH09	4.3	4.7	1.09	43.5	1.31	2.58	186
Incl.	2.7	7.0	1.66	55.0	2.06	3.81	279
MMCH10	2.9	8.3	1.32	52.1	1.56	9.13	330
Incl.	1.7	13.3	2.12	74.0	2.6	14.6	530
MMCH11	2.6	3.1	1.74	90.3	0.07	0.12	124
MMCH12	8.2	0.5	0.08	15.7	0.1	0.11	19
MMCH13	3.8	7.4	0.45	61.9	1.31	9.3	293
Incl.	2.8	9.7	0.57	79.0	1.74	12.3	385

About Frontier Resources

- Frontier is focused on exploring for and developing mineral deposits in the highly mineralised Pacific 'Rim of Fire' in Papua New Guinea and the highly prospective Mt Read Volcanics of Tasmania.
- The Company is presently evaluating the possible development of the Narrawa and Stormont Deposits in Tasmania and is undertaking commercial drilling to assist cash-flow.
- Frontier has a 100% interest in 4 Exploration Licences covering approx. 1,460 km² in PNG and 3 Exploration Licences + 2 Retention Licences covering 134 km² in Tasmania.
- The portfolio offers excellent mineral deposit potential, with primary targets being World Class gold/silver epithermal, gold- base metal skarn, copper-gold-molybdenum porphyry and polymetallic VMS (zinc-lead-silver-gold) deposits.
- The projects all have high-grade exploration results in rock, trenches and/or drill hole and are in the same or similar geological terranes as existing World Class and/or major mines.
- The Inferred Resource for the Narrawa Deposit contains 30,850 ounces of gold equivalent* grading 5.05 g/t gold equivalent, within 190,000 tonnes grading 2.74 g/t gold + 1.21% zinc + 1.59% lead + 22g/t silver.
 - ◆ The Inferred Resource contains 16,740 ounces of gold + 2,300 tonnes of zinc + 3,020 tonnes of lead + 134,400 ounces of silver.
 - ◆ It is contained within 3 on or near surface, potentially open-pitabile lodes and is based on all historic drilling to date and estimated in accordance with the 2004 JORC code.
 - ◆ Excellent metallurgical testwork results have been obtained. This information has been incorporated into a Conceptual Mining Study (CMS) to evaluate the project's potential to be placed into development. The CMS (and metallurgical testwork results) will be released forthwith.
 - ◆ Future drilling will target extensions to the mineralisation to increase the total size of the resource and thus improve possible 'economics'. There is excellent exploration potential, particularly to the NW. Additional mineralisation is likely to be documented in the general project region also, from the many existing drill targets.
 - ◆ The resource will be re-estimated when the current exploration program has been completed and will likely be re-classified as Measured, Indicated and Inferred. The CMS will then be updated to evaluate changes in the projects' economics. The nearby Stormont Deposit will be included in the revised CMS, following completion of its drilling and estimation of a resource.
 - ◆ The Tasmanian Government is supportive of mining and exploration. The RLs are in 'good' locations for possible development and there are no known social or alternative land use issues.
- Frontier's Directors and management team have more than 300 years combined experience in PNG and Australia to serve the interests of the Company and its shareholders.
- Frontier operates with a general policy of 'DRILLING' our quality projects using our purpose built and self manufactured, cost effective, environmentally friendly, man-portable diamond core rigs.
- We 'own' and operate all the major required means of exploration including a long term and very competent human resources team, drilling, earth moving and transport equipment, magnetic surveys etc, to maximise exploration success, while minimising costs in a very competitive environment.
- The Company is an ASX listed junior mineral explorer whose shares also trade on the Frankfurt, Berlin and Munich Stock Exchanges.

Notes:

- Gold Equivalent is the contained gold, silver, copper and zinc that are converted to an equal amount of pure gold and summed (based on mineralised rock with assays above various cut off grades and actual metal prices).
- Gold Equivalent (g/t) is based upon metal prices on 1/12/2008, being US\$810.6/oz Au, US\$0.5375/lb Zn, US\$0.4899/lb Pb, & US\$1.6243/lb Cu, US\$10.18/oz Ag; The formula used is Au(g/t) Equivalent = Au(g/t) + 0.45468 x %Zn + 0.41442 x %Pb + 1.37403 x %Cu + 0.01256 x g/t Ag.
- Volcanic hosted massive sulphide deposits such as sought at Mul Mul typically recover contained gold, silver and basemetals if present in sufficient quantities (subject to metallurgical characteristics and prevailing metal prices).
- The ASX requires a metallurgical recovery be specified for each metal, however, no testwork has been reported for Mul Mul and recoveries can only be assumed to be typical for these polymetallic precious and basemetal deposits.
- It is the Company's opinion that each of the elements included in the metal equivalents calculation have a reasonable potential to be recovered if the project proceeds to mining.