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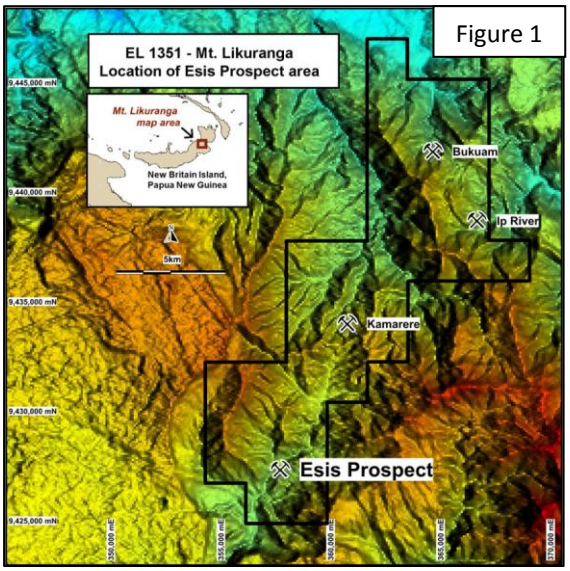
576.6m Grading 0.25% Copper from Surface in NBE009

Porphyry Mineralisation Demonstrated in Multiple Zones over a +1,000m Strike Length at Esis

- **Significant tonnage potential is being demonstrated at the Esis Prospect (Figure 1), with multiple zones of copper mineralisation extending over a +1,000m strike length from Frontier/OTML JV drill holes NBE002, NBE001, NBE004, NBE003, NBE005, NBE007, NBE006 and now NBE009.**
- **Assays are awaited for holes: NBE013 testing the northern strike extent of Esis (about 300m north of NBE001), NBE014 testing the central-western width extent of the deposit, infill holes NBE012 + NBE015 (on Line 560N) and NBE008 + NBE010 at the Pele Prospect (about 1,200m northwest of NBE001).**
- **Weighted assay average results from NBE009 include 274m grading 0.30% copper (from 2.4m) plus 72m grading 0.28% copper (from 315m) and higher grade intercepts such as 14m grading 0.57% copper (from 21m), 18m grading 0.47% copper (from 107m) and 10m of 0.41% copper (from 349m). Refer to Table 1 below for assay averages at various copper cutoff grades.**
- **The copper mineralisation is approximately 550m wide (>0.1%), with a 200-250m wide core (>0.2%).**
- **The mineralisation in drill holes is open in all directions, along strike (NNW-SSE), across strike (WSW to ENE) and at depth along the deposit (Figures 2, 3 and 4).**
- **Fifteen holes have been completed at the Esis Prospect by the OTML /Frontier JV for 7,590.9m.**
- **Future drilling will use mineralogical, geochemical and geophysical information to vector towards the hotter and higher grade zones at depth and across strike.**
- Refer to the Plan, Long Section and Cross Section (Figures 2-4) to visualise the orientation of the copper mineralisation and Tables 1 - 4 for results & information.
- The maximum copper assay was 0.71% over 2.2m and gold was 0.15 g/t over 2.0m.

Figure 1

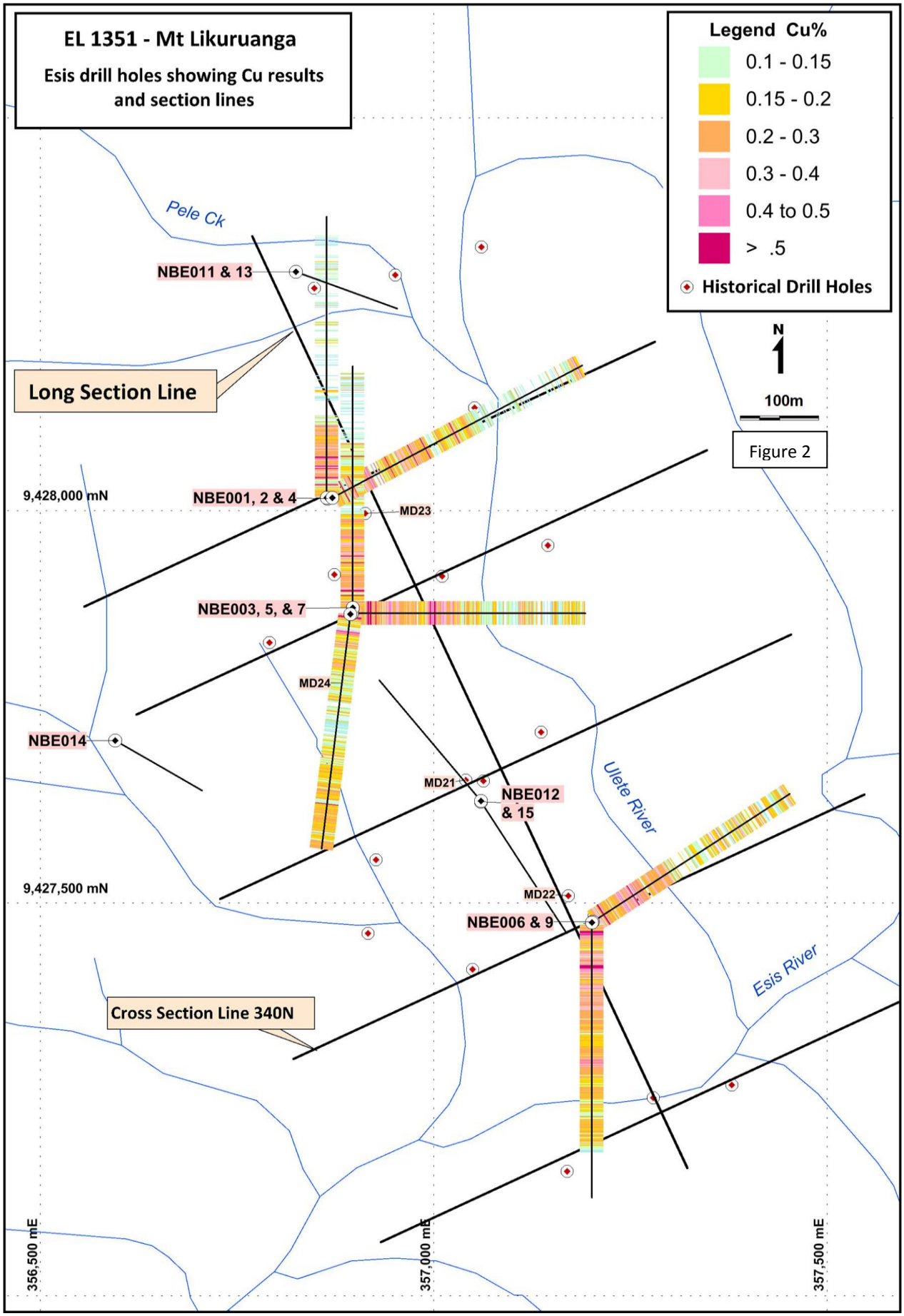


- Molybdenite was noted to increase with depth to a maximum of 94ppm over 2.0m and was typically confined to discreet zones.
- Lithology is predominantly diorite alternating with quartz diorite and is cross cut by felsic dykes. Multiple breccias and stockworks were noted. Rocks are typically clay altered at surface passing into propylitic – phyllic - potassic (at depth). Anhydrite is noted as being strong from 209m to end of hole.
- Holes NBE010, NBE011 and NBE012 are still being sampled by OTML. Assay results for holes NBE008, NBE013, NBE014 and NBE015 will be released when they are made available /compiled.

Drill Hole NBE009 Weighted Assay Results

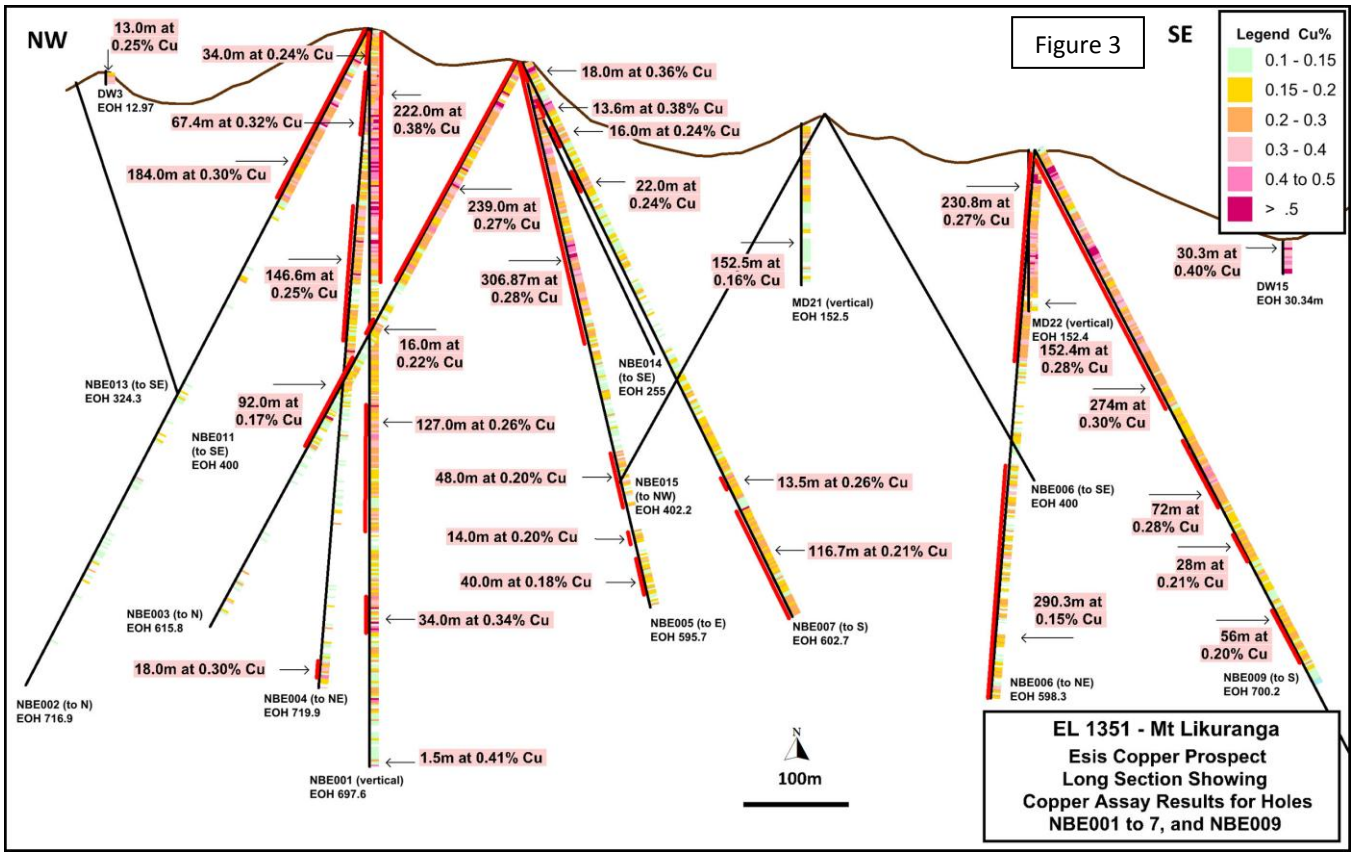
Intercept Length		Copper Average	From (m)	To (m)	Cutoff Grade
Longest =	**576.6m**	**0.25%**	**2.4**	**579.0**	0.1%
Incl.	**274m**	**0.30%**	**7.0**	**281.0**	0.2%
plus	**72m**	**0.28%**	**315.0**	**387.0**	0.2%
Incl.	**14m**	**0.57%**	**21.0**	**35.0**	0.4%
and	4m	0.43%	95.0	99.0	0.4%
and	**18m**	**0.47%**	**107.0**	**125.0**	0.4%
Incl.	10m	0.41%	349.0	359.0	0.4%
and	28m	0.21%	419.0	447.0	0.2%
and	4m	0.29%	463.0	467.0	0.2%
and	**56m**	**0.20%**	**501.0**	**557.0**	0.1-0.2%

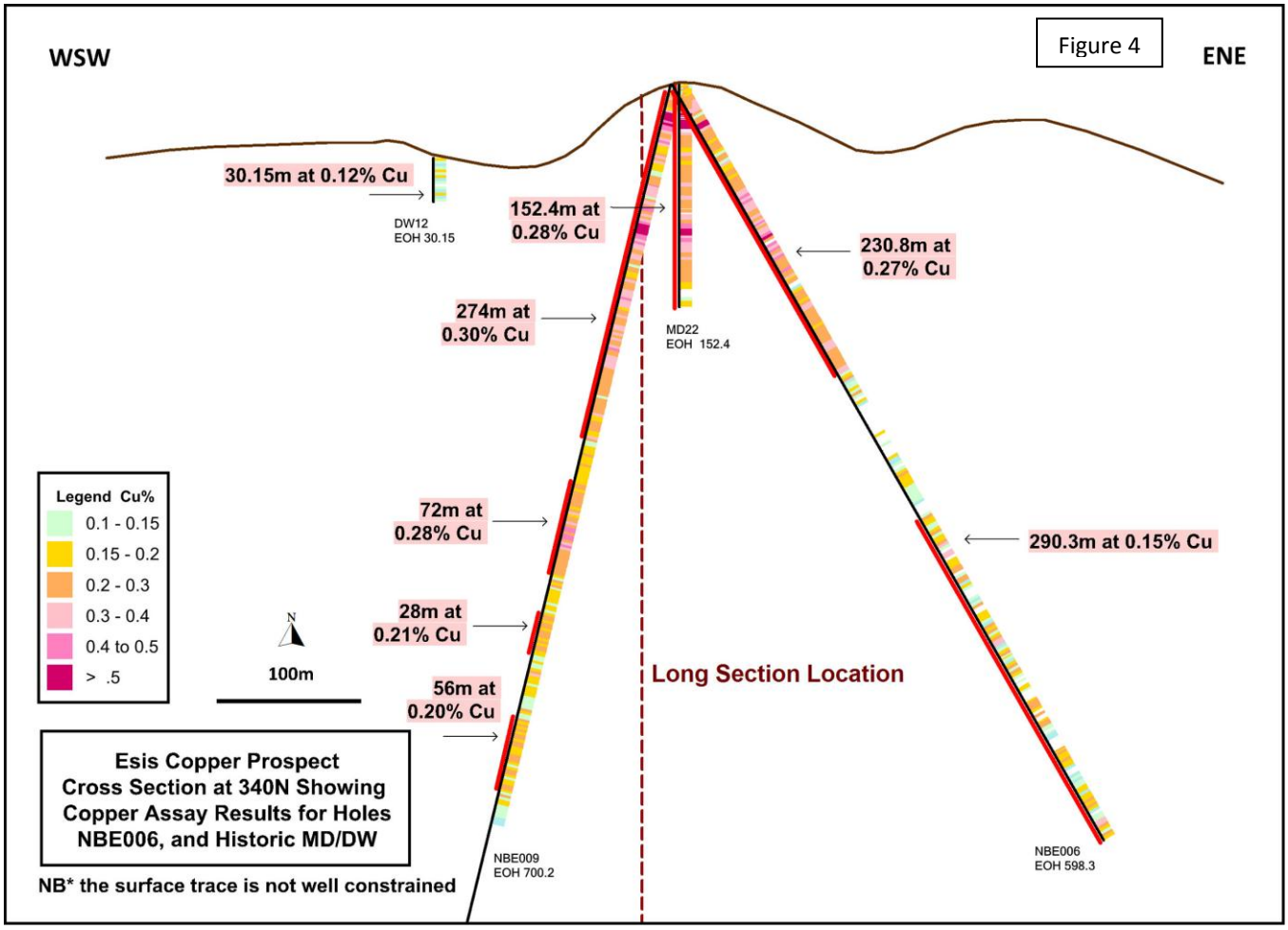
Frontier is pleased to announce assay results from hole 9, that was drilled at the Esis porphyry copper Prospect, EL 1351 - Likuruanga (Figures 1 and 2) by the Ok Tedi Mining Ltd (OTML)- Frontier Resources Ltd Joint Venture.



The EL 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.

The long section in Figure 3 shows that the mineralisation in the upper zone is relatively contiguous near surface between all the holes drilled to date. Figure 4 is a cross section showing the downhole mineralisation. Refer to the ASX release dated 20/8/2012 for additional drill cross sections relating to Esis.





The JV diamond drill holes in varying orientations have achieved a better understanding of the geology with respect to lithology, mineralisation and alteration and will lead to the initial production of a coherent 3D model.

The long section displaying copper in the drill holes demonstrates the consistency of mineralisation between holes and the open nature of the anomaly to the west, east, north, south and at depth.

There appears to be at least 3 zones of moderate grade copper mineralisation that are separated by lower grade copper intervals both horizontally and vertically (as seen in the long section and cross sections).

Details of drillholes completed at Esis are summarised below in Table 2 and Table 3 contains historic hole collar information (accuracy requires further verification). Note that some discrepancies may be noted between averages on the Long and Cross Sections relative to the table and text and this is dependent on the rational for the clustering of results to different depths downhole.

EL 1351 - Esis Prospect JV Drill Hole Location and Orientation Information

Hole Number	Collar Coordinates		RL	End of Hole Depth (m)	Azimuth (GN)	Inclination	Description
	Easting	Northing	(m)				
NBE001	356865	9428015	790	697.6	-	-90	Phase 1 - Central Inen Ridge
NBE002	356864	9428016	790	716.9	0	-60	Phase 1 - Central Inen Ridge
NBE003	356897	9427876	758	615.3	0	-60	Phase 1 - Central Inen Ridge
NBE004	356871	9428016	790	719.9	62	-60	Phase 1 - Central Inen Ridge
NBE005	356896	9427869	757	593.5	90	-60	Phase 1 - Central Inen Ridge
NBE006	357202	9427476	675	598.3	57	-60	Phase 1 - Central Inen Ridge
NBE007	356894	9427868	756	602.7	187	-60	Phase 1 - Central Inen Ridge
NBE008	355987	9428866	1117	602.6	110	-60	Phase 2 – Pele Cu Target
NBE009	357201	9427475	675	700.2	180	-60	Phase 1 – Southern Extn Esis
NBE010	355987	9428866	1054	307.0	0	-60	Phase 2 – Pele Au Target
NBE011	356825	9248304	739	55.4	110	-55	Phase 1 – Northern Extn Esis
NBE012	357060	9427629	709	400.0	147	-60	Phase 1 – Infill
NBE013	356825	9248304	739	324.3	110	-65	Phase 1 – Northern Extn Esis
NBE014	356595	9427707	703	255.0	120	-60	Phase 3 – South Esis Opportunity
NBE015	357060	9427630	676	402.2	320	-60	Phase 1 - Infill
				7590.9			

Reference datum is AMG Zone 56, AGD 66 – Easting's and Northing's are GPS pickup: RL calculated from distance - dip field surveying.

Hole Number	Depth (m)	Northing (m)	Easting (m)
DW1	53.3	357061	9428336
DW2	30.5	356951	9428300
DW3	25.0	356848	9428283
DW4	30.3	357052	9428131
DW5	30.1	357145	9427955
DW6	25.0	357011	9427916
DW7	25.0	356874	9427918
DW8	30.4	357136	9427718
DW9	30.5	357379	9427269
DW10	29.7	357169	9427159
DW11	42.0	357279	9427252
DW12	30.2	357049	9427415
DW13	26.2	356927	9427555
DW14	30.0	356917	9427462
DW15	30.4	357279	9427252
MD21	152.5	357063	9427656
MD22	152.4	357204	9427483
MD23	152.6	356868	9428022
MD24	153.4	356791	9427832
Total	**1079.3**	**m**	

Hole NBE009 delivers multiple mineralised intercepts, the most notable being an extensive 576.6m grading 0.25% copper (0.1% cut-off) from 2.4m to 579m down hole. This long intercept contains higher grade zones of significance such as 14m grading 0.57% copper (from 21m), 18m grading 0.47% copper (from 107m) and 10m of 0.41% copper (from 349m). Refer to Table 1 for NBE009 weighted assay averages and Table 4 for all other results to date.

NBE009 was drilled on the same Pad as NBE006 (see Figure 2-4 for location) and was designed to test southern extension of the mineralization. Weathering is predominant to 45m and copper mineralisation occurs in micro-fractures and fine disseminations. Gold is slightly elevated but is still considered insignificant with respect to a possible economic contribution. The assay results demonstrate the copper mineralisation is still open to the south.

To provide a complete picture of results to date, results from previously announced holes NBE001 -007 are summarised as Table 4 below.

A copper mineralised zone about 215m wide was intersected in NBE014 from 40m to end of hole at 255m. The zone is characterised as a pyrite-chalcopyrite-molybdenite-magnetite stockwork.

A 402m wide copper mineralised zone was intersected in NBE015 from surface and hosted primarily in andesite, basalt and siliceous breccias that are intruded by a series of felsic quartz porphyry dykes similar to NBE012. Mineralisation is dominantly pyrite-chalcopyrite and occurs as veins and along fractures in the volcanics whilst it tends to occur as disseminations within chloritised, hornfelsed and phyllic altered matrices of mineralised siliceous breccias. Alteration is dominantly phyllic, characterised by quartz-sericite-chlorite.

Core from hole NBE009 was cut in half onsite longitudinally by diamond bladed cut-off saw. Half core was sampled as appropriate relative to geology; they were flown to Tabubil for sample preparation and were assayed by Australian Analytical Laboratories in Townsville by fire assay (50g charge) for gold and ICP for copper, molybdenum, silver, lead, zinc, arsenic and other elements. Suitable internal standards are used as appropriate.

Frontier and OTML established a Joint Venture In May 2010 that relates to 5 ELs in Papua New Guinea.

- OTML have the option to earn 80.1% of EL 1351 - Likuruanga by spending US$12 million by late May 2016.
- Frontier is carried from completion of earn-in to the completion of a Bankable Feasibility Study, with pro-rata (carried) repayments from 50% of its future metal sales.

Frontier's equity is non-dilutable if the PNG government elect to participate in the project at the time of granting of a Mining Lease. For information relating to Frontier Resources, please visit the Company's website at www.frontierresources.com.au or feel free to contact me.

FRONTIER RESOURCES LTD

P.A.McNeil, M.Sc.

CHAIRMAN/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 the information in the form and context in which it appears.

Esis Deposit Drill Hole Weighted Assay Highlights

Hole	From	(m)	To (m)	Intercept (m)	Copper (%)	Moly (ppm)
NBE001	**Entire Hole**	**0.0**	**697.6**	**110.6**	**0.17**	**15**
		0	66.1	66.1	0.27	17
	Plus	**66.1**	**228.0**	**161.9**	**0.41**	**57**
	Plus	228.0	350.0	122.0	0.18	18
	Plus	**350.0**	**477.0**	**127.0**	**0.26**	**11**
	Plus	477.0	537.0	60.0	0.18	7
	Plus	**537.0**	**571.0**	**34.0**	**0.34**	**3**
	Plus	571.0	697.6	126.6	0.16	14
NBE002	**Entire Hole**	**0.0**	**716.9**	**716.90**	**0.13**	**14**
		2.0	186.0	**184.0**	**0.30**	19
	Incl.	30.1	38.1	**8.0**	**0.40**	7
	Plus	48.1	54.1	**6.0**	**0.67**	3
	Plus	74.1	83.6	**9.5**	**0.57**	7
	Plus	97.6	107.6	**10.0**	**0.37**	5
NBE003	**Entire Hole**	**0.0**	**606.8**	**606.8**	**0.18**	**25**
		0.0	**239.0**	**239.0**	**0.27**	**35**
	Plus	239.0	283.0	**44.0**	**0.11**	18
	Plus	283.0	299.0	**16.0**	**0.22**	**46**
	Plus	299.0	329.0	**30.0**	**0.11**	37
	Plus	329.0	421.0	**92.0**	**0.17**	15
	Plus	421.0	553.0	132.0	0.07	12
	Plus	553.0	599.0	**46.0**	**0.12**	23
	Plus	599.0	606.8	7.8	0.05	15
NBE004	**Entire Hole**	**0.0**	**719.9**	**719.9**	**0.17**	**25**
		0.0	4.0	4.0	0.02	21
	Plus	**4.0**	**38.0**	**34.0**	**0.24**	9
	Plus	38.0	48.1	10.1	0.09	17
	Plus	**48.1**	**115.5**	**67.4**	**0.32**	**53**
	Plus	115.5	131.6	16.1	0.06	70
	Plus	**131.6**	**278.2**	**146.6**	**0.25**	**63**
	Plus	278.2	301.0	22.8	0.09	32
	Plus	**301.0**	**395.0**	**94.0**	**0.20**	**23**
	Plus	**395.0**	**453.0**	**58.0**	**0.12**	2
	Plus	453.0	503.0	50.0	0.07	1
	Plus	**503.0**	**561.0**	**58.0**	**0.10**	2
	Plus	561.0	669.0	108.0	0.07	2
	Plus	**669.0**	**719.9**	**50.9**	**0.19**	5
	Incl.	**691.0**	**709.0**	**18.0**	**0.30**	6
NBE005	**Entire Hole**	**0.0**	**593.5**	**593.5**	**0.21**	**23**
		0.0	18.0	18.0	0.14	11
	Plus	**18.0**	**324.8**	**306.8**	**0.28**	**30**
	Incl.	**36**	**50**	**14**	**0.49**	**5**
	Plus	324.8	424.0	99.2	0.12	11
	Plus	**424.0**	**472.0**	**48.0**	**0.20**	**23**
	Plus	472.0	510.0	38.0	0.09	11
	Plus	**510.0**	**524.0**	**14.0**	**0.20**	**20**
	Plus	524.0	540.0	16.0	0.09	28
	Plus	**540.0**	**580.0**	**40.0**	**0.18**	**16**
	Plus	580.0	590.0	10.0	0.12	19
	Plus	**590.0**	**593.5**	**3.5**	**0.23**	**4**
NBE006	**Entire Hole**	**0.0**	**598.3**	**598.3**	**0.19**	**25**
		3.5	**236.0**	**232.5**	**0.27**	**21**
	incl.	**16.0**	**38.0**	**22.0**	**0.35**	**19**
	and	**86.0**	**150.0**	**64.0**	**0.34**	**21**
	plus	236.0	308.0	72.0	0.07	15
	plus	308.0	528.0	220.0	0.14	25
	incl.	356.0	396.0	40.0	0.19	24
	and	396.0	446.0	16.0	0.23	49
	plus	528.0	598.3	70.3	0.17	50
	incl.	**581.0**	**592.0**	**11.0**	**0.24**	**117**
NBE007	**Entire Hole**	**0.0**	**602.7**	**602.7**	**0.17**	**11**
		0	**138**	**138**	**0.23**	13
	Incl.	**0.0**	**12.0**	**12.0**	**0.43**	**8**
	Plus	12.0	40.4	28.4	0.17	16
	Plus	**40.4**	**52.0**	**11.6**	**0.41**	**14**
	Plus	52.0	116.0	64.0	0.18	15
	Plus	**116.0**	**138.0**	**22.0**	**0.24**	8
		138.0	224.0	86.0	0.14	8
		224.0	320.0	96.0	0.10	4
		320.0	436.0	116.0	0.16	12
		436.0	**602.7**	**166.7**	**0.21**	**15**