



EXPLORING NEW FRONTIERS IN PAPUA NEW GUINEA & AUSTRALIA

AGM Presentation – November 24, 2010



Highlights

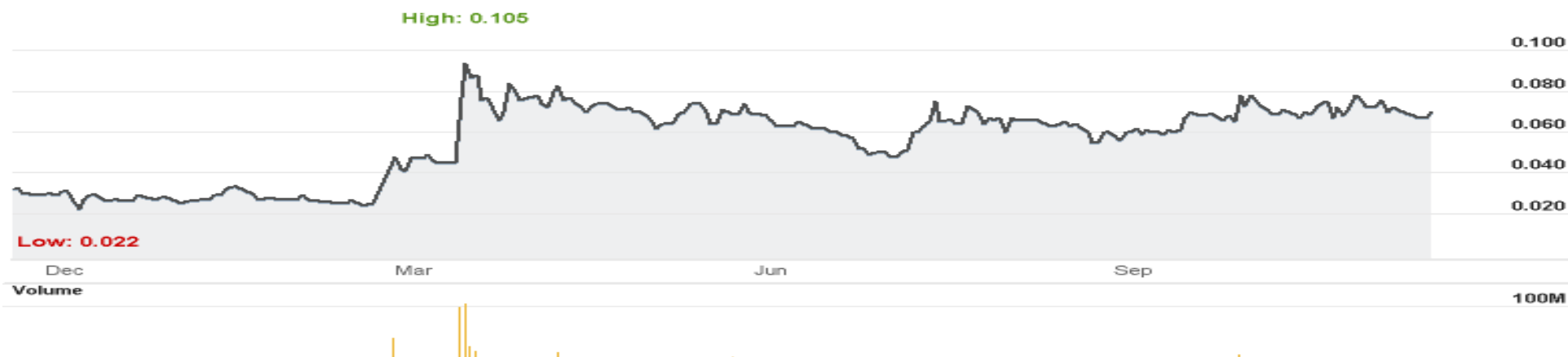
- Frontier is an ASX listed company focused on the exploration and development of mineral deposits in Papua New Guinea (the Pacific Rim of Fire) and Tasmania, Australia.
- The Company has a carefully selected portfolio of 4 highly prospective, 100% owned Exploration Licenses and 3 EL Applications in Papua New Guinea including:

Bulago	(EL1595)	High Grade Gold – 27m grading 66.8g/t gold (trench)
Leonard Schultz	(EL 1597)	Gold and Porphyry Copper – 16m of 18.60 g/t gold (trench)
Likuruanga	(EL 1351)	Gold + Porphyry Copper –27m of 0.71% copper (drill)
Andewa	(EL 1345)	Gold - 7.9m of 10.01g/t gold (drill)
- ELs 1595, 1597 and 1351 + 2 EL Applications are subject to excellent earn-in Joint Ventures with Ok Tedi Mining Ltd, for USD\$12 million per project , within 6 years, to earn between 58% and 80.1% direct equity.
- Frontiers' portfolio also includes highly prospective 100% or 90% owned ELs and a 100% owned Retention License in Tasmania.
- Mobilisation into SMRV has occurred in preparation for a 1,200m drilling program.
- Cethana EL and the Narrawa RL are highly prospective for tungsten mineralisation and this will be evaluated by a major soil sampling program commencing this week.
- None of the projects have any known impediments to exploration and development.



Corporate Overview (ASX:FNT)

Initial Public Offering	April 2003
Shares on Issue (FNT) (as at 23/11/10)	210,315,647
Total Listed Options (FNTO)	34,214,845
Share Price (as at 23/11/10)	7.0c
Market Capitalisation	\$14.7M
Shareholders - Ok Tedi Mining Ltd	7.3%
- Interests of P.McNeil	4.2%
Cash at Bank	~\$1.0M
Top 20 Shareholders currently hold	38.5%



Experienced Board and Management

Peter McNeil B.Sc., M.Sc, MAICD - **Chairman & Managing Director**, Geologist 28 years exploration experience in PNG (incl Lihir), Tasmania, WA and USA. Drilled discovery holes in 1992/1993 at Sunrise Dam (Delta) and Nimary (Eagle Mining) that together contain >14M oz gold.

Warren Staude B.Sc., M.Sc - **Non Executive Director**, Geologist (Mineral Economics) >40 years experience in funds management, mining and exploration.

Graham Fish B.Sc., M.Ed., - **Non Executive Director**, Geologist >40 years experience in management and geological administration.

David H Swain B.Sc, M.Sc. - **Non Executive Director**, Mining Engineer >40 years experience in mining, including Bougainville Copper Mine.

Jay Stephenson MBA., - **Chief Financial Officer & Joint Company Secretary**, Certified Management Accountant >20 years accounting and Company Secretarial experience.

Paige McNeil B.Ed., Grad Dip ACG, GAICD – **Joint Company Secretary and Administration Manager**, 5 years Company Secretarial experience and 14 years exploration administration in PNG and Australia.

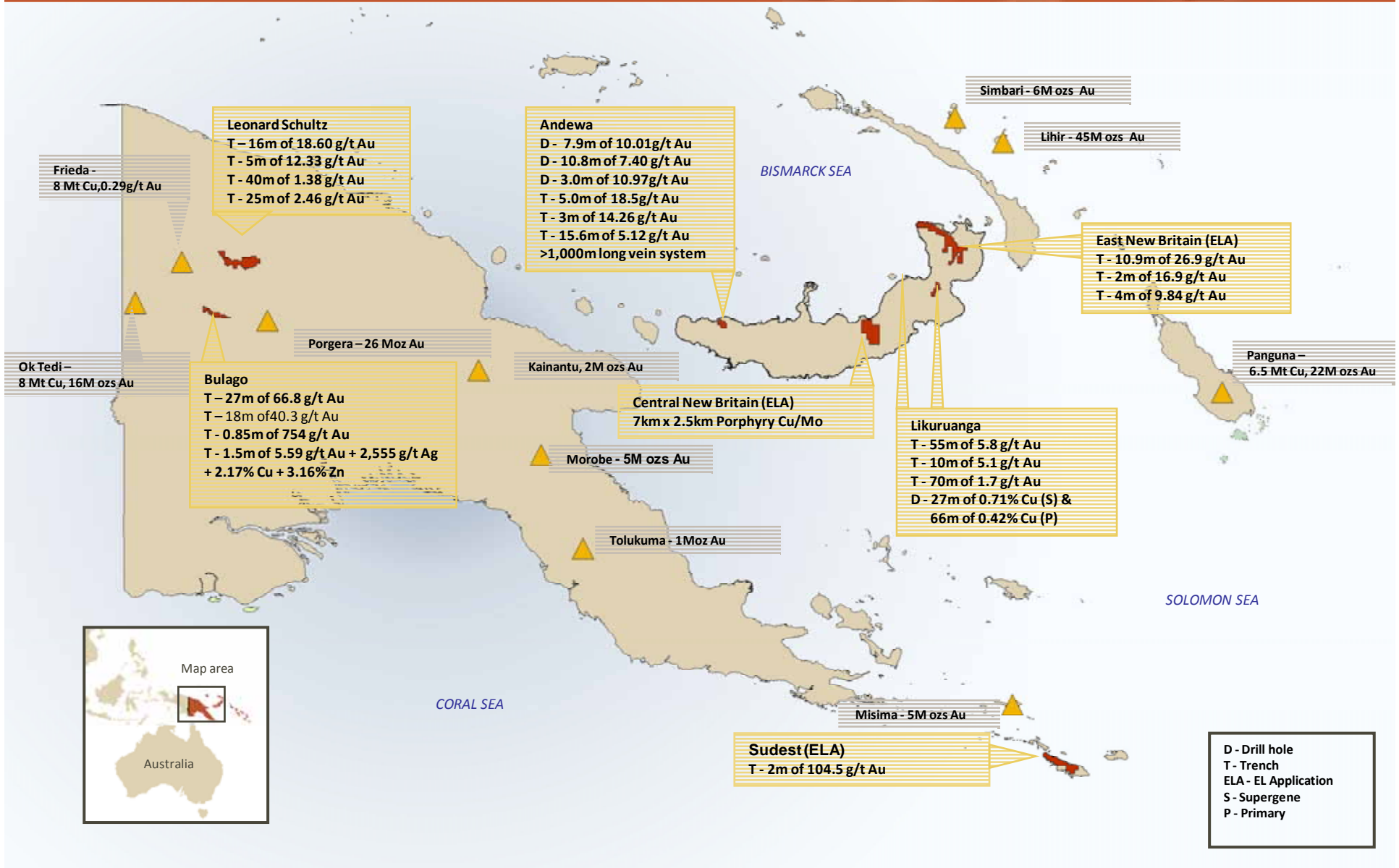


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Exploration License Locations - Papua New Guinea

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New Britain Tenement Locations



Andewa Gold Project

Andewa is 100% owned by Frontier and is not part of the OTML JV. The EL is Frontier's sole exploration focus in PNG and work in 2010 has substantially upgraded the project.

A three dimensional (3D) Induced Polarisation geophysical program was completed mid-November and the initial, highly encouraging chargeability results will be announced this week. The concurrently run soil sampling program will be finalised in early December and results will be announced when a meaningful and cohesive group of assays have been returned.

Komsen is the currently the main Prospect and Frontier have completed the only drilling on the project with 22 holes for 2,353.9m. Drill results include: 7.9m of 10.01g/t gold, 10.8m of 7.4g/t gold, 3m of 10.97g/t and 1m of 19.0 g/t gold + 119.0g/t silver+ 10.3% zinc.

Drilling has confirmed the continuity of significant gold to 320m below surface in the mineralised structure (in 1 hole) and over a strike length of 180m closer to surface .

Trench results include 5.0m of 18.5g/t gold, 3.7m of 12.6g/t gold, 3m of 14.3g/t gold and 21.65m of 4.4g/t gold.

Higher grade gold is extensive and could run the length of the system.

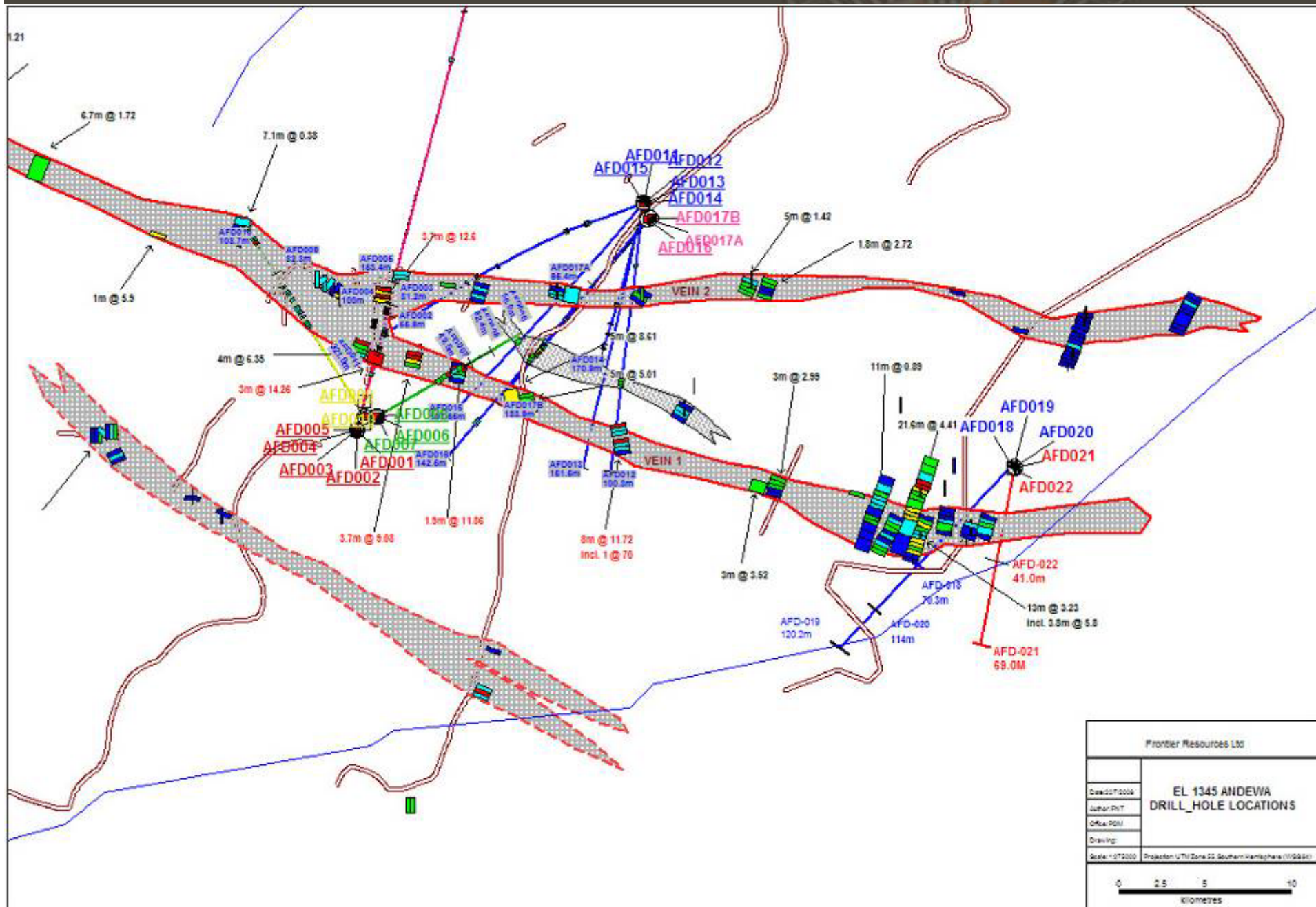
Copper and base metals are also present and are being evaluated.

Management believe that Andewa has excellent mineralisation potential.



Andewa Gold Project

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Frontier Resources Ltd	
Drawn: 01/06/06	EL 1345 ANDEWA
Author: RHT	DRILL_HOLE LOCATIONS
Checked: PHL	
Drawn:	
Scale: 1:25000	Projection: UTM Zone 22, Southern Hemisphere (10S20)

Andewa Gold Project

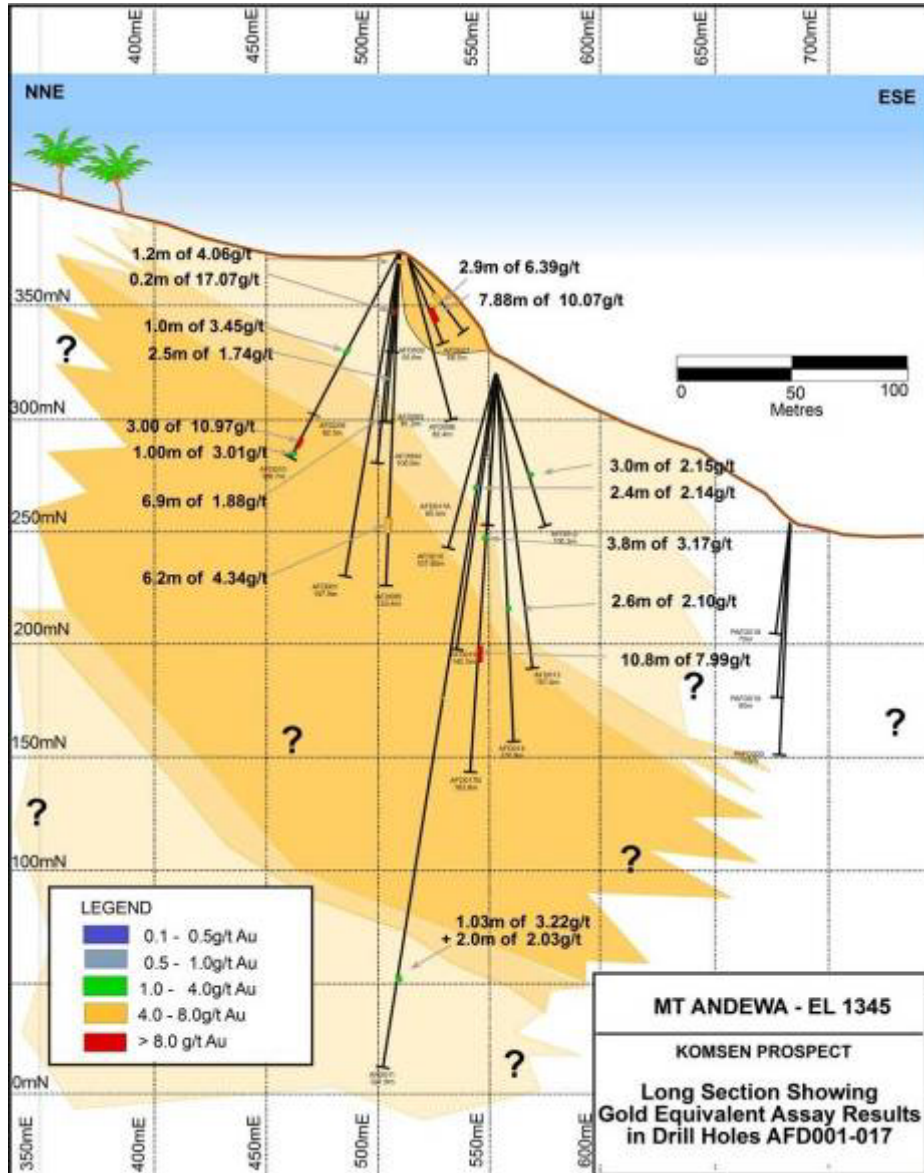
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Hole Number	Interval Length	Gold Equivalent (g/t)	Gold Equiv. Gram Metres	Weighted Assay Grades					Downhole Interval		Hole Information					
				Gold (g/t)	Silver (g/t)	Zinc (%)	Lead (%)	Copper (%)	From (m)	To (m)	EOH Depth (m)	Easting	Northing	RL	Azimuth (TN)	Incl. Degrees
AFD001	1.2 m	4.00	4.8	4.06	-	-	-	-	20.6	21.8	197.9m	713542	9383644.5	374	14	-45
plus	0.5 m	3.63	1.8	2.55	36.0	0.48	0.14	0.19	165.4	165.9						
AFD002	0.2 m	13.24	2.6	5.43	95.0	11.10	2.30	0.12	35.7	35.9	55.6	713542	9383644.5	374	14	-55
plus	0.9 m	2.76	2.5	2.62	-	-	-	-	38.7	39.6						
AFD003	2.5 m	2.00	5.0	1.43	16.4	0.25	-	0.10	60.8	63.3	81.2	713542	9383644.5	374	14	-65
AFD004	6.9 m	1.78	12.3	1.60	4.6	0.12	-	-	76.8	83.7	97.8	713542	9383644.5	374	14	-70
incl.	0.7 m	6.57	4.6	6.28	3.0	0.39	-	-	76.8	77.5						
plus	3.0 m	1.62	4.9	1.46	5.6	-	-	-	80.7	83.7						
AFD005	1.0 m	1.91	1.9	0.09	1.0	3.20	0.49	-	115.5	116.5	153.4	713542	9383644.5	374	14	-75
plus	4.5 m	6.90	31.1	5.69	1.4	2.34	-	-	121.4	125.9						
incl.	1.0 m	23.63	23.6	18.45	-	10.30	0.24	0.22	122.4	123.4						
AFD006	2.9 m	6.53	18.9	6.39	6.2	-	-	-	30.4	33.3	56.9	713547	9389648	374	60	-45
incl.	0.9 m	10.57	9.5	10.55	-	-	-	-	32.4	33.3						
AFD007	7.9 m	10.19	80.5	10.01	4.5	0.11	-	-	31.5	39.4	49.5	713547	9389648	374	60	-55
incl.	5.9 m	13.19	77.8	13.07	6.0	0.14	-	-	33.5	39.4						
incl.	2.0 m	32.67	65.3	32.55	6.0	0.22	-	-	37.4	39.4						
AFD008	0.9 m	0.21	0.2	0.21	-	-	-	-	71.2	72.1	82.4	713547	9389648	374	60	-65
AFD009	1.0 m	3.43	3.4	2.47	16.0	1.00	0.20	0.11	52.8	53.8	82.3	713544	9389652	374	328	-42.5
AFD010	3.0 m	11.01	33.0	10.97	-	-	-	-	99.0	102.0	108.7	713544	9389646	374	328	-57.5
incl.	2.0 m	15.29	30.6	15.25	-	-	-	-	99.0	101.0						
plus	1.0 m	3.06	3.1	3.01	-	-	-	-	107.0	108.0						
AFD011	2.0 m	2.44	4.9	2.32	-	0.17	-	-	78.4	80.4	321.6	713617	9383704	322	248.5	-75
plus	1.3 m	1.18	1.5	1.03	5.0	-	-	-	174.3	175.6						
plus	1.0 m	3.13	3.1	2.69	7.0	0.51	-	-	279.6	280.6						
plus	2.0 m	2.03	4.1	1.39	7.5	0.71	0.28	-	282.4	284.4						
AFD012	3.0 m	2.32	7.0	2.10	2.3	0.34	-	-	65.7	68.7	100.3	713617	9383704	322	194	-45
incl.	1.0 m	3.06	3.1	3.02	-	-	-	-	67.7	68.7						
AFD013	1.2 m	0.12	0.1	0.12	-	-	-	-	97.9	99.1	151.5	713617	9383704	322	194	-60
AFD014	2.6 m	2.16	5.6	2.09	-	-	-	-	109.0	111.6	170.4	713617	9383704	322	194	-70
AFD015	2.4 m	2.27	5.4	2.08	5.0	0.14	-	-	70.0	72.4	107.6	713617	9383704	322	217	-45
AFD016	3.8 m	3.28	12.5	3.06	5.5	0.17	-	-	80.5	84.3	142.5	713617	9383704	322	217	-55
incl.	1.0 m	6.47	6.5	6.41	1.5	-	-	-	80.5	81.5						
AFD017	10.8 m	7.39	79.8	6.99	12.4	0.17	-	-	127.4	138.2	183.9	713617	9383704	322.00	220	-70
incl.	3.6 m	14.02	50.5	13.51	16.8	0.20	-	0.12	132.4	136.0						
AFD018	17.9 m	2.17	38.8	2.09	0.7	-	-	-	30.7	48.6	70.5	713729.3	9383635.9	253.00	227	-45
incl.	9.9 m	2.91	28.8	2.79	1.2	0.13	-	-	30.7	40.6						
incl.	2.9 m	5.51	15.9	5.23	4.1	0.38	-	-	30.7	33.6						
plus	5.0 m	2.56	12.8	2.51	-	-	-	-	35.6	40.6						
AFD019	18.57 m	1.20	22.3	1.13	0.7	-	-	-	25.7	44.27	120.2	713729.3	9383635.9	253.00	227	-60
incl.	7 m	2.78	19.5	2.71	1.3	-	-	-	36.27	43.27						
incl.	1 m	5.70	5.7	5.63	1.6	-	-	-	36.27	37.27						
AFD020	7.5 m	3.76	28.2	3.73	1.5	-	-	-	69.5	77.0	114.0	713729.3	9383635.9	253.00	227	-75
incl.	3.5 m	6.54	22.9	6.51	1.5	-	-	-	69.5	73.0						
incl.	0.9 m	15.13	13.6	15.10	1.7	-	-	-	69.5	70.4						
AFD021	12.5 m	0.20	2.5	0.12	0.6	-	-	-	40	52.5	69.0	713729.3	9383635.9	253.00	177	-50
incl.	2.7 m	0.61	1.7	0.37	1.6	-	-	0.35	49.8	52.5						
AFD022	1.1 m	0.44	0.5	0.34	1.4	-	-	-	35.52	36.62	41.0	713729.3	9383635.9	253.00	177	-65

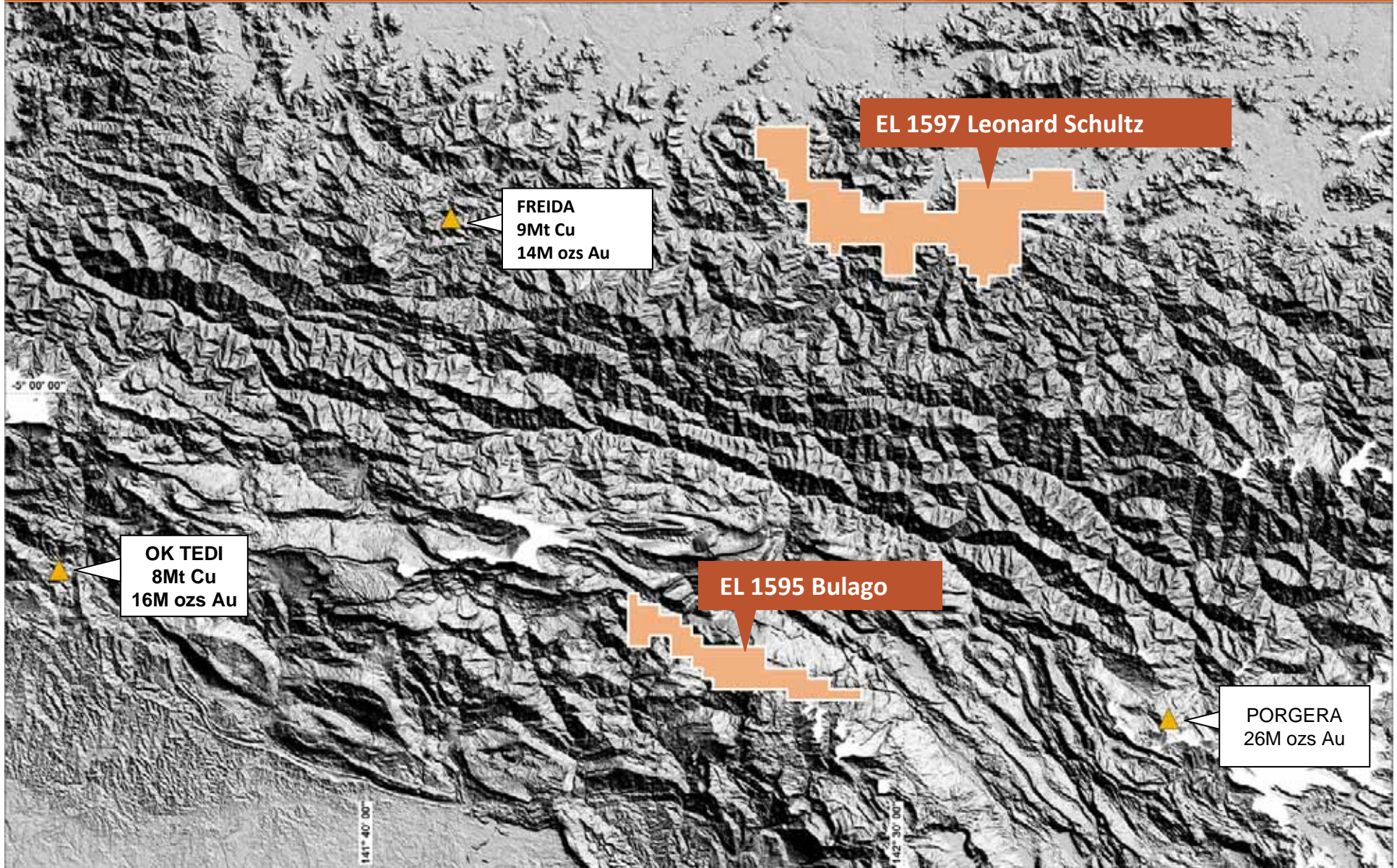
NB: Au Equivalent g/t is based upon metal prices on 11/11/2008, being US\$732.8/oz Au, US\$0.4901/lb Zn, US\$0.5829/lb Pb, & US\$1.674/lb Cu, US\$9.805/oz Ag. The formula used is Au(g/t) Equivalent = Au(g/t) + 0.4586 x %Zn + 0.5454 x %Pb + 1.56641 x %Cu + 0.01338 x g/t Ag

Andewa Gold Project

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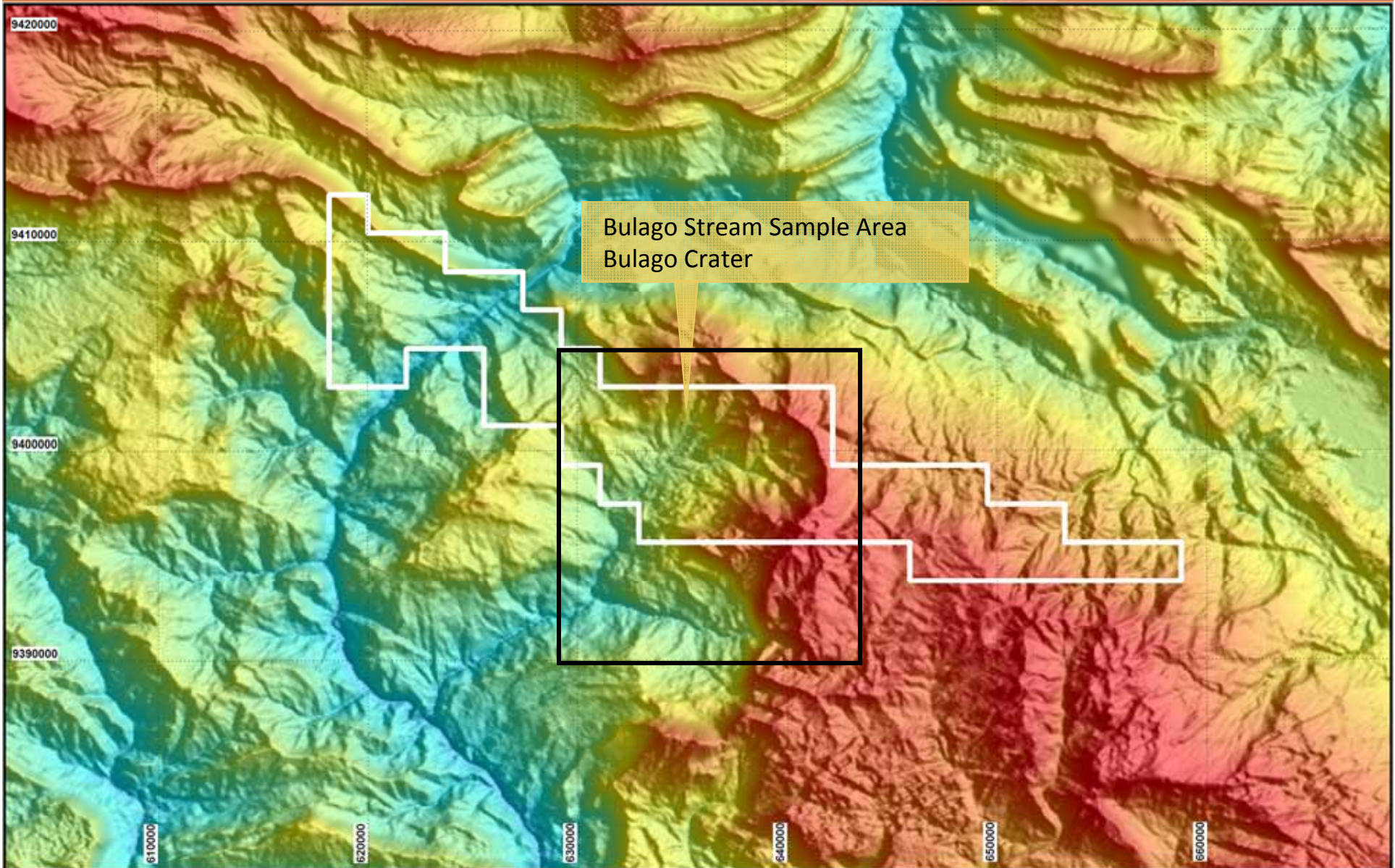
Highlands Area Tenement Location Plan



Bulago – High Grade Gold Project

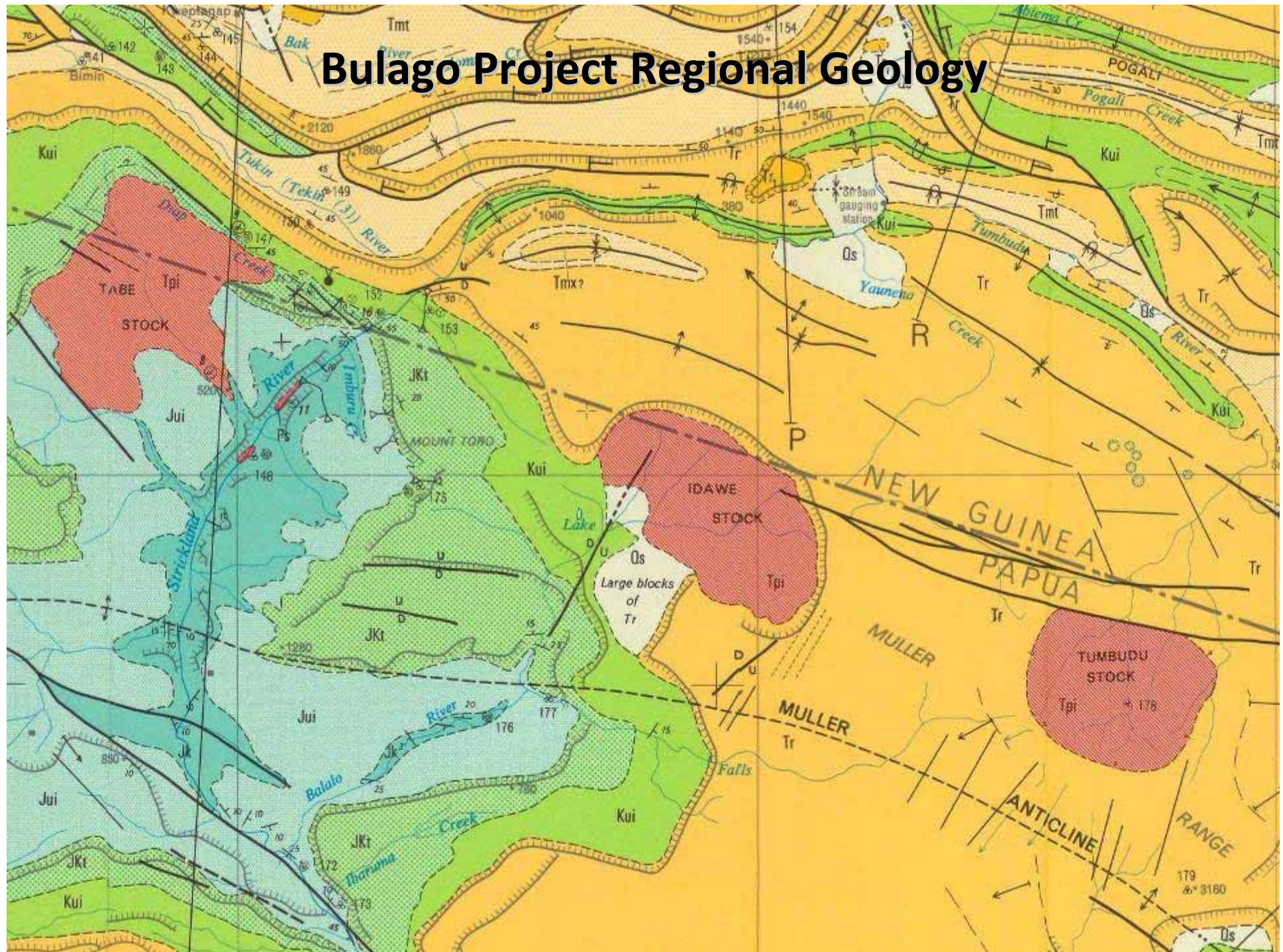


Bulago – High Grade Gold Project



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Bulago Project Regional Geology



Bulago – High Grade Gold Project



Exploration at the Suguma Prospect has demonstrated spectacular high grade gold trench assays including:

- 27m grading 66.8 g/t gold
- 18m grading 40.3 g/t gold
- 9m grading 64.0 g/t gold
- 7.5m grading 67.0 g/t gold
- 4m grading 135.6 g/t gold
- 9m grading 24.0 g/t gold and others.

Multiple very high-grade gold mineralised horizons defined

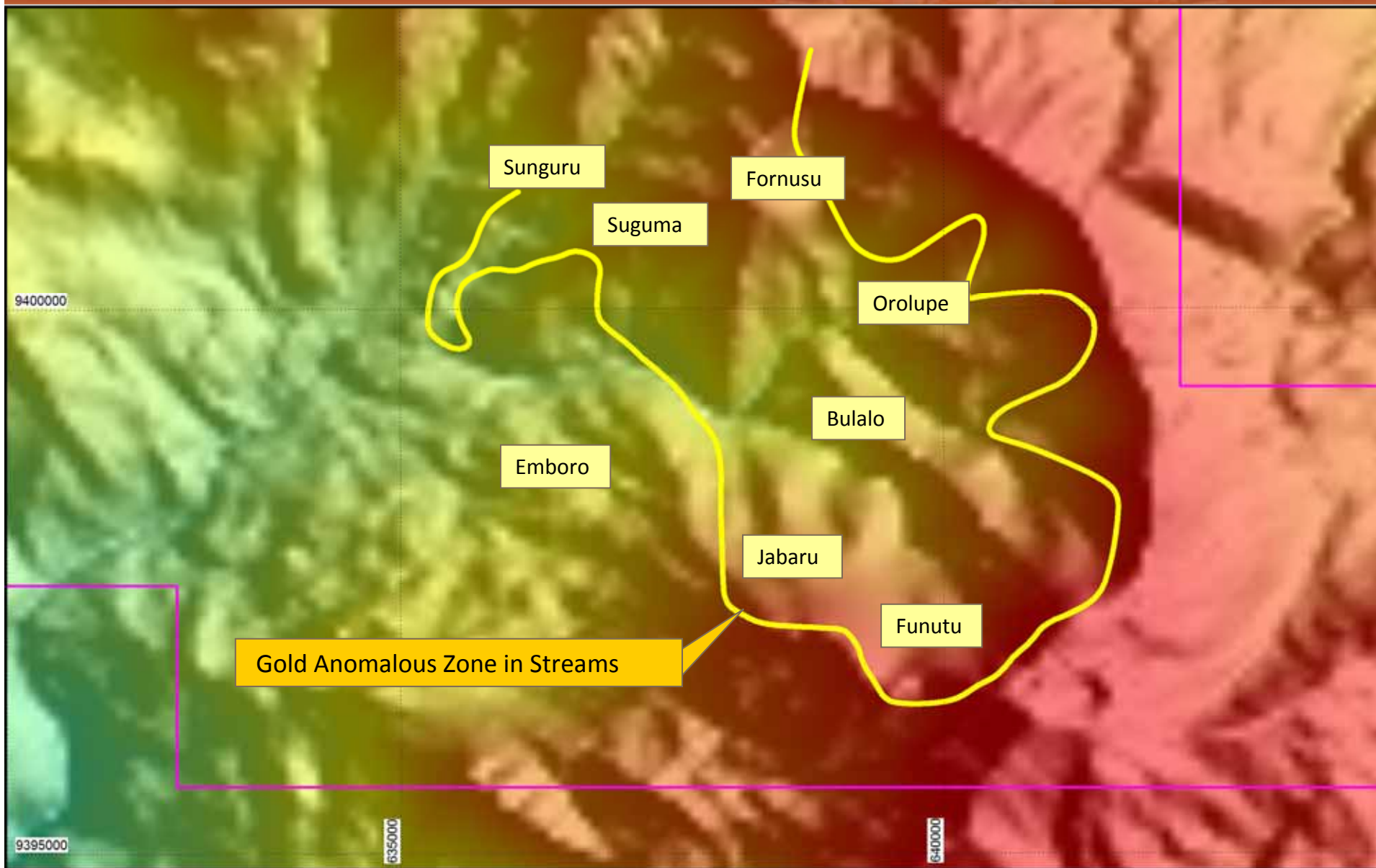
EL 1595 is subject to the OTML JV, whereby OTML can earn a 58% direct equity by expending USD\$12 million in 6 years, with Frontier deferred carried to completion of Bankable Feasibility Study – repayable from 50% of future cash flow.



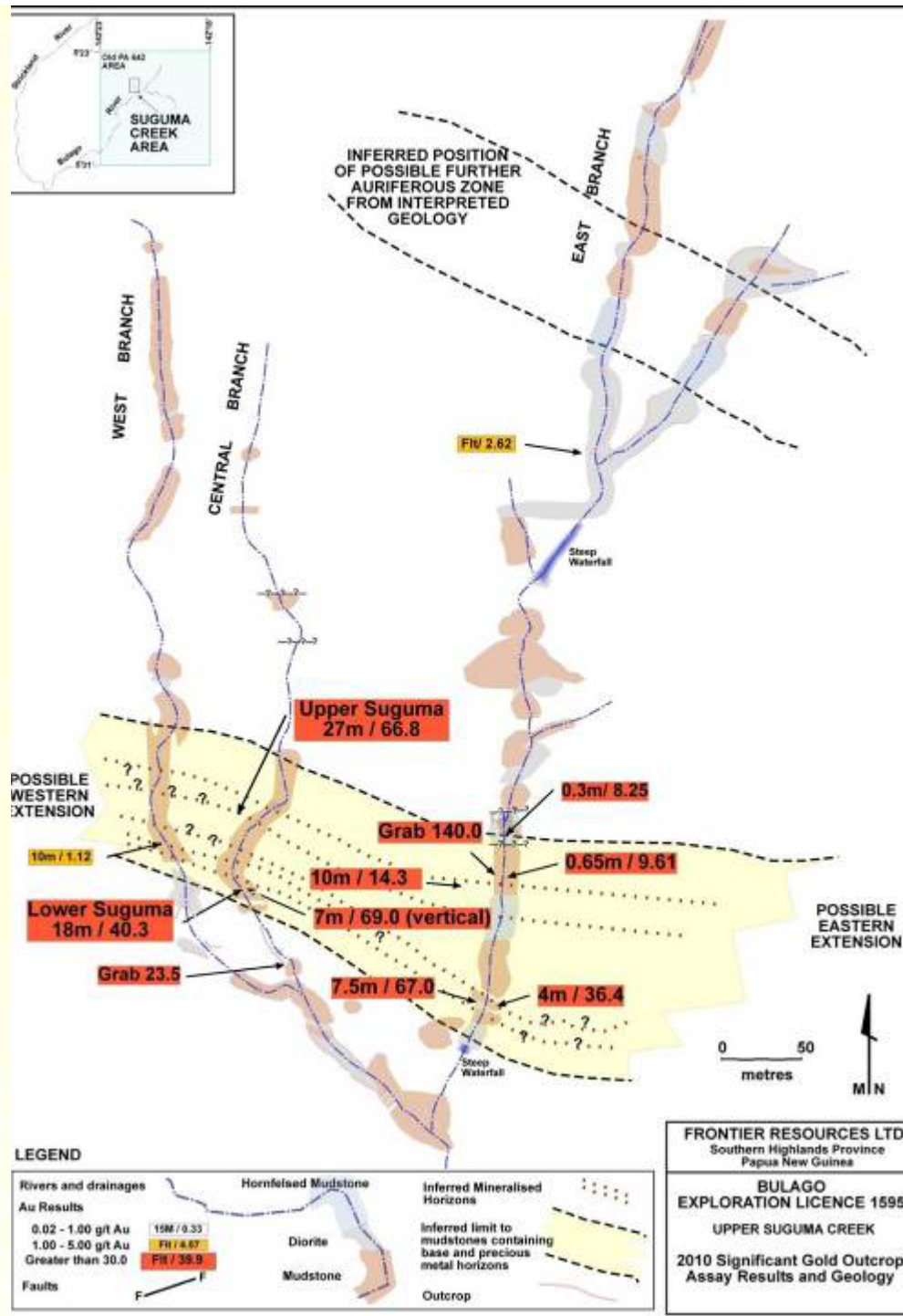
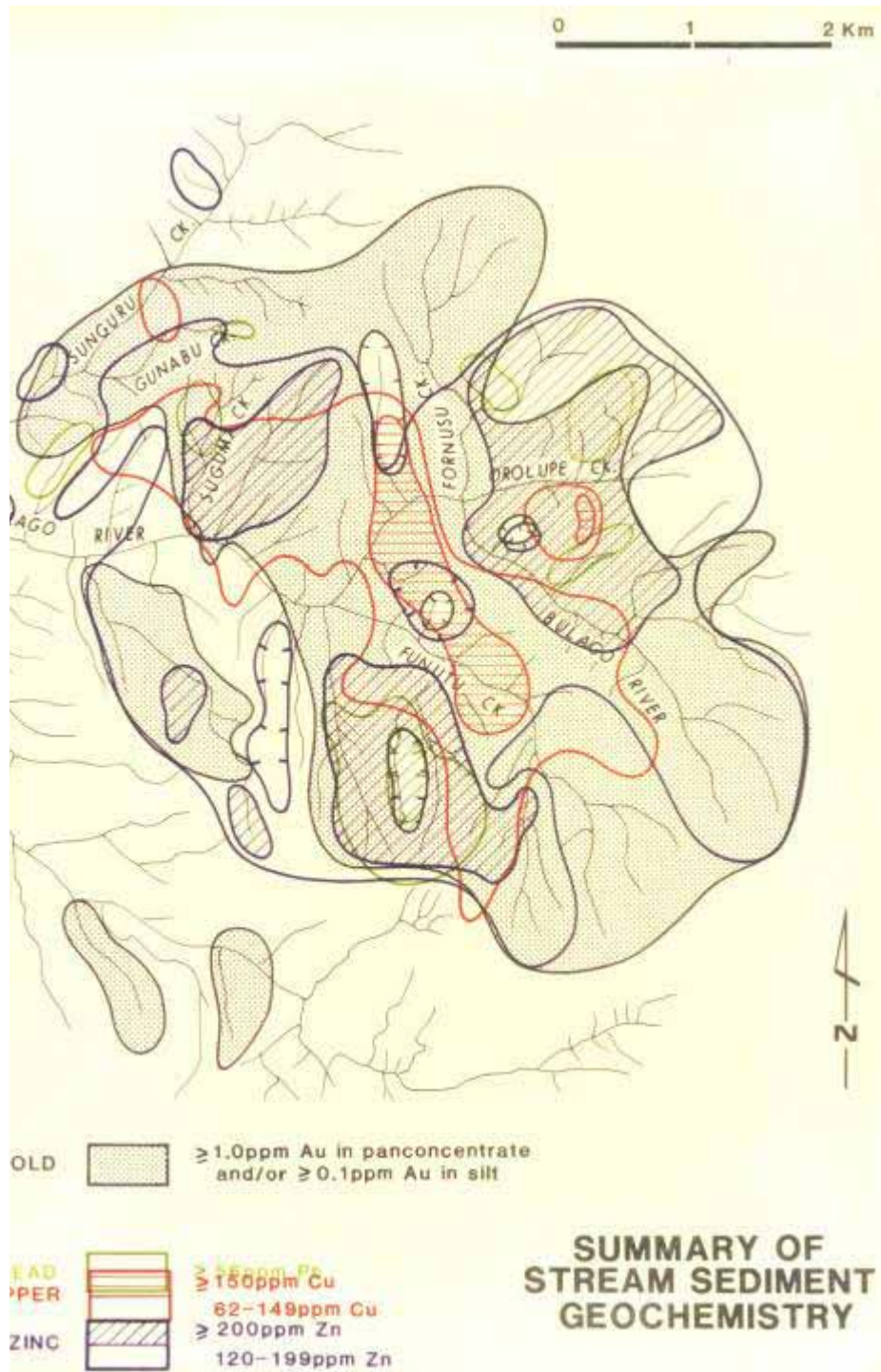
Very high grade silver was encountered at Bulalo Prospect in a 1.5m wide vein grading 5.59 g/t gold + 2,555 g/t silver + 2.17% copper + 3.16% zinc



Bulago Prospect Locations



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Bulago Project

Suguma Prospect Rock Chip Channel, Grab and Float Assay Results					
Sample Length	Gold (g/t)	Silver (g/t)	Zinc (%)	Lead (%)	Copper (%)
27.0m	67.8	25	0.25	0.16	0.05
18.0m	40.3	32	1.13	0.14	0.06
incl. 12.0m	79.1	31	1.05	0.18	0.06
7.5m	67.0	42	2.27	1.52	0.28
incl. 4.5m	92.7	52	2.90	1.93	0.37
9.0m	24.0	45	1.30	0.23	0.08
incl. 3.0m	69.0	97	1.46	0.61	0.10
4.0m	135.6	105	3.49	2.68	0.63
4.0m	36.4	35	0.94	0.93	0.26
6.0m	21.1	20	1.25	0.53	0.12
10.0m	14.3	25	1.36	0.54	0.15
incl. 2.0m	48.3	61	2.35	1.97	0.51
0.65m	9.61	15	1.26	0.54	0.09
0.3m	8.25	<5	1.12	0.13	0.01
Outcrop Grab	140.0	101	2.97	2.77	0.45
Outcrop Grab	23.5	11	0.08	0.12	0.04
Outcrop Grab	10.1	151	10.90	0.12	0.14
Rock Float	16.7	323	0.78	0.45	0.15



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Bulago Project

Upper Suguma Zone prior to sampling, but looking from near sample 192822, upslope where the sampling was conducted. Senior National Consultant Geologists Charles Yobone for scale.



Bulago Project



Photo of the central part of the Lower Suguma Zone (looking easterly) prior to sampling.



Bulago Project

The Funutu Prospect is 4km SE of Suguma and also has very high grade precious and base metal intrusive / breccia rock samples (collected from outcrop by previous explorers), which have never been mapped, soil sampled, trenched or drilled.

Results include to:

197 g/t gold + 363 g/t silver + 0.55% copper + 5.72% zinc + 5.5% lead, 108 g/t gold + 200 g/t silver + 0.38% copper + 4.8% zinc + 2.63% lead and 43 g/t gold + 120 g/t silver + 0.49% copper + 1.7 % zinc + 0.86% lead.

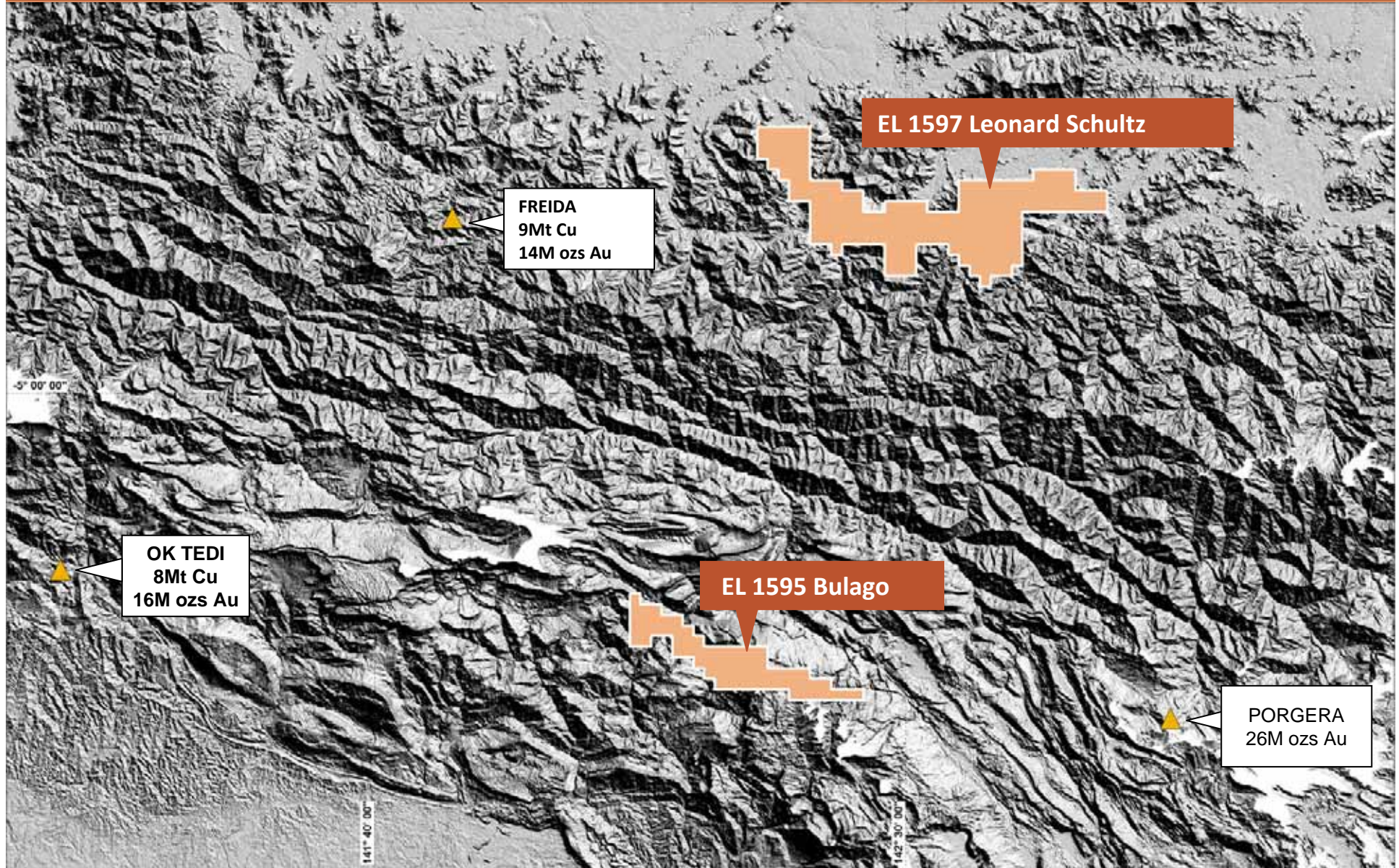
There are many other highly prospective for intrusive related and skarn precious and base-metal mineralisation.

The Fornusu Prospect has historic rock float samples to 1.17% copper + 12.6 % zinc + 0.412 g/t gold + 31 g/t silver and also 10.0 g/t gold only, suggesting the existence of 3 different styles of mineralisation.

The Orolupe Prospect has an outcrop grab sample of 0.75% copper + >1% zinc + 0.524 g/t gold + 51 g/t silver and rock assays such as 2m of 3.78 g/t gold + 6 g/t silver + 0.141% copper.



Highlands Area Tenement Location Plan



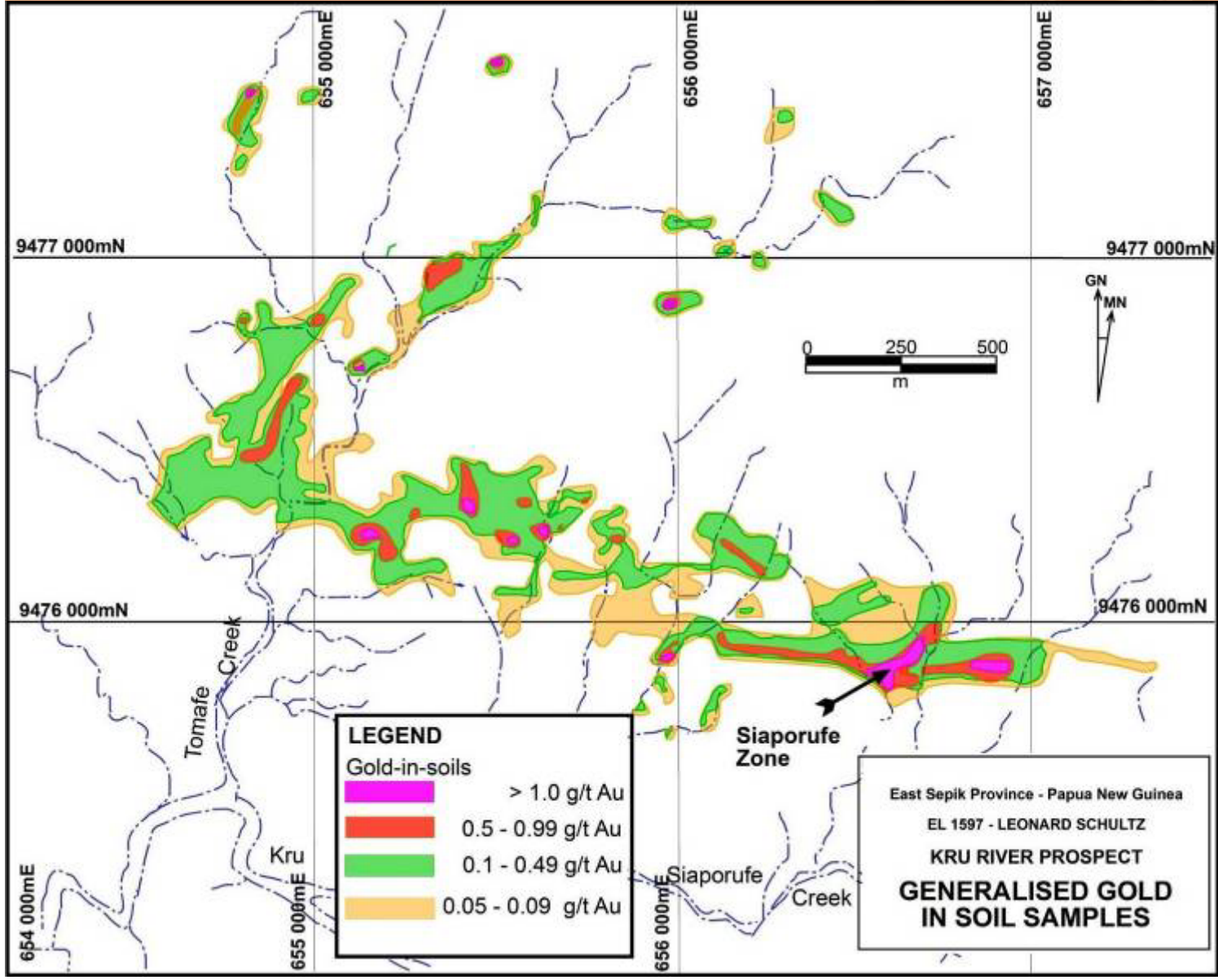
Leonard Schultz – Gold - Copper –Molybdenum Project

- The Kru Prospect consists of mesothermal base metal sulphide-gold veins and anomalous soils (to 51.1 g/t gold) over an area of approximately 2,500m x >100m, that is peripheral to the Wasi porphyry copper occurrence and has never been drilled.
- Extensive hand trenching was completed at Kru and soil sampling at Wasi earlier in 2010. Frontier re-located, joined, deepened, extended and channel chip sampled the historically excavated hand trenches in the Siaporufe Zone.
- The trenching wraps around a SE terminating ridgeline and gold assays demonstrate excellent continuity over >200m x >200m. Mineralisation is open in all directions and the noted vertical interval (RL) between gold mineralisation in creeks and trenches is about 80m, highlighting the high prospectivity of the system.
- Trench highlights include: 16m of 18.60 g/t gold and including 4m of 52 g/t gold, 22m of 2.71 g/t, 36m of 1.15 g/t and 10m of 1.33 g/t gold. The mineralised area in hand trenches is currently up to 200m long and 200m wide.
- The minimum vertical extent of gold mineralisation is known to be >80m, from different trench and creek exposures.
- EL 1597 is subject to the OTML JV, whereby OTML can earn a 58% direct equity by expending USD\$12 million in 6 years, with Frontier deferred carried to completion of Bankable Feasibility Study –repayable from 50% of future cash flow.



Leonard Schultz – Gold - Copper –Molybdenum Project

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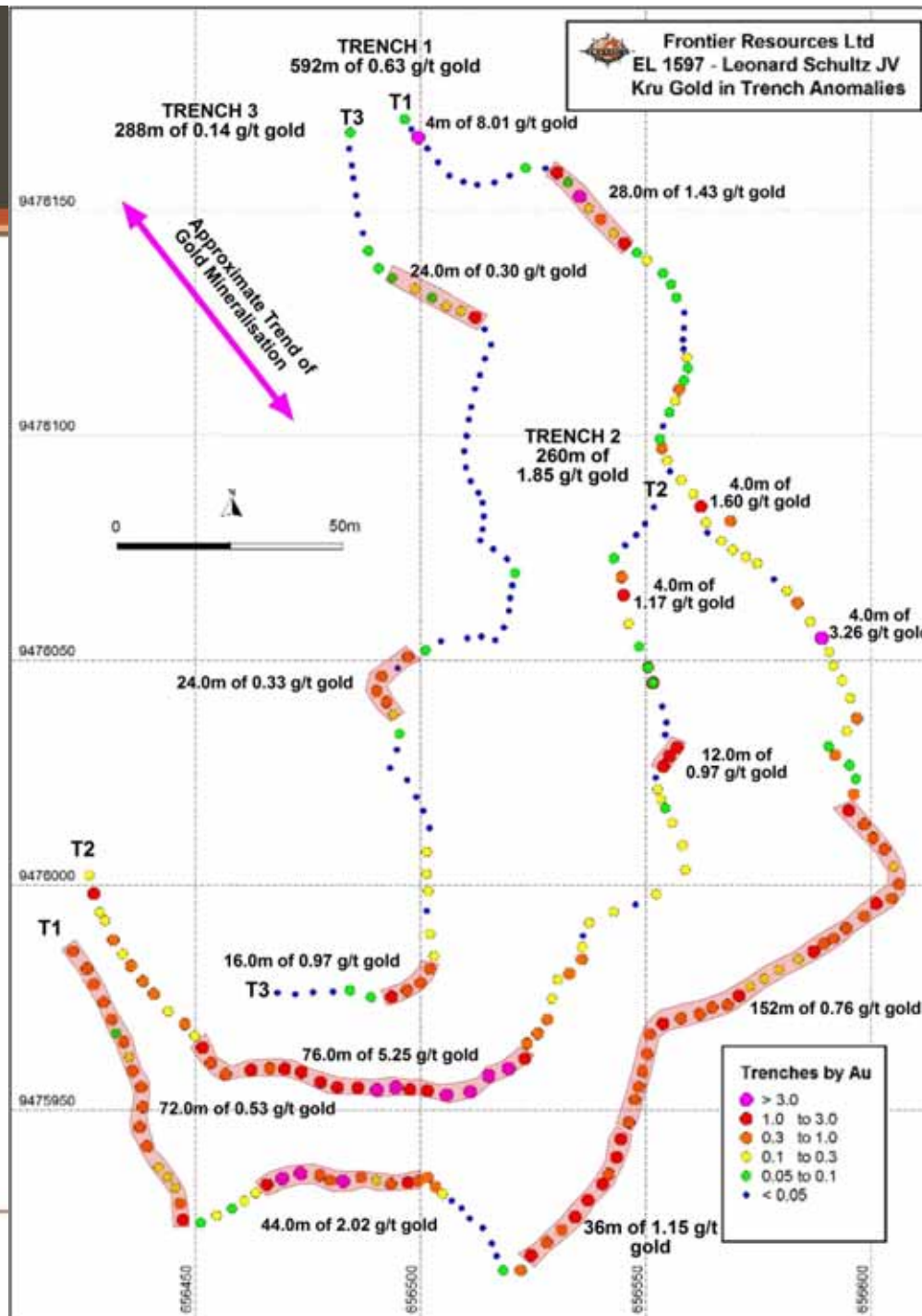
Leonard Schultz – Gold - Copper –Molybdenum Project

Kru Prospect – Siaporufe Zone looking northerly.

The arrow shows the trend of the mineralised zone, with the trenched ridgeline underneath it.

Note the small patch of brown dirt from a hand trench near the SE tip of the arrow.



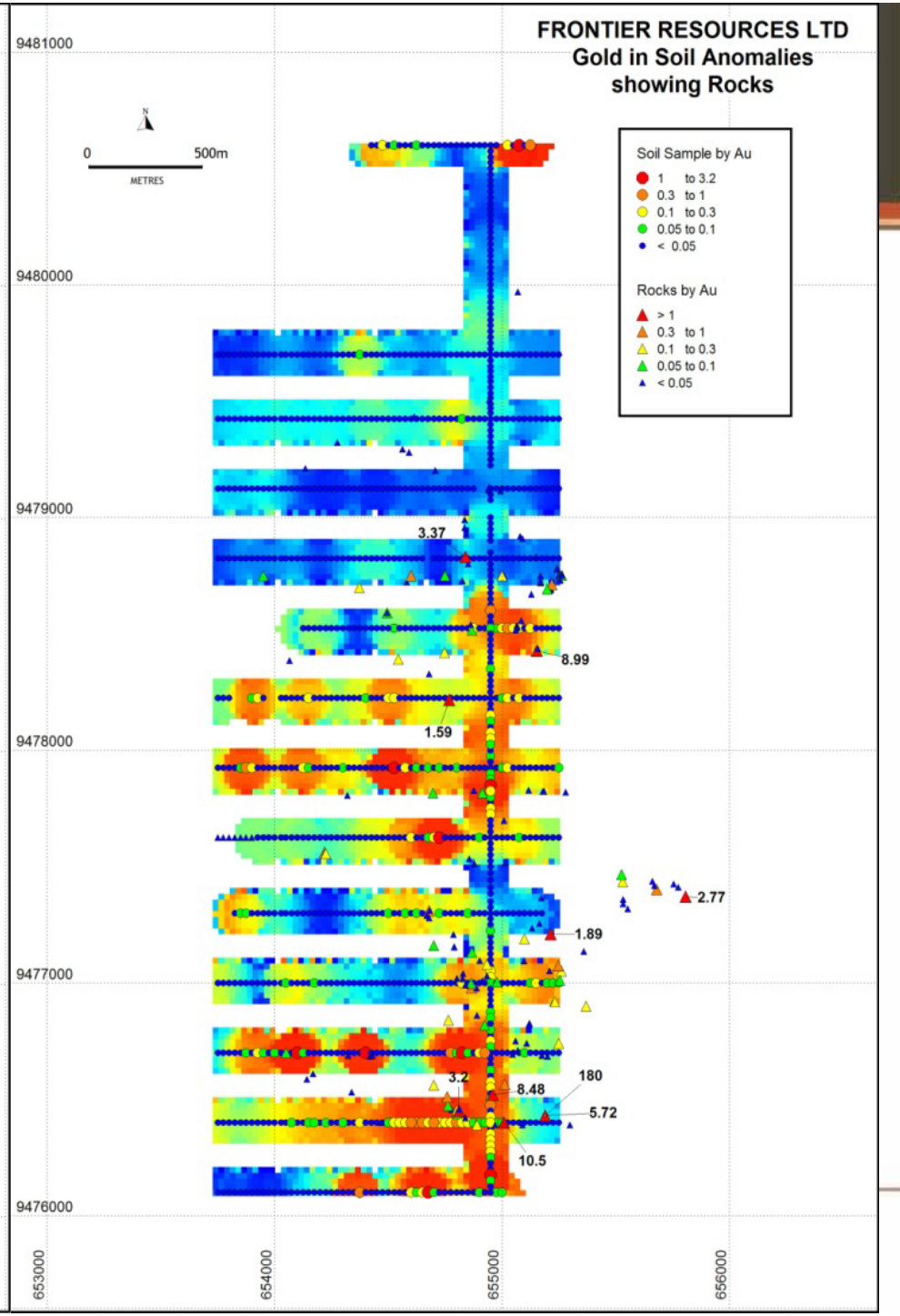
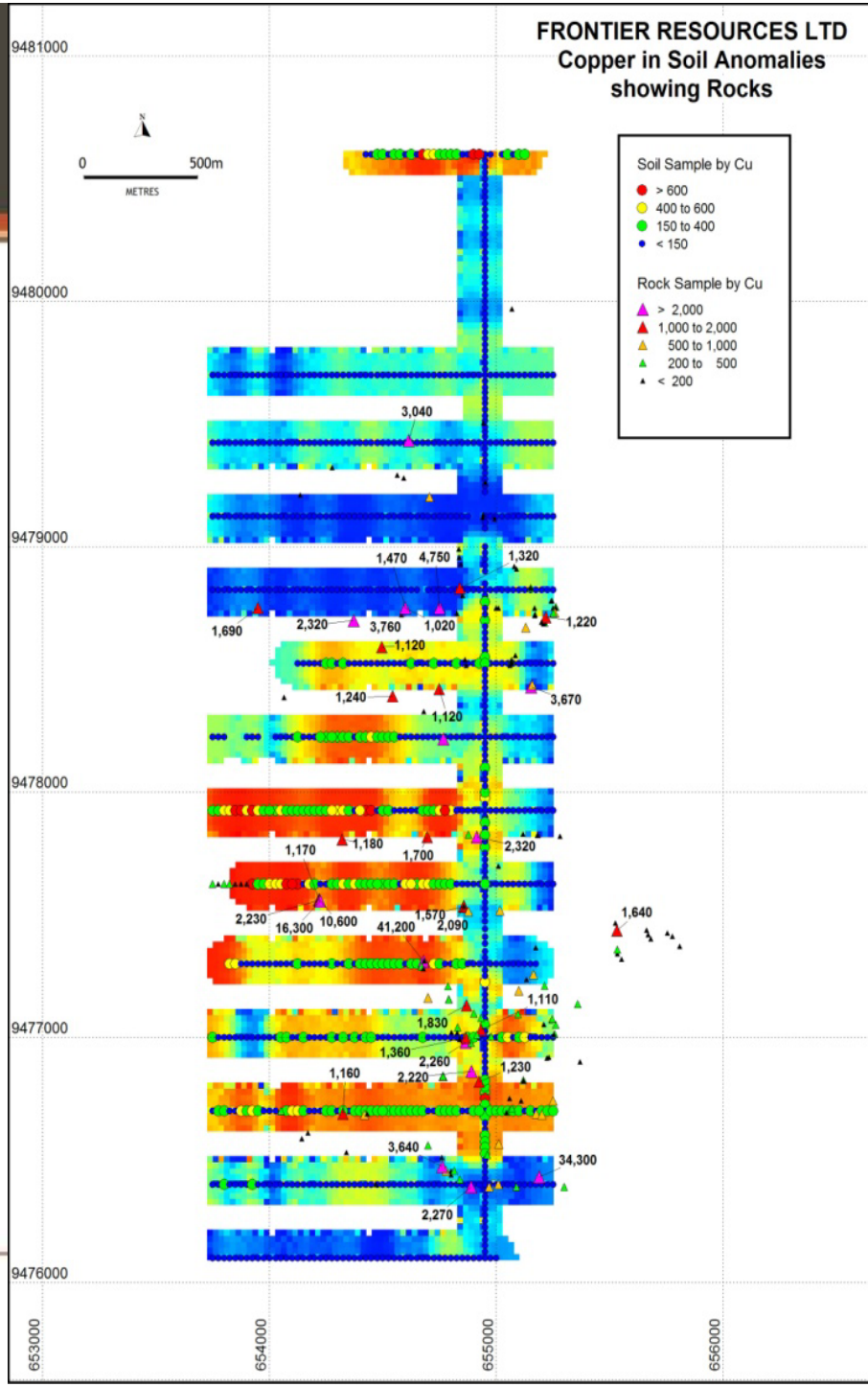


Leonard Schultz – Gold - Copper –Molybdenum Project



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Leonard Schultz – Gold - Copper –Molybdenum Project

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New Britain Tenement Locations



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Likuruanga – Porphyry Copper, Gold and Zinc Skarns

Bukuam Prospect

5.5 x 1km copper in stream anomaly

Target 1: Primary porphyry copper- gold- silver- molybdenum deposits, with 200 million to 1 billion tonnes grading 0.4% to 0.8% copper equivalent (from near surface)

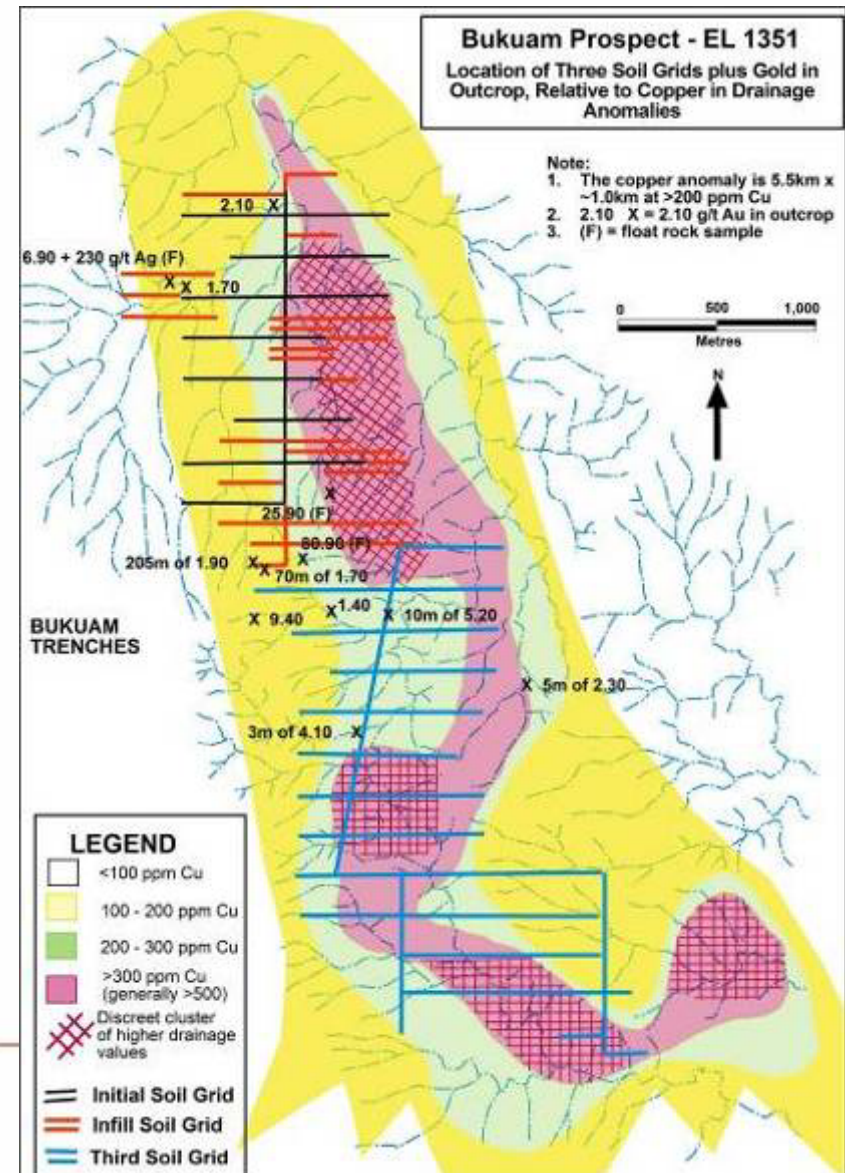
Target 2: Secondary (supergene) copper deposits, grading approx. 0.7% copper equivalent (from near surface)

Target 3: High grade zinc – silver - gold skarns

Target 4: Higher grade shear hosted gold

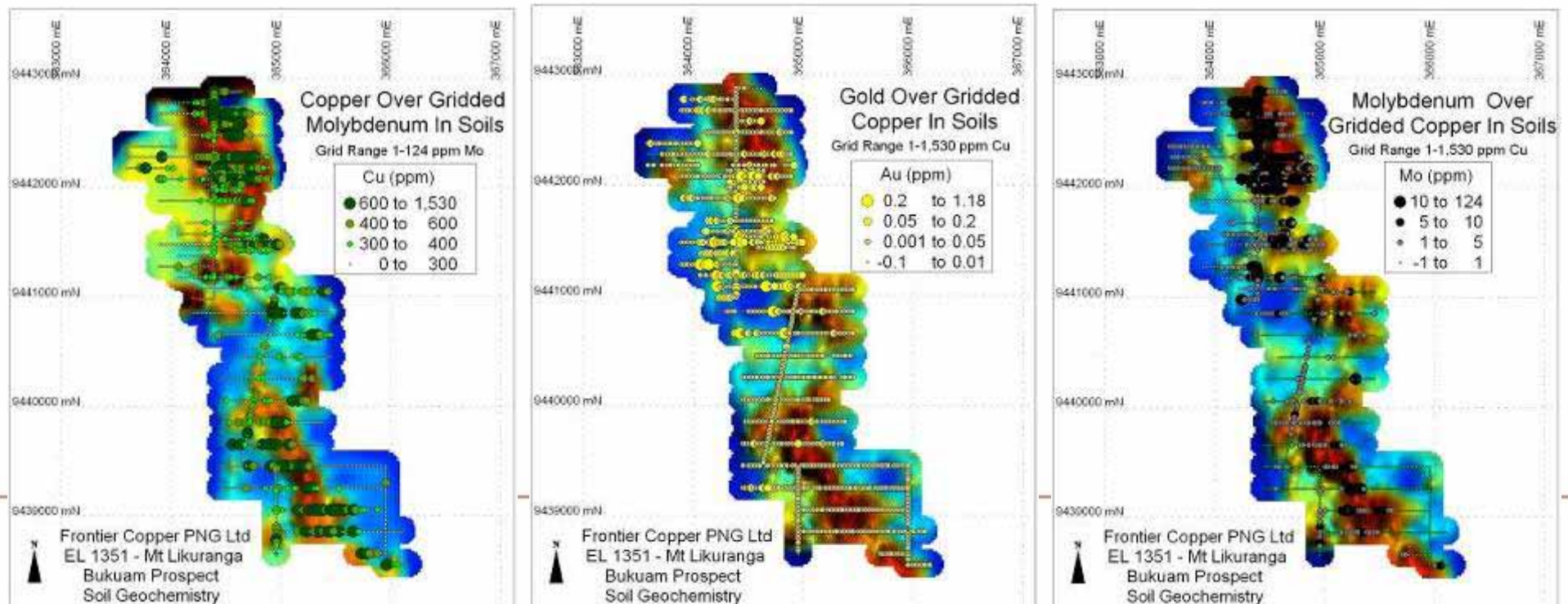
Note that the targets are speculative and may not be achieved.

EL 1351 is subject to the OTML JV, whereby OTML can earn a 58% direct equity by expending USD\$12 million in 6 years, with Frontier deferred carried to completion of Bankable Feasibility Study –repayable from 50% of future cash flow.



Bukuam Prospect

- The multi element soil anomaly shown below is >4,800m long, open to the N, S and/or E.
- A ground magnetic survey was completed on northern end, with magnetite skarns, breccias and disseminations noted for porphyry copper gold mineralisation.
- Trenching includes: 20m of 6.99 g/t Au, 30.5m of 2.99 g/t Au and 12.5m of 4.04g/t Au (all with significant silver and base metal credits).
- The plots below show the soil geochemistry for the entire grid.



Esis Porphyry Copper Prospect

Esis is a large primary & secondary mineralised porphyry copper system. The depth extent of the breccia hosted mineralisation has not been tested, but could be highly significant.

A copper mineralised zone grading ~ 0.4% was tracked in trenches and creeks for 1,400m (the mineralisation is 700m wide at >0.1% copper).

Historic drilling consists of 15 very shallow 'Winkie' and 4 deeper diamond holes

- DW7 - 21.6m grading 0.50% copper.
- DW15 - 30.3m grading 0.41% copper.

Holes DW7 & DW15 cover 1,000m of strike with the mineralized zone open to the N and S.

Six of the shallow Winkie holes had weighted copper averages for entire length greater than 0.2% and terminated in mineralisation.

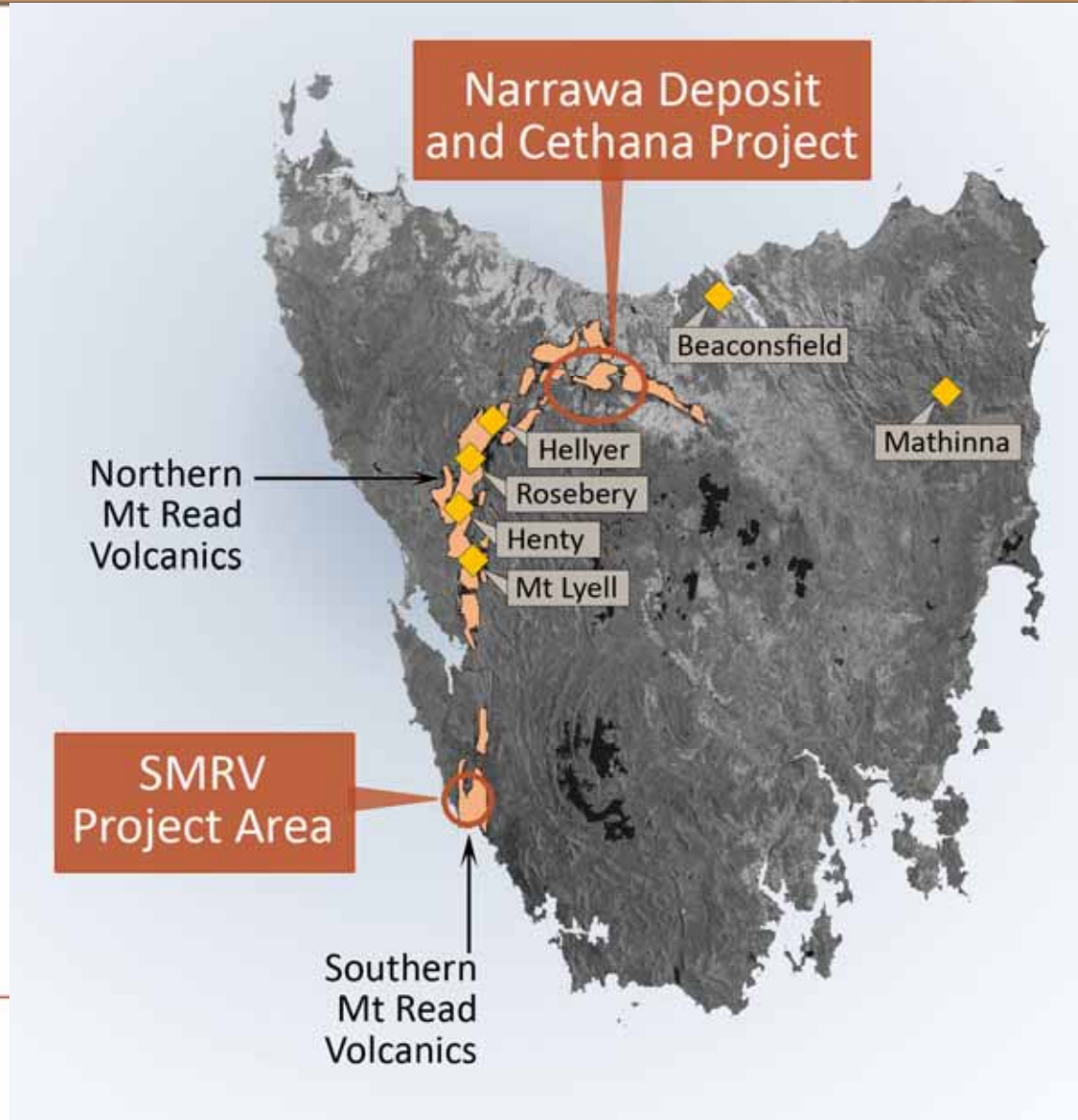
Four diamond holes were drilled for ~152.6m each. The best results were:

- 27m of supergene grading 0.71% copper (from 33m), plus
- 66m of primary mineralisation grading 0.42% copper (from 86.6m to end of hole), incl.
- 7.6m grading 0.49% copper at the end of the hole.



Retention and Exploration License Locations - Tasmania

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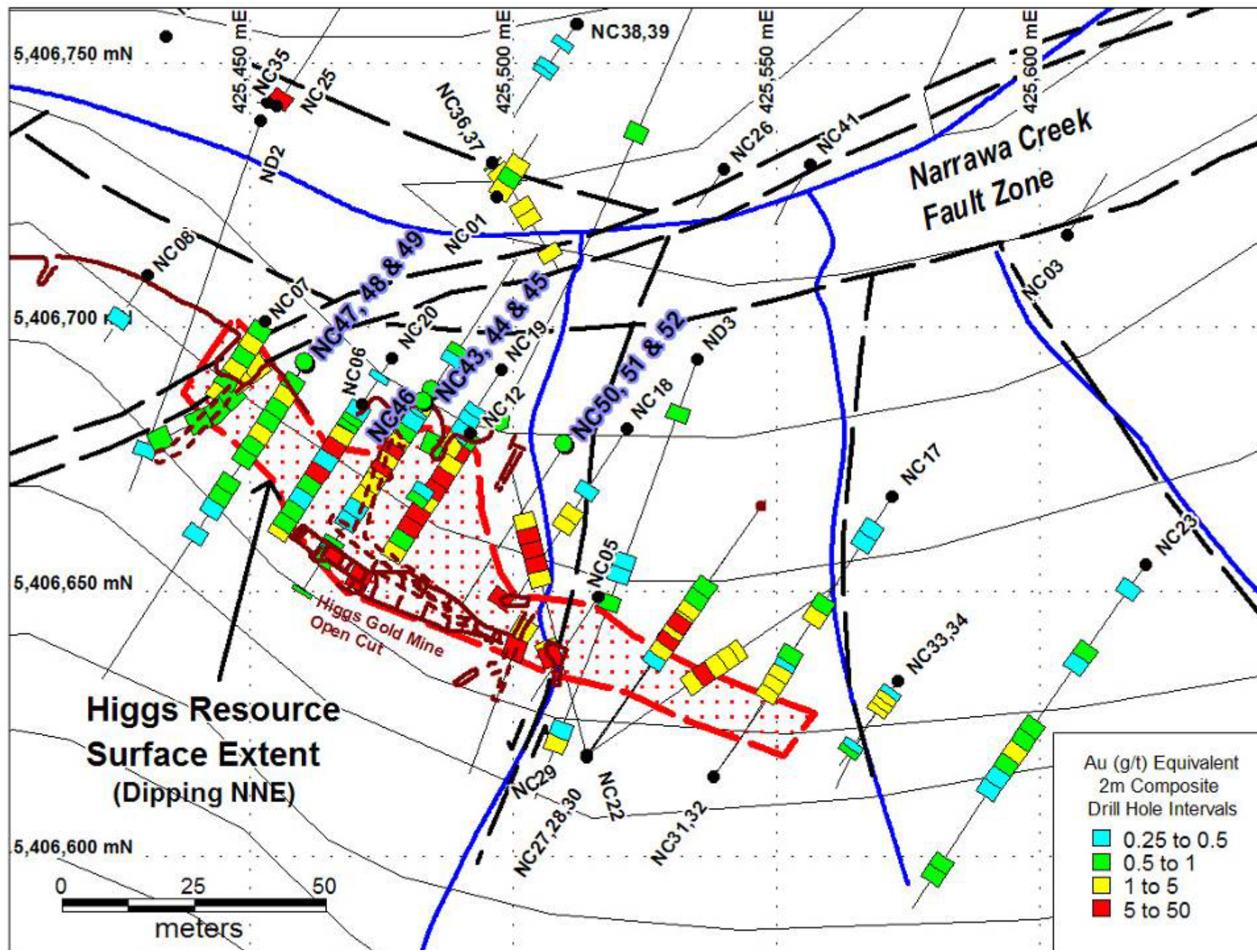


Narrawa Deposit

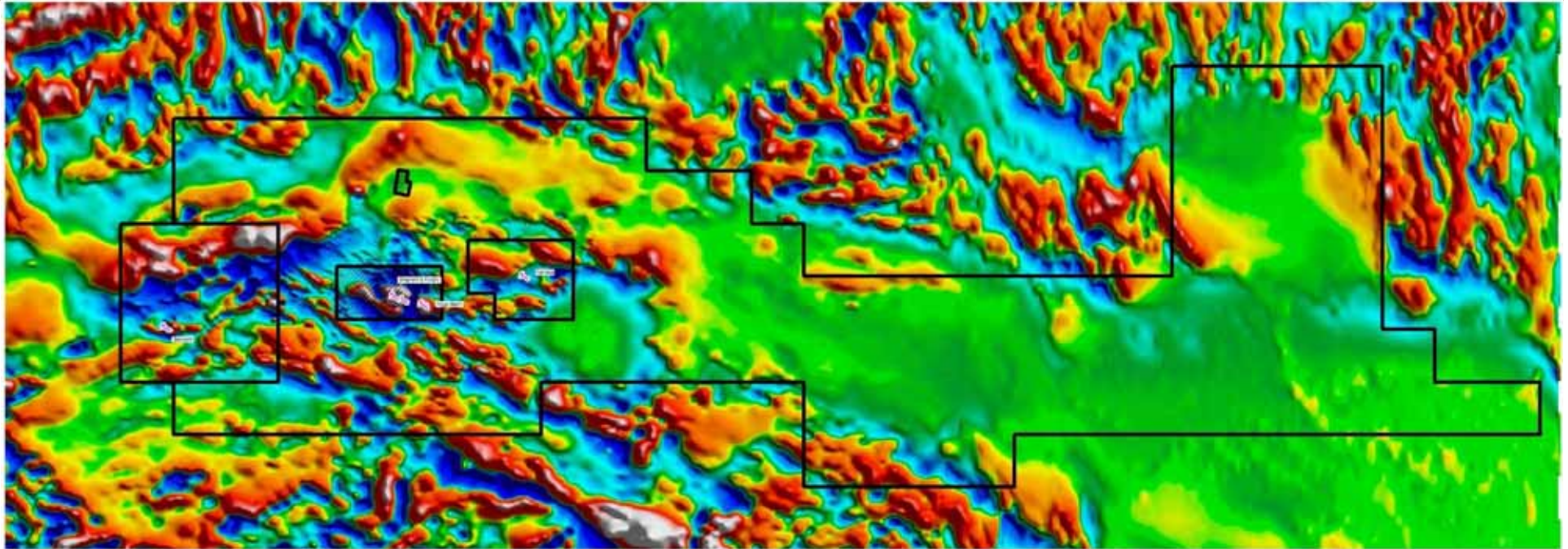
- Narrawa is a steeply dipping, stratabound/stratiform skarn deposit hosted within 4 on/near surface lodes which can be mined by open pit mining methods.
- The Indicated and Inferred resource is 220m long, 20m wide and 60m deep. It contains 23,550 ounces of gold equivalent grading 3.5 g/t gold equivalent (0.5g/t gold cut-off grade), consisting of 14,125 ounces of gold, plus 131,300 ounces of silver, 2,765 tonnes of lead and 2,335 tonnes of zinc, contained in 209,330 tonnes of rock grading 2.10 g/t gold, 19.5 g/t silver, 1.32% lead and 1.12% zinc.
- The Indicated Resource consists of 162,755 tonnes grading 3.61 g/t gold equiv. (2.11 g/t gold, 20.5 g/t silver, 1.42% lead and 1.2% zinc).
- Good scope exists to continue to increase the Narrawa Resource along strike in both directions, within the fault offset dip component and in other relatively untested sectors of the project area.
- Mineralisation potential along strike to the southeast is known through additional drillholes yielding 3.7m of 1.11 g/t gold (NC016) and 1.35m of 0.19g/t gold + 42 g/t silver+ 2.0% lead + 1.46% zinc + 0.25% copper (also NC016) and 2.2m of 0.12g/t gold + 15 g/t silver+ 0.79% lead + 3.26% zinc + 0.25% copper associated with a UTEM anomaly (NC017).
- Across strike is the 666 lode with mineralised holes returning 1.5m of 25.2 g/t gold (NC025), 2m of 14.98 g/t gold (NC035), 7m of 2.13 g/t gold and 4.5m of 3.26 g/t gold (NC036), that are not included in the resource estimation.



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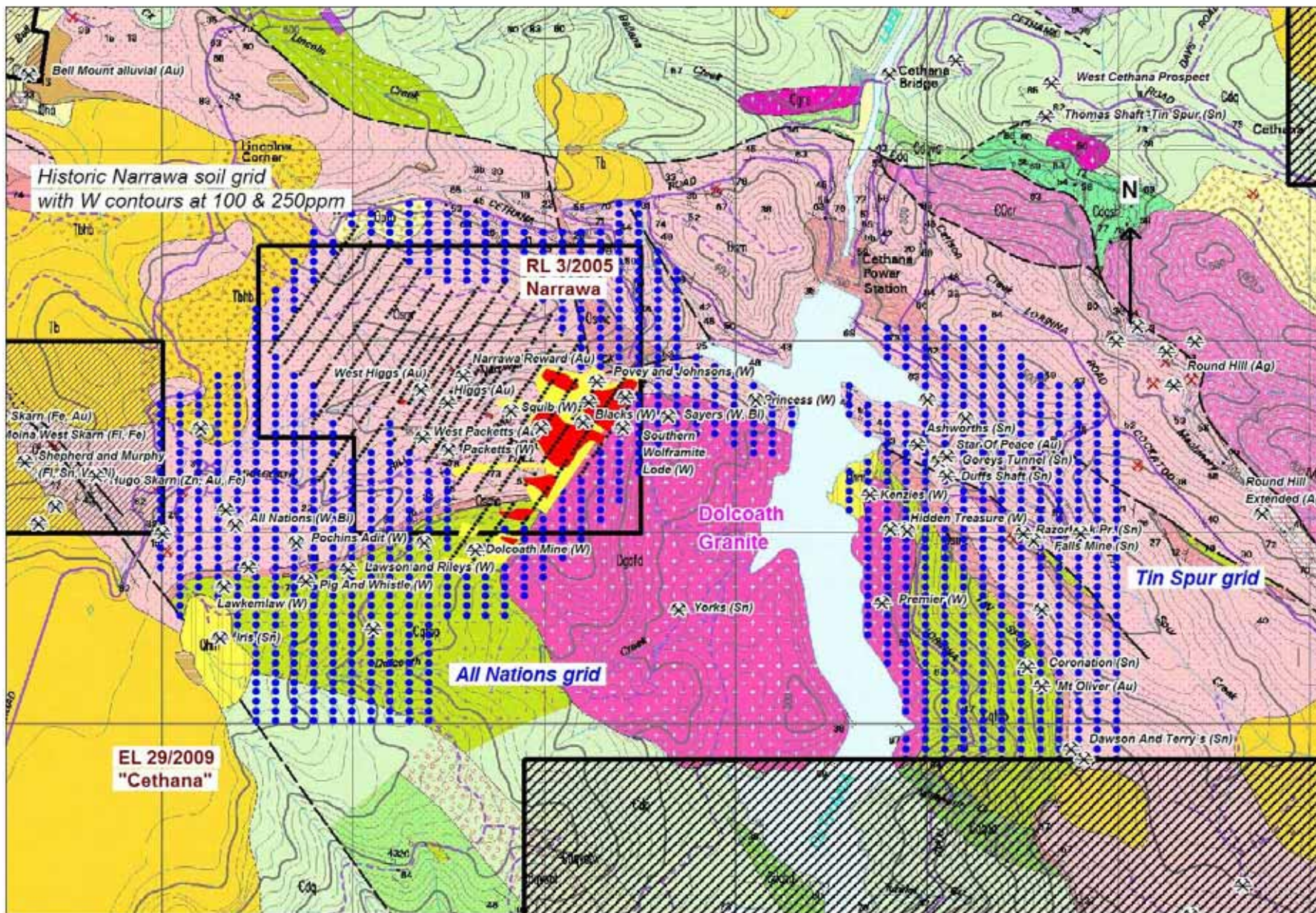
Cethana Exploration License



Merged historic aeromagnetic data (1VD image), showing tenements. Note the Narrawa RL is the rectangle with a SW block missing (located in the western third of the larger Cethana EL). North is up. The Dolcoath granite is the sub-equant green blob starting on the RL's SE margin and extending to the SE.

Cethana and Narrawa Proposed soil sampling Grids for Nov 2010

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Southern Mount Read Volcanics (SMRV) Project

45km total strike length of the highly prospective Mt Read Volcanics in SW Tasmania for Rosebery and Eskay Creek Deposit Styles, with existing high grade zinc – lead – silver- gold mineralisation.

Good regional potential to locate additional volcanic hosted massive sulphide and high grade gold mineralisation.

Trenches include :

3m of 51.9% Zn Equivalent (21.9% Zn + 13.9% Pb + 680g/t Ag + 0.84g/t Au)
and

4m of 33.0% Zn Equivalent (17.9% Zn + 10.2% Pb + 138g/t Ag + 0.60g/t Au)

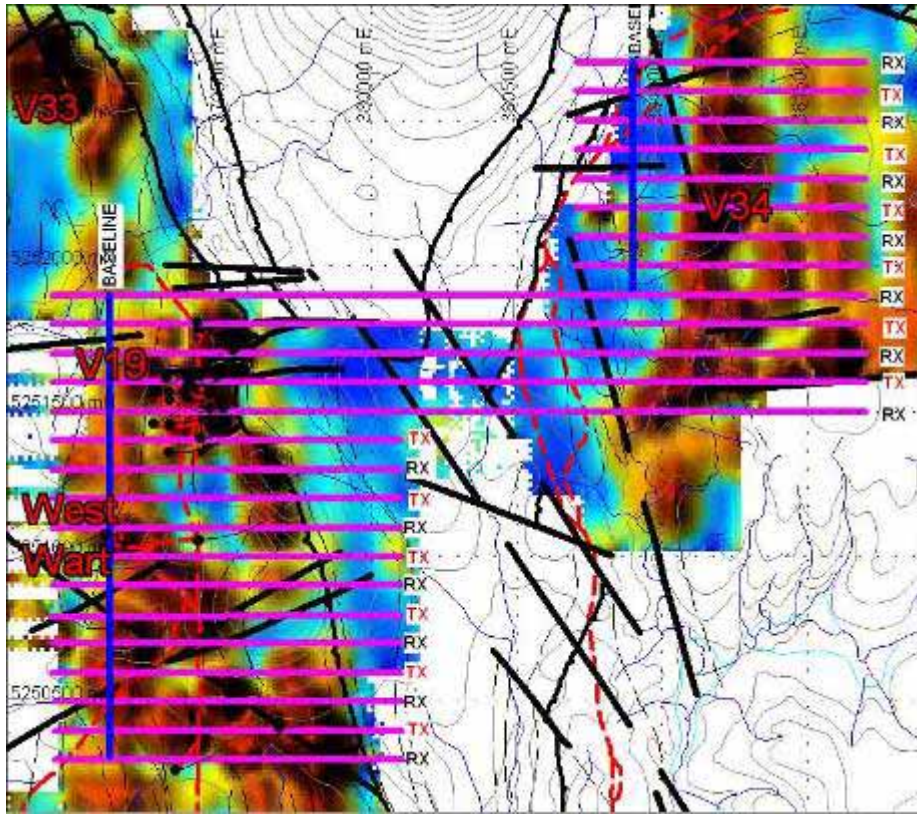
Drill results include:

3.9m of 23.6% Zn Equivalent (12.1% Zn + 7.3% Pb + 124 g/t Ag + 0.60 g/t Au)
and

5.7m of 14.0% Zn Equivalent (7.5 % Zn + 4.0 % Pb + 77 g/t Ag + 0.35 g/t Au)
and

1.1m of 38.7% Zn Equivalent (23.6% Zn + 10.4% Pb + 123 g/t Ag + 0.60 g/t Au)



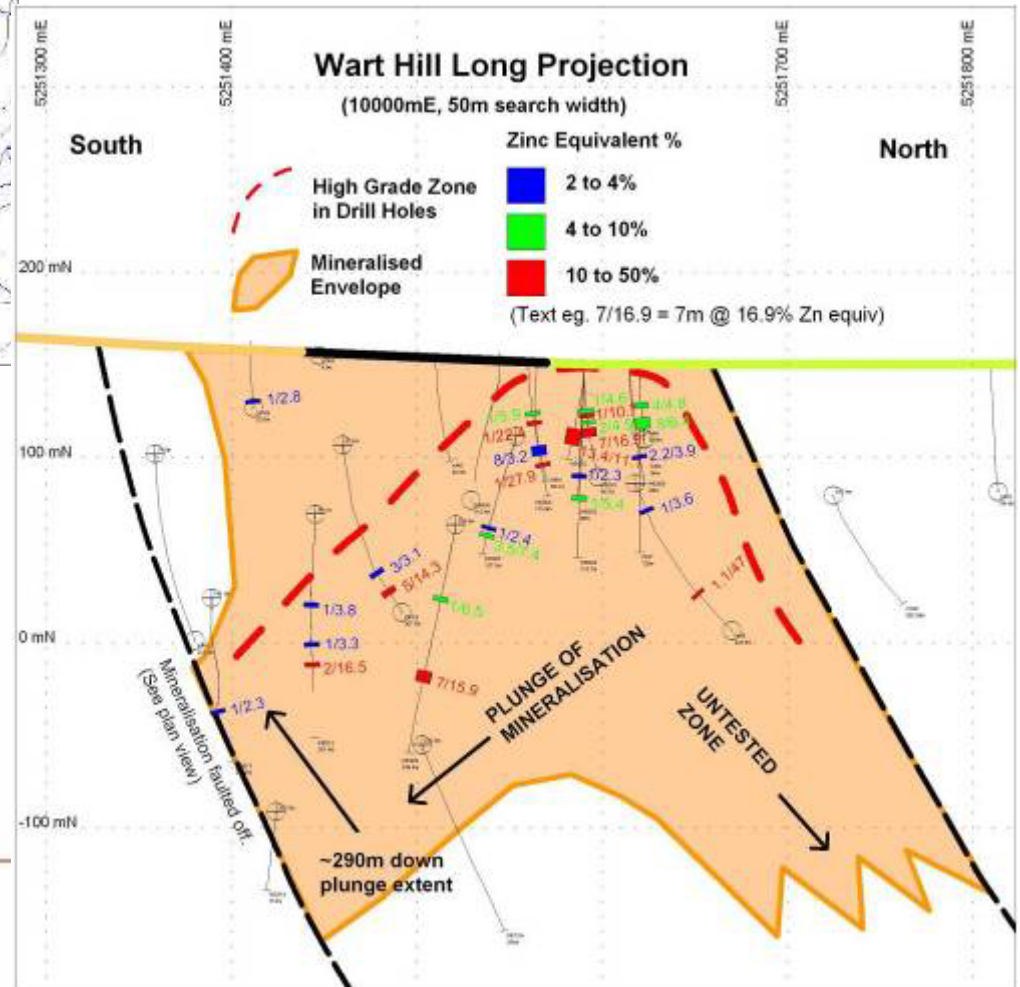


A high-grade 'Rosebery' style VHMS base metal (Zn, Pb, Ag, Au) horizon has been tracked for 290m down a fold keel by drilling.

The faulted off southern extension and the 'sides' are continuing exploration targets.



A 3D IP survey was completed and it has provided very useful targeting vectors.



Drilling at Wart Hill Prospect - SMRV, Tasmania



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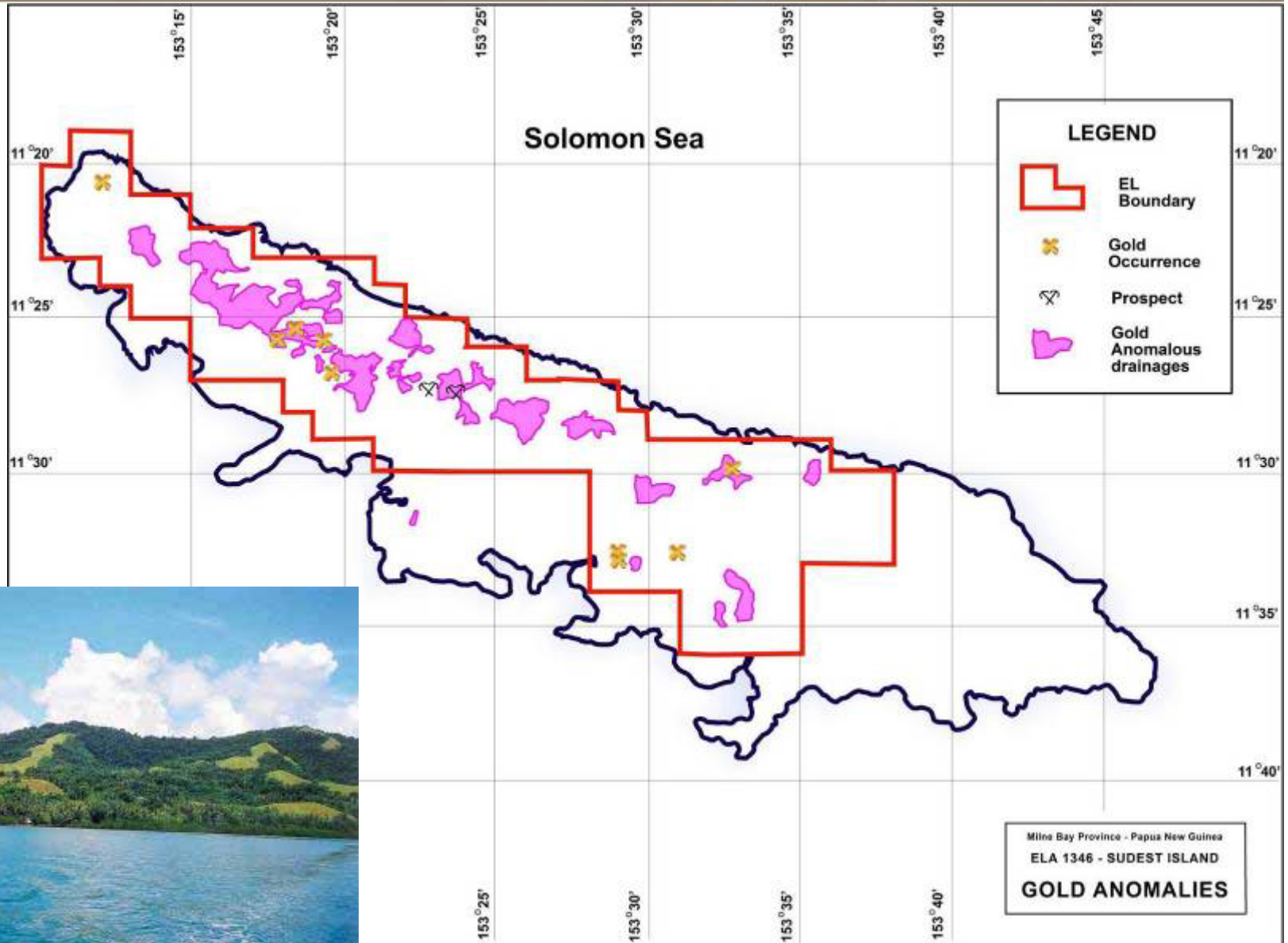
Sudest Island Application

- The 469 km² application is 100% owned by Frontier and not part of the OTML JV.
- The Sudest ELA has never been drilled and it contains the first known goldfield and mine in PNG (discovered in 1888).
- The application is located on the same trend as the now closed Misima +5M oz epithermal gold Mine.
- There is a 25km long zone of well defined, highly anomalous gold geochemistry in drainages that strongly warrants substantial exploration.
- There are high grade gold quartz veins in altered intrusives, with up to 2m of 104.5g/t Au in trench, 151.2g/t Au in outcrop and 260.0g/t Au in float rock.
- Less than 10% of the strike length of the mineralised zone in drainages has ever been cursorily evaluated by ridge and spur soil geochemistry or trenching.
- Good logistics and possible development potential, with a low population density primarily residing near the coast.



Sudest Island Application

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East New Britain Application

Doilene Prospect

- Undrilled coastal prospect with limited bulldozer trenching incl. 10.9m of 26.9 g/t Au (incl. 0.4m of 136.4 g/t Au + 1.0m of 147.8 g/t Au), 2.0m of 16.90g/t Au, 4.0m of 9.84g/t Au and 3.5m of 5.14 g/t Au & 3.0m of 4.65 g/t Au
- Visible gold + anomalous pan concentrate gold associated with an altered intrusive dyke
- Limited previous soil sampling.

Angbitki Creek Prospect

- Confirmed widespread platinoids (Pt, Pd) and gold in two adjacent tributaries, with no follow-up in the 3 km² target area.
- There is no obvious ultramafic source for the platinoids - unique to PNG and a relatively recent discovery.
- Panned concentrates include 29.44 g/t Au (385ug), 22.70 g/t Pt (282ug), 0.45 (5.5ug Pd), 1.49 g/t Au (23.5ug), 4.90 g/t Pt (78.8ug), 0.10 g/t Pd (1.5ug)

LK1 Breccia Prospect

- Outcrop to 2.5m of 9.6 g/t Au + 0.198 % Cu + 12 g/t Ag and grab samples to 17.8 g/t Au .



East New Britain Application

Mali Prospect

- Toxic element anomaly (80 km²) + a large area of argillic alteration in the Sikut caldera.
- Adjacent to the Sinivit Mine and prospective for repetitions of the Wild Dog veins.
- Two gold and toxic element anomalies at Akaket in a possible collapsed caldera.
- Active hot spring peripheral to the stream sediment anomaly and a fossil sinter.
- The Kairak area (Keravat Caldera) has epithermal quartz material in the main drainage.
- Gold is panned from creeks with strongly argillically altered diorite at Marambu.
- Maximum from pit sampling was 1.6 g/t Au.

Palang Hill Prospect

- 500m x 100m brecciated & veined zone. Trenches to 12m of 2.64 g/t Au in the central sector and 15m of 2.13 g/t Au in the northern sector.
- 2.5m rock chip channel sample returned 9.66 g/t Au + 0.198% Cu + 12g/t Ag.

Additional areas of strong alteration require bulldozer costeaning.

ELA 1592 -East New Britain - is subject to the OTML JV, whereby OTML can earn a 58% direct equity by expending USD\$12 million in 6 years, with Frontier deferred carried to completion of Bankable Feasibility Study that is repayable from 50% of future cash flow.



Central New Britain Application

Uasilau / Yau Yau Prospect

- Elongate 9,000 x 2,500m zone of anomalous copper and gold in region with variable ash cover and gold anomalism.
- Large associated area of advanced argillic alteration that could host high-sulphidation epithermal gold mineralisation.
- Gold analyses are relatively limited, but significant gold anomalous areas in soils and rock chips warrant follow up in addition to the porphyry copper potential.

Pelepuna Prospect

- Zinc +/-gold skarn located ~14km S of Uasilau.
- Gold analyses are limited, but where sampled, significant gold anomalous areas in soils and rock chips warrant follow up in addition to the zinc skarns and porphyry copper occurrence.

ELA 1598 – Central New Britain is subject to the OTML JV, whereby OTML can earn a 58% direct equity by expending USD\$12 million in 6 years, with Frontier deferred carried to completion of Bankable Feasibility Study that is repayable from 50% of future cash flow



Exploration Goals

PNG Exploration:

- A much larger gold and copper mineralised system than previously conceived has now been proven by the IP at the 100% owned and highly prospective Andewa gold and copper Project. Frontier will ramp-up exploration and delineate bulldozer trenching and drilling targets for 2nd quarter 2011 from the 3D-IP and gold and base metal in soil anomalies.
- Undertake grid based soil geochemistry and geological mapping on Sudest Island once the ELA is granted, to define likely very high-grade gold trenching and drilling targets.

Joint Ventures:

- Progress the Ok Tedi Mining Ltd JV/ Alliance and 5 associated projects as appropriate to maximise their value to Frontier's shareholders.

Tasmanian Exploration:

- Undertake 3 axis downhole electromagnetics and 1,200m of drilling at the SMRV project in SW Tasmania for base metals and gold, commencing early January 2011.
- Advance the Cethana EL and Narrawa RL with an extensive soil geochemistry program commencing late-November 2010. Gold, base metals and high-grade / bulk-mineable tungsten are target commodities on the highly mineralised margins of the Dolcoath granite.

The objective is to define drilling targets for Q3 2011.

- Continue pre-feasibility studies at Narrawa Deposit with expansion and infill drilling in Q2 2011 to upgrade the resources and ultimately estimate a reserve.



Why Frontier?

Frontier has the recipe for success:

- The Company's tenement portfolio consists of carefully selected areas that are highly prospective for large, potentially World Class precious and base metal mineralised systems.
- Management believe the Company has a very positive future with substantial 'unrecognised' value that we are proceeding to unlock for the benefit of shareholders.
- The earn-in Joint Venture with Ok Tedi Ming Ltd is truly excellent and they are perhaps the best partner possible in PNG at this time. OTML have flown or will fly detailed and extensive aeromagnetic and radiometric surveys on each tenement to generate targets for follow-up and drilling (as they consider appropriate).
- The Company is an active and innovative, socially responsible explorer, with a dedicated, highly experienced team of effective mineral explorers that undertake cost effective drilling on our high quality targets with Company designed and constructed rigs.
- If you would like more information on Frontier, please contact me directly or visit our website at www.frontierresources.com.au.

Thank You



Disclaimer

This document is not a disclosure document nor does it constitute the provision of financial product advice. No representation or warranty is made as to the accuracy, completeness or reliability of the information.

The information is provided expressly on the basis that recipients will carry out their own independent inquiries into the matters contained herein and make their own independent decisions about the affairs, financial position or prospects of the Company which reserves the right to update, amend or supplement any information at any time in its absolute discretion.

Competency Statement

The information in this presentation that relates to Exploration Results and Mineral Resources that are based on information compiled by Peter McNeil, who is a Member of the Australian Institute of Geoscientists.

Peter McNeil is the Chairman and Managing Director of Frontier Resources Ltd and consults to the Company. Peter McNeil has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Peter McNeil consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Please consult www.frontierresources.com.au for more detailed information.



Notes

- Metal Equivalents are used to allow interpretation of the possible theoretical 'value' of mineralised rock, without consideration of the ultimate extractability any of the metals. Gold Equivalent is the contained gold, zinc, lead, silver, bismuth 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). The Narrawa gold equivalent formula used to calculate the gold equivalent values is as follows: $\text{gold Equivalent (g/t)} = \text{gold g/t} + (\text{lead\%} \times 0.46269) + (\text{zinc\%} \times 0.4644) + (\text{silver g/t} \times 0.01386)$. This formula is based on metal prices obtained on 7th April 2009, these being US\$884/oz gold, US\$0.5965/lb lead, US\$0.5987/lb zinc and US\$12.26/oz silver. Skarn gold– silver -basemetal deposits such as the Narrawa Deposit typically recover contained gold, silver and basemetals if in sufficient quantities (subject to metallurgical characteristics and prevailing metal prices). The ASX requires metallurgical recovery be specified for each metal and they are: 96.7% for gold, 98.5% for zinc, 95.6% for lead and 92.4% for silver. It is the Company's opinion that each of the elements included in the Narrawa metal equivalent calculations have a reasonable potential to be recovered if the project proceeds to mining.
- Komsen Gold Equivalent is the contained gold, zinc, lead and silver that are converted to an equal amount of pure gold and summed (based on assays of mineralised rock and actual metal prices) and is based upon metal prices on 11/11/2008, being US\$732.8/oz Au, US\$0.4901/lb Zn, US\$0.5829/lb Pb, & US\$1.674/lb Cu, US\$9.805/oz Ag. The formula used to calculate Au Equivalent is $\text{Au(g/t) Equivalent} = \text{Au(g/t)} + 0.4586 \times \%Zn + 0.54544 \times \%Pb + 1.56641 \times \%Cu + 0.01338 \times \text{g/t Ag}$. In any particular interval, all silver was utilised in the estimation, however, zinc and lead were only utilised if $>0.5\%$ and $Cu >0.2\%$. Epithermal gold– silver -basemetal deposits such as Komsen typically recover contained gold, silver and basemetals if 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 Komsen and recoveries can only be assumed to be typical for these gold– silver –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.
- Wart Hill Zinc Equivalent is the contained zinc, lead, copper, gold and silver that are converted to an equal amount of pure zinc and summed (based on assays of mineralised rock and actual metal prices). Zinc% Equivalent herein is based upon metal prices of US\$0.8818/lb zinc, US\$0.921/lb lead, US\$3.656/lb copper, US\$16.835/oz silver & US\$881.6/oz gold (5/6/2008); The formula used is $\text{zinc\% Equivalent} = \%zinc + 1.04445 \times \%lead + 4.14606 \times \%copper + 0.02784 \times \text{g/t silver} + 1.45803 \times \text{g/t gold}$. Volcanic Hosted Massive Sulphide Deposits (VHMS) such as Wart Hill, typically recover contained zinc, lead, silver and gold (subject to metallurgical characteristics and prevailing metal prices). The ASX requires a metallurgical recovery be specified for each metal, however, no testwork has ever been undertaken at Wart Hill and recoveries can only be assumed to be typical for VHMS deposits. It is the Company's opinion that each of the elements included in the zinc metal equivalents calculation has good potential to be recovered if the project proceeds to mining.

