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ASX Limited
Market Announcements Platform

21 April 2020

Rock Samples up to 14.5 g/t Gold Confirm High Tenor of Saki Mineralisation

- Frontier rock sample results of **14.5 g/t, 9.37 g/t, 7.59 g/t, 6.57 g/t and 5.96 g/t gold** confirm the high tenor of gold mineralisation of the partly drilled Saki veins I to VI.
 - Frontier's rock outcrop sample of **3.32 g/t gold** occurs 500m further west of the Saki camp and confirms a new gold discovery site requiring additional follow-up sampling to define its extents.
 - **Significant encouragement for expanding the Saki gold system** to the northwest from anomalous trace pathfinder elements in Frontier's rock sampling results.
 - **Historical** rock chip samples including **44.5 g/t and 22.99 g/t gold** demonstrate the continuation of high grades along the Saki veins I to VI a further 900m to the north requiring drill testing (refer to ASX Announcement dated 5 August 2019).
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Frontier Resources Limited (**Frontier** or the **Company**) is pleased to announce it has received and reviewed final rock chip geochemical results from its first phase of field sampling and mapping at the Saki project, a program that was designed to confirm and expand known gold veins. A total of 103 rock chip and float samples were collected (Appendix A).

Rock sampling results within the partly drill tested main group of Saki veins I to VI (Figure 1) confirm the highly mineralised nature of the gold system where additional drilling is planned to determine a JORC Resource. Results include (Table 1):

1. **14.5 g/t Au + 21.3 g/t Ag** from the Saki I vein near the camp (Sample 98805)
2. **9.37 g/t Au + 11.5 g/t Ag** taken at lower Geseva Creek (Sample 98153)
3. **7.59 g/t Au + 13.2 g/t Ag** from the Saki II vein in Mandi Creek (Sample 98807)
4. **6.57 g/t Au + 29.8 g/t Ag** taken a further 360m north along the Saki II vein (Sample 98803)
5. **5.97 g/t Au + 15.6 g/t Ag** from the Saki IV vein in Lower Mandi Creek (Sample 98894)
6. **4.97 g/t Au + 20.6 g/t Ag** from the Saki II vein in Lower Geseva Creek (Sample 98153)
7. **2.33 g/t Au + 33.4 g/t Ag** from the Saki IV vein next to artisanal mining activities (Sample 98897)
8. **1.26 g/t Au + 11.9 g/t Ag** from the Saki III vein in Degom Creek (Sample 98801)

Rock outcrop sample (98832) of **3.32 g/t Au** was taken 500 metres further west of the camp and indicates a site of gold mineralisation in argillic altered outcrop, just 1500 metres from the mining lease (Figure 1). This site has an anomalous trace pathfinder element of 228 ppm Barium (Table 1), similar to samples taken from the Saki I vein (616 ppm Ba) and the Saki IV vein (410 ppm Ba) (Figure 2). This and other Barium anomalous sites will require follow-up sampling and mapping to track any additional gold occurrences in the immediate vicinity.

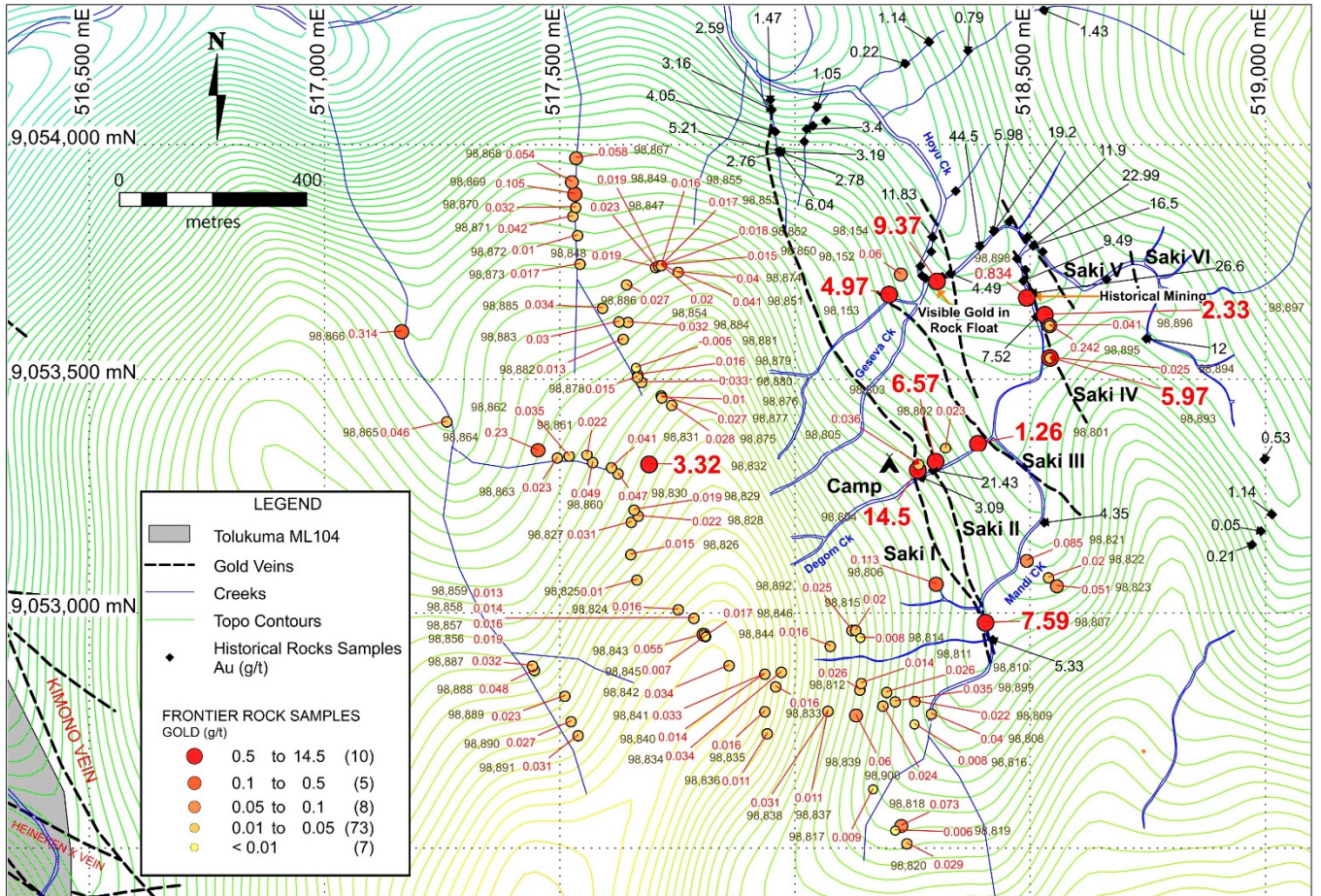


Figure 1: Saki Rock Sampling Results and Gold Mineralised Veins I to VI

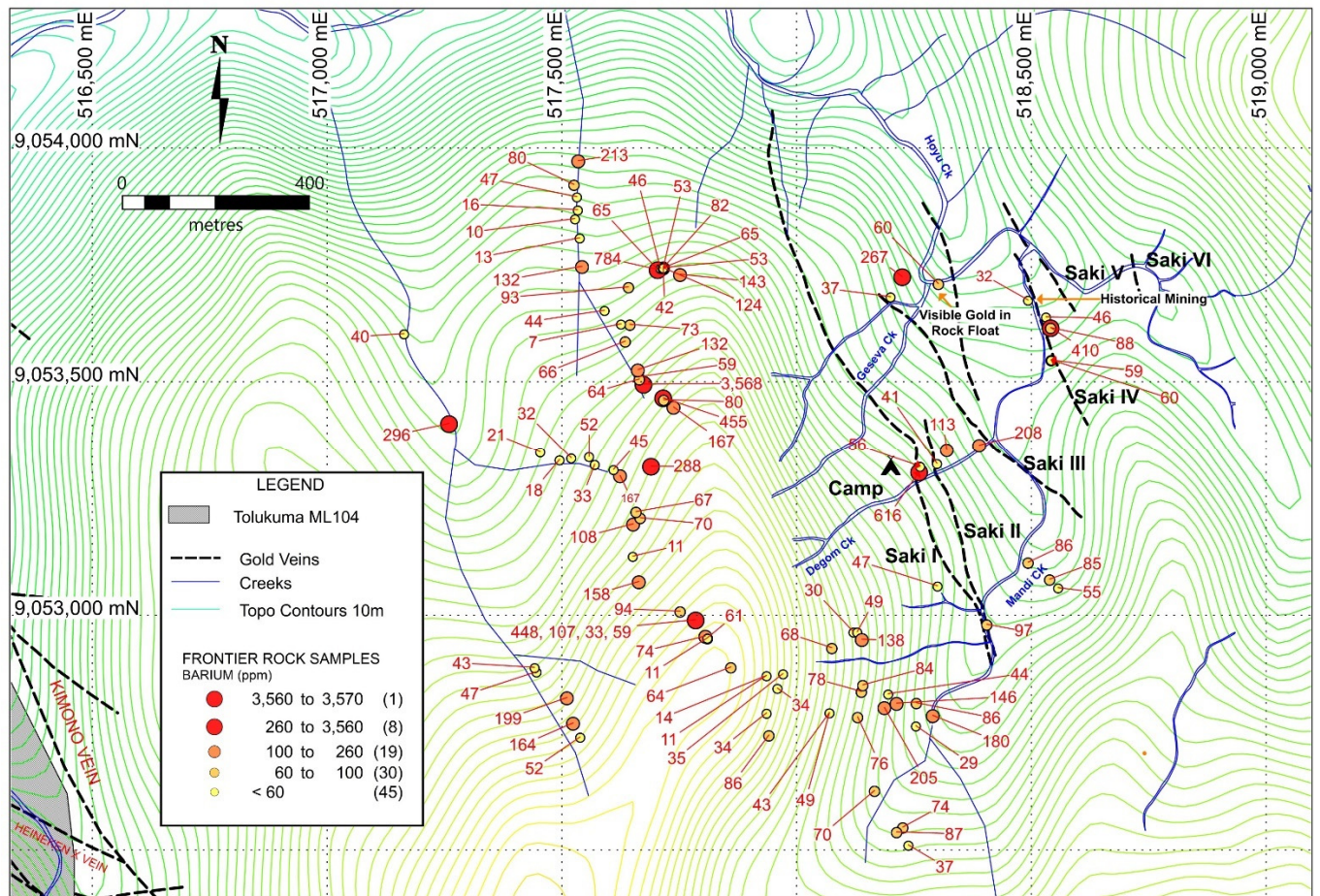


Figure 2: Frontier Rock Sampling Results of Trace Pathfinder Element Barium

Table 1: Summary of Anomalous Gold Rock Chip Samples (cut-off >1.0g/t Au)

Sample No	Type	Location*	Description	Au (g/t)	Ag (g/t)	As (ppm)	Sb (ppm)	Ba (ppm)
98801	Float	Degom Ck	Strong pervasive silica altered with minor clay and chlorite alteration. Next to Saki III vein.	1.26	11.9	>5000	970	208
98803	Outcrop	Saki II Vein Degom Ck	Strongly siliceous with minor clay and chlorite overprinting. Disseminated pyrite to 1% with disseminated antimony to 0.8%.	6.57	29.8	>5000	3778	41
98805	Outcrop	Saki I Vein Degom Ck	Major quartz veining 3mm to 50cm wide. Strong pervasive alteration of silica-quartz-limonite-manganese. Blebs of 0.2% pyrite in places.	14.5	21.3	2668	58	66
98807	Outcrop	Saki II Vein Mandi Ck	Rock chip along ridge side. Minor dark grey patches where unoxidized with clay alteration. Minor breccia zone with clasts 2 to 5mm within clay matrix.	7.59	13.2	1724	66	97
98832	Outcrop	500m West of Saki Camp	Totally oxidised argillic altered volcanic.	3.32	<0.5	<5	<2	288
98894	Outcrop	Saki IV Vein Lower Mandi Ck	Silica-clay altered volcanic, 2 to 4mm quartz-limonite veinlets.	5.97	15.6	396	20	60
98897	Outcrop	Saki IV Vein Lower Mandi Ck	Silica-pyrite altered volcanic, arsenopyrite & marcasite, 3 to 5% disseminated/veinlet sulphides.	2.33	33.4	4013	64	46
98153	Outcrop	Saki III Vein Lower Geseva Ck. North of Saki Camp	Oxidised silica-pyrite-clay altered pyroclastic, 2 to 18mm quartz vein-breccias, 1 to 1.5% sulphide.	4.97	20.6	3130	482	37
98154	Outcrop	Lower Geseva Creek, N of Saki Camp	Oxidised silica-pyrite-clay altered pyroclastic, 1 to 16mm quartz-pyrite-arsenopyrite-stibnite veins, 1 to 2% sulphide	9.37	11.5	5473	39	60

* Refer to Appendix A at the end of this announcement for a complete table of results

As indicated in Frontier's rock sampling results, the trace element arsenic also acts as a pathfinder associated with gold mineralisation within the Saki veins I to IV. A group of trace anomalous samples taken by Frontier (> 3720 ppm As) 700 metres west and northwest of the camp may indicate leaching of gold in an oxide zone. This provides significant encouragement for expanding the overall Saki gold system and the "Saki As anomaly" (Figure 3) will require follow-up mapping and sampling to explore for additional gold mineralisation.

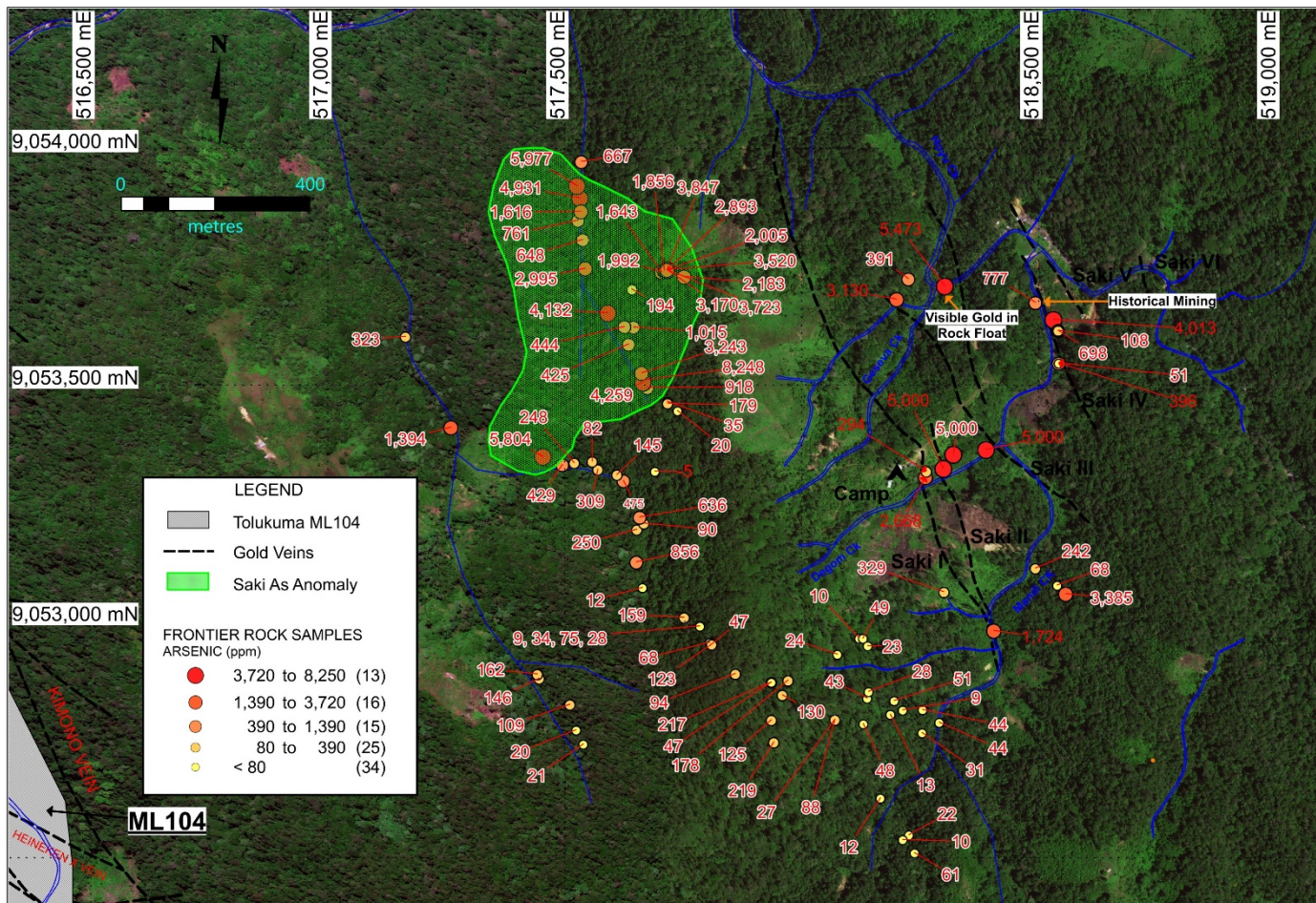


Figure 3: Trace Pathfinder Arsenic Sampling Results on GeoEye (0.5m pixel) Satellite Image

Frontier recently acquired the historical rock chip sample database which confirms the continuation of high gold grades including **44.5 g/t** and **22.99 g/t Au** (Table 2) along the Saki veins I to V, up to 900 metres further northwest from historical drill holes (refer to ASX Announcement dated 5 August 2019). These historical results significantly expand the area of underexplored gold mineralisation in the area that will require follow-up drilling.

During the rock sampling program, Frontier also collected a total of 142 soil samples and 117 trench samples. These results will be released once interpretation has been completed. Frontier will then fast track potential drill sites to expand on its inventory of gold vein systems near the mine site at ML104 (Figure 3). These gold projects will become increasingly valuable as the PNG Government pushes ahead with its plans to re-open the mine through its current tendering process to attract suitable investment into the mine.

Landowners have been supportive during the fieldwork program and are keen for exploration to recommence however additional landowner meetings will be required on gold prospects closer to the boundary of ML104.

Table 2: Summary of Historical Rock Chip Samples (cut-off >1.0g/t Au)

Sample No.	Easting AGD66	Northing AGD66	Au (g/t)	Ag (g/t)
314573	518393.2	9053783	44.5	31.3
314523	518505	9053684	26.6	25.3
314502	518506.2	9053784	22.99	18
314552	518293	9053304	21.43	18.8
314563	518422.2	9053815	19.2	14.8
314501	518506.2	9053784	16.5	16.2

Sample No.	Easting AGD66	Northing AGD66	Au (g/t)	Ag (g/t)
314538	518746.4	9053586	12	11.6
314543	518493.1	9053802	11.9	88.4
314581	518293.2	9053802	11.83	15.8
314513	518485.1	9053710	11.58	14.8
314519	518485.1	9053710	9.49	6.7
314547	518526.7	9053772	9.18	13.7
314554	518293	9053304	9.13	13.3
314544	518493.1	9053802	8.63	81.2
314524	518514.1	9053634	7.52	26.8
314579	518289.7	9053772	7.21	12.14
314514	518485.1	9053710	6.22	9.9
314597	517968.3	9053986	6.04	7
314553	518293	9053304	6.01	5.7
314561	518422.2	9053815	5.98	31.8
314571	518422.2	9053815	5.35	8.8
314529	518420.4	9052943	5.33	54.6
314596	517968.3	9053986	5.21	7
314548	518526.7	9053772	4.92	13.1
314555	518293	9053304	4.77	3.4
314569	518422.2	9053815	4.76	14.3
314580	518289.7	9053772	4.66	11.1
314532	518420.4	9052943	4.62	9.5
314576	518329.9	9053726	4.49	6.66
314533	518420.4	9052943	4.45	8.4
314525	518529.8	9053193	4.35	1.1
314562	518422.2	9053815	4.22	31.1
314592	517958.5	9054028	4.05	2.2
314118	518313.4	9053718	3.94	1.8
314521	518485.1	9053710	3.89	10.7
314530	518420.4	9052943	3.84	43.4
314575	518329.9	9053726	3.7	2.1
314522	518505	9053684	3.55	8.2
314577	518277.6	9053715	3.55	7.76
314604	518024.6	9054033	3.4	8
314598	517968.3	9053986	3.29	9.1
314599	517968.3	9053986	3.19	6.7
314531	518420.4	9052943	3.18	84.3
314590	517950.8	9054074	3.16	3.86
314558	518268.4	9053289	3.09	11.8
314565	518455.1	9053836	2.94	1.8
314594	517968.3	9053986	2.78	1.6
314595	517968.3	9053986	2.76	2
314537	518746.4	9053586	2.68	4.9
314122	518313.4	9053718	2.65	0.9
314591	517950.8	9054074	2.59	4.5
314518	518485.1	9053710	2.52	3.9
314123	518313.4	9053718	2.13	0.5
314124	518270.2	9053721	2.13	8.3
314527	518420.4	9052943	2.03	6.4

Sample No.	Easting AGD66	Northing AGD66	Au (g/t)	Ag (g/t)
314606	518019.6	9054007	1.95	1.75
314125	518270.2	9053721	1.84	3
314557	518268.4	9053289	1.62	12.9
314564	518422.2	9053815	1.59	11.7
314600	517968.3	9053986	1.54	1.6
314526	518420.4	9052943	1.52	15.3
314583	517947.7	9054096	1.47	4.1
314586	518528.2	9054287	1.43	8.76
314120	518313.4	9053718	1.35	2.3
314566	518455.1	9053836	1.17	0.65
314534	519014.3	9053210	1.14	2.4
314584	518285.7	9054219	1.14	5.8
314593	517958.5	9054028	1.12	0.8
314126	518266.5	9053741	1.1	5.1
314582	518046.3	9054080	1.05	3.3
314121	518313.4	9053718	1.05	0.7
314119	518313.4	9053718	1.03	0.9
314545	518493.1	9053802	1.02	16.9

This update has been authorised on behalf of Frontier Resources by:

Peter Swiridiuk
Non-Executive Director
FRONTIER RESOURCES LTD
www.frontierresources.com.au

Competent Person Statement:

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 Swiridiuk - Member of the Aust. Inst. of Geoscientists. Peter Swiridiuk is a Technical Consultant and Non-Executive Director for Frontier Resources. Peter Swiridiuk 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 2012 Edition of the Australasian Code of Reporting Exploration Results, Mineral Resources and Ore Resources. Peter Swiridiuk consents to the inclusion in the report of the matters based on the information in the form and context in which it appears. Additionally, Mr Swiridiuk confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this report.

Frontier Resources Ltd Exploration Licence Information

Exploration Licence Number and Name	Ownership	sub- blocks	AREA (sq.km)*	Grant Date	Expiry Date
EL 1595 - Bulago	100% Frontier Gold PNG Ltd	22	74.87	07-Jul-08	06-Jul-20
EL2351 - Tolukuma	100% Frontier Copper PNG Ltd	130	441.72	25-Feb-19	24-Feb-21
ELA2529 - Gazelle	100% Frontier Copper PNG Ltd	211	719.51	N/A	N/A
Total of Granted EL's		152	516.59		

*1 sub-block approx. 3.41 sq.km

NB: The PNG Mining Act-1992 stipulates that EL's are granted for a renewable 2 year term (subject to satisfying work and expenditure commitments) and the PNG Government maintains the right to purchase up to 30% project equity at "Sunk Cost" if/when a Mining Lease is granted.

JORC Code, 2012 Edition – Table 1 Report of Exploration Results

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> Sampling was supervised and reported by on-site geologists to ensure sample representivity. All rock samples were logged in a rock-chip sample ledger and sent to Intertek laboratories for assaying using standard laboratory techniques. Material aspects of the mineralisation are noted in the text of the document.
Drilling techniques	<ul style="list-style-type: none"> Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	<ul style="list-style-type: none"> No drilling has been undertaken by Frontier in this fieldwork program.
Drill sample recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<ul style="list-style-type: none"> No drilling has been undertaken by Frontier in this fieldwork program.
Logging	<ul style="list-style-type: none"> Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	<ul style="list-style-type: none"> No drilling has been undertaken by Frontier in this fieldwork program.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	<ul style="list-style-type: none"> No drilling has been undertaken by Frontier in this fieldwork program.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	<ul style="list-style-type: none"> Rock samples taken by Frontier have been sent to Intertek Laboratories in Lae, PNG for preparation. All samples are sorted, dried to 105^oC, pulverised (95%<75µm) up to 2kg. They were fire assayed at the Lae laboratory for total gold with a 50g charge (FA50/AA). Soils are Fire assayed for total gold (FA25/AA). All rock, trench and soil samples have undergone aqua regia digestion (AR1/OE32) at the Intertek laboratory in Perth for a suite of 32 elements (Ag, Al, As, B, Ba,Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Te, Ti, Tl, V, W, Zn). Acceptable levels of accuracy are obtained in the Intertek assaying results of Au 0.005 ppm, Ag 0.5 ppm, As 5 ppm, Ba 0.1 ppm, Cu 1 ppm, Mo 1 ppm, Pb 1 ppm, Sb 2 ppm and Zn 1 ppm. All samples have been stored at Intertek laboratories for future re-analysis if required.

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> Duplicates and blank have not been used by Frontier due to the reconnaissance nature of the sampling program by Frontier. Duplicates, Standards and Blanks have been used by Intertek Laboratories for their own quality assurance procedures.
Verification of sampling and assaying	<ul style="list-style-type: none"> The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> Verified by senior geologist and other geologists onsite at the time. No drilling has been undertaken by Frontier in this fieldwork program. All assay data is stored as digital Excel spreadsheets and stored in reports submitted to the MRA library in digital PDF and Excel formats.
Location of data points	<ul style="list-style-type: none"> Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> No drilling has been undertaken by Frontier in this fieldwork program. Trench/costeans by Frontier were located initially by topographic maps and tape and compass surveying of creeks and GPS readings taken. Map Datum is AGD66. Topographic control is low with 40m contours from 1:100,000 plans and 10m contours from airborne DTM contours.
Data spacing and distribution	<ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	<ul style="list-style-type: none"> Refer to any attached plans for sample locations, rock float, soil and trench/costean spacing. No drilling has been undertaken by Frontier in this fieldwork program. Frontier trench locations and hence data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedures. Data spacing and improved topographic control need to be reviewed in detail from additional drillhole and trench/costean databases prior to undertaking a resource estimate. Sample compositing was not applied.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> No drilling has been undertaken by Frontier in this fieldwork program. Sample intervals are selected based upon observed geological features and the strike of the narrow quartz veins. Trench/costean samples have been taken perpendicular to known structures to reduce any sampling bias.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Access to site is controlled and rock and soil samples stored on-site in a remote location. Site employees transport samples to the PNG Capital of Port Moresby by helicopter. Local employees transport the samples to the analytical lab via air cargo. The laboratory compound is secured.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> No audits or reviews of sampling techniques and data have been performed.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<ul style="list-style-type: none"> Frontier Resources Ltd have a 100% ownership of Frontier Copper (PNG) Limited, which hold 100% title to Exploration Licence EL 2531-Tolukuma. There are no joint ventures or partnerships in place with this project. Frontier Copper PNG Ltd IPA Certification Number: 91414 was re-issued on 26th April 2019 and originally Certified 8th November 2005. There are no known impediments to operate in the Tolukuma EL. Tenements are granted by the Minister of Mines for a period of two years and security is governed by the PNG Mining Act 1992 and Regulation. EL applications require landowner meetings and review by the Mining Advisory Council who make their recommendations to the Minister of Mines.
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> EL2531 Tolukuma was initially stream sampled by Kenecott in the 1960's and afterwards by CRAE who completed both stream sediment sampling and rock chip sampling. Newmont 1985-1988 discovered the Tolukuma vein and completed costean and soil sampling and diamond drill

Criteria	JORC Code explanation	Commentary
		<p>holes testing the NW-SE Taula Vein. Newmont completed resource drilling and mine feasibility studies. From 1989-1992 Newmont completed 2nd phase drilling.</p> <ul style="list-style-type: none"> • Dome Resources purchased the Exploration license from Newmont in 1992 and completed feasibility studies in the ML104, granted in 1994, with first gold poured in December 1995. • In 2000, Durban Roodepoort Deep purchased Dome Resources and took over all its interests in PNG. TGM's work programs (now 100% DRD included trench sampling and mapping. Work commenced at Saki in 2002 with a programme of extensive trench sampling and mapping and drilling at the Kunda prospect both inside ML104 and within the current EL2531. • Petromin PNG Holdings acquired 100% of the Tolukuma projects from Emperor Mines in 2008. Singapore company Asidokona purchased Tolukuma Gold Mines Ltd from Petromin (PNG Government) in November 2015. • The Tolukuma gold mine ML104 and four EL's are currently up for sale by its administrator Andrew Pini. EL2531 was acquired by Frontier via a ballot process.
Geology	<ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> 	<ul style="list-style-type: none"> • The Tolukuma group of vein systems are intrusive related epithermal Au-Ag quartz veins hosted within rocks of the Pliocene Mt Cameron Volcanic Complex. • The Saki group of vein systems are intrusive related epithermal Au-Ag quartz veins hosted within rocks of the Pliocene to Miocene Mt. Davidson Volcanics comprised of a complex of Andesitic flow units and Pyroclastic flow units that have been subsequently intruded by quartz Diorites and Monzonites • Mineralisation is described in the text.
Drill hole Information	<ul style="list-style-type: none"> • <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> ○ <i>easting and northing of the drill hole collar</i> ○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i> ○ <i>dip and azimuth of the hole</i> ○ <i>down hole length and interception depth</i> ○ <i>hole length.</i> • <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i> 	<ul style="list-style-type: none"> • A summary of any relevant historical drillhole information is noted within Tables in the text of this report. • No drilling has been undertaken by Frontier in this fieldwork program. • Frontier has acquired historical reports which have drillhole information and have acquired the complete digital drillhole database of the Saki prospect.
Data aggregation methods	<ul style="list-style-type: none"> • <i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i> • <i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i> • <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i> 	<ul style="list-style-type: none"> • Exploration results are reported typically within veins. Trench grades are compiled using length weighting. • No metal equivalent values are used.
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> • <i>These relationships are particularly important in the reporting of Exploration Results.</i> • <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> • <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i> 	<ul style="list-style-type: none"> • The relationship between historical mineralisation widths & intercept lengths from trench/costeans is moderately well understood. Assay results from the Frontier sampling have yet to be received. • Historical drillholes are generally targeted perpendicular to known veins. True width projections are noted in Tables are noted where relevant within the text of this report. • No drilling has been undertaken by Frontier in this fieldwork program.
Diagrams	<ul style="list-style-type: none"> • <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i> 	<ul style="list-style-type: none"> • Appropriate maps, sections and tabulations of drillhole rock, soil and trench/costean intercepts are included where relevant.
Balanced reporting	<ul style="list-style-type: none"> • <i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i> 	<ul style="list-style-type: none"> • Comprehensive reporting of all drilling, trench and soil sample results has occurred in historical reports and reported here where appropriate. • Representative reporting of Exploration Results by Frontier is comprehensive.

Criteria	JORC Code explanation	Commentary
Other substantive exploration data	<ul style="list-style-type: none"> Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	<ul style="list-style-type: none"> All meaningful exploration data has been included to date in this and previous ASX announcements. 3D magnetic modelling results have been undertaken using University of British Columbia developed algorithms and applied by an independent geophysics consultancy. Ground geophysical 3DIP modelled results have been acquired and interpreted by Frontier. A petrological study of drillcore samples was completed by Terry Leach and Co. in 2003.
Further work	<ul style="list-style-type: none"> The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	<ul style="list-style-type: none"> Current Frontier exploration is aimed at testing for lateral extensions of known veins and interpreted vein systems. Appropriate plans are included where possible. The nature of planned further work is provided in the body of text.

APPENDIX 1: Frontier Rock Sampling Results

Sample No.	Type	Easting AGD66	Northing AGD66	Au (g/t)	Ag (g/t)	As (ppm)	Ba (ppm)	Sb (ppm)
98152	Rock chip	518225	9053725	0.06	2.5	391	267	29
98153	Rock chip	518200	9053682	4.97	20.6	3130	37	482
98154	Rock chip	518302	9053710	9.37	11.5	5473	60	39
98801	Rock float	518389	9053364	1.26	11.9	5000	208	970
98802	Rock chip	518320	9053354	0.023	<0.5	5000	113	18
98803	Rock chip	518299	9053324	6.57	29.8	5000	41	3778
98804	Rock chip	518263	9053318	0.036	<0.5	294	56	17
98805	Rock chip	518261	9053306	14.5	21.3	2668	616	58
98806	Rock chip	518300	9053063	0.113	<0.5	329	47	29
98807	Rock chip	518405	9052981	7.59	13.2	1724	97	66
98808	Rock chip	518290	9052787	0.04	<0.5	44	180	2
98809	Rock chip	518255	9052814	0.022	<0.5	44	86	<2
98810	Rock chip	518195	9052833	0.026	<0.5	51	44	2
98811	Rock chip	518141	9052852	0.014	<0.5	28	84	<2
98812	Rock chip	518138	9052838	0.026	<0.5	43	78	<2
98813	Rock float	518075	9052931	0.016	<0.5	24	68	4
98814	Rock chip	518139	9052949	0.008	<0.5	23	138	<2
98815	Rock chip	518129	9052965	0.02	<0.5	49	49	4
98816	Rock chip	518254	9052765	0.008	<0.5	31	29	<2
98817	Rock chip	518166	9052627	0.009	<0.5	12	70	<2
98818	Rock float	518226	9052549	0.073	<0.5	22	74	<2
98819	Rock chip	518213	9052539	0.006	<0.5	10	87	<2
98820	Rock chip	518238	9052511	0.029	<0.5	61	37	4
98821	Rock float	518493	9053113	0.085	<0.5	242	86	11
98822	Rock chip	518539	9053077	0.02	<0.5	68	85	<2
98823	Rock chip	518557	9053059	0.051	<0.5	3385	55	40
98824	Rock chip	517752	9053009	0.016	<0.5	159	94	7
98825	Rock chip	517664	9053072	0.01	0.8	12	158	<2
98826	Rock chip	517651	9053126	0.015	<0.5	856	11	16
98827	Rock chip	517652	9053195	0.031	<0.5	250	108	10
98828	Rock chip	517667	9053208	0.022	<0.5	90	70	5
98829	Rock chip	517658	9053221	0.019	<0.5	636	67	6
98830	Rock chip	517624	9053298	0.047	<0.5	475	167	37

Sample No.	Type	Easting AGD66	Northing AGD66	Au (g/t)	Ag (g/t)	As (ppm)	Ba (ppm)	Sb (ppm)
98831	Rock chip	517610	9053311	0.041	<0.5	145	45	2
98832	Rock chip	517690	9053318	3.32	<0.5	<5	288	<2
98833	Rock chip	517959	9052845	0.016	<0.5	130	34	5
98834	Rock float	517971	9052876	0.034	<0.5	178	35	3
98835	Rock float	517936	9052792	0.016	<0.5	125	34	8
98836	Rock chip	517941	9052745	0.011	<0.5	219	86	3
98837	Rock chip	518070	9052793	0.031	<0.5	27	43	2
98838	Rock chip	518070	9052793	0.011	<0.5	88	49	7
98839	Rock float	518130	9052784	0.06	<0.5	48	76	<2
98840	Rock float	517936	9052872	0.014	<0.5	47	11	6
98841	Rock float	517936	9052872	0.033	<0.5	217	14	<2
98842	Rock float	517860	9052890	0.034	<0.5	94	64	13
98843	Rock chip	517806	9052956	0.009	<0.5	7	225	<2
98844	Rock chip	517806	9052956	0.055	0.7	68	74	2
98845	Rock chip	517810	9052952	0.007	<0.5	123	11	<2
98846	Rock chip	517810	9052952	0.017	<0.5	47	61	<2
98847	Rock chip	517704	9053740	0.023	<0.5	1643	65	12
98848	Rock chip	517704	9053740	0.019	<0.5	1992	784	20
98849	Rock chip	517710	9053743	0.019	<0.5	1856	46	15
98850	Rock chip	517716	9053744	0.015	<0.5	3520	53	13
98851	Rock chip	517716	9053744	0.041	<0.5	3723	124	27
98852	Rock chip	517716	9053744	0.018	<0.5	2005	65	9
98853	Rock chip	517716	9053744	0.017	<0.5	2893	82	22
98854	Rock chip	517716	9053744	0.02	<0.5	3170	42	18
98855	Rock chip	517716	9053744	0.016	<0.5	3847	53	13
98856	Rock chip	517,785.13	9,052,990.46	0.019	<0.5	28	59	<2
98857	Rock chip	517,785.13	9,052,990.46	0.016	<0.5	75	33	3
98858	Rock chip	517,785.13	9,052,990.46	0.014	<0.5	34	107	<2
98859	Rock chip	517,785.13	9,052,990.46	0.013	<0.5	9	448	<2
98860	Rock float	517570	9053322	0.049	<0.5	309	33	4
98861	Rock float	517558	9053339	0.022	<0.5	82	52	6
98862	Rock chip	517520	9053336	0.035	1.1	248	32	5
98863	Rock chip	517495	9053332	0.023	<0.5	429	18	13
98864	Rock chip	517454	9053349	0.23	<0.5	5804	21	135
98865	Rock chip	517260	9053411	0.046	0.6	1394	296	<2
98866	Rock chip	517164	9053603	0.314	1.9	323	40	27
98867	Rock chip	517535	9053973	0.058	<0.5	667	213	77
98868	Rock chip	517526	9053922	0.054	0.9	5977	80	95
98869	Rock chip	517532	9053896	0.105	<0.5	4931	47	59
98870	Rock float	517534	9053868	0.032	<0.5	1616	16	49
98871	Rock float	517528	9053849	0.042	<0.5	761	10	9
98872	Rock float	517538	9053808	0.01	<0.5	648	13	9
98873	Rock chip	517543	9053747	0.017	<0.5	2995	132	59
98874	Rock chip	517752	9053730	0.04	<0.5	2183	143	37
98875	Rock float	517738	9053446	0.028	<0.5	20	167	<2
98876	Rock chip	517717	9053462	0.01	<0.5	179	80	2
98877	Rock chip	517716	9053466	0.027	<0.5	35	455	<2
98878	Rock chip	517674	9053495	0.033	1.3	918	3568	<2
98879	Rock chip	517666	9053511	0.016	<0.5	8248	59	71

Sample No.	Type	Easting AGD66	Northing AGD66	Au (g/t)	Ag (g/t)	As (ppm)	Ba (ppm)	Sb (ppm)
98880	Rock chip	517665	9053506	0.015	<0.5	4259	64	56
98881	Rock chip	517662	9053526	<0.005	<0.5	3243	132	68
98882	Rock chip	517635	9053587	0.013	<0.5	425	66	4
98883	Rock float	517626	9053624	0.03	<0.5	444	7	12
98884	Rock chip	517645	9053623	0.032	<0.5	1015	73	4
98885	Rock chip	517591	9053653	0.034	<0.5	4132	44	101
98886	Rock float	517642	9053703	0.027	<0.5	194	93	<2
98887	Rock chip	517442	9052889	0.032	<0.5	162	43	4
98888	Rock chip	517446	9052880	0.048	<0.5	146	47	3
98889	Rock chip	517511	9052825	0.023	0.6	109	199	<2
98890	Rock chip	517524	9052771	0.027	<0.5	20	164	<2
98891	Rock chip	517539	9052741	0.031	<0.5	21	52	<2
98892	Rock float	518121	9052965	0.025	<0.5	10	30	<2
98893	Rock chip	518542	9053547	0.025	<0.5	51	59	<2
98894	Rock chip	518542	9053547	5.97	15.6	396	60	20
98895	Rock chip	518541	9053616	0.242	2.1	698	410	34
98896	Rock chip	518541	9053616	0.041	<0.5	108	88	6
98897	Rock chip	518531	9053639	2.33	33.4	4013	46	64
98898	Rock chip	518493	9053675	0.834	6.9	777	32	14
98899	Rock chip	518213	9052813	0.035	<0.5	9	146	<2
98900	Rock chip	518187	9052804	0.024	<0.5	13	205	<2