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ASX Limited  
Market Announcements Platform

13 January 2021

## Significant Gold Mineralised Extensions at Kimono, Including 101 g/t Gold

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- Final sampling results demonstrate a high-grade segment along the Kimono Central Vein with rock sample results including values of **101g/t Au, 80.9g/t Au, 52.7g/t Au and 22.2g/t Au** and trench results of **2.1m @ 24.68g/t Au, including 1.1m @ 42.70g/t Au**. Additional trench sampling is planned to begin in late January to better define drill hole targets.
  - Continuity of gold mineralisation occurs at 360m and 600m further to the south-southwest at Lower Holsiga Creek where trench sampling returned **1.0m @ 4.03 g/t Au** and **1.0m @ 1.42g/t Au** respectively.
  - The newly discovered Tassy vein is interpreted to extend to over 1km strike length with rock sampling results including **2.13g/t Au** and trench sampling results including **3.0m @ 2.87g/t Au and 1.0m @ 15.50g/t Au**.
  - Along the Dudu Vein at Soil Line 5, 1.3km south-southeast from Kimono Central, trench sampling results returned values of **6.0m @ 1.48 g/t Au including 2.0m @ 3.36g/t Au**.
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Frontier Resources Limited (**Frontier** or the **Company**) is pleased to announce final results from its sampling and mapping program at the Kimono and Kimono South prospects which occur along the eastern boundary of the Tolukuma Gold Mining Lease ML104 (Figure 1). A total of 102 soil, 102 rock chip (51 float and 51 outcrop) and 205 chip-channel trench samples were collected.

The geological mapping, rock sampling, ridge-spur soil sampling and hand trenching was designed to:

1. Test the continuity and strike extensions of the known historical gold-mineralised veins.
2. Validate selected historical trench assay results and trench geology, and to define, if possible, a drill target at Kimono Central.
3. Map and sample the projected intersection zone of the known mineralised veins.
4. Follow-up historical anomalous gold-in-soil anomalies and complete some additional in-fill soil sampling.

The best rock chip sampling results were from the Kimono Vein (Figure 1). Anomalous assays greater than 1.0g/t Au ranged from **101g/t Au** to **1.42g/t Au** and include values of **80.9g/t, 52.7g/t and 22.2g/t** indicating this is a high-grade segment of the Kimono Vein. Elsewhere the best rock chip results were **2.13g/t Au** at the Tassy Vein, **1.15g/t Au** in lower Holsiga Creek, **1.42g/t Au** in Fala Creek and **1.62g/t Au** near Soil Line 5 (refer to Appendices A and B). Mineralisation includes gold and silver as electrum, pyrite/marcasite, fine dark, stibnite, rare arsenopyrite and minor copper, lead, zinc base metal sulphides.

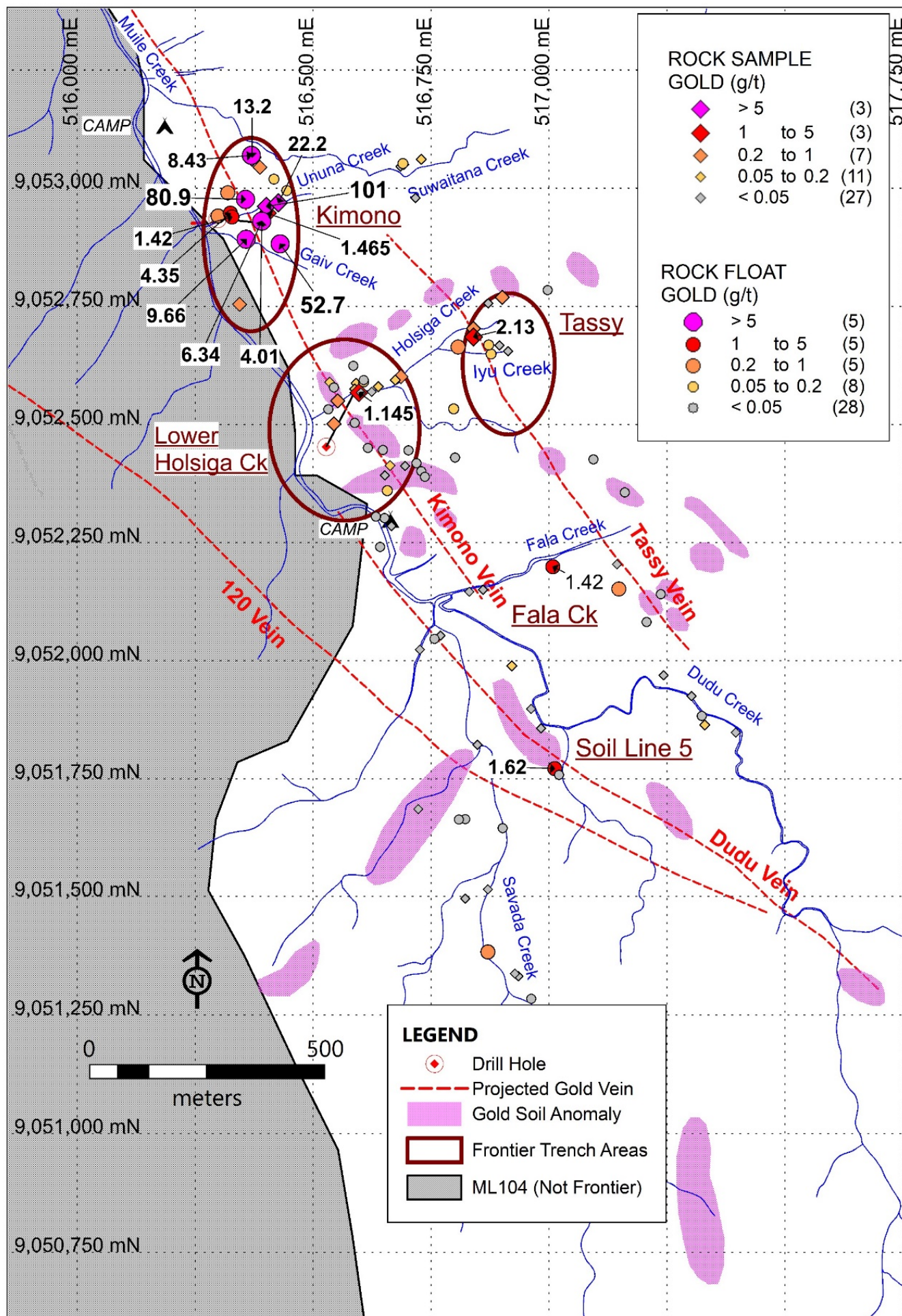


Figure 1: Frontier Rock and Soil Sampling Results at Kimono

Hand trenching was carried out in five separate areas (Figure 2 and 3) at Kimono, Lower Holsiga Creek, Fala Creek, Soil Line 5 Dudu Vein and also at the newly discovered Tassy vein (refer to ASX Announcement dated 19 November 2020). The best results were (refer to Tables 1 to 4 and Appendix C):

<u>Kimono Vein</u>	<b>2.1m @ 24.68g/t Au + 36.85g/t Ag, including 1.1m @ 42.70g/t Au + 60.30g/t Ag;</b> <b>10.0m @ 1.99g/t Au + 8.45g/t Ag, including 2m @ 3.46g/t Au + 15.13g/t Ag;</b>
<u>Tassy Vein</u>	<b>4.0m @ 4.78g/t Au + 17.94g/t Ag, including 3.0m @ 6.32g/t Au + 23.22g/t Ag,</b> <b>including 1.0m @ 15.5g/t Au + 24.6g/t Ag;</b>
<u>Lower Holsiga Ck</u>	<b>5.0m @ 1.25g/t Au + 6.40g/t Ag, including 1.0m @ 4.48g/t Au + 13.8g/t Ag;</b> <b>11.0m @ at 0.86g/t Au + 0.80g/t Ag, including 2.0m @ 3.18g/t Au + 3.8g/t Ag;</b>
<u>Kimono South</u>	<b>6.0m @ 1.48g/t Au + 2.30g/t Ag, including 2.0m @ 3.36g/t Au + 5.58g/t Ag.</b>

The gold mineralisation at Kimono is dominantly associated with a pyrite-marcasite-arsenopyrite sulphide assemblage, hosted by quartz veins, stringers or zones of veining, which typically range from 2cm to 10m in width. Veins commonly dip steeply and are mainly controlled by the dominant NW & NNW trending structures.

Quartz textures include colloform-crustiform, comb (or dogtooth), vuggy and massive crystalline, typical of the upper levels of a low sulfidation epithermal system. Fine **visible gold** was observed in several places at Kimono Central. Saccaroidal quartz veins commonly contain cavities lined with fine-coarse grained comb quartz ± crustiform quartz. Sample 40113 (**1.42g/t Au + 10.25g/t Ag**) is a float sample that contains all the typical epithermal boiling zone textures (Photo 1).



**Photo 1: Rock float (SN# 40113) from Kimono Central displaying comb, crustiform, colloform, lattice bladed and botryoidal quartz textures typical of the boiling zone of an epithermal system**

At Kimono Central anomalous gold-in-soils can be correlated with the trends of mapped and projected mineralised veins and indicate additional targets for follow up sampling (Figure 1). At Kimono South a roughly 250m long NW-trending irregular anomalous soil zone (As-Mo-Ba-Au) straddles and is sub-parallel to the projected strike extension of the historical Dudu Vein (refer to ASX Announcement dated 17 December 2020).

Trenching (and limited pitting) at the Kimono Vein (*Trenches KC-01 to KC-12, KC-18 to KC-20 & Pits KP-01*) was undertaken with the aims of locating historical trench locations and to test for continuity of the Kimono vein. The trenches were sited mainly to intersect the major NW/NNW-trending structures. Trench KC-08 intersected **2.1m @ 24.7g/t Au + 36.6g/t Ag; including 1.0m @ 42.7g/t Au + 60.3g/t Ag** within a brecciated quartz-sulphide vein (Figure 4).

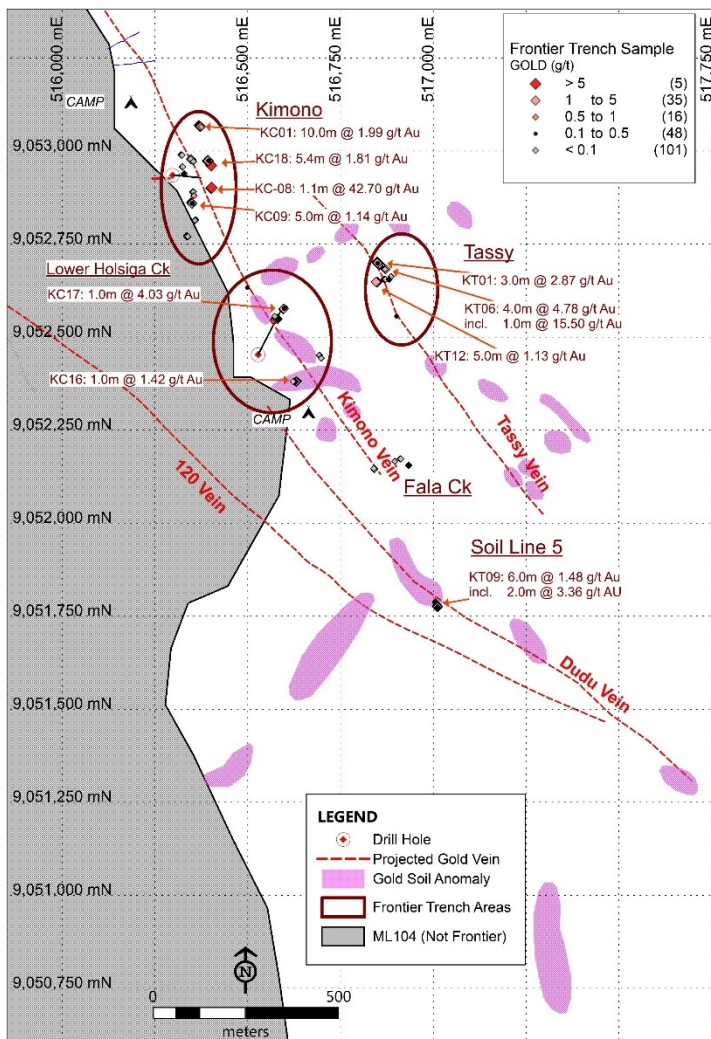


Figure 2: Kimono Trench Results and Highlights

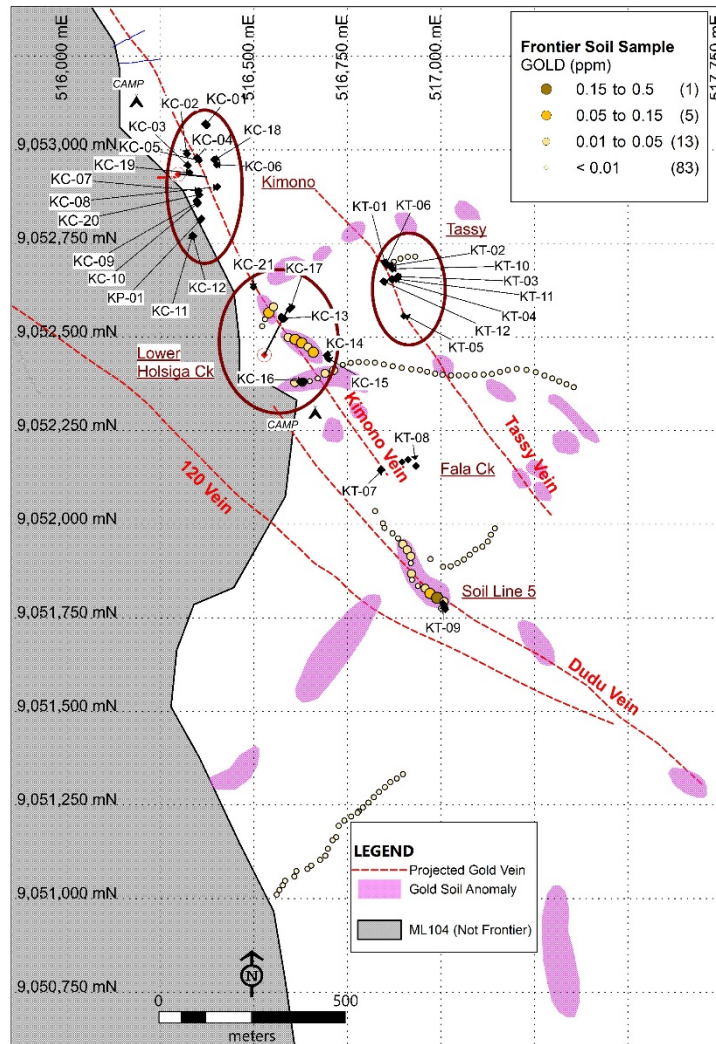


Figure 3: Frontier Soil Results and Trench Locations

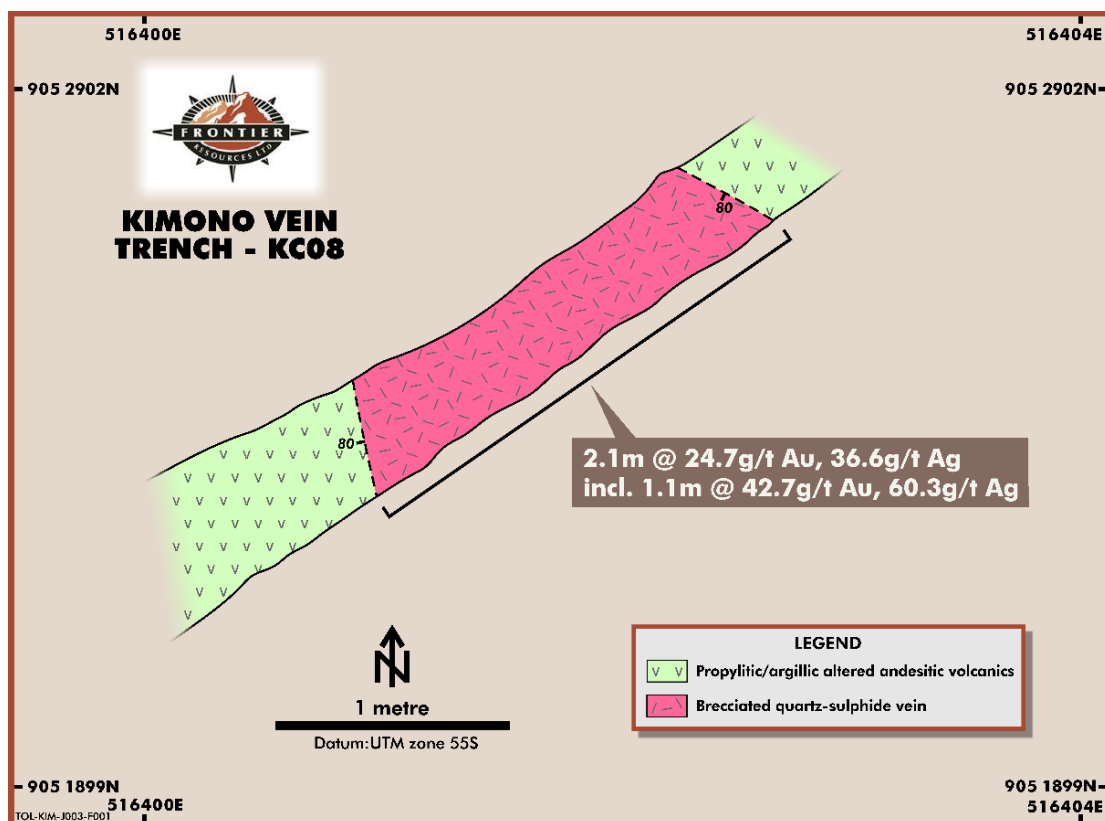
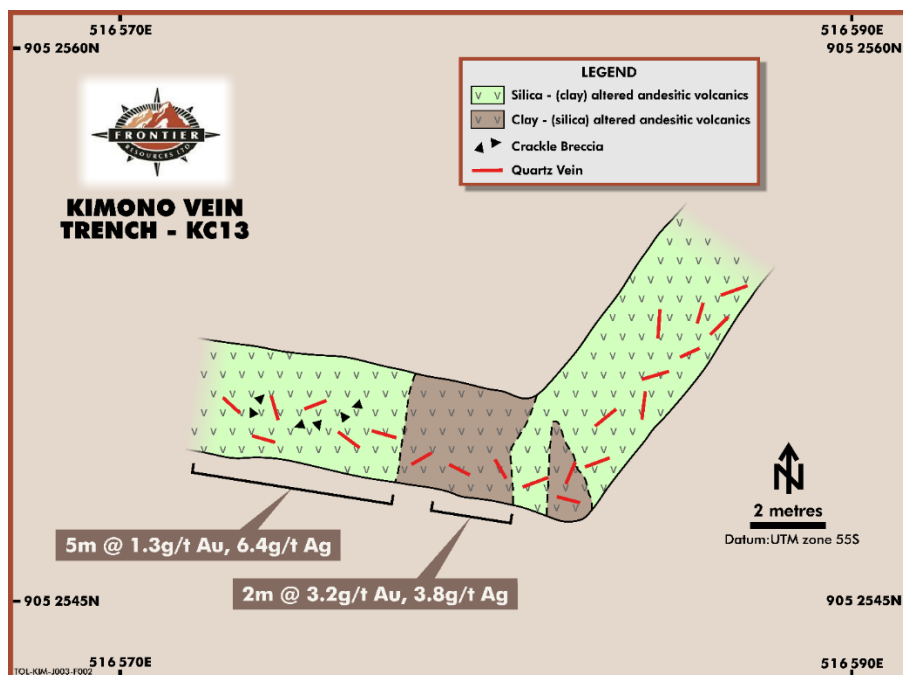


Figure 4: Kimono Trench KC08 Geology and Mineral Intercepts

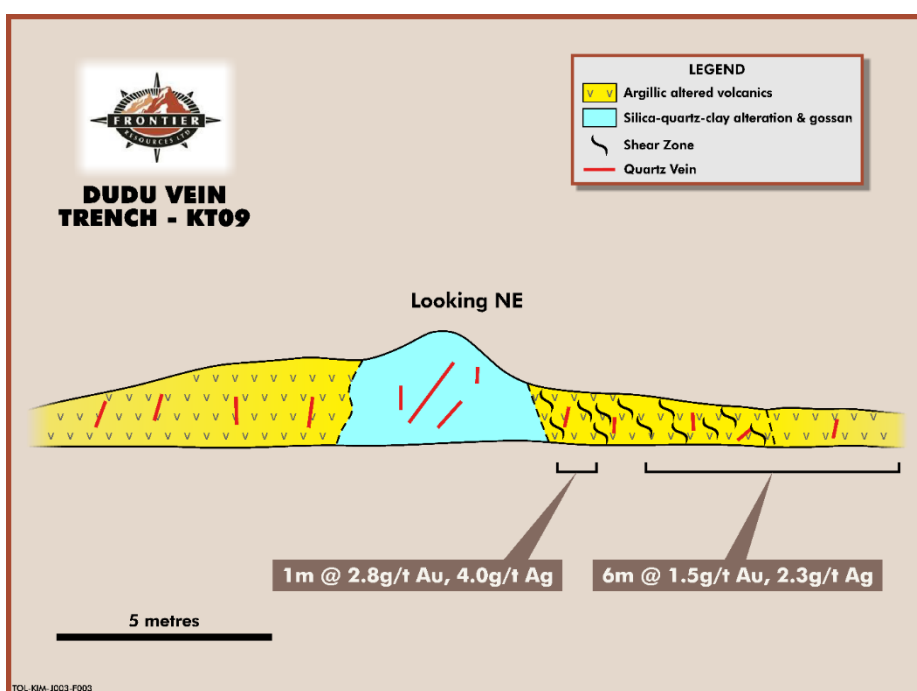
Six trenches (*Trenches KC-13 to KC-17 & KC-21*) were sampled near lower Holsiga Creek and on the ridge near camp to test for extensions of the known Kimono Vein to the SSE (Figure 3). The best results include Trench KC-13, intersecting **5.0m at 1.3g/t Au, 6.4g/t Ag** within crackle breccia and **2.0m at 3.2g/t Au, 3.8g/t Ag** within abundant 3mm-4.5cm saccharoidal milky quartz veins and dog tooth quartz (Figure 5).



**Figure 5: Lower Holsiga Creek Trench KC13 Geology and Mineral Intercepts**

Only one trench was completed at Kimono South, a 20m trench (KT-09) located at the southeastern end of Soil Line 5 (Figure 3). The trench was oriented NNW-SSE and sampled at 1.0m intervals (samples 40016-40035 in Appendix C). The trench exposed a 14m wide zone of clay-silica altered quartz veined andesitic volcanics cut by a clay shear zone about 5.0m wide (Figure 5).

Discontinuous quartz veins with no defined orientations were also noted. This zone of alteration and mineralisation includes values of **6m @ 1.5g/t Au + 2.3g/t Ag** and **1m @ 2.8g/t Au + 4.0g/t Ag**. It is believed to be the southeastern extension of the historical Dudu Vein (Figure 1), perhaps located where a NE-trending cross structure intersects the main vein.



**Figure 5: South Kimono Trench KT09 Geology and Mineral Intercepts**

**Table 1: Kimono Vein Trenches (and Pits) – Gold & Silver Assay Highlights (0.1g/t Au cut off)**

<b>Trench No</b>	<b>Assay Highlights</b>	<b>Lithology</b>
KC-01	<b>10.0m @ 1.99g/t Au + 8.45g/t Ag</b> incl: <b>2.0m @ 3.46g/t Au + 15.13g/t Ag</b>	Quartz veining in phyllic-argillic-silica altered volcanics; veins up to 70cm wide.
KC-02	1.0m @ 0.25g/t Au + 0.36g/t Ag 1.0m @ 0.29g/t Au + 0.62g/t Ag	Within ~5.0m zone of phyllic/argillic altered volcanics; quartz-MnO stockwork & veinlets.
KC-04	<b>1.2m @ 3.13g/t Au + 18.7g/t Ag</b>	Quartz-sulphide vein in phyllic/argillic altered volcanics
KC-06	<b>3.0m @ 4.46g/t Au + 14.11g/t Ag</b>	Quartz-sulphide veining + quartz-MnO stringers in phyllic/argillic altered volcanics.
KC-08	<b>2.1m @ 24.68g/t Au + 36.85g/t Ag</b> incl: <b>1.1m @ 42.70g/t Au + 60.30g/t Ag</b>	Massive quartz-sulphide vein in phyllic/argillic altered volcanics.
KC-09	10.0m @ 0.76g/t Au + 0.83g/t Ag incl: 5.0m @ 1.14g/t Au + 0.80g/t Ag	Quartz veined argillic/phyllic altered volcanics.
KC-10	3.0m @ 0.24g/t Au + 0.48g/t Ag	Quartz veined argillic/phyllic altered volcanics.
KC-11	4m @ 0.51g/t Au + 6.57 g/t Ag	Zone of silicification & quartz veining in phyllic/argillic altered volcanics.
KC-12	0.8m @ 0.15g/t Au + 0.28g/t Ag	Zone of silicification & quartz veining in phyllic/argillic altered volcanics.
KC-18	5.4m @ 1.81g/t Au + 10.18g/t Ag incl: 0.3m @ 5.89g/t Au + 38.7g/t Ag	Partly oxidized quartz-sulphide vein in brecciated silica-sericite-hematite altered volcanics with quartz-MnO veins/stringers/stockwork.
KC-19	2m @ 0.43g/t Au + 7.68g/t Ag	Silica-sericite-hematite-fuschite-smectite altered volcanics with quartz-MnO-sulphide veining .
KC-20	0.70m @ 0.82g/t Au + 2.74g/t Ag	10cm quartz vein in silica-sericite-fuschite-smectite-hematite altered volcanics.
KPit-02	0.11g/t Au + 0.29g/t Ag	10cm quartz vein in silica-sericite-fuschite-smectite-hematite altered volcanics.

**Table 2: Tassy Vein Trenches – Gold & Silver Assay Highlights (0.1g/t Au cut off)**

<b>Trench ID</b>	<b>Assay Highlights</b>	<b>Lithology</b>
KT-01	<b>3.0m @ 2.87g/t Au + 7.07g/t Ag</b>	Silica-clay-fuschite altered andesite porphyry; abundant 1mm-1.7cm quartz-limonite veins.
KT-03	1.0m @ 0.31g/t Au + 13.15g/t Ag	Partly oxidised silica-clay-fuschite-pyrite altered andesitic volcanic; weak crackle breccia; 0.5-2% pyrite dissemination.
KT-04	1.0m @ 0.12g/t Au + 1.19g/t Ag	Partly oxidised silica-clay-fuschite altered andesite porphyry; disseminated pyrite (1-2%).
KT-05	1.0m @ 0.20g/t Au + 0.40g/t Ag	Partly oxidised silica-clay altered andesitic volcanic; weak crackle breccia; irregular <1-8mm quartz-limonite veins.
KT-06	<b>4.0m @ 4.78g/t Au + 17.94g/t Ag,</b> incl: <b>3.0m @ 6.32g/t Au + 23.22g/t Ag,</b> incl: <b>1.0m @ 15.50g/t Au + 24.60g/t Ag</b>	Partly oxidised quartz veined silica-clay-pyrite-(fuchsite) altered andesite porphyry (dyke?) and pyroclastics; 1mm-3cm limonite-quartz veins; saccharoidal & comb quartz textures; trace to 1.5% fine pyrite in pyroclastics and 3-5% in andesite porphyry.
KT-10	<b>1.0m @ 1.09g/t Au + 119g/t Ag</b>	Partly oxidised andesitic porphyry; strong pervasive silica alteration; 5mm to 2.3cm quartz veins with comb texture; 0.3 to 0.5% fine disseminated pyrite.
KT-11	3.0m @ 0.31g/t Au + 19.32g/t Ag, incl: 1.0m @ 0.66g/t Au + 35.10g/t Ag	Partly oxidised andesite porphyry dyke in andesitic pyroclastics; strong pervasive clay-silica-pyrite-sericite-(fuschite) alteration; 1mm to 3cm quartz veins with comb textures; 2-5% fine pyrite; rare adularia.
KT-12	5.0m @ 1.13g/t Au + 11.39g/t Ag, <b>incl: 1.0m @ 2.59g/t Au + 35.30g/t Ag</b>	Partly oxidised quartz veined to 3cm in andesitic volcanic; strong pervasive silica-clay-(fuchsite) alteration; Irregular saccoidal quartz infilling fractures. All sulphides oxidised.

**Table 3: Lower Holsiga Creek Trenches – Gold & Silver Assay Highlights (0.1g/t Au cut off)**

Trench ID	Assay Highlights	Lithology
KC-13	5.0m @ 1.25g/t Au + 6.40g/t Ag incl: <b>1.0m @ 4.48g/t Au + 13.8g/t Ag;</b>  11.0m at 0.86g/t Au + 0.80g/t Ag Incl: <b>2.0m at 3.18g/t Au + 3.80g/t Ag</b>	Partly oxidised strongly silicified silica-clay altered volcanic; local crackle breccia; abundant 3mm-4.5cm saccharoidal milky quartz veins; comb & dog tooth quartz. Clay-silica altered andesitic volcanic with quartz veins, comb quartz in cavities.
KC-16	1.0m @ 1.42g/t Au + 0.32g/t Ag	Earthy orange-yellow limonitic oxidised tuff; local remnant chlorite-sericite alteration; intense fracture oxidation.
KC-17	10.0m @ 0.95g/t Au + 11.06g/t Ag Incl: 3.0m @ 2.31g/t Au + 25.75g/t Ag Incl: <b>1.0m @ 4.03g/t Au + 46.30g/t Ag</b>	Partly oxidised strong silica-clay-pyrite altered andesitic volcanic; local crackle breccia; 2mm-3cm irregular quartz-(adularia) veins; local quartz-pyrite veining; 0.5-5% pyrite dissemination>veins.
KC-21	1.0m @ 0.17g/t Au + 0.22g/t Ag	1.0m zone of brecciation in andesitic volcanics; 1 to 5cm quartz veins/stockwork; rare adularia; one grain of <b>visible Au</b> ; colloform-crustiform-crystalline quartz textures; <1% sulphides

**Table 4: Kimono South Trench – Gold & Silver Assay Highlights (0.01g/t Au cut off)**

Trench ID	Assay Highlights	Lithology
KT-08	0.2m @ 0.39g/t Au + 0.77g/t Ag	Fala Creek. Structurally controlled shear and brecciated quartz-MnO vein. Strongly oxidised. A spec of gold was observed. <1% sulphides.
KT-09 Dudu Vein	2.0m at 0.21g/t Au, 0.08g/t Ag 1.0m @ 0.27g/t Au + 3.48g/t Ag 1.0m @ 0.45g/t Au + 5.01g/t Ag 1.0m @ 2.82g/t Au + 4.03g/t Ag <b>6.0m @ 1.48g/t Au + 2.30g/t Ag,</b> <b>incl: 2.0m @ 3.36g/t Au + 5.58g/t Ag</b>	Strongly oxidised, bleached clay altered volcanics; local silicification & quartz veining; 1-5cm quartz veins and stringers; massive to comb quartz in 2.0m @ 3.36 g/t Au interval.

This announcement has been authorised for release by the Directors of the Company. For additional information please visit our website at [www.frontierresources.com.au](http://www.frontierresources.com.au)

## FRONTIER RESOURCES LTD

### 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
EL2531 - 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		130	441.72		

\*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
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>All samples were collected, bagged and labelled onsite, and transported to the field Camp by or under the supervision of a geologist or experienced field assistant.</li> <li>In camp, the samples were checked to verify numbers; sun dried and packed in sealed poly-weave sacks for consignment to the ALS laboratory in Brisbane where all samples are sorted, pulverised (85%&lt;75µm) up to 2kg and fire assayed for total gold with a 30g charge.</li> <li>All sample locations and sample numbers were logged in a sample ledger.</li> <li>Material aspects of the mineralisation are noted in the text of the document.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>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).</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> <li>Sampling sizes, type and location are appropriate for the quartz vein material being sampled.</li> <li>Samples taken by Frontier have been sent to ALS Laboratories in Brisbane for preparation. All samples are crushed to 70% less than 2mm and rotary split off to 250g, sorted and pulverised (85%&lt;75µm) up to 2kg with a final 30g submitted for assay.</li> <li>Every 50 samples is selected at random for routine Quality Control tests (LOG-QC).</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Rock samples taken by Frontier have been sent to ALS Laboratories in Brisbane for preparation. Prepared samples are fire assayed at the ALS laboratory for total gold with a 30g charge (FA50/AA).</li> <li>All rock, trench and soil samples have undergone aqua regia digestion with ICP-MS Finish (ME-MS41) at the ALS laboratory in Brisbane for a suite of 51 elements (Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, Hg, Ln, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, U, V, W, Y, Zn, Zr).</li> <li>For gold assays &gt; 50 ppm, gravimetric assaying was completed with Au 50g FA-GRAV finish (Au-GRA22) and Ore Grade As – Aqua Regia (As-OG46) at the ALS Townsville laboratories.</li> <li>Levels of accuracy are obtained in the ALS assaying results of Au 0.005 ppm, Ag 0.01 ppm, As 0.1 ppm, Ba</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p>10 ppm, Cu 0.2 ppm, Mo 0.05 ppm, Pb 0.2 ppm, Sb 0.05 ppm and Zn 2 ppm.</p> <ul style="list-style-type: none"> <li>Samples have been stored at ALS laboratories for future re-analysis if required.</li> <li>Duplicates and blank have not been used by Frontier due to the reconnaissance nature of the sampling program by Frontier.</li> <li>Duplicates, Standards and Blanks have been used by ALS Laboratories for their own quality assurance procedures.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>Verified by senior geologist and other geologists onsite at the time.</li> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> <li>All assay data is stored as digital Excel spreadsheets and stored in reports submitted to the MRA library in digital PDF and Excel formats.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> <li>Soil, trench and rock samples were located initially by GPS and tape and compass surveying of creeks and GPS readings taken. Soil sampling was done at 20m spacing using corrected slope distance. Trench sample spacing was generally 0.5-1.0m.</li> <li>Map Datum is AGD66.</li> <li>Topographic control is low with 40m contours from 1:100,000 plans and 10m contours from airborne DTM contours.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>Refer to any attached plans and tables for rock and trench/costean spacing.</li> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> <li>Trench locations and hence data spacing and distribution is not yet sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedures.</li> <li>Sample compositing was not applied.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> <li>Seven soil lines were established during the field program along topographic ridges and spurs.</li> <li>Trench samples were taken to intersect known mineralisation from surface trench results in a nominally perpendicular orientation as much as practicable. Sample intervals are selected based upon observed geological features and the strike of the narrow quartz veins.</li> <li>Sample intervals are selected based upon observed geological features and the strike of the quartz veins.</li> <li>Trench/costean samples have been taken selectively within each trench generally at 1m intervals.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>Access to site is controlled and remote. Soil, rock and trench samples are stored on-site in a remote field camp. 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 in Brisbane, Australia is secured.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>No audits or reviews of sampling techniques and data have been performed.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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. Frontier Copper PNG Ltd IPA Certification Number: 91414 was re-issued on 26<sup>th</sup> April 2019 and originally Certified 8<sup>th</sup> November 2005.</li> <li>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.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Frontier has applied for a two year tenement renewal due 24<sup>th</sup> February 2021 which requires a 50% reduction in tenement size.</li> <li>EL2531 Tolukuma was initially stream sampled by Kenecott in the 1960's afterwards by CRAE who completed both stream sediment sampling and rock chip sampling.</li> <li>Newmont 1985-1988 discovered the Tolukuma vein and completed costean and soil sampling and diamond drill holes testing the NW-SE Taula Vein. Newmont completed resource drilling and mine feasibility studies. From 1989-1992 Newmont completed 2<sup>nd</sup> phase drilling.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>The Tolukuma gold mine is currently under control of the MRA. New investment is currently being sought to refurbish the mine, and establish a resource drilling program on ML104. EL2531 was acquired by Frontier on a first application basis when it was offered by the MRA.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>Kimono consists of narrow gold mineralised structures of mainly quartz with minor sulphides including pyrite, marcasite, stibnite and cinnabar and silica-sulphide banding. Mineralization is described as "poddy style" with higher gold grades located where cross-cutting clay-sericite altered cross structures containing local minor silicification and trace sphalerite intersect the main Kimono Vein. The Kimono structure was traced for about 1km SSE from the Auga River. The outcrops range from 20-40m in strike length and 0.1m-3.0m wide.</li> <li>The quartz veins are 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.</li> <li>The dominant lithology of Kimono is basaltic andesites with minor agglomerate breccias and tuffaceous volcanics, which are members of the Boundary Volcano Suite.</li> <li>At Kimono South, wide intervals of weakly anomalous gold (&gt;0.05g/t Au) were defined by ridge-spur soil samples, including separate intervals of 160m and 140m.</li> <li>Historical mapping, rock chip sampling, soil sampling, trenching and airborne geophysics have defined a mineralised zone extending for about 4.0km from the Auga River SSE to upper Muile Creek.</li> <li>Mineralisation is described in the text.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>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: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> <li>Frontier has acquired historical reports with drillhole and trench information that have been reviewed and interpreted.</li> <li>Digital databases have also been acquired over a number of prospects within EL2531 and have formed part of the regional evaluation process of prospects within EL2531 and used in the required 50% tenement reduction process required for tenement renewal</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Exploration results are reported typically within veins. Trench grades are compiled using length weighting.</li> <li>No metal equivalent values are used.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	<ul style="list-style-type: none"> <li>The relationship between historical mineralisation widths &amp; intercept lengths from trench/costeans is moderately well understood. Assay results from the Frontier sampling have been received and undergoing interpretation.</li> <li>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.</li> <li>No drilling has been undertaken by Frontier in this fieldwork program.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Appropriate maps, sections and tabulations of drillhole rock, soil and trench/costean intercepts are included where relevant.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Comprehensive reporting of all drilling, trench and soil sample results has occurred in historical reports and reported here where appropriate.</li> <li>Representative reporting of Exploration Results by Frontier is comprehensive.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>All meaningful exploration data to date has been included in this and previous ASX announcements.</li> <li>Historical drill hole assay data from the Kimono and Kunda prospect have yet to be acquired. Drill core from the Kimono prospect are currently stored at the Saki camp and have been re-logged. These may be re-sampled at a later date</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Current Frontier exploration is aimed at testing for lateral extensions of known veins and interpreted vein systems at Kimono and Saki prospect areas.</li> <li>Appropriate plans are included where possible.</li> <li>The nature of planned further work is provided in the body of text.</li> <li>The MRA has approved a variation in work commitments to allow Frontier to appropriately plan a trenching program at the Saki prospect ahead of drilling to achieve a maiden JORC resource.</li> </ul>

#### APPENDIX A: Kimono Frontier Outcrop Rock Chip Sampling Results

Sample Number	Easting	Northing	Locality	Au	Ag
30203	517243	9051969	Dudu Ck	<0.005	0.16
30204	517302	9051925	Dudu Ck	<0.005	0.04
30206	517330	9051864	Dudu Ck	0.189	8.71
30207	517396	9051848	Dudu Ck	0.011	0.83
30208	516770	9052053	Dudu Ck	<0.005	0.09
30209	516921	9051989	Dudu Ck	0.05	0.17
30210	516962	9051898	Dudu Ck	0.011	0.05
30211	516983	9051857	Dudu Ck	0.011	0.23
30213	516726	9052023	Savada ck	0.008	0.19
30214	516848	9051822	Savada ck	<0.005	0.05
30215	516870	9051515	Savada ck	<0.005	0.06
30217	516935	9051332	Savada ck	0.005	0.11
30218	516928	9051337	Savada ck	0.005	0.36
30220	516822	9051495	Savada ck	0.046	0.89
30224	516723	9051686	Savada ck	0.005	0.07
30231	516831	9052146	Fala Ck	<0.005	0.07
30237	516860	9052150	Fala Ck	<0.005	0.05
30247	517144	9052204	Fala Ck	0.032	0.01
30250	516344	9052754	Kimono Central	0.27	5.8
30253	516666	9052285	Lower Holsiga Ck	0.008	0.1
30256	516552	9052550	Holsiga Creek	0.337	9.53
30257	516591	9052587	Holsiga Creek	0.11	5.47

30258	516588	9052575	Holsiga Creek	0.05	1.09
30269	516597	9052567	Holsiga Creek	1.15	8.27
30270	516544	9052501	Holsiga Creek	0.31	0.94
30271	516624	9052569	Holsiga Creek	0.03	0.52
30272	516601	9052567	Holsiga Creek	0.01	0.03
30273	516686	9052601	Holsiga Creek	0.43	1.30
30274	516674	9052594	Holsiga Creek	0.15	3.05
30275	516638	9052580	Holsiga Creek	0.16	4.78
30277	516840	9052703	Holsiga Creek	0.55	19.70
30282	516871	9052756	Holsiga Creek	0.03	0.31
30283	516901	9052769	Holsiga Creek	0.22	0.77
30285	516652	9052392	Lower Holsiga Ck	0.016	0.17
30286	516695	9052412	Lower Holsiga Ck	0.015	0.09
30289	516841	9052686	Tassy	0.017	0.57
30290	516840	9052685	Holsiga Creek	2.13	2.84
40105	516895	9052667	Iyu Creek	<0.005	0.15
40106	516913	9052655	Iyu Creek	0.014	0.12
40111	516356	9052973	Kimono Central	0.07	0.63
40118	516403	9052947	Kimono Central	1.465	12.35
40119	516401	9052961	Kimono Central	101	110
40125	516426	9052969	Kimono Central	22.2	148
40127	516663	9052413	Kimono Central	0.139	0.51
40130	516387	9053044	Kimono Central	0.258	0.24
40132	516371	9053065	Kimono Central	13.2	33.9
40134	516685	9053046	Suwaitana Ck	0.031	0.07
40135	516692	9053050	Suwaitana Ck	0.077	0.25
40136	516729	9053061	Suwaitana Ck	0.072	0.17
40137	516717	9052979	Suwaitana Ck	0.015	0.06
40143	516535	9052589	Lower Holsiga Ck	0.069	0.28

#### APPENDIX B: Kimono Frontier Rock Float Sampling Results

Sample Number	Easting	Northing	Locality	Au	Ag
30201	517237	9052141	Tassy	<0.005	0.01
30202	517207	9052082	Tassy	0.03	0.29
30205	517324	9051883	Dudu Ck	0.02	3.83
30212	516757	9052046	Savada ck	0.016	3.15
30216	516962	9051284	Savada ck	0.041	0.32
30219	516870	9051383	Savada ck	0.43	30.9
30221	516822	9051665	Savada ck	0.018	0.07
30222	516809	9051664	Savada ck	0.028	0.09
30223	516902	9051646	Savada ck	0.037	0.84
30225	517012	9051772	Along ridge soil line 5	1.62	1.17
30227	516298	9052941	Kimono Central	0.256	0.23
30228	516324	9052947	Kimono Central	4.35	41.5
30229	516319	9052990	Kimono Central	0.936	13.6
30230	516616	9052450	Lower Holsiga Ck	0.013	0.11
30246	517148	9052152	Fala Ck	0.27	0.92
30248	517008	9052199	Fala Ck	1.42	9.09
30251	516358	9052892	Kimono Central	9.66	36.4
30252	516642	9052241	Lower Holsiga Ck	0.01	0.07
30254	516651	9052302	Lower Holsiga Ck	<0.005	0.10
30255	516633	9052305	Lower Holsiga Ck	<0.005	0.05
30276	516807	9052664	Tassy	0.41	39.90
30284	516657	9052360	Lower Holsiga Ck	0.054	0.19
30287	516801	9052430	Lower Holsiga Ck	0.005	0.03
30288	517094	9052426	Tassy	<0.005	0.01
30296	516877	9052649	Tassy	0.082	5.53
40102	516872	9052668	Tassy	0.124	9.16
40103	516798	9052533	Iyu Ridge	0.171	0.12
40104	516702	9052445	Lower Holsiga Ck	0.027	0.49
40107	516997	9052784	Holsiga Ridge	0.01	0.01
40108	516585	9052624	Lower Holsiga Ck	0.005	0.02
40109	516544	9052578	Lower Holsiga Ck	0.028	0.23
40110	516588	9052503	Lower Holsiga Ck	0.008	0.02

40112	516357	9052976	Kimono Central	80.9	40.3
40113	516328	9052939	Kimono Central	1.42	10.25
40116	516391	9052930	Kimono Central	4.01	15.2
40117	516391	9052930	Kimono Central	6.34	131
40126	516430	9052882	Kimono Central	52.7	64.3
40128	516444	9052995	Kimono Central	0.064	0.17
40129	516417	9053019	Kimono Central	0.06	0.44
40131	516369	9053069	Kimono Central	8.43	61.5
40133	516690	9053052	Suwaitana Ck	0.081	0.3
40138	516729	9052401	Lower Holsiga Ck	0.025	0.03
40139	516737	9052389	Lower Holsiga Ck	0.009	0.03
40140	517021	9051759	Along ridge soil line 5	0.011	0.09
40141	516532	9052532	Lower Holsiga Ck	0.005	0.09
40142	516544	9052578	Lower Holsiga Ck	0.039	0.84
40144	517161	9052356	Soil Target2	0.005	0.04
40151	516648	9052446	Lower Holsiga Ck	<0.005	0.18
40152	516719	9052418	Lower Holsiga Ck	0.01	0.16
40153	516607	9052590	Lower Holsiga Ck	0.127	0.38
40154	516607	9052594	Lower Holsiga Ck	0.007	0.17

#### APPENDIX C: Kimono Frontier Trench Sampling Results

Trench ID	Sample ID	Easting	Northing	RL (m)	Location	Au (g/t)	Ag (g/t)
KC-01	30398	516367.76	9053069.30	1591.00	South of Suwaitana creek	4.5	27.4
KC-01	30399	516368.41	9053069.42	1591.00	South of Suwatana creek	2.41	2.85
KC-01	30400	516368.93	9053069.48	1591.00	South of Suwatana creek	0.547	1.05
KC-01	40001	516369.39	9053068.38	1591.00	South of Suwatana creek	2.3	8.04
KC-01	40002	516369.73	9053067.39	1591.00	South of Suwatana creek	1.915	5.42
KC-01	40003	516370.06	9053066.31	1591.00	South of Suwatana creek	2.14	15.35
KC-01	40004	516370.84	9053065.44	1591.00	South of Suwatana creek	1.01	3.09
KC-01	40005	516371.77	9053065.01	1591.00	South of Suwatana creek	2.86	17.9
KC-01	40006	516372.86	9053065.43	1591.00	South of Suwatana creek	1.305	2.4
KC-01	40007	516374.91	9053064.71	1591.00	South of Suwatana creek	0.922	1
KC-02	30369	516319.01	9052990.01	1534.00	Kimono Central	0.294	0.62
KC-02	30370	516319.96	9052990.01	1534.00	Kimono Central	0.055	0.49
KC-02	30371	516320.92	9052989.56	1534.00	Kimono Central	0.052	0.72
KC-02	30372	516321.79	9052989.15	1534.00	Kimono Central	0.249	0.36
KC-02	30373	516322.68	9052988.71	1534.00	Kimono Central	0.027	0.42
KC-03	30374	516323.76	9052957.33	1543.00	Kimono Central	0.052	0.24
KC-03	30375	516324.69	9052957.70	1543.00	Kimono Central	0.098	0.35
KC-04	30391	516348.05	9052976.73	1631.00	Ununa creek	0.048	0.56
KC-04	30392	516346.84	9052977.73	1631.00	Ununa creek	3.13	18.7
KC-04	30393	516346.07	9052978.37	1631.00	Ununa creek	0.047	1.04
KC-05	30394	516353.95	9052971.89	1631.00	Ununa creek	0.023	0.26
KC-06	30395	516400.36	9052959.59	1634.00	Ununa creek	0.902	6.79
KC-06	30396	516400.73	9052960.21	1634.00	Ununa creek	3.45	25
KC-06	30397	516401.11	9052960.83	1634.00	Ununa creek	9.02	10.55
KC-07	30366	516351.31	9052890.27	1495.00	Kimono Central	0.018	0.27
KC-07	30367	516352.98	9052890.36	1495.00	Kimono Central	0.018	0.12
KC-07	30368	516353.37	9052890.38	1495.00	Kimono Central	0.037	0.37
KC-08	30351	516401.02	9052900.27	1608.00	Kimono Central	0.01	0.2
KC-08	30352	516401.84	9052900.83	1608.00	Kimono Central	6.66	13.4
KC-08	30353	516402.73	9052901.44	1608.00	Kimono Central	42.7	60.3
KC-09	30376	516347.01	9052864.83	1546.00	South of Gaiv creek	0.025	0.1
KC-09	30377	516347.03	9052863.82	1546.00	South of Gaiv creek	0.129	0.31
KC-09	30378	516347.02	9052862.77	1546.00	South of Gaiv creek	0.69	0.59
KC-09	30379	516347.60	9052861.90	1546.00	South of Gaiv creek	1.3	0.88
KC-09	30380	516348.16	9052861.12	1546.00	South of Gaiv creek	1.125	0.67
KC-09	30381	516348.72	9052860.30	1546.00	South of Gaiv creek	1.135	0.82

KC-09	30382	516349.27	9052859.47	1546.00	South of Gaiv creek	1.155	0.76
KC-09	30383	516349.86	9052858.64	1546.00	South of Gaiv creek	1.005	0.85
KC-09	30384	516349.78	9052857.65	1546.00	South of Gaiv creek	0.434	0.9
KC-09	30385	516349.65	9052856.69	1546.00	South of Gaiv creek	0.414	0.73
KC-09	30386	516349.55	9052855.74	1546.00	South of Gaiv creek	0.213	1.83
KC-09	30387	516349.47	9052854.77	1546.00	South of Gaiv creek	0.058	0.59
KC-10	30388	516350.23	9052858.76	1633.00	South of Gaiv creek	0.417	0.92
KC-10	30389	516350.65	9052858.89	1633.00	South of Gaiv creek	0.138	0.32
KC-10	30390	516351.04	9052859.00	1633.00	South of Gaiv creek	0.179	0.21
KC-11	30358	516335.36	9052769.91	1539.00	Kimono Central	0.521	19.3
KC-11	30359	516335.62	9052770.75	1540.39	Kimono Central	0.495	5.58
KC-11	30360	516336.18	9052771.25	1541.08	Kimono Central	0.394	0.59
KC-11	30361	516335.89	9052770.95	1542.39	Kimono Central	0.63	0.81
KC-12	30362	516334.97	9052772.82	1543.00	Kimono Central	0.007	0.08
KC-12	30363	516335.96	9052772.09	1543.00	Kimono Central	<0.005	1.35
KC-12	30364	516337.34	9052771.16	1543.00	Kimono Central	0.149	0.26
KC-12	30365	516338.58	9052770.18	1543.00	Kimono Central	0.013	0.1
KC-13	30350	516573.00	9052549.00	1655.00	Target 1 Ridge	0.867	16.65
KC-13	40051	516574.00	9052549.00	1655.00	Target 1 Ridge	4.48	13.8
KC-13	40052	516575.00	9052549.00	1655.00	Target 1 Ridge	0.352	0.61
KC-13	40053	516576.00	9052549.00	1655.00	Target 1 Ridge	0.13	0.33
KC-13	40054	516577.00	9052549.00	1655.00	Target 1 Ridge	0.425	0.63
KC-13	40055	516578.00	9052549.00	1655.00	Target 1 Ridge	0.092	0.13
KC-13	40056	516579.00	9052549.00	1655.00	Target 1 Ridge	1.375	0.2
KC-13	40057	516580.00	9052549.00	1655.00	Target 1 Ridge	4.98	7.4
KC-13	40058	516581.00	9052549.00	1655.00	Target 1 Ridge	0.553	0.18
KC-13	40059	516582.00	9052549.00	1655.00	Target 1 Ridge	0.587	0.08
KC-13	40060	516583.00	9052549.00	1655.00	Target 1 Ridge	0.237	0.12
KC-13	40061	516573.00	9052550.00	1655.00	Target 1 Ridge	0.167	0.09
KC-13	40062	516573.00	9052551.00	1655.00	Target 1 Ridge	0.335	0.13
KC-13	40063	516573.00	9052552.00	1655.00	Target 1 Ridge	0.577	0.19
KC-13	40064	516573.00	9052553.00	1655.00	Target 1 Ridge	0.192	0.09
KC-13	40065	516573.00	9052554.00	1655.00	Target 1 Ridge	0.283	0.18
KC-13	40066	516573.00	9052555.00	1655.00	Target 1 Ridge	0.124	0.14
KC-13	40067	516573.00	9052556.00	1655.00	Target 1 Ridge	0.098	0.33
KC-14	30324	516693.00	9052451.00	1720.00	Helipad Ridge	0.036	0.29
KC-14	30325	516693.00	9052451.00	1720.00	Helipad Ridge	0.023	0.27
KC-14	30326	516693.00	9052451.00	1720.00	Helipad Ridge	0.042	0.23
KC-15	30327	516698.00	9052443.00	1721.00	Helipad Ridge	0.054	0.22
KC-15	30328	516698.00	9052443.00	1721.00	Helipad Ridge	0.051	0.36
KC-15	30329	516698.00	9052443.00	1721.00	Helipad Ridge	0.009	0.15
KC-15	30330	516698.00	9052443.00	1721.00	Helipad Ridge	0.012	0.59
KC-15	30331	516698.00	9052443.00	1721.00	Helipad Ridge	0.022	0.41
KC-15	30332	516698.00	9052443.00	1721.00	Helipad Ridge	0.024	0.43
KC-15	30333	516698.00	9052443.00	1721.00	Helipad Ridge	<0.005	0.27
KC-15	30334	516698.00	9052443.00	1721.00	Helipad Ridge	0.005	0.22
KC-15	30335	516698.00	9052443.00	1721.00	Helipad Ridge	0.012	0.34
KC-15	30336	516698.00	9052443.00	1721.00	Helipad Ridge	0.005	0.28
KC-15	30337	516698.00	9052443.00	1721.00	Helipad Ridge	<0.005	0.17
KC-15	30338	516698.00	9052443.00	1721.00	Helipad Ridge	0.029	0.32
KC-15	30339	516698.00	9052443.00	1721.00	Helipad Ridge	0.006	0.28

KC-15	30340	516698.00	9052443.00	1721.00	Helipad Ridge	0.017	0.32
KC-15	30341	516698.00	9052443.00	1721.00	Helipad Ridge	0.016	0.11
KC-15	30342	516698.00	9052443.00	1721.00	Helipad Ridge	0.029	0.18
KC-15	30343	516698.00	9052443.00	1721.00	Helipad Ridge	0.018	0.36
KC-15	30344	516698.00	9052443.00	1721.00	Helipad Ridge	0.008	0.62
KC-15	30345	516698.00	9052443.00	1721.00	Helipad Ridge	<0.005	0.26
KC-15	30346	516698.00	9052443.00	1721.00	Helipad Ridge	<0.005	0.35
KC-15	30347	516698.00	9052443.00	1721.00	Helipad Ridge	<0.005	0.7
KC-15	30348	516698.00	9052443.00	1721.00	Helipad Ridge	<0.005	0.26
KC-15	30349	516698.00	9052443.00	1721.00	Helipad Ridge	0.006	0.18
KC-16	40036	516635.79	9052381.65	1845.93	Beside Kimono Camp	0.007	0.04
KC-16	40037	516634.81	9052381.44	1845.93	Beside Kimono Camp	<0.005	0.04
KC-16	40038	516633.83	9052381.22	1845.93	Beside Kimono Camp	0.018	0.07
KC-16	40039	516632.86	9052381.01	1845.93	Beside Kimono Camp	0.012	0.04
KC-16	40040	516631.89	9052380.80	1845.93	Beside Kimono Camp	0.009	0.06
KC-16	40041	516630.91	9052380.58	1845.93	Beside Kimono Camp	<0.005	0.04
KC-16	40042	516629.93	9052380.37	1845.93	Beside Kimono Camp	1.42	0.32
KC-16	40043	516628.93	9052380.38	1845.93	Beside Kimono Camp	0.007	0.07
KC-16	40044	516627.93	9052380.39	1845.93	Beside Kimono Camp	0.01	0.09
KC-16	40045	516626.93	9052380.41	1845.93	Beside Kimono Camp	<0.005	0.05
KC-16	40046	516625.93	9052380.42	1845.93	Beside Kimono Camp	0.006	0.06
KC-16	40047	516624.93	9052380.43	1845.93	Beside Kimono Camp	<0.005	0.08
KC-16	40048	516623.93	9052380.44	1845.93	Beside Kimono Camp	0.006	0.08
KC-16	40049	516622.93	9052380.45	1845.93	Beside Kimono Camp	0.005	0.09
KC-16	40050	516621.93	9052380.46	1845.93	Beside Kimono Camp	0.006	0.05
KC-17	30259	516595.00	9052574.00	1601.00	Holsiga Creek	0.81	10.05
KC-17	30260	516595.50	9052574.90	1601.00	Holsiga Creek	4.03	46.30
KC-17	30261	516596.00	9052575.40	1601.00	Holsiga Creek	1.63	18.25
KC-17	30262	516596.90	9052576.00	1601.00	Holsiga Creek	1.27	12.70
KC-17	30263	516597.70	9052576.60	1601.00	Holsiga Creek	0.25	3.45
KC-17	30264	516598.50	9052577.10	1603.00	Holsiga Creek	0.45	3.43
KC-17	30265	516599.20	9052577.60	1603.00	Holsiga Creek	0.33	6.61
KC-17	30266	516600.00	9052578.30	1603.00	Holsiga Creek	0.19	1.85
KC-17	30267	516600.90	9052578.80	1603.00	Holsiga Creek	0.35	4.95
KC-17	30268	516601.70	9052579.40	1603.00	Holsiga Creek	0.15	2.99
KC-18	40120	516392.38	9052973.62		Along Ununa creek	5.89	38.7
KC-18	40121	516393.13	9052973.66		Along Ununa creek	2.24	2.92
KC-18	40122	516393.91	9052973.70		Along Ununa creek	0.327	1.64
KC-18	40123	516394.67	9052973.73		Along Ununa creek	0.249	0.93
KC-18	40124	516395.70	9052973.77		Along Ununa creek	0.324	6.7
KC-19	40114	516329.00	9052939.00		Along Ununa creek	0.75	14.15
KC-19	40115	516328.00	9052939.00		Along Ununa creek	0.109	1.21
KC-20	30226	516355.00	9052880.00		Historical trench 4	0.82	2.74
KC-21	30249	516499.00	9052633.00		Along Iyu creek	0.165	0.22
KP01	30357	516356.28	9052811.18	1547.16	Kimono Central	0.016	0.03
KP-01	30354	516360.00	9052817.00	1550.00	Kimono Central	0.108	0.29
KP-01	30355	516358.97	9052815.28	1549.62	Kimono Central	0.051	0.1
KP-01	30356	516358.07	9052813.60	1548.54	Kimono Central	0.014	0.03
KT-01	30301	516853.65	9052693.28	1749.00	Holsiga Creek	4.69	4.69
KT-01	30302	516852.60	9052694.10	1749.00	Holsiga Creek	2.21	12.05

KT-01	30303	516851.89	9052695.46	1749.00	Holsiga Creek	1.7	4.47
KT-01	30304	516850.64	9052697.59	1749.00	Holsiga Creek	0.017	1.25
KT-01	30305	516853.01	9052693.75	1749.00	Holsiga Creek	<0.005	0.2
KT-01	30306	516851.24	9052696.39	1749.00	Holsiga Creek	<0.005	0.21
KT-01	30307	516852.10	9052694.81	1749.00	Holsiga Creek	<0.005	0.21
KT-02	30308	516863.23	9052689.60	1761.00	Iyu Creek	0.014	0.03
KT-02	30309	516866.27	9052689.87	1761.00	Iyu Creek	<0.005	0.11
KT-02	30310	516865.15	9052689.82	1761.00	Iyu Creek	0.015	0.21
KT-02	30311	516855.95	9052690.86	1761.00	Iyu Creek	0.022	0.06
KT-02	30312	516855.47	9052691.41	1761.00	Iyu Creek	0.084	0.22
KT-02	30313	516854.91	9052692.21	1761.00	Iyu Creek	0.009	0.19
KT-03	30314	516884.00	9052662.00	1755.00	Iyu Creek	0.309	13.15
KT-03	30315	516886.17	9052662.51	1755.00	Iyu Creek	0.076	6.83
KT-04	30316	516868.99	9052655.92	1762.00	Iyu Creek	0.006	0.44
KT-04	30317	516867.58	9052655.57	1762.00	Iyu Creek	0.015	0.43
KT-04	30318	516867.07	9052654.13	1762.00	Iyu Creek	0.023	0.38
KT-04	30319	516868.18	9052654.06	1762.00	Iyu Creek	0.115	1.19
KT-04	30320	516869.35	9052654.10	1762.00	Iyu Creek	<0.005	0.43
KT-04	30321	516870.48	9052654.43	1762.00	Iyu Creek	0.008	0.24
KT-04	30322	516871.29	9052655.00	1762.00	Iyu Creek	0.068	3.19
KT-05	30323	516901.00	9052556.00	1790.00	Iyu Ridge	0.201	0.4
KT-06	30278	516848.53	9052700.15	1698.00	Holsiga Creek	15.50	24.60
KT-06	30279	516848.90	9052699.62	1698.00	Holsiga Creek	1.81	17.65
KT-06	30280	516849.42	9052698.97	1698.00	Holsiga Creek	1.66	27.40
KT-06	30281	516849.93	9052698.40	1698.00	Holsiga Creek	0.14	2.09
KT-07	30232	516841.33	9052146.86		SW from target 3.	0.016	0.26
KT-07	30233	516841.80	9052145.75		SW from target 3	<0.005	0.05
KT-07	30234	516841.52	9052144.59		SW from target 3	0.04	0.04
KT-07	30235	516841.05	9052143.89		SW from target 3	<0.005	0.04
KT-07	30236	516839.39	9052146.81		SW from target 3	0.01	0.09
KT-08	30238	516896.00	9052166.00		SW from target 3	<0.005	0.06
KT-08	30239	516911.46	9052172.70		SW from target 3	0.06	0.71
KT-08	30240	516912.30	9052172.49		SW from target 3	<0.005	0.05
KT-08	30241	516932.80	9052155.49		SW from target 3	0.02	0.11
KT-08	30242	516933.08	9052155.50		SW from target 3	0.03	2.80
KT-08	30243	516933.44	9052155.47		SW from target 3	0.02	0.25
KT-08	30244	516933.93	9052155.47		SW from target 3	0.02	0.41
KT-08	30245	516934.28	9052155.52		SW from target 3	0.39	0.77
KT-09	40016	517005.54	9051789.47	1834.62	Kimono South Soil Line 5	0.09	0.12
KT-09	40017	517005.95	9051788.56	1834.62	Kimono South Soil Line 5	0.101	0.06
KT-09	40018	517006.35	9051787.64	1834.62	Kimono South Soil Line 5	0.325	0.11
KT-09	40019	517006.76	9051786.73	1834.62	Kimono South Soil Line 5	0.034	0.08
KT-09	40020	517007.17	9051785.82	1834.62	Kimono South Soil Line 5	0.05	0.08
KT-09	40021	517007.57	9051784.90	1834.62	Kimono South Soil Line 5	0.033	0.26
KT-09	40022	517007.98	9051784.00	1834.62	Kimono South Soil Line 5	0.021	0.12
KT-09	40023	517008.39	9051783.08	1834.62	Kimono South Soil Line 5	0.035	0.94
KT-09	40024	517008.79	9051782.17	1834.62	Kimono South Soil Line 5	0.273	3.48
KT-09	40025	517009.11	9051781.23	1834.50	Kimono South Soil Line 5	0.06	0.61
KT-09	40026	517009.44	9051780.29	1834.50	Kimono South Soil Line 5	0.45	5.01
KT-09	40027	517009.76	9051779.34	1834.50	Kimono South Soil Line 5	0.081	0.45

KT-09	40028	517010.09	9051778.40	1834.50	Kimono South Soil Line 5	2.82	4.03
KT-09	40029	517010.41	9051777.45	1834.48	Kimono South Soil Line 5	0.077	0.46
KT-09	40030	517010.74	9051776.50	1834.46	Kimono South Soil Line 5	0.174	0.4
KT-09	40031	517011.07	9051775.56	1834.45	Kimono South Soil Line 5	2.8	4.37
KT-09	40032	517011.40	9051774.61	1834.43	Kimono South Soil Line 5	3.91	6.8
KT-09	40033	517011.72	9051773.67	1834.41	Kimono South Soil Line 5	0.795	0.94
KT-09	40034	517012.05	9051772.72	1834.39	Kimono South Soil Line 5	0.992	0.97
KT-09	40035	517012.37	9051771.78	1834.38	Kimono South Soil Line 5	0.185	0.31
KT-10	30300	516871.00	9052682.00	1668.00	Iyu Creek	1.09	119
KT-10	40101	516869.84	9052682.00	1668.00	Iyu Creek	0.07	7.32
KT-11	30297	516880.76	9052654.64	1658.00	Iyu Creek	0.66	35.1
KT-11	30298	516879.46	9052654.11	1658.00	Iyu Creek	0.159	16
KT-11	30299	516879.95	9052654.01	1658.00	Iyu Creek	0.118	6.87
KT-12	30291	516849.46	9052648.51	1656.00	Iyu Creek	2.59	35.3
KT-12	30292	516847.88	9052648.08	1656.00	Iyu Creek	0.33	4.06
KT-12	30293	516848.67	9052647.52	1656.00	Iyu Creek	1.26	2.93
KT-12	30294	516849.72	9052647.82	1656.00	Iyu Creek	0.348	4.02
KT-12	30295	516845.41	9052648.74	1655.00	Iyu Creek	1.14	10.65