# ASX ANNOUNCEMENT



# BONANZA GRADE GOLD IN NEWLY IDENTIFIED QUARTZ VEINS BETWEEN ALOE EUMPEUK AND ALOE REK PROSPECTS

Far East Gold Limited (**FEG** or the **Company**) is pleased to announce that recent detailed mapping and surface rock sampling has **confirmed the occurrence of high-grade quartz veins south of the Aloe Eumpeuk** prospect at the Company's Woyla project. This discovery indicates the potential for the Aloe Eumpeuk prospect area to link up with the Aloe Rek prospect area, which is located to the southwest, **significantly increasing the 13km defined strike length** of the Woyla project's vein system.

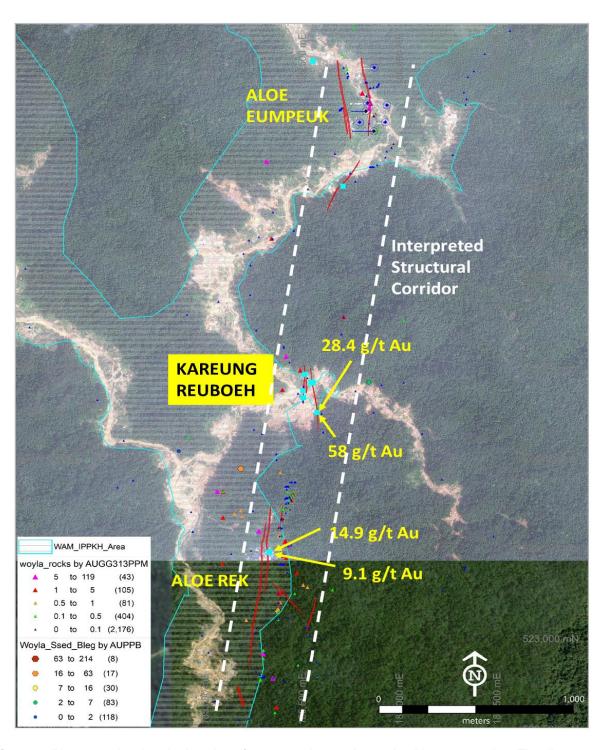
Initial sampling of quartz stockwork veins has returned **bonanza grade assay results**. This is a very significant discovery as the veins were not previously identified by historical exploration and effectively confirms **continuation of the structural corridor between the Aloe Eumpeuk and Aloe Rek** prospect areas and the potential for additional veins within in it.

#### **HIGHLIGHTS:**

- Detailed mapping and rock sampling at the new Kareung Reuboeh prospect approximately
   1.5km south of Aloe Eumpeuk has discovered two quartz veins for which assay results indicate significant Au concentration.
- The veins are 1m and 3m in width and occur within the same interpreted structural corridor that hosts the high-grade Aloe Eumpeuk and Aloe Rek quartz vein systems. Four grab samples of exposed quartz veins and quartz stockwork were collected. Two samples of quartz stockwork veins in silicified andesite wallrock in contact with the 3m wide vein returned grades of 28.4 g/t Au, 8.5 g/t Ag and 58 g/t Au, 27.3 g/t Ag. The two grab samples from the 1m wide quartz vein returned 0.08 g/t and 0.48 g/t Au.
- Additional sampling of exposed quartz veins at the Aloe Rek prospect approximately 1km south
  of Kareung Reuboeh has further confirmed this area as a priority drill target. Grab samples of
  the quartz vein material collected from artisanal mining pits returned assays of 14.9 g/t Au, 22.1
  g/t Ag and 9.1 g/t Au, 20.5 g/t Ag. Both samples show well developed bladed quartz textures
  and contain abundant arsenopyrite and pyrite. The samples also contain high concentrations of
  antimony (Sb) of 640 ppm and 228 ppm. These features are consistent with the veins having
  formed in a high level part of the vein system where high-grade mineralization often occurs.
- The Company continues to drill test the Aloe Eumpeuk and Rek Rinti vein systems and will soon be commencing a detailed UAV magnetic survey over the Rek Rinti prospect area to better define the structural framework hosting the veins and also potential secondary structures that appear to control high-grade Au-Ag mineralisation as seen in the Agam vein zone.

Far East Gold CEO, Mr. Shane Menere commented "The results from recent mapping serve to indicate that there are still plenty of significant discoveries to be made within the Woyla project. The Company will continue to identify drill targets and quickly test them. There is plenty of exploration ahead of us."





**Figure 1**: Plan map showing the location of recent grab samples and gold assay results. The discovery of high-grade mineralisation at the Kareung Reuboeh prospect area confirms the continuation of the interpreted structural corridor that hosts high-grade Au-Ag-bearing quartz veins at Aloe Rek and Aloe Eumpeuk prospects. Together this represents a distance of 2.5km with demonstrated potential to contain high-grade mineralization. One drill is currently testing vein targets within the Aloe Eumpeuk prospect area.







**Figure 2:** Samples collected from the Kareung Reuboeh prospect. **TOP**: from quartz stockwork zone, 1-2m wide, intensely silicified andesite wall rock, 28.42 g/t Au. **BOTTOM**: from quartz stockwork zone, 1-2m wide, intensely silicified andesite wall rock, 58 g/t Au.







**Figure 3:** Samples collected from the Aloe Rek prospect area. **TOP:** quartz vein sample taken from artisanal mining pit, at 20m depth. Vein was 3-5m wide, crystalline quartz with bladed texture, oxidized, 14.9 g/t Au, 22.1 g/t Ag. **BOTTOM:** sample of quartz vein, taken at 20m depth from an artisanal mining shaft. Sample contains abundant arsenopyrite in lower right part of the quartz. 9.1 g/t Au, 20.5 g/t Ag.



#### **COMPETENT PERSON'S STATEMENT**

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by FEG staff and approved by Michael C Corey, who is a Member of the Association of Professional Geoscientists of Ontario, Canada. Michael Corey is employed by the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Michael Corey has consented to the inclusion in this report of the matters based on his information in the form and context in which they appear.

#### ABOUT FAR EAST GOLD

Far East Gold Limited (ASX: FEG) is an ASX listed copper/gold exploration company with six advanced projects in Australia and Indonesia.

The Company's Woyla Copper Gold Project is a 24,260 ha 6th generation Contract of Work located in the Aceh region of North Sumatra, Indonesia. In the Company's opinion this project was one of the most highly prospective undrilled copper gold projects in South-East Asia with the potential to host high grade epithermal and porphyry deposits. FEG holds a 51% interest in the project that will increase to 80% upon the Company's completion of a feasibility study and definition of a maiden JORC resource estimate for the project.

Release approved by the company's board of directors.

#### **FURTHER INFORMATION:**

To receive company updates and investor information from Far East Gold, register your details on the investor portal: https://fareastgold.investorportal.com.au/register/

#### **COMPANY ENQUIRIES**

Paul Walker Chairman

Shane Menere **Chief Executive Officer**  Tim Young **Investor Relations & Capital Markets** 

e: paul.walker@fareast.gold

m: + 61 408 776 145

**MEDIA ENQUIRIES** 

e: shane.menere@fareast.gold m: + 61 406 189 672

+ 62 811 860 8378

m: + 61 484 247 771

e: tim.young@fareast.gold

Sophie Bradley **IR** Executive

**Reach Markets** 

e: IR@reachmarkets.com.au

m: +61 450 423 331

#### **ATTACHMENT X**

### JORC Code, 2012 Edition – Table 1 report SPL1454

#### **Section 1 Sampling Techniques and Data**

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

Criteria	eria in this section apply to all succeeding sections.)  JORC Code explanation	Commentary		
Sampling techniques	<ul> <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> <li>Rock samples were collected from quartz veins exposed on surface and within hand dug artisanal miner pits. Individual samples were comprised as pieces of the vein(s) material chipped the exposure. Effort was made to chip across the vein perpendicular to vein trend. Samples were collected from zones of visible sulphide mineralization and or alteration such as clay-pyrite or manganese.</li> <li>Samples were bagged and tagged with unique numbered assay tags inserted into each sample. The samples were delivered via commercial carrier to Pt. Geoservices Geoassay Mineral Laboratory located in Cikarang, Bekasi, West Java, Indonesia. The samples were oven dried at 105°C, weighed then jaw crushed to 70% less than 2mm, riffle split to obtain 250g, that was then pulverized to &gt;85% passing 75 microns. Two splits were taken from this product, one for analysis the other for QAQC. Each sample was analysed for gold using FAA30 fire assay method using a 30g charge with an AAS finish. Samples containing &gt;50 g/t (ppm) Au were further assayed using the FAGRAV gravimetric method. Ag, base metals and a suite of other elements were estimated by method GA102-ICP, which used an aqua regia digest with ICP-OES finish. Samples containing &gt;100ppm Ag were further assayed using GOA-02 method which was an aqua regia ore grade digest with an AA finish.</li> <li>A single certified reference material and a blank sample were inserted into the submitted sample batch for QAQC purpose.</li> </ul>		
Drilling techniques	<ul> <li>Drill type (eg core, reverse circulation, openhole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, facesampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	<ul> <li>Drilling is being conducted using a wireline, man-portable diamond drill. Core is obtained using PQ (85mm) and HQ (63.5mm) triple tube core barrels. Oriented drill core is obtained using an Axis digital Ori tool.</li> </ul>		

Criteria	JORC Code explanation	Commentary
Drill sample recovery	<ul> <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> <li>All drill core is logged by Company geologist discriminating lithologies and recording pertinent geological observations related to mineralization and alteration.</li> <li>Drilling is conducted using triple tube core barrel and utilising various drilling muds in combination with drill bit type and short core runs to maximize core recovery. The drill company is contractually obligated to obtain 90% core recovery.</li> <li>At this point in the drill program there has not been enough data collected to determine if any sampling bias related to core recovery exists.</li> </ul>
Logging	<ul> <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> <li>All core is digitally logged in its entirety by Company geologists using unique capture codes and in sufficient detail to discriminate lithologies and record all pertinent geological observations related to mineralization, alteration and structural features. The core is also logged with respect to industry standard RQD parameters that record basic geotechnical factors. This data will form the basis for future mineral resource estimation and other deposit studies.</li> <li>High resolution photographs are taken of all core boxes prior to being cut both wet and dry. Photographs are stored for future</li> </ul>

reference.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	<ul> <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 subsampling 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> <li>The analytical methods selected are deemed appropriate for the level of analytica accuracy required at this early stage of exploration. The objective of the sampling was to determine where significant Au-Agmineralization resides within the various textural types of quartz veins and alteration types that occur.</li> <li>Half-core samples were bagged and tagged with unique numbered assay tags inserted into each sample. The samples were delivered via commercial carrier to Pt Geoservices Geoassay Mineral Laboratory located in Cikarang, Bekasi, West Java, Indonesia. The samples were oven dried at 105°C, weighed then jaw crushed to 70% less than 2mm, riffle split to obtain 250g, that was then pulverized to &gt;85% passing 75 microns. Two splits were taken from this product, one for analysis the other for QAQC. Each sample was analysed for gold using FAA30 fire assay method using a 30g charge with an AAS finish. Samples containing &gt;50 g/t (ppm) Au were further assayed using the FAGRAV gravimetric method. Ag, base metals and a suite of other elements were estimated by method GA102·ICP, which used an aqua regia digest with ICP-OES finish. Samples containing &gt;100ppm Agwere further assayed using GOA-02 method which was an aqua regia ore grade digest with an AA finish.</li> <li>A single certified reference material and a blank sample were inserted at the rate of 1 each per 25 core samples. for QAQC purpose.</li> <li>The sample preparation completed at Pt.Geoservices prior to analysis are deemed appropriate for surface rock and drill core samples. Select high grade Au samples will also be analysed using a screen fire assay technique to determine if any coarse Au (+200 mesh) occurs.</li> <li>Drill core is cut in half using a core saw with half core sampled for individual assay Geologists are careful to avoid any sampling bias. Samples are collected at 0.25 to 1m intervals. to optimise understanding of the controls of mineralization with attention given to characterizing the different rock types and types and styles of</li></ul>

#### Quality of assay data and laboratory tests

- 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.

- The sample prep and assay methods utilized by Pt. Geoservices are appropriate for the sample type assayed and level of accuracy required.
- The Company regularly uses an Olympus Vanta portable hand-held XRF analyzer (2022) to screen drill core for mineralization before cutting and sampling. This allows for some understanding of the distribution of mineralization prior to sampling to better ensure that the sampled core is representative of the type and style of mineralization. Numerous readings are obtained and recorded for future reference.
- The hand-held XRF provides
   confirmation that mineralization is
   present however it is not an accurate
   determination of the concentration
   within the sample analysed.
   Limitations include; very small
   sampling window, homogeneity of
   mineralization, penetration depth,
   possible surface effects, etc.
- The results obtained from the hand held pXRF are subject to confirmation by chemical analysis from an independent laboratory.
- The Company employs industry standard QAQC protocols to check the accuracy and bias of reported sample assays. Sample assay failures are indicated if outside of 3 standard deviations. Certified reference material, blanks and sample splits are also tracked over time to determine if any bias.

#### Verification of sampling and assaying

- 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.
- Core is logged by Company geologists with data entered digitally using set data codes for lithology, alteration, mineralization and related rock characteristics.
- Core logging digital data is checked and verified for errors along with core assay data by Company data manager and stored in Access format.
- There is no adjustment of assay data after QAQC determination of pass or fail.

## Location of data points

- Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.
- Specification of the grid system used.
- Drillhole collars and collected field samples are located using hand-held Garmin GPS to a <5m accuracy.</li>
- Drillhole collar locations will also be located by a surveyor using a Trimble GPS unit to a <1m accuracy.</li>

Quality and adequacy of topographic The project datum is UTM WGS 84 -Zone 47N. The Company has resurveyed and confirmed accuracy of historical survey benchmarks on the property for current surveying requirements. Data Data spacing for reporting of The spacing of collected field samples spacing Exploration Results. and the spacing of drill hole collars is and deemed appropriate for the level of Whether the data spacing and distribution the current exploration program and distribution is sufficient to establish initial drilling of selected targets to the degree of geological and grade continuity appropriate for the identify where mineralization occurs. This will be followed by more rigorous Mineral Resource and Ore Reserve estimation procedure(s) and drilling to establish continuity and classifications applied. grade profile within zones of potential resource determination. Whether sample compositing has No physical sample compositing has been applied. been applied aside. Reported assays averaged over are specific, deemed continuous zones if significant. A cut-off of 0.2 g/t Au with a maximum 1m of internal dilution is utilized for determination of a significant assay interval. No top cut of high-grade assays has been done. assay intervals include Where variable sample lengths the sample assays are weighted over the selected interval length to account for the variation. Orientation Whether the orientation of sampling Collected field samples and drill hole of data in locations and drilling parameters are achieves unbiased sampling of relation to possible structures and the extent to set to best obtain representative data geological which this is known, considering the according to the interpreted type and structure deposit type. style and controls of mineralization being tested. Particular effort is made If the relationship between the drilling orientation and the to drill normal to such controlling orientation of key mineralised structures or host stratigraphy to structures is considered to have obtain a near to true width zone introduced a sampling bias, this indication as possible. should be assessed and reported if Downhole core orientations were material. obtained using Axis digital orientation tool. Sample The measures taken to ensure Collected samples were placed in security sample security. sturdy plastic sacks and sealed for transport. Samples are delivered to expeditor and shipped. Any broken bags received by the lab are reported to the Company. This has not happened to date. **Audits or** The results of any audits or reviews The have been no independent audit reviews of sampling techniques and data. or review of sampling protocols.

#### **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> <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> <li>The Woyla project tenement is held in the name of PT Woyla Aceh Minerals (PT WAM), which consists in 80% Woyla Aceh Ltd, 15% Quralon Pte Ltd, 2.5% PT Mutiara Mitramin, 2.5% PT Indo Noble Abadi. PT WAM holds a 6th Generation Contract of Work dated 17 March 1997.</li> <li>The Woyla Contract of Work was under a Mines Department approved state of suspension from exploration activities from 1999-2006 during the prolonged civil conflict in Aceh. An extended moratorium on exploration activities within Aceh has recently been lifted.</li> <li>The Contract of Work (177.K/30/DJB/2018) for the tenement was in voluntary suspension until FEG secured the necessary environmental and land use permits. FEG has recently been granted the environmental permit (PIPPIB) for 7688 ha of the protected forest area. This allows FEG to conduct exploration activities within the permit area under certain conditions.</li> </ul>
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Reconnaissance and detailed geological mapping were completed during 1996 – 1997 by Newcrest Mining and Barrick Gold. A helicopter-borne magnetic and radiometric survey was flown by World Geoscience in 1996. The companies collected stream, soil and rock samples of exposed veins and also completed petrology studies on selected samples.

Criteria	JORC Code explanation	Commentary
Geology  15	Deposit type, geological setting and style of mineralisation.	<ul> <li>The project area sits within the Neogene Gold Belt of Sumatra, characterised by Miocene-Neogene gold intrusion centred mineralisation. Along strike in a NW direction from the project area are the Miwah high-sulphidation gold deposit and Beutong- porphyry and skarn system and along strike to the SE lies the Abong (sediment hosted) and Meluak (high-sulphidation) gold deposits.</li> <li>Previous exploration has identified several low sulphidation, epithermal type Au-Ag bearing quartz/breccia systems hosted within and likely controlled by a series of fault structures related to the Sumatra Fault and emplacement of intrusions. As such, Au-Cu porphyry style, associated skarn and high- sulphidation Au may also be found within the Woyla project area. Downstream from the known veins systems are several alluvial-Au workings (Anu Renguet).</li> </ul>
Drill hole Information	<ul> <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> <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> <li>No previous drilling has been completed.</li> <li>Specific details of all drill holes completed by FEG are reported.</li> </ul>
Data aggregation methods	<ul> <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> <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>	All values are reported as assayed and no equivalent grades (eg. Au Eq) have been included.

Criteria	JC	ORC Code explanation	Со	mmentary
Relation between mineral n width interce lengths	en lisatio • ns and pt	These relationships are particularly important in the reporting of Exploration Results.  If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.  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').	•	The rock samples collected are considered a reflection of the nature of mineralization at the point of sampling. Aside from a visual estimation at the time of sampling no accurate determination of vein widths was made.  The Company does distinguish between downhole length and true width (apparent) and reports each as necessary.  Drill core is cut in half using a core saw with half core sampled for individual assay. Geologists are careful to avoid any sampling bias. Samples are collected at 0.25 to 1m intervals. to optimise understanding of the controls of mineralization with attention given to characterizing the different rock types and types and styles of mineralization and alteration that occur.
Diagra	ms •	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.	•	Pertinent maps and sections are included in the corporate release of sample results
Balance		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.	•	Reporting is fully representative of the data.

Section 3 does not apply as the information regarding the mineral resource was prepared and first disclosed under the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. It has not been updated since to comply with the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' on the basis that the Company is not

commercially sensitive.

scope of future drilling and property wide

exploration.

aware of any new information or data that materially affects the information and, in the case of the resource estimate, all material assumptions and technical parameters underpinning the estimate continue to apply and have not materially changed. Section 4 does not apply as reserve estimates are not being disclosed at this time and Section 5 does not apply as this section relates to the reporting of diamonds and other gemstones.