



**ASX Announcement**

**28<sup>th</sup> April 2020**

## **Further High Grade Gold near Devon Hill East - Lake Carey Gold Project**

### **Highlights**

- *Drilling carried out at Hill East, at 6 gold targets has highlighted potential for near-term mining of shallow gold mineralisation*
- *Four of the Hill East, targets namely HE 1 – HE 4 are located within a well defined gold geochemical anomaly with potential for significant gold mineralisation at depth*
- *RC Drilling has returned significant gold intercepts from 5 of the 6 targets tested including:*

**HE 4**    **5m @ 4.01 g/t Au** *from 6m*  
          **9m @ 3.04 g/t Au** *from surface*  
          **12m @ 1.96 g/t Au** *from 2m*  
          **6m @ 3.43 g/t Au** *from 15m*  
          **3m @ 6.82 g/t Au** *from 15m*

**HE 2**    **4m @ 3.29 g/t Au** *from 4m*  
          **7m @ 1.53 g/t Au** *from 20m*

**HE 1**    **27m @ 2.04 g/t Au** *from 2m*  
          **3m @ 2.23 g/t Au** *from 28m*

**HE 5**    **4m @ 6.3 g/t Au** *from 13m*  
          **13m @ 1.86 g/t Au** *from surface*

- *These results being of shallow depth strongly support the potential for near-term development opportunity close to Matsa's Red October and Devon gold mines*
- *Ground geophysical surveys and further drilling are planned to evaluate both the development opportunity and the potential for mineralisation at depth*

### **CORPORATE SUMMARY**

#### **Executive Chairman**

Paul Poli

#### **Director**

Frank Sibbel

#### **Director & Company Secretary**

Andrew Chapman

#### **Shares on Issue**

226.92 million

#### **Unlisted Options**

~26.35 million @ \$0.17 - \$0.25

#### **Top 20 shareholders**

Hold 52.85%

#### **Share Price on 27<sup>th</sup> April 2020**

12.5 cents

#### **Market Capitalisation**

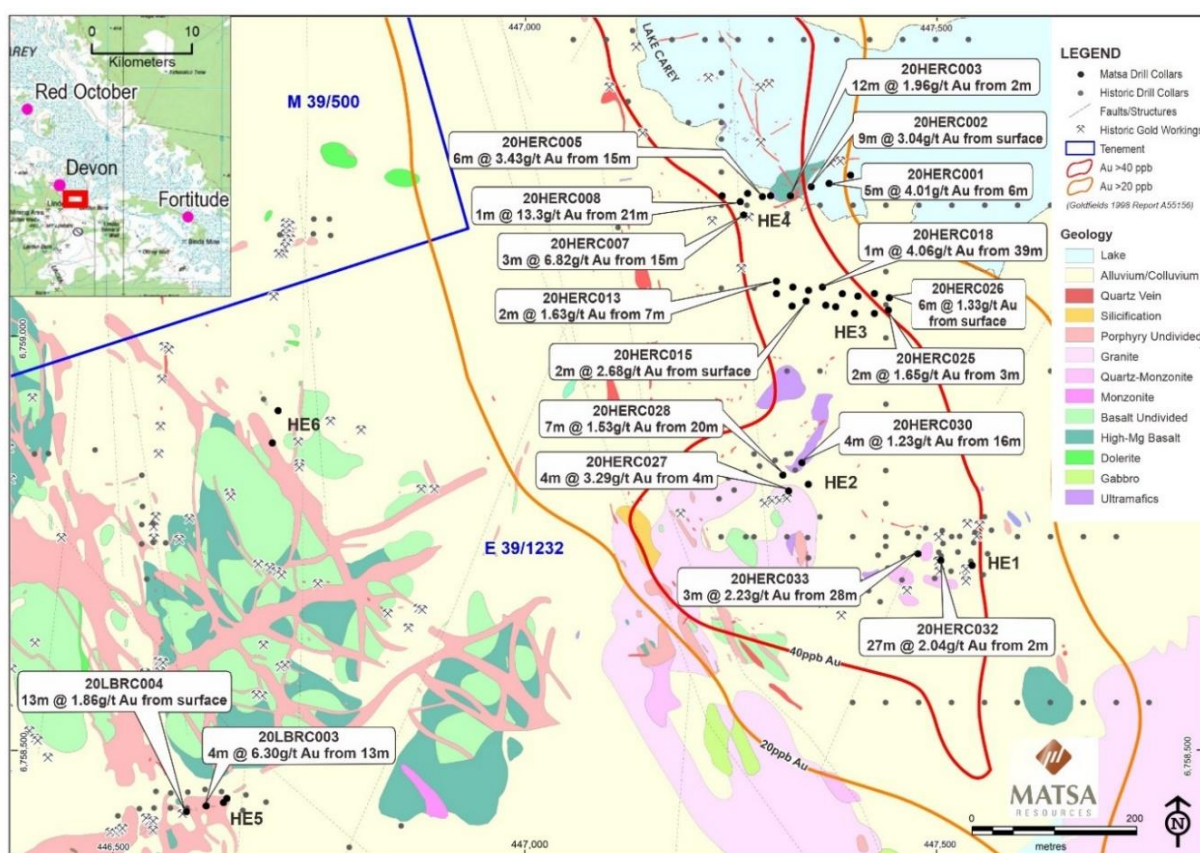
\$28.36 million

Matsa Resources Limited ("Matsa" or "the Company" ASX: MAT) is pleased to announce results from its February 2020 RC drilling at Hill East, which is located within 2km of Matsa's Devon gold mine and 10km SSE of Matsa's Red October gold mine (Figure 1).

## Significant New Drilling Results

Significant near-surface gold intercepts were returned in 5 of the 6 targets and include the following:

Target HE4	5m @ 4.01 g/t Au from 6m	(20HERC001)
	9m @ 3.04 g/t Au from 0m	(20HERC002)
	12m @ 1.96 g/t Au from 2m	(20HERC003)
	6m @ 3.43 g/t Au from 15m	(20HERC005)
	2m @ 7.14 g/t Au from 7m	(20HERC007)
	3m @ 6.82 g/t Au from 15m	(20HERC007)
	1m @ 13.3 g/t Au from 21m	(20HERC008)
Target HE2	4m @ 3.29 g/t Au from 4m	(20HERC027)
	7m @ 1.53 g/t Au from 20m	(20HERC028)
Target HE1	27m @ 2.04 g/t Au from 2m	(20HERC032)
	3m @ 2.23 g/t Au from 28m	(20HERC033)
Target HE3	2m @ 2.68 g/t Au from 0m	(20HERC015)
	1m @ 4.06 g/t Au from 39m	(20HERC018)
	6m @ 1.33 g/t Au from 0m	(20HERC026)
Target HE5	4m @ 6.3 g/t Au from 13m	(20LBRC003)
	13m @ 1.86 g/t Au from 0m	(20LBRC004)



**Figure 1: Hill East Geology and Drill Hole Summary**

Hill East is located 2km SE of the Devon gold mine, 6km west of Fortitude gold mine, 9km SW of Fortitude North and 10km S of Red October gold mine which emphasises the significant number of nearby gold deposits at Matsa's Lake Carey project.

Results from this drilling programme provide strong encouragement, both to continue to evaluate near-term development potential of shallow gold mineralisation, as well as to continue exploration for associated deeper gold mineralisation. These targets are well located for consideration as potential satellite operations, which could take advantage of Matsa's existing Red October infrastructure and ore treatment options.

Each of the exploration targets at Hill East, are typically ~200m long and comparatively close spaced (20 - 30m hole spacing's). RC drilling was carried out with the objective of determining continuity and extents of shallow mineralisation outlined by previous drilling and which are intermittently exposed in historic workings.

It is noteworthy that the four eastern targets tested, namely HE 1 – HE 4 are located within a well defined auger soil gold anomaly (Figure 1) with maximum values in soil of up to 0.5 g/t Au (*Geochemistry sourced from previous exploration as described in Appendix 1*).

## Gold Mineralisation at Hill East

The Hill East group of exploration targets are a subset of the extensive historic Linden gold workings and include small scale historic workings which have been the focus of mostly shallow drilling by previous explorers. The Hill East targets are located 2km south of Devon and 10km south of Red October. Gold mineralisation is associated with auriferous quartz veins in a background of complexly deformed basalts, dolerites, ultramafics and minor sediments, which have been extensively intruded by felsic porphyry sills and dykes. Basement rocks at Hill East are variably weathered with a thin veneer of unconsolidated, mostly residual cover.

The four eastern targets (HE 1 - HE 4), are the focus of a very strong NS oriented 1.5km long gold geochemical anomaly (Figure 1). Further exploration including ground geophysical surveys is planned to explore this target for a much larger, deeper body of gold mineralisation associated with the small near surface deposits currently under investigation (Figure 2).

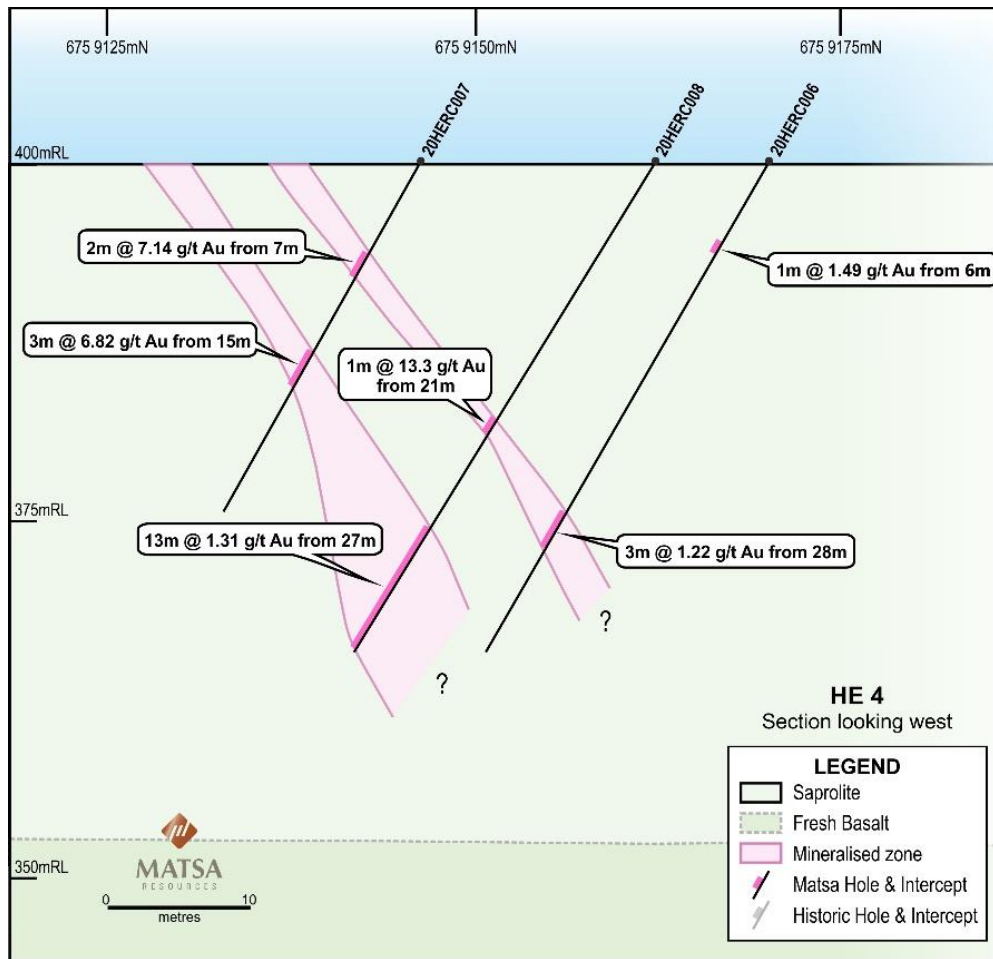
Previous exploration at Hill East includes aircore, RC and diamond drilling with most of the work carried out by Haoma Northwest during the 1980's and more recently by Anova Metals Ltd (formerly Exterra Resources Ltd) prior to Matsa's acquisition of the Linden project in 2019. Salient aspects of previous exploration are provided in Appendix 1, while historic intercepts >0.5 g/t Au are listed in Appendix 4. Previous drill collar locations are summarised in Figure 1 and referenced in Figures 2 - 5.

## HE 4

Matsa believes this target to be the most interesting of the targets drilled, comprises shallow gold mineralisation associated with an E - W striking set of quartz veins in deeply weathered basalt as defined by shallow historic workings with only very limited previous drilling. Previous results included a number of significant intercepts including **10m @ 2.23 g/t Au from 20 metres** in RC drill hole HLP020.

A total of 10 drill holes for 388m were completed at approximately 20 metre centres over approximately 160m of strike to test continuity of shallow mineralisation and to rank the potential for near-term development (Figure 1, Figure 2).

Drilling achieved numerous highly significant gold intercepts including **9m @ 3.04 g/t Au** from surface (20HERC02) and has demonstrated good continuity of mineralisation at shallow depth. These excellent results confirm this target as a potential near term development opportunity.



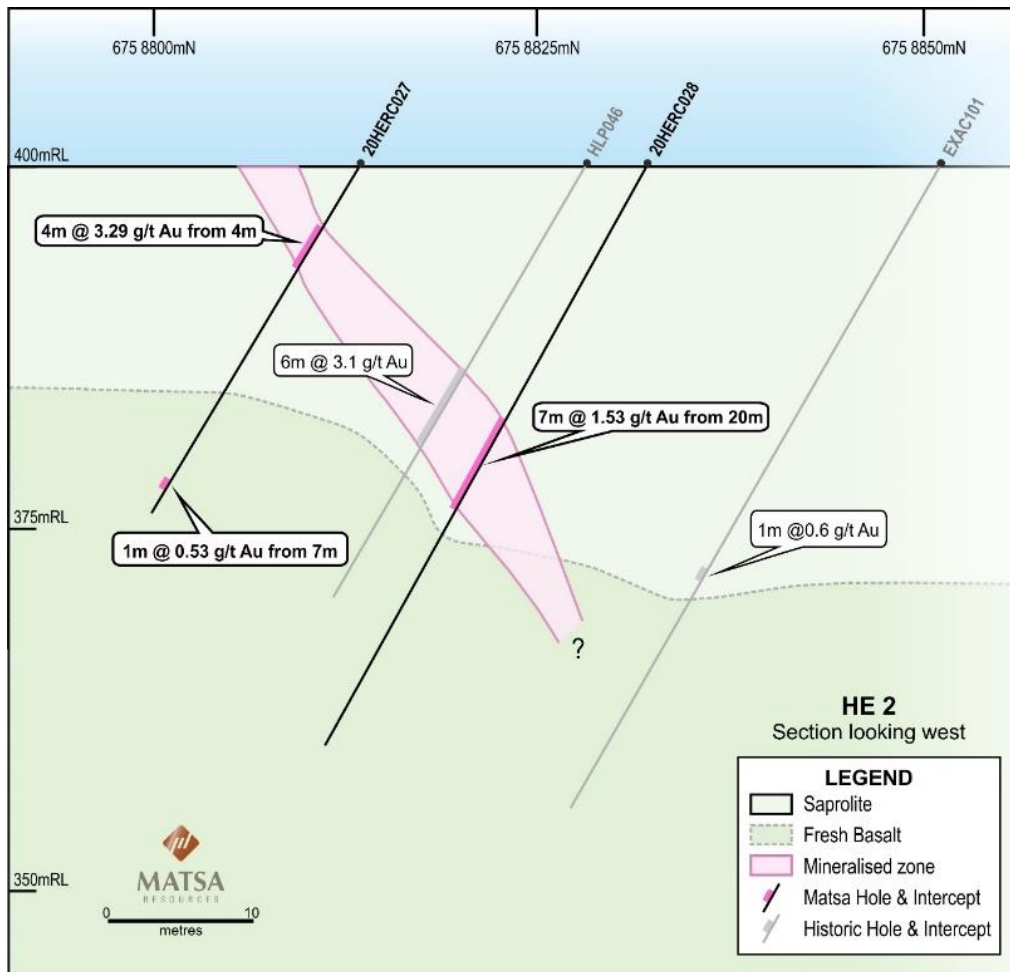
**Figure 2: HE 4 Summary Cross Section (New drilling bold, intercepts in pink)**

## HE 2

A total of 4 drill holes were completed for 154m at this prospect which is located approximately 150m west of HE 1 (Figure 2). Gold mineralisation is associated with sheeted quartz veins in deeply weathered mafic volcanics, with veins oriented approximately E - W. As with HE 1, drilling was carried out to validate intercepts in previous drilling which include **5m @ 3.37 g/t Au** from 33 metres in RC drill hole EXAC100.

Recent drilling has identified significant gold mineralisation at shallow depth as shown in Figure 5, including **7m @ 1.53 g/t Au** from 2m in 20HERC026. These results validate previous drilling and further drilling is planned.





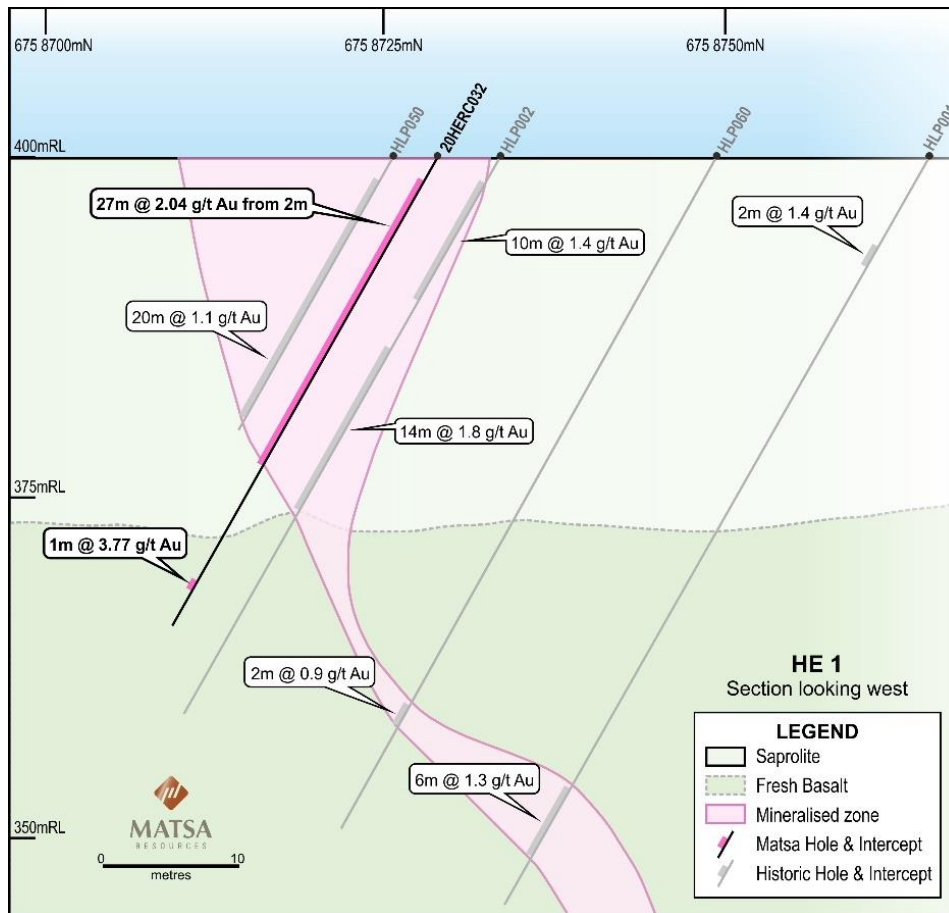
**Figure 3: HE 2, Summary Cross Section (New drilling bold, intercepts in pink)**

## HE 1

Gold mineralisation is associated with a complex irregular stockwork of auriferous quartz veins with individual veins up to ~2m thick in weathered basalt and felsic porphyry. Previous drilling intersected broad intercepts of gold mineralisation at shallow depth with minor historic workings over a strike extent of ~180m. Previous intercepts include **16m @ 4.78 g/t Au** from 4 metres in RC drill hole HLP33.

A total of 3 drill holes were completed for a total of 172m, with the objective of validating the results reported from previous drilling and to rank this target as a small near-term development opportunity.

Drilling has emphatically confirmed the presence of a significant zone of gold mineralisation with broad supergene intercepts at shallow depth as shown in Figure 4, including **27m @ 2.04 g/t Au** from a depth of 2m in drill hole 20HERC032.



**Figure 4: HE 1, Summary Cross Section (New drilling bold, intercepts in pink)**

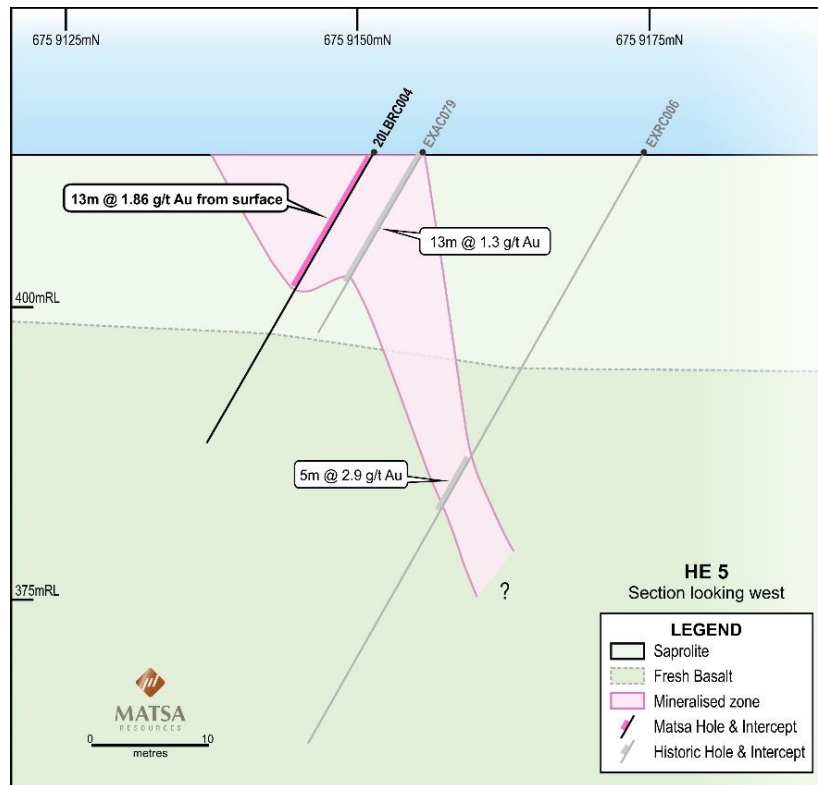
### HE 3

Gold mineralisation was outlined by previous drilling over an E - W strike extent of >200m in an area of minimal outcrop. Intercepts in previous drilling include **3m @ 4.93 g/t Au** from 40 metres in RC drill hole SLRC042. Gold mineralisation is associated with anastomosing quartz veins in deeply weathered mafic volcanics. A total of 16 close spaced RC drill holes for 572m of drilling were completed over a strike extent of 140m. Drilling was designed to test continuity of shallow gold mineralisation and to rank this target as a near term development opportunity. While the recent drilling returned a number of significant intercepts at shallow depth including **6m @ 1.33 g/t Au** from surface (20HERC026), results generally downgraded this target for near-term development.

### HE 5

HE 5 is located ~1km WSW of HE 1, in an area of outcropping basalt and porphyry (Figure 2). Gold mineralisation is associated with a sub-vertical EW trending quartz vein set with a number of small historic workings. Veins are hosted in moderately weathered to fresh mafic volcanics and felsic porphyry dykes, with gold mineralisation intersected by previous drilling over a strike extent of ~120m, with a number of significant intercepts including **4m @ 3.79 g/t Au** from 9 metres in aircore drill hole EXAC080.

Recent drilling comprised a small programme of 4 shallow drill holes for a total of 84m. Significant gold mineralisation was intersected at shallow depth in two of the 4 holes including **4m @ 6.3 g/t Au** from 13m. A summary cross section is shown in Figure 6. Drilling results have validated earlier drilling and it is planned to carry out further drilling to test potential for near term development.



**Figure 5: HE 5 Summary Cross Section (New drilling bold, intercepts in pink)**

## HE 6

This target is located approximately 600m west HE 2 and comprises gold mineralisation associated with a NE - SW trending of steeply dipping weakly developed quartz/carbonate veins in basalt. Very shallow historic workings and very limited previous drilling have indicated potential for shallow gold mineralisation. Two drill holes were completed for 120m. No significant mineralisation was intersected and this target has been downgraded.

## RC Drilling Programme February 2020

Drill hole setup, logging, sampling and assay protocols are described in Appendix 1. Salient aspects of past drilling at Hill East are also summarised in Appendix 1, with key intersections listed in Appendix 4.

Assay results from the February RC drilling programme all relate to 1m split samples. Drill collar setup information is listed in Appendix 2 and assay intercepts >0.5g/t Au are listed in Appendix 3.

First pass gold assays were carried out on 3m composite samples and subsequently individual 1m split samples through all significant composite intervals with >0.1 g/t Au , were assayed and form the basis for this report.

## Next Steps

Ground geophysical surveys are planned to cover the 1.8km long geochemical target which encloses the HE 1 – HE 4 targets as a first step in developing drill targets for gold mineralisation at depth. This target remains untested by the predominantly shallow drilling carried out to date.

Additional RC drilling is planned to evaluate potential for near surface gold mineralisation amenable to near term development.

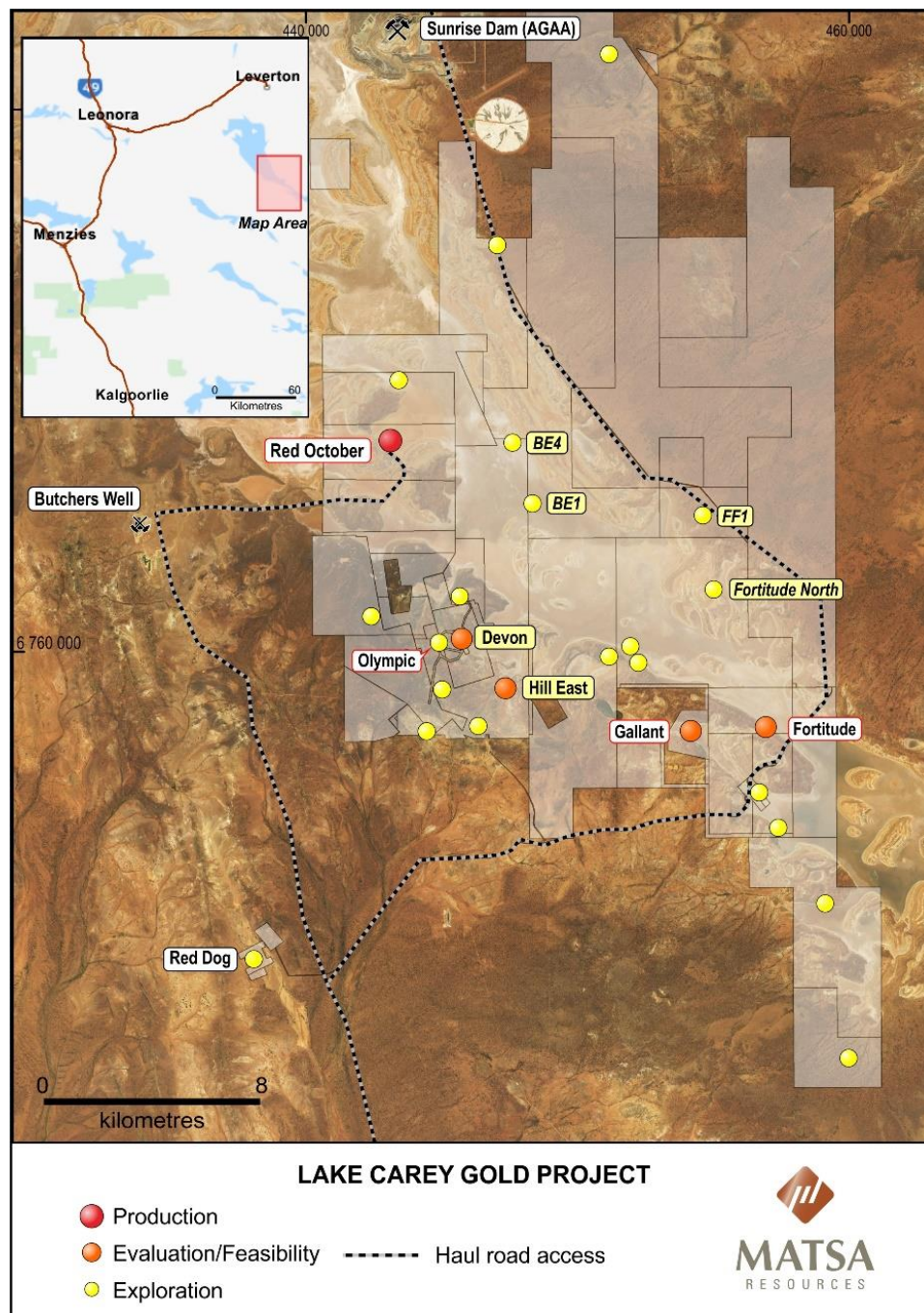
A Mining Lease application will be submitted over the tenement to provide for later mining access.

## Background: Matsa's Lake Carey Gold Project

Matsa holds a significant ground position of 563km<sup>2</sup> at Lake Carey which is highly prospective for new gold discoveries. The Company is committed to becoming a mid-tier gold mining company through its production at the Red October underground gold mine and with the near-term commencement of Stage 2 open-pit gold mining at Fortitude gold mine.

Matsa also sees substantial opportunities for further discoveries in favourable structural and stratigraphic settings within the Lake Carey Project area which remain relatively under-explored.

Matsa's discovery at Fortitude North and earlier discoveries along the Bindah Fault as well as production history at Red October and Devon, provide strong support for Matsa's belief that there are significant areas which remain under-explored since the discovery of Sunrise Dam in 1988.



**Figure 6: Lake Carey Project**



This ASX report is authorised for release by the Board of Matsa Resources Limited.

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**Competent Person**

*The information in this report that relates to Exploration results, is based on information compiled by David Fielding who is a Fellow of the Australasian Institute of Mining and Metallurgy. David Fielding is a full time employee of Matsa Resources Limited. David Fielding has sufficient experience which is relevant to the style of mineralisation and the type of ore deposit under consideration and 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'. David Fielding consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

## Appendix 1 - Matsa Resources Limited – Hill East Drilling

### 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"> <li><i>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.</i></li> <li><i>Measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li><i>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.</i></li> </ul>	<p>RC drill cuttings sampled at 1m intervals through cone splitter into numbered bag. Bulk residues stacked on the ground with one metre split sample on top. Composites Samples ~3kg in weight representing 3m downhole intervals were hand scooped from bulk residue submitted for gold-only assay.</p> <p>Composite samples are poorer quality samples than the cone split 1m samples, but are used to identify mineralised intervals. Consequently, 1m cone splits from selected composite intervals (usually &gt;0.1 g/t Au) were submitted for assay and form the basis for the results in this announcement. Where several composite samples return &gt;0.1 g/t, any intermediate composited intervals which did not assay &gt;0.1 g/t Au within the “run” are also selected for assay of 1m splits. Fire Assay AAS finish (ALS code AuAA25).</p> <p>Detection limit 0.01ppm Au. No special measures were taken to account for coarse gold.</p> <p>Historic drilling is reported to be largely 2m samples with selected 1m intervals all data sourced from reports filed under DMIRS WAMEX report system.</p>
Drilling techniques	<ul style="list-style-type: none"> <li><i>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.).</i></li> </ul>	<p>Drilling was carried out using a Moorooka (rubber track mounted) RC rig. Drilling employed a face sampling RC system with sampling carried out through a cyclone and cone splitter which was cleaned regularly. Drilling made use of an air booster when required.</p> <p>Historic drilling comprised RAB, AC, RC and Diamond drilling. Only AC, RC and Diamond drilling are reported herein as low confidence is given to the reliability of RAB sampling and the RAB drilling is generally very shallow (&lt;3m) and not representative of mineralisation at depth.</p>

Criteria	JORC Code explanation	Commentary
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> </ul>	Sample recovery as determined by bulk residue volume was consistent and sufficient for an evaluation drilling programme. No recovery data for historic drilling was noted.
	<ul style="list-style-type: none"> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> </ul>	Every effort made to clean sample system at the end of each 3m rod. Hand sampling of composites by scoop was carried out carefully to avoid any contamination by soil.
	<ul style="list-style-type: none"> <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>	Not regarded to be an issue with this programme.
Logging	<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> </ul>	Simple qualitative geological logs using standard geological coding sheets. Historic data is generally logged for the entire drill interval. Data for some holes has not been able to be recovered.
	<ul style="list-style-type: none"> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> </ul>	Logging is qualitative in nature.
	<ul style="list-style-type: none"> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	Logging was carried out on all RC cuttings. Historic data is generally logged for the entire drill interval
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> </ul>	Non core. Historical drilling includes one diamond drill hole. No data is available but it is assumed core was cut in line with typical practices of the time.
	<ul style="list-style-type: none"> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> </ul>	Composite samples were scooped from bulk residue piles. 1m samples bagged at cyclone through rotary cone splitter. No data is available for historical drilling.
	<ul style="list-style-type: none"> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> </ul>	Sample prep in commercial Lab is standard for all assay procedures, whereby sample is dried, homogenized and pulverised. Historic sampling was processed by commercial laboratories in Kalgoorlie/Perth.
	<ul style="list-style-type: none"> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples</li> </ul>	QA QC samples were submitted with composite samples. Individual 1m splits within and adjacent to composite intervals returning >0.1 g/t gold. QA/QC data for historical work is not reported.
	<ul style="list-style-type: none"> <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> </ul>	Scooped 3m composites may be biased but individual 1 metre samples are continuous rotary cone split samples and as such are expected to be highly representative of in situ mineralisation. Unknown for historical data.

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	Sample weights of ~3kg documented are adequate for fine gold. No screen fire assays were carried out. Unknown for historical data.
Quality of assay data and laboratory tests	<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> </ul>	Samples were dispatched for low level gold determination by 30g Fire Assay with AAS finish which is an industry standard process. Assay accuracy determined by laboratory QACQ process. Very high grade gold assay values were subjected to appropriate determinations prior to reporting. Unknown for historical data.
	<ul style="list-style-type: none"> <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> </ul>	Not applicable.
	<ul style="list-style-type: none"> <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>	Standards, duplicates and blanks were inserted in the composite sample batch at a ratio of approximately 1:10. Unknown for historical data.
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> </ul>	Individual 1m splits were submitted for analysis following anomalous 3m composites. All assay and sampling procedures verified by Company personnel. All results reviewed by senior personnel.
	<ul style="list-style-type: none"> <li>The use of twinned holes.</li> </ul>	No twinned holes carried out. Unknown for historical data.
	<ul style="list-style-type: none"> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> </ul>	Geological and sampling data recorded on Toughbook in the field to minimise transcription errors. Hole locations recorded on GPS and compared to plan prior to upload to database. Historical data was hand recorded on logging sheets with assay results appended upon receipt.
	<ul style="list-style-type: none"> <li>Discuss any adjustment to assay data.</li> </ul>	No adjustments are made to data.
Location of data points	<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> </ul>	Collar location surveyed by hand held GPS to an accuracy of +/-5m. RC drill holes were set up at surface using a compass and clinometer. Downhole measurements of azimuth, dip and total magnetic intensity were carried out using an Eastman Multishot camera at ~30m intervals and manually recorded on daily drill records. Downhole surveys have been incorporated into the interpretive cross section in the body of the report.
	<ul style="list-style-type: none"> <li>Specification of the grid system used.</li> </ul>	GDA94 UTM co-ordinate system Zone 51. Survey data methods for historic data are unknown.



Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li><i>Quality and adequacy of topographic control.</i></li> </ul>	+10m from AHD has been assumed for regional exploration holes used in designing the follow up programme.
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> </ul>	RC drilling was designed as first pass to test mineralization and as a validation of past drilling at the HE 1, HE 2, HE 5 and HE 6 targets with no specific spacing was considered in planning. Close spaced approximately 20m x 20m intervals were used for HE 3 and HE 4 where comparatively little previous drilling had been carried out, the objective was both to validate historic data and to determine continuity of shallow mineralization. Historical drill spacing varied from 10m spacing over known quartz veins to first pass reconnaissance spacing of 1 – 2 holes per target.
	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	No resource or reserve estimation was carried out.
	<ul style="list-style-type: none"> <li><i>Whether sample compositing has been applied.</i></li> </ul>	Samples above 0.5 g/t Au have been composited and reported as individual intervals
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> <li><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> </ul>	Most holes were drilled perpendicular to the interpreted strike direction. Most historic holes have been drilled approximately perpendicular to strike. A number of early historic holes have been drilled at low angle to the geology and results should be treated with caution.
	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	Drilling orientation unlikely to be biased except for some historical holes.
<i>Sample security</i>	<ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>	Samples are delivered to the laboratory by Matsa Staff. No special security procedures are carried out in the field.
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	No audit carried out yet.

## 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 license to operate in the area.</li> </ul>	Exploration was carried out over the following tenements: E39/1232 which is held 100% by Matsa Gold Pty Ltd. There are no known impediments to operate.
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	Limited drilling was completed in the 1980s. Previous drilling was carried out by a variety of companies, mainly Haoma Resources and later Exterra Resources to a limited extent.
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	The deposit comprises high grade sulphide quartz lodes. The style of mineralization is Orogenic Gold, with mineralization occurring at or about peak deformation and metamorphism of the Archaean Host sequence which comprise mostly mafic ultramafic volcanics that have been intruded by a suite of small felsic porphyry bodies.
<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>	<p>Drill hole information is summarized in the report, with collar location setup information and diagrams in the body of the report, assays &gt;0.5 g/t Au are included as Appendix 2. Significant assays are presented in the body of the report. Reference is made to historic drilling, which has been summarized in the body of the report.</p> <p>No significant information was excluded.</p>
<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>	Quoted intercepts are based on amalgamations of individual 1m split samples sometimes. Aggregates are reported as weight averages of individual assay results. Historic results are either 1 or 2m intervals. Historic aggregates have

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>	been weighted averaged.
<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>	<p>All intercepts quoted relate to downhole depth and true widths have not been quoted.</p> <p>Hill East lodes are interpreted to be dilation vein sets with varying strike orientations. Drilling has been oriented to be approximately perpendicular to the strike of each vein set.</p> <p>Intercepts are expressed in downhole metres.</p>
<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>	Appropriate plans and sections have been used to illustrate the results in a meaningful way.
<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>	All drilling information from 2020 was used. Historical AC, RC and diamond drill data was used. RAB data was omitted due to its lower confidence and the shallow nature (<3m) not providing any context for this report.
<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>	The review made use of publicly available aeromagnetics and drilling. Geochemistry data acquired by the Goldfields Haoma JV in 1997-1999 was obtained from open file reports A55156 and A59636. Sampling was carried out using a vehicle mounted power auger at nominal depths ~1.2m but avoiding the top 20cm. Assay by Analabs Perth for gold by Aqua Regia digest AAS to 1ppb for Au and 1ppm As. Samples all assayed for Cu, Ag and Ni.
<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>	<p>A complete revision of geological model is underway in order to determine the most appropriate follow up drilling programme.</p> <p>Potential depth extensions of the lode zone are shown in Sections.</p>

**Appendix 2 – Hill East 2020 RC Drill Collar Information**

Project	Hole_ID	Hole_Type	Max_Depth	Orig_Grid_ID	Orig_East	Orig_North	Orig_RL
Hill East	20HERC001	RC	34	MGA94_51	447369	6759184	400
Hill East	20HERC002	RC	34	MGA94_51	447347	6759180	400
Hill East	20HERC003	RC	34	MGA94_51	447322	6759169	400
Hill East	20HERC004	RC	46	MGA94_51	447298	6759169	400
Hill East	20HERC005	RC	40	MGA94_51	447288	6759168	400
Hill East	20HERC006	RC	40	MGA94_51	447270	6759172	401
Hill East	20HERC007	RC	28	MGA94_51	447265	6759146	401
Hill East	20HERC008	RC	40	MGA94_51	447261	6759162	400
Hill East	20HERC009	RC	58	MGA94_51	447239	6759169	401
Hill East	20HERC010	RC	34	MGA94_51	447395	6759194	400
Hill East	20HERC011	RC	40	MGA94_51	447325	6759059	401
Hill East	20HERC012	RC	34	MGA94_51	447305	6759051	401
Hill East	20HERC013	RC	40	MGA94_51	447305	6759066	402
Hill East	20HERC014	RC	28	MGA94_51	447324	6759036	402
Hill East	20HERC015	RC	28	MGA94_51	447341	6759042	402
Hill East	20HERC016	RC	40	MGA94_51	447344	6759055	402
Hill East	20HERC017	RC	28	MGA94_51	447365	6759037	402
Hill East	20HERC018	RC	40	MGA94_51	447361	6759059	402
Hill East	20HERC019	RC	28	MGA94_51	447377	6759035	402
Hill East	20HERC020	RC	46	MGA94_51	447385	6759051	402
Hill East	20HERC021	RC	28	MGA94_51	447400	6759027	402
Hill East	20HERC022	RC	44	MGA94_51	447404	6759048	402
Hill East	20HERC023	RC	34	MGA94_51	447424	6759027	402
Hill East	20HERC024	RC	40	MGA94_51	447424	6759051	402
Hill East	20HERC025	RC	34	MGA94_51	447441	6759031	402
Hill East	20HERC026	RC	40	MGA94_51	447442	6759046	402
Hill East	20HERC027	RC	28	MGA94_51	447320	6758813	402
Hill East	20HERC028	RC	46	MGA94_51	447313	6758832	402
Hill East	20HERC029	RC	34	MGA94_51	447344	6758821	402
Hill East	20HERC030	RC	46	MGA94_51	447336	6758847	402
Hill East	20HERC031	RC	46	MGA94_51	447543	6758723	402
Hill East	20HERC032	RC	40	MGA94_51	447505	6758729	402
Hill East	20HERC033	RC	40	MGA94_51	447477	6758737	402
Hill East	20HILLRC001	RC	80	MGA94_51	446693	6758871	408
Hill East	20HILLRC002	RC	40	MGA94_51	446700	6758910	407
Hill East	20LBRC001	RC	16	MGA94_51	446634	6758437	423
Hill East	20LBRC002	RC	20	MGA94_51	446638	6758442	422
Hill East	20LBRC003	RC	20	MGA94_51	446613	6758433	422



**Appendix 3 – Hill East 2020 RC Drilling Intercepts >0.5 g/t Au**

*Intercepts >0.5 Au with intercepts including less than 2m at <0.5 g/t Au*

Hole	From (m)	To (m)	Thick(m)	Au ppm	Target	Previous Reference	Intercept
20HERC001	1	3	2	1.75	HE4	Hill East No 2 Lode	2m @ 1.75 from 1m (20HERC001 HE4)
20HERC001	6	11	5	4.01	HE4	Hill East No 2 Lode	5m @ 4.01 from 6m (20HERC001 HE4)
20HERC002	0	9	9	3.04	HE4	Hill East No 2 Lode	9m @ 3.04 from 0m (20HERC002 HE4)
20HERC003	2	14	12	1.96	HE4	Hill East No 2 Lode	12m @ 1.96 from 2m (20HERC003 HE4)
20HERC004	3	4	1	0.72	HE4	Hill East No 2 Lode	1m @ 0.72 from 3m (20HERC004 HE4)
20HERC005	0	4	4	1.12	HE4	Hill East No 2 Lode	4m @ 1.12 from 0m (20HERC005 HE4)
20HERC005	15	21	6	3.43	HE4	Hill East No 2 Lode	6m @ 3.43 from 15m (20HERC005 HE4)
20HERC006	6	7	1	1.49	HE4	Hill East No 2 Lode	1m @ 1.49 from 6m (20HERC006 HE4)
20HERC006	28	31	3	1.22	HE4	Hill East No 2 Lode	3m @ 1.22 from 28m (20HERC006 HE4)
20HERC007	7	9	2	7.14	HE4	Hill East No 2 Lode	2m @ 7.14 from 7m (20HERC007 HE4)
20HERC007	15	18	3	6.82	HE4	Hill East No 2 Lode	3m @ 6.82 from 15m (20HERC007 HE4)
20HERC008	21	22	1	13.3	HE4	Hill East No 2 Lode	1m @ 13.3 from 21m (20HERC008 HE4)
20HERC008	27	40	13	1.31	HE4	Hill East No 2 Lode	13m @ 1.31 from 27m (20HERC008 HE4)
20HERC009	27	33	6	0.79	HE4	Hill East No 2 Lode	6m @ 0.79 from 27m (20HERC009 HE4)
20HERC010	31	32	1	0.51	HE4	Hill East No 2 Lode	1m @ 0.51 from 31m (20HERC010 HE4)
20HERC011	3	4	1	1.15	HE3	Hill East No 2 South Lode	1m @ 1.15 from 3m (20HERC011 HE3)
20HERC013	7	9	2	1.63	HE3	Hill East No 2 South Lode	2m @ 1.63 from 7m (20HERC013 HE3)
20HERC013	17	18	1	0.97	HE3	Hill East No 2 South Lode	1m @ 0.97 from 17m (20HERC013 HE3)
20HERC015	0	2	2	2.68	HE3	Hill East No 2 South Lode	2m @ 2.68 from 0m (20HERC015 HE3)
20HERC016	1	2	1	0.63	HE3	Hill East No 2 South Lode	1m @ 0.63 from 1m (20HERC016 HE3)
20HERC016	34	35	1	0.7	HE3	Hill East No 2 South Lode	1m @ 0.7 from 34m (20HERC016 HE3)
20HERC018	31	32	1	0.94	HE3	Hill East No 2 South Lode	1m @ 0.94 from 31m (20HERC018 HE3)
20HERC018	39	40	1	4.06	HE3	Hill East No 2 South Lode	1m @ 4.06 from 39m (20HERC018 HE3)
20HERC020	35	37	2	0.81	HE3	Hill East No 2 South Lode	2m @ 0.81 from 35m (20HERC020 HE3)
20HERC021	1	4	3	0.84	HE3	Hill East No 2 South Lode	3m @ 0.84 from 1m (20HERC021 HE3)
20HERC022	36	37	1	0.59	HE3	Hill East No 2 South Lode	1m @ 0.59 from 36m (20HERC022 HE3)
20HERC023	0	2	2	0.73	HE3	Hill East No 2 South Lode	2m @ 0.73 from 0m (20HERC023 HE3)
20HERC025	3	5	2	1.66	HE3	Hill East No 2 South Lode	2m @ 1.66 from 3m (20HERC025 HE3)
20HERC025	12	16	4	0.87	HE3	Hill East No 2 South Lode	4m @ 0.87 from 12m (20HERC025 HE3)
20HERC025	29	31	2	0.55	HE3	Hill East No 2 South Lode	2m @ 0.55 from 29m (20HERC025 HE3)
20HERC026	0	6	6	1.33	HE3	Hill East No 2 South Lode	6m @ 1.33 from 0m (20HERC026 HE3)
20HERC027	4	8	4	3.29	HE2	Hill East No 1 West Lode	4m @ 3.29 from 4m (20HERC027 HE2)
20HERC027	25	26	1	0.53	HE2	Hill East No 1 West Lode	1m @ 0.53 from 25m (20HERC027 HE2)
20HERC028	20	27	7	1.53	HE2	Hill East No 1 West Lode	7m @ 1.53 from 20m (20HERC028 HE2)
20HERC029	11	16	5	0.97	HE2	Hill East No 1 West Lode	5m @ 0.97 from 11m (20HERC029 HE2)
20HERC029	23	24	1	0.63	HE2	Hill East No 1 West Lode	1m @ 0.63 from 23m (20HERC029 HE2)
20HERC030	16	20	4	1.23	HE2	Hill East No 1 West Lode	4m @ 1.23 from 16m (20HERC030 HE2)

20HERC030	27	29	2	1.21	HE2	Hill East No 1 West Lode	2m @ 1.21 from 27m (20HERC030 HE2)
20HERC030	44	45	1	0.94	HE2	Hill East No 1 West Lode	1m @ 0.94 from 44m (20HERC030 HE2)
20HERC031	9	12	3	1.27	HE1	Hill East No 1 Lode	3m @ 1.27 from 9m (20HERC031 HE1)
20HERC031	18	19	1	1.02	HE1	Hill East No 1 Lode	1m @ 1.02 from 18m (20HERC031 HE1)
20HERC032	2	29	27	2.04	HE1	Hill East No 1 Lode	27m @ 2.04 from 2m (20HERC032 HE1)
20HERC032	36	37	1	3.77	HE1	Hill East No 1 Lode	1m @ 3.77 from 36m (20HERC032 HE1)
20HERC033	0	1	1	1.83	HE1	Hill East No 1 Lode	1m @ 1.83 from 0m (20HERC033 HE1)
20HERC033	28	31	3	2.23	HE1	Hill East No 1 Lode	3m @ 2.23 from 28m (20HERC033 HE1)
20HERC033	39	40	1	0.73	HE1	Hill East No 1 Lode	1m @ 0.73 from 39m (20HERC033 HE1)
20LBRC001	8	10	2	0.84	HE5	Linden Bore	2m @ 0.84 from 8m (20LBRC001 HE5)
20LBRC001	14	16	2	1.48	HE5	Linden Bore	2m @ 1.48 from 14m (20LBRC001 HE5)
20LBRC003	13	17	4	6.3	HE5	Linden Bore	4m @ 6.3 from 13m (20LBRC003 HE5)
20LBRC004	0	13	13	1.86	HE5	Linden Bore	13m @ 1.86 from 0m (20LBRC004 HE5)

# Appendix 4 – Hill East Historical Significant Drilling Results >0.5 g/t Au

Hole_ID	Type	East MGA	North MGA	RL Nom	Depth (m)	Dip	Azi	From (m)	To (m)	Thick (m)	Au_ppm
93HEP001	RC	447487	6758736	400	46	-60	193	0	1	1	1.4
								5	8	3	2.0
								20	21	1	0.9
								25	31	6	1.5
								38	42	4	0.6
EXAC060	AC	446478	6758863	404	12	-60	90				
EXAC061	AC	446536	6758794	407	42	-60	90	16	19	3	0.6
EXAC062	AC	446535	6758773	407	42	-60	90				
EXAC063	AC	446548	6758774	407	18	-60	90				
EXAC064	AC	446535	6758749	408	30	-60	90	20	21	1	0.5
EXAC065	AC	446549	6758751	408	24	-60	90	16	17	1	1.5
EXAC066	AC	446564	6758750	408	24	-60	90	3	4	1	0.8
EXAC067	AC	446535	6758832	406	30	-60	90				
EXAC068	AC	446541	6758707	411	30	-60	90	19	20	1	0.9
EXAC079	AC	446590	6758430	414	18	-60	180	0	13	13	1.3
EXAC080	AC	446612	6758433	413	18	-60	180	0	1	1	1.4
								9	13	4	3.8
EXAC081	AC	446658	6758428	411	18	-60	180	11	13	2	1.9
EXAC082	AC	447542	6758728	400	36	-60	190	9	25	16	1.7
								32	36	4	0.6
EXAC083	AC	447545	6758750	400	51	-60	190	41	42	1	1.2
EXAC084	AC	447546	6758763	400	90	-60	190	70	71	1	0.7
								74	75	1	0.5
								76	77	1	0.5
EXAC085	AC	447526	6758739	400	45	-60	190	15	16	1	1.2
								35	38	3	1.6
EXAC086	AC	447528	6758758	400	84	-60	190	44	48	4	0.7
								60	62	2	0.8
EXAC087	AC	447506	6758735	400	39	-60	190	4	7	3	1.4
								12	28	16	1.5
								31	33	2	0.9
EXAC088	AC	447508	6758749	400	57	-60	190	27	28	1	1.2
								31	39	8	1.8
EXAC089	AC	447487	6758768	400	69	-60	190	58	63	5	4.1
EXAC090	AC	447459	6758733	400	57	-60	190	6	7	1	1.1
								25	27	2	1.5
								31	33	2	5.6
								39	40	1	0.9
EXAC091	AC	447465	6758762	400	84	-60	190	57	58	1	0.6
								70	72	2	1.5
EXAC092	AC	447458	6758705	400	40	-60	135	9	12	3	1.3
EXAC093	AC	447441	6758720	400	57	-60	135	23	27	4	3.2
								47	49	2	1.2
EXAC094	AC	447429	6758735	400	63	-60	135	39	42	3	1.4
EXAC095	AC	447432	6758679	400	51	-60	135				
EXAC096	AC	447418	6758693	405	42	-60	135				
EXAC097	AC	447400	6758707	400	42	-60	135	28	33	5	1.3
EXAC098	AC	447345	6758732	400	45	-60	180				
EXAC099	AC	447343	6758757	400	30	-60	180				
EXAC100	AC	447323	6758858	400	51	-60	160	32	39	7	2.7
EXAC101	AC	447304	6758850	400	51	-60	160	32	33	1	0.6
EXAC102	AC	447285	6758843	400	51	-60	160	1	2	1	0.5
								28	32	4	0.8
EXRC001	RC	447267	6758835	400	35	-60	160	25	26	1	1.7
EXRC002	RC	447254	6758814	400	29	-60	160	13	14	1	2.2
EXRC003	RC	447247	6758828	400	41	-60	160				

EXRC004	RC	447236	6758803	400	35	-60	160	9	10	1	0.6
EXRC005	RC	447229	6758822	400	26	-60	160	25	26	1	3.6
EXRC006	RC	446591	6758450	415	59	-60	180	30	35	5	2.9
EXRC007	RC	446612	6758453	414	50	-60	180	34	36	2	1.5
EXRC008	RC	446632	6758450	413	44	-60	180	29	31	2	3.4
EXRC009	RC	446661	6758446	412	59	-60	170	39	42	3	1.4
EXRC010	RC	446686	6758438	410	50	-60	180				
EXRC011	RC	446570	6758430	415	29	-60	180	5	8	3	1.4
EXRC012	RC	446570	6758449	416	50	-60	180	33	35	2	3.7
EXRC013	RC	446550	6758430	416	38	-60	180	6	7	1	1.6
								17	18	1	6.9
								28	29	1	2.7
EXRC014	RC	446552	6758450	417	44	-60	180	14	15	1	1.4
								33	34	1	3.8
EXRC015	RC	446532	6758430	417	41	-60	180				
EXRC016	RC	446506	6758421	417	47	-60	180				
HLP001	RC	447509	6758765	399	62	-60	189	6	8	2	1.4
								52	58	6	1.3
HLP002	RC	447504	6758733	400	56	-60	185	2	12	10	1.4
								16	30	14	1.8
HLP003	RC	447499	6758705	400	60	-60	188	2	4	2	0.5
HLP004	RC	447568	6758761	400	60	-60	190	38	40	2	1.1
								54	56	2	1.2
HLP005	RC	447563	6758732	400	60	-60	190	8	10	2	1.5
								24	26	2	0.9
								30	32	2	0.6
HLP006	RC	447558	6758702	400	60	-60	189	30	34	4	1.0
HLP007	RC	447334	6758835	400	40	-60	164	2	4	2	0.9
								14	28	14	1.7
HLP008	RC	447132	6759368	400	60	-60	142	16	18	2	1.2
HLP009	RC	447173	6759467	400	60	-60	114	14	22	8	1.5
HLP010	RC	446692	6758946	400	40	-60	80	34	36	2	1.0
HLP011	RC	447297	6758821	400	38	-60	160	16	22	6	1.7
HLP012	RC	447372	6758848	400	34	-60	160				
HLP014	RC	447195	6759454	400	38	-60	160				
HLP015	RC	447604	6758723	400	34	-60	190				
HLP016	RC	447465	6758738	400	44	-60	190	38	40	2	3.5
HLP017	RC	447328	6759205	400	36	-60	160	0	2	2	0.7
								26	28	2	1.0
HLP018	RC	447334	6759180	400	40	-60	160	2	4	2	1.1
HLP019	RC	447345	6759158	400	40	-60	160	0	2	2	0.9
								30	32	2	1.0
HLP020	RC	447316	6759179	400	40	-60	160	20	30	10	2.2
HLP021	RC	447299	6759168	400	40	-60	160	4	6	2	1.2
								14	16	2	3.6
HLP022	RC	447524	6758724	400	40	-60	190	2	10	8	1.2
								14	20	6	2.0
HLP023	RC	447189	6759473	400	58	-60	160				
HLP024	RC	447218	6759498	400	44	-60	160	10	12	2	0.8
HLP025	RC	447137	6759439	400	54	-60	160	20	22	2	1.1
HLP026	RC	447100	6759425	400	56	-60	160	12	18	6	1.5
HLP028	RC	447601	6758671	400	31	-60	190	8	10	2	1.4
HLP029	RC	447485	6758747	400	50	-60	190	8	10	2	1.4
HLP031	RC	447278	6758814	400	32	-60	160	12	14	2	2.7
HLP032	RC	447600	6758708	400	35	-60	190	2	8	6	0.8
HLP033	RC	447541	6758720	400	40	-60	190	0	20	20	4.0
HLP034	RC	447550	6758756	400	46	-60	190	38	44	6	2.4
HLP035	RC	447545	6758737	400	50	-60	190	12	36	24	0.7
HLP045	RC	447215	6759505	400	14	-60	160				
HLP046	RC	447316	6758828	400	34	-60	160	16	22	6	3.1



HLP047	RC	447353	6758842	400	40	-60	160				
HLP048	RC	447517	6758694	400	30	-60	190				
HLP049	RC	447314	6759125	400	45	-60	160	0	8	8	0.8
HLP050	RC	447503	6758726	400	32	-60	190	2	22	20	1.1
								28	30	2	0.8
HLP051	RC	447482	6758732	400	36	-60	190	22	28	6	2.1
HLP052	RC	447528	6758747	400	30	-60	190				
HLP053	RC	447525	6758735	400	37	-60	190	6	8	2	3.0
								28	36	8	3.8
HLP054	RC	447461	6758710	400	30	-60	190				
HLP060	RC	447507	6758749	400	50	-60	190	46	48	2	0.9
HLP061	RC	447544	6758726	400	35	-60	190	0	8	8	1.8
								12	22	10	2.5
								26	32	6	1.1
HLP062	RC	447549	6758745	400	40	-60	188	8	10	2	1.4
								22	30	8	1.0
HLP063	RC	447553	6758765	400	60	-60	190	18	20	2	0.8
								54	56	2	0.8
HLP064	RC	447567	6758747	400	50	-60	193	36	40	4	0.8
HLP065	RC	447559	6758714	400	30	-60	190	0	6	6	0.6
								22	24	2	0.8
HLP066	RC	447555	6758686	400	30	-60	193	4	10	6	0.6
								14	18	4	1.3
HLP067	RC	447585	6758744	400	40	-60	189	30	34	4	2.1
HLP068	RC	447582	6758729	400	30	-60	190	18	22	4	0.9
HLP069	RC	447489	6758722	400	35	-60	222	0	2	2	1.6
								16	34	18	1.9
HLP070	RC	447523	6758712	400	20	-60	191	0	16	16	2.1
HLP071	RC	447536	6758687	400	40	-60	191	4	8	4	0.9
LNRC031	RC	447113	6759131	406	60	-60	62				
LNRC032	RC	447094	6758909	407	60	-60	72				
SLAC001	AC	447518	6759158	400	49	-60	90				
SLAC002	AC	447538	6759358	400	25	-60	90				
SLAC003	AC	447498	6759358	400	19	-60	90				
SLAC005	AC	447418	6759358	403	40	-60	90				
SLAC009	AC	447378	6759358	400	22	-60	90				
SLAC013	AC	447238	6758958	400	28	-60	90				
SLAC014	AC	447198	6758958	400	22	-60	90				
SLAC016	AC	447758	6758558	400	4	-60	90				
SLAC017	AC	447718	6758558	400	7	-60	90				
SLAC018	AC	447678	6758558	400	14	-60	90	4	8	4	0.5
SLAC019	AC	447638	6758558	400	4	-60	90				
SLAC020	AC	447598	6758558	400	4	-60	90				
SLAC021	AC	447558	6758558	400	14	-60	90				
SLAC022	AC	447518	6758558	400	10	-60	90	8	10	2	0.9
SLAC023	AC	447478	6758558	400	31	-60	90				
SLAC024	AC	447438	6758558	400	46	-60	90	4	8	4	0.8
SLAC025	AC	447398	6758558	400	13	-60	90				
SLCD001	DDH	447198	6759158	400	199	-60	90	115	116	1	1.3
								120	121	1	1.6
SLRC001	RC	447718	6758758	400	31	-60	90				
SLRC002	RC	447678	6758758	400	39	-60	90				
SLRC003	RC	447638	6758758	400	40	-60	90				
SLRC004	RC	447518	6758958	400	39	-60	90				
SLRC005	RC	447558	6758958	400	22	-60	90	5	9	4	0.6
SLRC006	RC	447598	6758958	400	22	-60	90				
SLRC007	RC	447638	6758958	400	22	-60	90				
SLRC008	RC	447638	6759158	400	22	-60	90				
SLRC009	RC	447598	6759158	400	34	-60	90				
SLRC010	RC	447558	6759158	400	36	-60	90				

SLRC011	RC	447478	6759158	400	34	-60	90				
SLRC012	RC	447438	6759158	400	82	-60	90				
SLRC013	RC	447398	6759158	400	82	-60	90	0	1	1	0.7
SLRC014	RC	447358	6759158	400	82	-60	90				
SLRC015	RC	447318	6759148	400	88	-60	90	64	65	1	0.6
SLRC016	RC	447269	6759158	402	82	-60	90	30	32	2	0.6
								49	54	5	1.3
SLRC017	RC	447238	6759158	402	82	-60	90	13	14	1	2.0
								17	19	2	1.0
								43	53	10	2.7
SLRC018	RC	447478	6758958	400	82	-60	90	14	17	3	0.8
								22	25	3	0.7
								29	30	1	0.5
								39	46	7	0.9
SLRC019	RC	447438	6758958	400	82	-60	90	37	39	2	0.9
								50	51	1	0.6
								73	74	1	0.5
SLRC020	RC	447398	6758958	400	82	-60	90	44	49	5	1.9
SLRC021	RC	447358	6758958	400	82	-60	90	7	10	3	2.5
								59	60	1	0.6
								64	65	1	2.5
SLRC022	RC	447318	6758958	403	82	-60	90	34	35	1	0.9
								59	60	1	0.7
SLRC023	RC	447278	6758958	403	82	-60	90	53	54	1	0.9
								61	63	2	2.1
								74	75	1	0.7
SLRC024	RC	447598	6758758	400	82	-60	90				
SLRC025	RC	447558	6758782	400	82	-60	90	4	5	1	0.8
								48	49	1	0.8
								66	68	2	1.3
SLRC026	RC	447518	6758758	400	82	-60	90				
SLRC027	RC	447478	6758758	400	82	-60	90	0	1	1	4.1
SLRC028	RC	447438	6758758	400	82	-60	90	56	57	1	0.6
								78	79	1	0.8
SLRC029	RC	447398	6758758	401	82	-60	90				
SLRC030	RC	447358	6758782	401	82	-60	90				
SLRC031	RC	447318	6758758	403	82	-60	90	8	11	3	3.1
SLRC032	RC	447278	6758758	404	82	-60	90				
SLRC033	RC	447238	6758758	404	82	-60	90	1	2	1	0.5
SLRC034	RC	447438	6758746	400	82	-60	180	50	52	2	2.0
								55	57	2	0.6
								64	65	1	0.7
SLRC035	RC	447438	6758798	400	82	-60	180	52	53	1	0.9
								55	56	1	0.7
SLRC036	RC	447438	6758838	400	82	-60	180				
SLRC037	RC	447438	6758878	400	82	-60	180	26	27	1	2.3
SLRC038	RC	447438	6758918	400	82	-60	180	23	25	2	0.8
								32	34	2	0.6
SLRC039	RC	447438	6758958	400	82	-60	180	6	7	1	1.0
								33	34	1	2.6
								54	55	1	0.6
SLRC040	RC	447438	6758998	400	82	-60	180	22	25	3	0.8
								63	64	1	2.1
								67	68	1	1.3
								76	77	1	0.9
SLRC041	RC	447438	6759038	400	82	-60	180	1	3	2	0.6
								8	9	1	0.8
								14	21	7	0.8
								49	50	1	0.5
SLRC042	RC	447438	6759078	400	82	-60	180	11	12	1	1.0

								40	46	6	2.8
								49	52	3	0.8
SLRC043	RC	447438	6759118	400	82	-60	180				
SLRC044	RC	447438	6759158	400	82	-60	180				
SLRC045	RC	447198	6759158	400	82	-60	90	0	1	1	1.1
SLRC047	RC	447238	6759198	400	82	-60	180	1	2	1	0.7
								62	64	2	1.4
SLRC048	RC	447238	6759238	400	82	-60	180	38	39	1	0.5
SLRC049	RC	447238	6759278	400	82	-60	180	69	70	1	1.0
SLRC050	RC	447238	6759318	400	82	-60	180	9	10	1	3.5
								27	28	1	0.7
								30	31	1	0.6
								70	71	1	0.6
SLRC054	RC	447338	6759358	400	82	-60	90				
SLRC055	RC	447298	6759358	400	82	-60	90				
SLRC057	RC	447218	6759358	400	82	-60	90				
SLRC060	RC	447298	6759558	400	82	-60	90				
SLRC066	RC	447238	6759258	400	100	-60	90				
SLRC067	RC	447198	6759258	400	100	-60	90				
SLRC068	RC	447278	6759058	404	100	-60	90	34	36	2	1.0
								90	91	1	3.0
SLRC069	RC	447238	6759058	404	100	-60	90	50	52	2	2.6
SLRC070	RC	447263	6758958	404	124	-60	90	104	105	1	0.7
SLRC071	RC	447318	6758858	404	100	-60	90				
SLRC072	RC	447278	6758858	404	100	-60	90	74	77	3	0.6
SLRC073	RC	447268	6758758	407	124	-60	90				