



LIMITED  
ABN 48 106 732 487

ASX Announcement

17<sup>th</sup> March 2017

## Significant New Gold Assays from Aircore Lake Carey Gold Project

### Highlights

- New gold assays have been received from aircore drilling within the Bindah Extended (BE) target area
- Results define three significant new gold targets (BE 1, BE 2 and BE 3) NW of Matsa's Fortitude Gold deposit
  - BE 1 contains gold bearing quartz veins in a broad halo of gold anomalous intersections within a ~1km x 0.7km granitic intrusion (similarities seen with the host intrusion at Granny Smith gold mine). Gold intercepts in weathered basement include:
    - **4m @ 2.2g/t Au** from 72m
    - **4m @ 1.67 g/t Au** from 68m
  - BE 2 is defined by several anomalous gold values in altered dolerite with the most significant result being:
    - **1m @ 1.56 g/t Au** from 53m (open to the west)
  - BE 3 comprises a number of highly anomalous gold values in a ~1.5km<sup>2</sup> area of pervasive silica, sericite, pyrite, leucoxene altered diorite (open to the east) with marked similarity to alteration of other gold-mineralised dolerites in the Eastern Goldfields including the Golden Mile dolerite in Kalgoorlie
- The targets are located in the prolific gold mining district of the Laverton Tectonic Zone which contains multi-million ounce gold deposits including Sunrise Dam and Granny Smith
- Infill aircore drilling is underway as the basis for follow up diamond drilling to commence ASAP on these new high priority targets

### CORPORATE SUMMARY

#### Executive Chairman

Paul Poli

#### Director

Frank Sibbel

#### Director & Company Secretary

Andrew Chapman

#### Shares on Issue

144.7 million

#### Unlisted Options

17.02 million @ \$0.25 - \$0.30

#### Top 20 shareholders

Hold 54.34%

#### Share Price on 16 March 2017

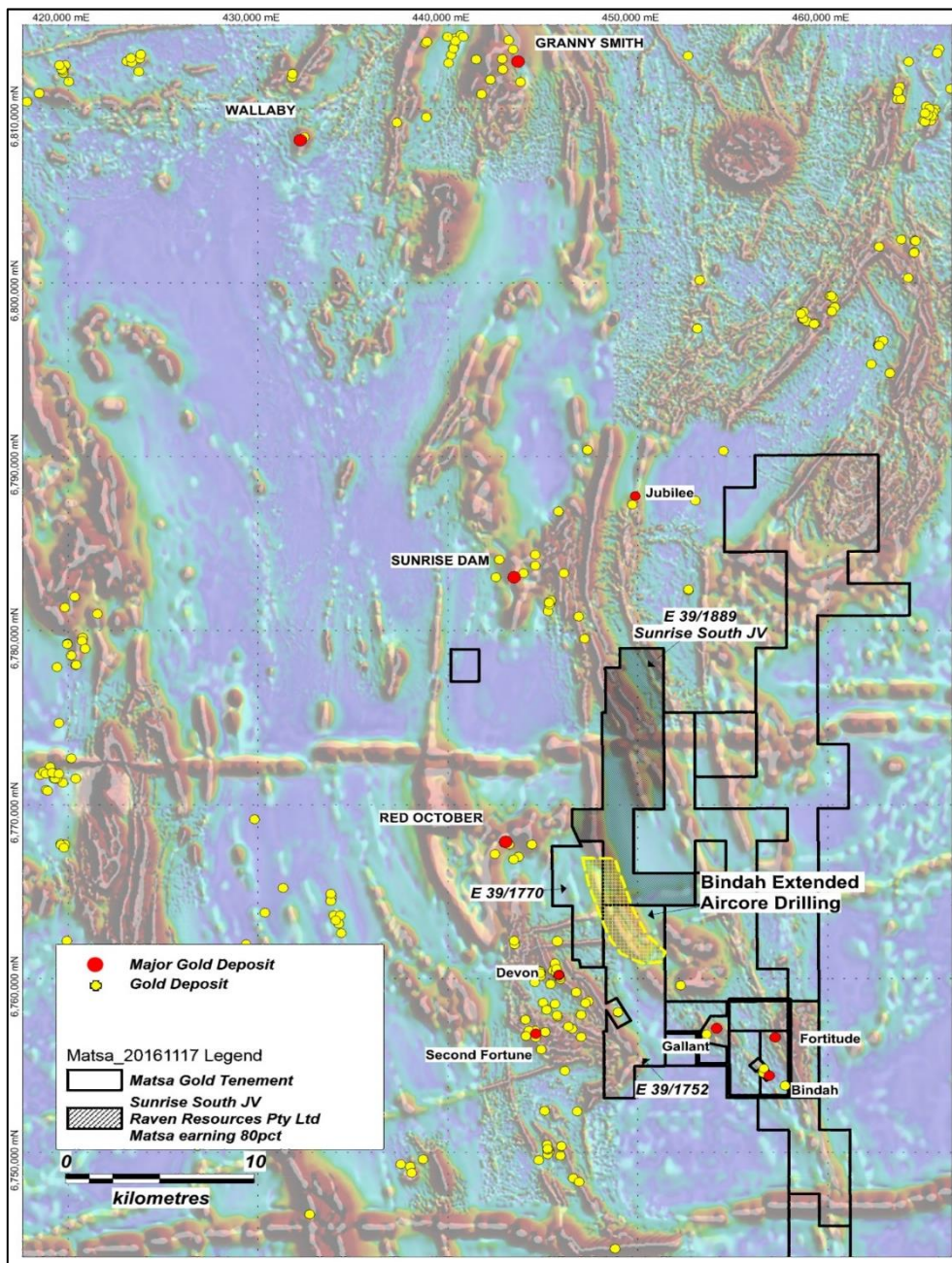
20.5 cents

#### Market Capitalisation

\$29.66 million

Matsa Resources Limited (“Matsa” or “the Company” ASX: MAT) is pleased to report significant progress on its aircore drilling programme at Lake Carey. The program has been focused on the Bindah Extended (BE) target area where basement rocks are concealed beneath transported lacustrine clays in Lake Carey. Matsa is targeting an 8km section along this highly prospective structural and stratigraphic corridor which was largely untested by previous drilling. (Refer MAT announcement to the ASX 22<sup>nd</sup> November 2016 and 30<sup>th</sup> January 2017)

Bindah Extended is one of a number of high priority target areas in the Company’s Lake Carey Fortitude gold project, where Matsa is working towards commencement of trial mining (MAT announcement to the ASX 22<sup>nd</sup> February 2017). The target area is the extension of a gold bearing structural and stratigraphic corridor containing the Bindah, Galant and Intrepid gold deposits (Figure 1). Limited historic aircore drilling by previous explorers returned highly anomalous gold intercepts in 4 drill holes including 4m @ 0.87 g/t Au which forms part of Matsa’s BE 3 target as discussed below.



**Figure 1: Lake Carey Gold Project on regional aeromagnetic image showing recorded gold deposits**

Executive Chairman Mr Paul Poli commented, *“it’s very pleasing and not unexpected, that this programme has identified several significant new gold areas. Any success would definitely enhance our Lake Carey project. We are drilling in an area where multi-million ounce gold deposits have been discovered and what we are seeing from this shallow aircore drilling is distinctly of similar flavour to early results at those large discoveries. We are throwing a lot of effort into this area and we believe that the potential is very high. These positive exploration results complement our work to commence mining activities at Fortitude.”*

## **Aircore Drilling 2016-2017**

A total of 212 aircore drill holes (16LCAC001- 17LCAC212) for 16,560m of drilling has been completed to date over the Bindah Extended target area. First pass drill holes are spaced at 100m intervals along EW lines spaced 400m apart, while follow up infill drilling has been carried out at 50 - 100m intervals along lines spaced 100m apart.

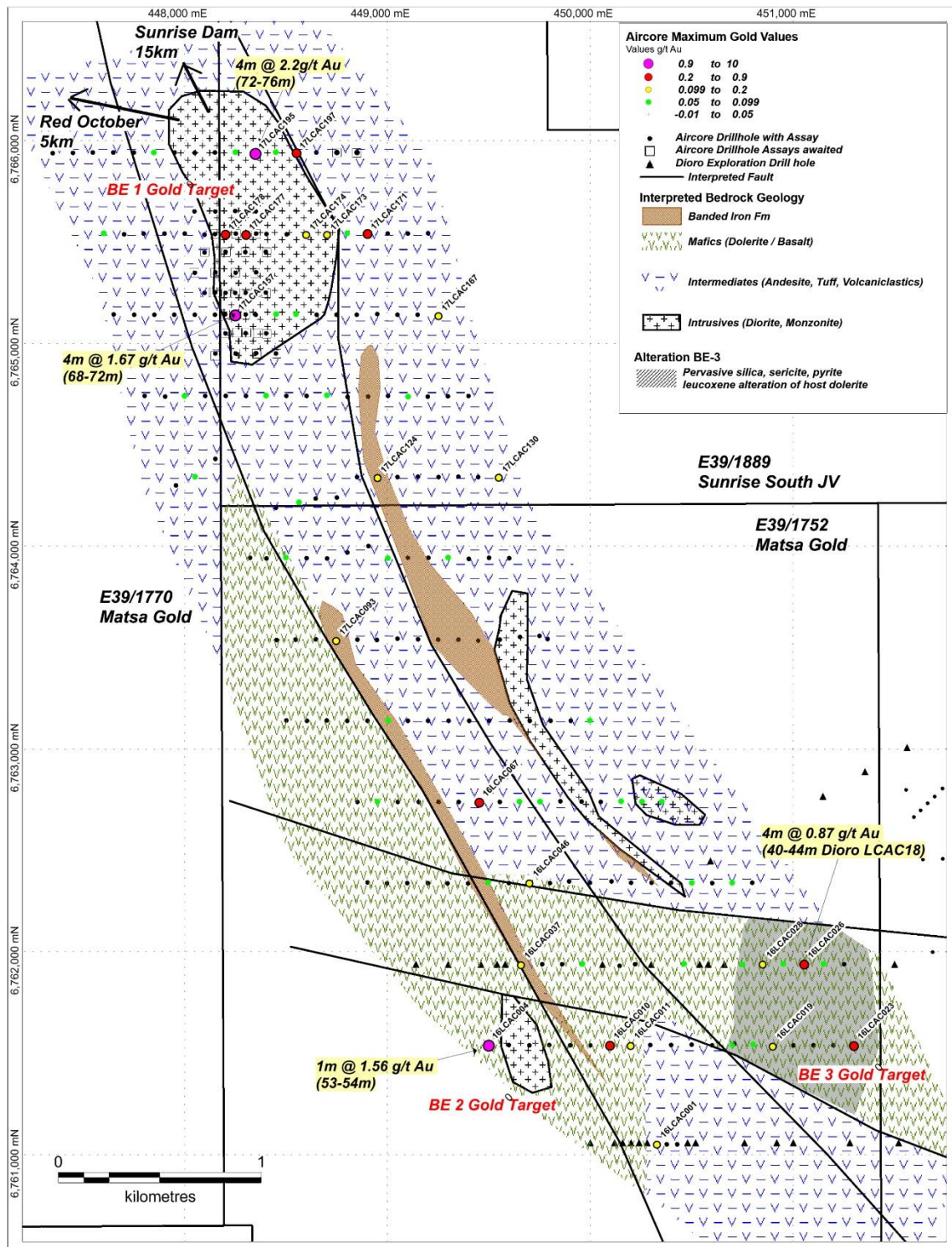
Drill holes were completed to “refusal”, typically in fresh to moderately weathered basement at depths ranging from 14m to 121m. Drilling intersected transported cover in the form of lake clays and minor sands underlain by deeply weathered basement rocks or saprolite with recognisable variably weathered basement rocks in the lowermost section of each drill hole.

Archaean basement lithologies intersected include dolerite, andesitic volcanics and volcanoclastics and tuffs, with subordinate rock types including banded iron formation, ultramafic lavas, dolerite and a number of intermediate to felsic intrusive rocks including granodiorite, dacite, monzodiorite and syenite. Quartz veining and variable alteration of basement rocks was recognised in a number of drill holes with potential for associated gold mineralisation. (Logging, sampling and assay procedures are described in Appendix 1, collar information for all drill holes completed to date is presented in Appendix 2).

The following assay results have been received:

- 3,815 gold assays on composite samples from the first 198 drill holes (16LCAC001 – 17LCAC198)
- 268 gold assays of 1m samples from gold-anomalous composite sample intervals
- 161 gold assays from bottom of hole samples from drill holes (16LCAC001- 16LCAC161)
- Results for comprehensive 35 element litho-geochemical and pathfinder element assay suite. These results are currently undergoing detailed review.





**Figure 2: Bindah extended aircore drilling summary and interpreted basement geology**

## Discussion

Visual observations made on drill cuttings, and in particular the least weathered bottom of hole rock samples was used to compile a simplified basement geological map and to determine the style and intensity of hydrothermal alteration as a potential vector towards gold mineralisation. Values  $>0.1$  g/t gold in variably weathered basement rocks are considered to be highly significant and represent  $<2\%$  of assays to date. Consequently, drillholes containing  $>0.1$ g/t gold are highlighted in Figure 2 and listed in Table 1 as potentially reflecting the presence of significant gold mineralisation.

Whilst these gold values are comparatively low, there are many examples where similar gold values led to the establishment of a number of large gold mines. An excellent example is the historical discovery pathway of the nearby Red October gold mine operated by Saracen Minerals with the following comment noted:

*“target was tested with aircore drilling, with the best intersections of 2 m @ 1.78 g/t Au, 7 m @ 0.42 g/t Au, 3 m @ 0.37 g/t Au and 2 m @ 0.3 g/t Au”*

*(Graham, J.L., 2003 - Red October gold deposit, Northeast Goldfields, Western Australia: in Butt, C.R.M., Cornelius, M., Scott, K.M. and Robertson, I.D.M., 2003 Regolith Expression of Australian Ore Systems - A compilation of geochemical case histories and conceptual models CRC LEME)*

| Target | Hole_ID   | SampleID | From (m) | To (m) | Sample Type | g/t Au | Int                    | Remarks   |
|--------|-----------|----------|----------|--------|-------------|--------|------------------------|---|
| BE-1   | 17LCAC157 | 128537   | 68       | 72     | COMP        | 1.18   | <b>4m @ 1.18g/t Au</b> | Anomalous gold values in saprolite associated with quartz veining within and along the margins of a monzodiorite intrusive. Similarities seen with structurally controlled mineralisation in brittle faulted intrusions eg Granny Smith.                            |
|        |           | 130842   | 68       | 69     | CHIPS       | 5.17   | <b>1m @ 5.17g/t Au</b> |   |
|        |           | 130843   | 69       | 70     | CHIPS       | 0.65   | 1m @ 0.65g/t Au        |   |
|        |           | 130844   | 70       | 71     | CHIPS       | 0.37   | 1m @ 0.37g/t Au        |   |
|        |           | 130845   | 71       | 72     | CHIPS       | 0.39   | 1m @ 0.39g/t Au        |   |
|        | 17LCAC167 | 114256   | 72       | 73     | EOH         | 0.04   | 1m @ 0.04g/t Au        |   |
|        |           | 128755   | 60       | 64     | CHIPS       | 0.1    | 4m @ 0.1g/t Au         |   |
|        | 17LCAC171 | 128843   | 32       | 36     | COMP        | 0.21   | 4m @ 0.21g/t Au        |   |
|        |           | 128851   | 64       | 68     | COMP        | 0.14   | 4m @ 0.14g/t Au        |   |
|        | 17LCAC173 | 128895   | 36       | 40     | COMP        | 0.19   | 4m @ 0.19g/t Au        |   |
|        |           | 128897   | 44       | 48     | COMP        | 0.1    | 4m @ 0.1g/t Au         |   |
|        | 17LCAC174 | 128898   | 48       | 52     | COMP        | 0.12   | 4m @ 0.12g/t Au        |   |
|        |           | 128924   | 76       | 77     | COMP        | 0.1    | 1m @ 0.1g/t Au         |   |
|        | 17LCAC177 | 128987   | 96       | 97     | COMP        | 0.23   | 1m @ 0.23g/t Au        |   |
| BE-2   | 17LCAC178 | 129004   | 64       | 68     | COMP        | 0.27   | 4m @ 0.27g/t Au        | Anomalous gold values associated with quartz veining in dolerite  |
|        | 17LCAC195 | 129401   | 72       | 76     | COMP        | 2.22   | <b>4m @ 2.22g/t Au</b> |   |
|        | 17LCAC197 | 129449   | 72       | 76     | COMP        | 0.32   | 4m @ 0.32g/t Au        |   |
|        | 16LCAC001 | 125518   | 68       | 69     | CHIPS       | 0.15   | 1m @ 0.15g/t Au        |   |
|        | 16LCAC004 | 125574   | 52       | 56     | COMP        | 0.2    | 4m @ 0.2g/t Au         |   |
|        | 16LCAC004 | 114790   | 53       | 54     | CHIPS       | 1.56   | <b>1m @ 1.56g/t Au</b> |   |
| BE-3   | 16LCAC010 | 125657   | 56       | 60     | COMP        | 0.32   | 4m @ 0.32g/t Au        | Anomalous gold values associated with pervasively altered dolerite. Alteration assemblage characterised by leucoxene, silica, sericite and pyrite. Similarities seen with alteration associated with gold mineralised dolerites elsewhere in the Eastern Goldfields |
|        |           | 115116   | 58       | 59     | CHIPS       | 0.21   | 1m @ 0.21g/t Au        |   |
|        | 16LCAC011 | 125691   | 108      | 109    | CHIPS       | 0.18   | 1m @ 0.18g/t Au        |   |
|        | 16LCAC019 | 114118   | 60       | 61     | EOH         | 0.17   | 1m @ 0.17g/t Au        |   |
|        | 16LCAC023 | 114122   | 56       | 57     | EOH         | 0.22   | 1m @ 0.22g/t Au        |   |
|        | 16LCAC026 | 125955   | 80       | 84     | COMP        | 0.17   | 4m @ 0.17g/t Au        |   |
|        |           | 125956   | 84       | 88     | COMP        | 0.15   | 4m @ 0.15g/t Au        |   |
|        |           | 116285   | 81       | 82     | CHIPS       | 0.18   | 1m @ 0.18g/t Au        |   |
|        |           | 116286   | 82       | 83     | CHIPS       | 0.11   | 1m @ 0.11g/t Au        |   |
|        |           | 116287   | 83       | 84     | CHIPS       | 0.17   | 1m @ 0.17g/t Au        |   |
|        |           | 116288   | 84       | 85     | CHIPS       | 0.19   | 1m @ 0.19g/t Au        |   |
|        |           | 116289   | 85       | 86     | CHIPS       | 0.21   | 1m @ 0.21g/t Au        |   |
|        | 16LCAC028 | 114127   | 75       | 76     | EOH         | 0.1    | 1m @ 0.1g/t Au         |   |
| AC37   | 16LCAC037 | 126194   | 64       | 68     | COMP        | 0.17   | 4m @ 0.17g/t Au        | Saprolite over Banded Iron Formation  |
| AC46   | 16LCAC046 | 126311   | 52       | 56     | COMP        | 0.1    | 4m @ 0.1g/t Au         | Weathered gabbro  |
| AC67   | 16LCAC067 | 126736   | 92       | 93     | CHIPS       | 0.22   | 1m @ 0.22g/t Au        | Weathered andesite / dacite   |
| AC93   | 17LCAC093 | 114192   | 46       | 47     | EOH         | 0.13   | 1m @ 0.13g/t Au        | Saprolite over Banded Iron Formation  |
| AC124  | 17LCAC124 | 114223   | 64       | 65     | EOH         | 0.13   | 1m @ 0.13g/t Au        | Banded Iron Formation   |
| AC130  | 17LCAC130 | 127895   | 76       | 80     | CHIPS       | 0.14   | 4m @ 0.14g/t Au        | Weathered andesite / dacite   |

**Table 1: Bindah –summary aircore results >0.1g/t Au**

Gold anomalous samples containing >0.1g/t Au are listed in Table 1 and summarised over interpreted bedrock geology in Figure 2. Anomalous gold values >0.1g/t Au in weathered basement rocks can be seen to define three high priority gold exploration targets (BE 1, BE 2 and BE 3), in addition to several single drill hole intersections, which have been initially ranked as second order targets (AC37, AC46, AC67, AC93, AC124 and AC130).

## Target BE 1

This target is defined by a number of highly anomalous gold values in weathered basement rocks with better intercepts including:

**4m @ 1.67g/t Au** from 68m (17LCAC157)

**4m @ 2.2 g/t Au** from 72m (17LCAC195)

Mineralised intercepts are associated with a granitic (monzo-diorite) intrusion ~1km x 0.7km in extent emplaced into andesitic volcanics and volcanoclastics in a favourable structural position along the NNW trending Bindah fault zone. Anomalous gold values are associated with quartz veining within and along the margins of the intrusion and appear to reflect structurally controlled gold bearing quartz veins forming in response to brittle fracture of the intrusion by movement along the Bindah fault.

Similarities are seen with major gold deposits such as Granny Smith which is located ~30km to the north and described by Ojala et al 1993 as follows:

*“Gold mineralisation is located along a N-S striking fault which wraps around the contact of a small granitoid intrusion. In different sections of the fault, mineralisation may be developed in the granitoid, in the adjacent sedimentary sequence and or along the contact between them.”*

First pass step out and infill aircore drilling on 100m x 100m centres has commenced with results pending.

## Target BE 2

This target is defined by a number of highly anomalous gold values mostly in weathered dolerite with a best intercept of **1m @ 1.56 g/t Au** from 53m (16LCAC004). This intercept is located at the western end of aircore line 2, and the target remains open to the west. Infill and step out drilling on 100m centres has been planned and will commence shortly.

## Target BE 3

This target is defined by a number of anomalous gold values including **5m @ 0.16 g/t Au** from 81m (16LCAC026). The target includes historic intersections by Dioro Exploration NL as previously announced, including **4m @ 0.87 g/t Au** from 40m (LCAC018). Anomalous gold values were intersected in a pervasively altered dolerite unit which has been almost completely replaced by an alteration assemblage made up mostly of silica, sericite, pyrite, leucoxene and possibly carbonate. The alteration assemblage and highly anomalous gold values compare favourably with a number of dolerite hosted gold deposits in the Eastern Goldfields of WA including the Golden Mile. Extensional and infill aircore drilling will commence shortly.

For further information please contact:

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**Executive Chairman**

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**Web** [www.matsa.com.au](http://www.matsa.com.au)

**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 – Lake Carey Project

### 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>Aircore samples hand sampled at 1m intervals direct from container placed under the cyclone. Three sample categories are collected. 1m samples are placed in numbered bag ~2-3kg in weight and retained until composite assays are completed. Composites Samples are incrementally collected from 4 successive 1m samples and submitted for gold only assay. A bottom of hole sample representing the least weathered part of the drilled profile is collected submitted immediately for a multi-element suite of assays. 1m chip samples are submitted selectively based on results from composite samples and on presence of visually interesting cuttings.</p> <p><b>Hand scoop, comparatively poor sample:</b> The nature of the regolith encountered in lake aircore drilling being mostly sticky clays, prevents use of a splitter, so all samples are hand scooped.</p> <p>Aircore drilling was sampled at 1m, these were hand composited to 4m samples approx. 3kg in weight. Composite Samples and follow up 1m splits for anomalous composites submitted to ALS Laboratories Kalgoorlie for Fire Assay with AA finish. Detection limit 0.01ppm Au. No special measures were taken to account for coarse gold.</p> <table border="1"> <thead> <tr> <th colspan="3">ANALYTICAL PROCEDURES</th></tr> <tr> <th>ALS CODE</th><th>DESCRIPTION</th><th>INSTRUMENT</th></tr> </thead> <tbody> <tr> <td>Au- AA25</td><td>Ore Grade Au 30g FA AA finish</td><td>AAS</td></tr> </tbody> </table> <p>Bottom of hole samples submitted for multi-element suite of assays:</p> | ANALYTICAL PROCEDURES |  |  | ALS CODE | DESCRIPTION | INSTRUMENT | Au- AA25 | Ore Grade Au 30g FA AA finish | AAS |
| ANALYTICAL PROCEDURES |  |   |                       |  |  |          |             |            |          |                               |     |
| ALS CODE              | DESCRIPTION  | INSTRUMENT  |                       |  |  |          |             |            |          |                               |     |
| Au- AA25              | Ore Grade Au 30g FA AA finish  | AAS   |                       |  |  |          |             |            |          |                               |     |



| Criteria              | JORC Code explanation   | Commentary   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
|-----------------------|---|--|-----------------------|--|--|----------|-------------|------------|-----------|-------------------------------|----------|---------|---------------------|------|---------|----------------------|------|----------|-------------------------------|---------|----------|------------------------------|---------|------------|-----------------------------|----------|------------|-----------------------------|----------|-----------|------------------------|-----|----------|-------------------------------|-----|
|                       |   | <table> <tr> <th colspan="3">ANALYTICAL PROCEDURES</th></tr> <tr> <th>ALS CODE</th><th>DESCRIPTION</th><th>INSTRUMENT</th></tr> <tr> <td>ME- ICP06</td><td>Whole Rock Package - ICP- AES</td><td>ICP- AES</td></tr> <tr> <td>C- IR07</td><td>Total Carbon (Leco)</td><td>LECO</td></tr> <tr> <td>S- IR08</td><td>Total Sulphur (Leco)</td><td>LECO</td></tr> <tr> <td>ME- MS81</td><td>Lithium Borate Fusion ICP- MS</td><td>ICP- MS</td></tr> <tr> <td>ME- MS42</td><td>Up to 34 elements by ICP- MS</td><td>ICP- MS</td></tr> <tr> <td>TOT- ICP06</td><td>Total Calculation for ICP06</td><td>ICP- AES</td></tr> <tr> <td>ME- 4ACD81</td><td>Base Metals by 4- acid dig.</td><td>ICP- AES</td></tr> <tr> <td>ME- GRA05</td><td>H2O/LOI by TGA furnace</td><td>TGA</td></tr> <tr> <td>Au- AA25</td><td>Ore Grade Au 30g FA AA finish</td><td>AAS</td></tr> </table> | ANALYTICAL PROCEDURES |  |  | ALS CODE | DESCRIPTION | INSTRUMENT | ME- ICP06 | Whole Rock Package - ICP- AES | ICP- AES | C- IR07 | Total Carbon (Leco) | LECO | S- IR08 | Total Sulphur (Leco) | LECO | ME- MS81 | Lithium Borate Fusion ICP- MS | ICP- MS | ME- MS42 | Up to 34 elements by ICP- MS | ICP- MS | TOT- ICP06 | Total Calculation for ICP06 | ICP- AES | ME- 4ACD81 | Base Metals by 4- acid dig. | ICP- AES | ME- GRA05 | H2O/LOI by TGA furnace | TGA | Au- AA25 | Ore Grade Au 30g FA AA finish | AAS |
| ANALYTICAL PROCEDURES |   |  |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| ALS CODE              | DESCRIPTION   | INSTRUMENT   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| ME- ICP06             | Whole Rock Package - ICP- AES   | ICP- AES   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| C- IR07               | Total Carbon (Leco)   | LECO   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| S- IR08               | Total Sulphur (Leco)  | LECO   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| ME- MS81              | Lithium Borate Fusion ICP- MS   | ICP- MS  |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| ME- MS42              | Up to 34 elements by ICP- MS  | ICP- MS  |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| TOT- ICP06            | Total Calculation for ICP06   | ICP- AES   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| ME- 4ACD81            | Base Metals by 4- acid dig.   | ICP- AES   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| ME- GRA05             | H2O/LOI by TGA furnace  | TGA  |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| Au- AA25              | Ore Grade Au 30g FA AA finish   | AAS  |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| Drilling techniques   | <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> | Drilling was carried out using a Lake Aircore Drilling Rig in the area close to the Bindah Extended target All drill holes are vertical.   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| 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 problematic in sticky clay sections with quite variable sample size.   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
|                       | <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 blast sample system clear at least at the end of each 3m rod. Significant effort made to clean cyclone and containers to avoid contamination.   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
|                       | <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 determined   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
| 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.  |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |
|                       | <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 cuttings produced by aircore.   |                       |  |  |          |             |            |           |                               |          |         |                     |      |         |                      |      |          |                               |         |          |                              |         |            |                             |          |            |                             |          |           |                        |     |          |                               |     |

| Criteria                                       | JORC Code explanation  | Commentary  |
|--|--|---|
| 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> <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> | <p>Aircore samples were as scooped or “grab” sampled from the containers at the cyclone with bulk residues discarded.</p> <p>Sample prep in Lab is standard for all assay procedures.</p> <p>Anomalous composites repeated with individual 1m splits. Selected splits on the basis of 5% of composite samples submitted.</p> <p>Splits are in effect field duplicates of composites.</p> <p>Sample weights of ~3kg documented are adequate for fine gold.</p> |
| 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> <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>   | <p>Samples were dispatched for low level gold determination by Fire Assay, which is an industry standard process. Assay accuracy determined by laboratory QACQ process.</p> <p>Not recorded.</p>  |
| 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> <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>  | <p>Composites validated by individual 1m splits</p> <p>No twinned holes carried out</p> <p>Geological and sampling data recorded on Toughbook in the field to minimise transcription errors. Hole locations recorded on GPS and compared prior to upload to database</p>  |

| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
| 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> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>  | <p>Data accuracy has been taken as <math>\pm 2.5\text{m}</math> for the purposes of designing follow up exploration.</p> <p>GDA94 UTM co-ordinate system Zone 51.</p> <p><math>\pm 10\text{m}</math> from AHD has been assumed for regional exploration holes used in designing the follow up programme.</p>  |
| Data spacing and distribution                           | <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>                                 | <p>aircore at Bindah Extended is of a reconnaissance nature only and on approximately <math>400\text{m} \times 100\text{m}</math> centres.</p> <p>Drill hole spacing too large to gain any idea of continuity of anomalous values.</p> <p>Compositing of aircore samples from <math>1\text{m}</math> to a maximum of <math>4\text{m}</math> was carried out on all targets.</p> |
| Orientation of data in relation to geological structure | <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> | <p>Drilling carried out on EW lines with which was adequate to address the interpreted orientation of geology. Vertical holes not ideal for steeply dipping rocks but selected to minimize drilling difficulties in deep clays.</p> <p>Drilling too wide spaced for bias to be a problem.</p>   |
| Sample security   | <ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>  | <p><math>1\text{m}</math> splits retained in the field at least until composite assays are received.</p>  |
| Audits or reviews                                       | <ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>  | <p>No audit carried out yet.</p>  |

## 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>  | <p>Exploration is proposed over the following tenements:</p> <table><tr><th>Tenement</th><th>Status</th><th>Holder</th><th>Granted</th><th>Area</th><th>Units</th></tr><tr><td>E 39/1770</td><td>LIVE</td><td>Matsa Gold Pty Limited</td><td>20140701</td><td>6</td><td>BL.</td></tr><tr><td>E 39/1752</td><td>LIVE</td><td>Matsa Gold Pty Limited</td><td>20140206</td><td>11</td><td>BL.</td></tr><tr><td>E 39/1889</td><td>LIVE</td><td>RAVEN RESOURCES PTY LTD</td><td>20160308</td><td>16</td><td>BL.</td></tr></table> <p>Tenements have been transferred to Matsa Gold Pty Ltd as announced to ASX 7<sup>th</sup> October 2016.<br/>JV tenement held by Raven Resources and explored under farm in and JV agreement E39/1889.</p> | Tenement | Status | Holder | Granted | Area | Units | E 39/1770 | LIVE | Matsa Gold Pty Limited | 20140701 | 6 | BL. | E 39/1752 | LIVE | Matsa Gold Pty Limited | 20140206 | 11 | BL. | E 39/1889 | LIVE | RAVEN RESOURCES PTY LTD | 20160308 | 16 | BL. |
| Tenement                                       | Status   | Holder   | Granted  | Area   | Units  |         |      |       |           |      |                        |          |   |     |           |      |                        |          |    |     |           |      |                         |          |    |     |
| E 39/1770                                      | LIVE   | Matsa Gold Pty Limited   | 20140701 | 6      | BL.    |         |      |       |           |      |                        |          |   |     |           |      |                        |          |    |     |           |      |                         |          |    |     |
| E 39/1752                                      | LIVE   | Matsa Gold Pty Limited   | 20140206 | 11     | BL.    |         |      |       |           |      |                        |          |   |     |           |      |                        |          |    |     |           |      |                         |          |    |     |
| E 39/1889                                      | LIVE   | RAVEN RESOURCES PTY LTD  | 20160308 | 16     | BL.    |         |      |       |           |      |                        |          |   |     |           |      |                        |          |    |     |           |      |                         |          |    |     |
| <b>Exploration done by other parties</b>       | <ul style="list-style-type: none"><li>Acknowledgment and appraisal of exploration by other parties.</li></ul>  | Work in the vicinity of the Bindah Extended target was previously carried out by Dioro Exploration.  |          |        |        |         |      |       |           |      |                        |          |   |     |           |      |                        |          |    |     |           |      |                         |          |    |     |
| <b>Geology</b>                                 | <ul style="list-style-type: none"><li>Deposit type, geological setting and style of mineralisation.</li></ul>  | The deposit types being sought at Bindah extended are orogenic syntectonic gold mineralisation similar to Fortitude and VMS related gold (+base metals) mineralisation typical of Bindah and Galant.   |          |        |        |         |      |       |           |      |                        |          |   |     |           |      |                        |          |    |     |           |      |                         |          |    |     |
| <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>See appendix 2 for listing of all drill holes.</p> <p>No significant information was excluded deliberately.</p>   |          |        |        |         |      |       |           |      |                        |          |   |     |           |      |                        |          |    |     |           |      |                         |          |    |     |



| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
| <b>Data aggregation methods</b>   | <ul style="list-style-type: none"> <li><i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually material and should be stated.</i></li> <li><i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul> | Quoted intercepts refer to individual composite samples and data has not been aggregated.   |
| <b>Relationship between mineralisation widths and intercept lengths</b> | <ul style="list-style-type: none"> <li><i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i></li> </ul>   | <p>All intercepts quoted relate to downhole depth and true width is unknown.</p> <p>Not known.</p> <p>Intercepts in aircore drill holes are expressed in downhole metres.</p>       |
| <b>Diagrams</b>   | <ul style="list-style-type: none"> <li><i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i></li> </ul>   | Diagrams have been included in the text.  |
| <b>Balanced reporting</b>   | <ul style="list-style-type: none"> <li><i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i></li> </ul>   | Information from past drilling has been used to determine exploration targets only.   |
| <b>Other substantive exploration data</b>                               | <ul style="list-style-type: none"> <li><i>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.</i></li> </ul>   | The review made use of publically available aeromagnetics and gravity as well as in-house data acquired with the project.   |
| <b>Further work</b>   | <ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>  | The planned drilling is intended to test hypotheses regarding stratigraphic and structural targets at Bindah extended and regarding potential for shallow gold resources at Galant. |

**Appendix 2 - Matsa Resources Limited – Lake Carey Project**
**Aircore Drill holes Collar information and Maximum Gold Values**

| Hole_ID   | Type | East   | North   | Depth | Azimuth | Dip | RL  | First Of Lease_ID | Max Au |
|-----------|------|--------|---------|-------|---------|-----|-----|-------------------|--------|
| 16LCAC001 | AC   | 450328 | 6761054 | 70    | 0       | -90 | 400 | E39/1752          | 0.15   |
| 16LCAC002 | AC   | 450377 | 6761051 | 76    | 0       | -90 | 400 | E39/1752          | 0.03   |
| 16LCAC003 | AC   | 450428 | 6761052 | 90    | 0       | -90 | 400 | E39/1752          | 0.01   |
| 16LCAC004 | AC   | 449499 | 6761542 | 76    | 0       | -90 | 400 | E39/1752          | 1.56   |
| 16LCAC005 | AC   | 449598 | 6761541 | 23    | 0       | -90 | 400 | E39/1752          | 0.03   |
| 16LCAC006 | AC   | 449699 | 6761540 | 37    | 0       | -90 | 400 | E39/1752          | 0.02   |
| 16LCAC007 | AC   | 449798 | 6761541 | 51    | 0       | -90 | 400 | E39/1752          | 0.01   |
| 16LCAC008 | AC   | 449900 | 6761539 | 57    | 0       | -90 | 400 | E39/1752          | 0.04   |
| 16LCAC009 | AC   | 450000 | 6761539 | 83    | 0       | -90 | 400 | E39/1752          | 0.01   |
| 16LCAC010 | AC   | 450097 | 6761541 | 85    | 0       | -90 | 400 | E39/1752          | 0.32   |
| 16LCAC011 | AC   | 450199 | 6761541 | 110   | 0       | -90 | 400 | E39/1752          | 0.18   |
| 16LCAC012 | AC   | 450296 | 6761541 | 76    | 0       | -90 | 400 | E39/1752          | 0.03   |
| 16LCAC013 | AC   | 450398 | 6761541 | 93    | 0       | -90 | 400 | E39/1752          | 0.01   |
| 16LCAC014 | AC   | 450499 | 6761542 | 82    | 0       | -90 | 400 | E39/1752          | 0.02   |
| 16LCAC015 | AC   | 450600 | 6761540 | 68    | 0       | -90 | 400 | E39/1752          | -0.01  |
| 16LCAC016 | AC   | 450702 | 6761540 | 14    | 0       | -90 | 400 | E39/1752          | 0.07   |
| 16LCAC017 | AC   | 450711 | 6761547 | 63    | 0       | -90 | 400 | E39/1752          | 0.01   |
| 16LCAC018 | AC   | 450803 | 6761543 | 66    | 0       | -90 | 400 | E39/1752          | 0.06   |
| 16LCAC019 | AC   | 450900 | 6761538 | 61    | 0       | -90 | 400 | E39/1752          | 0.17   |
| 16LCAC020 | AC   | 451000 | 6761540 | 85    | 0       | -90 | 400 | E39/1752          | 0.01   |
| 16LCAC021 | AC   | 451100 | 6761539 | 66    | 0       | -90 | 400 | E39/1752          | 0.01   |
| 16LCAC022 | AC   | 451198 | 6761540 | 63    | 0       | -90 | 400 | E39/1752          | 0.03   |
| 16LCAC023 | AC   | 451300 | 6761540 | 57    | 0       | -90 | 400 | E39/1752          | 0.22   |
| 16LCAC024 | AC   | 451252 | 6761939 | 72    | 0       | -90 | 400 | E39/1752          | 0.03   |
| 16LCAC025 | AC   | 451150 | 6761939 | 101   | 0       | -90 | 400 | E39/1752          | 0.08   |
| 16LCAC026 | AC   | 451054 | 6761941 | 93    | 0       | -90 | 400 | E39/1752          | 0.21   |
| 16LCAC027 | AC   | 450952 | 6761940 | 58    | 0       | -90 | 400 | E39/1752          | 0.06   |
| 16LCAC028 | AC   | 450850 | 6761942 | 76    | 0       | -90 | 400 | E39/1752          | 0.1    |
| 16LCAC029 | AC   | 450752 | 6761936 | 77    | 0       | -90 | 400 | E39/1752          | 0.06   |
| 16LCAC030 | AC   | 450463 | 6761940 | 93    | 0       | -90 | 400 | E39/1752          | 0.07   |
| 16LCAC031 | AC   | 450379 | 6761937 | 93    | 0       | -90 | 400 | E39/1752          | 0.14   |
| 16LCAC032 | AC   | 450221 | 6761939 | 100   | 0       | -90 | 400 | E39/1752          | 0.33   |
| 16LCAC033 | AC   | 450145 | 6761931 | 105   | 0       | -90 | 400 | E39/1752          | 0.01   |
| 16LCAC034 | AC   | 449961 | 6761939 | 93    | 0       | -90 | 400 | E39/1752          | 0.09   |
| 16LCAC035 | AC   | 449860 | 6761939 | 93    | 0       | -90 | 400 | E39/1752          | 0.17   |
| 16LCAC036 | AC   | 449763 | 6761939 | 95    | 0       | -90 | 400 | E39/1752          | 0.02   |
| 16LCAC037 | AC   | 449658 | 6761939 | 104   | 0       | -90 | 400 | E39/1752          | 0.17   |
| 16LCAC038 | AC   | 448901 | 6762342 | 40    | 0       | -90 | 400 | E39/1752          | 0.14   |
| 16LCAC039 | AC   | 448997 | 6762338 | 34    | 0       | -90 | 400 | E39/1752          | 0.03   |

|           |    |        |         |     |   |     |     |          |       |
|-----------|----|--------|---------|-----|---|-----|-----|----------|-------|
| 16LCAC040 | AC | 449098 | 6762339 | 24  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC041 | AC | 449199 | 6762340 | 17  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC042 | AC | 449297 | 6762338 | 38  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC043 | AC | 449398 | 6762338 | 59  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 16LCAC044 | AC | 449497 | 6762341 | 87  | 0 | -90 | 400 | E39/1752 | 0.09  |
| 16LCAC045 | AC | 449598 | 6762340 | 70  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 16LCAC046 | AC | 449700 | 6762343 | 72  | 0 | -90 | 400 | E39/1752 | 0.1   |
| 16LCAC047 | AC | 449800 | 6762340 | 60  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC048 | AC | 449895 | 6762348 | 46  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC049 | AC | 449998 | 6762341 | 41  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC050 | AC | 450104 | 6762347 | 65  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC051 | AC | 450201 | 6762341 | 78  | 0 | -90 | 400 | E39/1752 | 0.04  |
| 16LCAC052 | AC | 450302 | 6762341 | 59  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC053 | AC | 450398 | 6762341 | 70  | 0 | -90 | 400 | E39/1752 | 0.04  |
| 16LCAC054 | AC | 450501 | 6762339 | 98  | 0 | -90 | 400 | E39/1752 | 0.08  |
| 16LCAC055 | AC | 450601 | 6762340 | 104 | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC056 | AC | 450701 | 6762340 | 83  | 0 | -90 | 400 | E39/1752 | 0.09  |
| 16LCAC057 | AC | 450799 | 6762341 | 93  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC058 | AC | 450354 | 6762739 | 115 | 0 | -90 | 400 | E39/1752 | 0.05  |
| 16LCAC059 | AC | 450255 | 6762739 | 121 | 0 | -90 | 400 | E39/1752 | 0.08  |
| 16LCAC060 | AC | 450152 | 6762741 | 84  | 0 | -90 | 400 | E39/1752 | 0.05  |
| 16LCAC061 | AC | 450052 | 6762739 | 60  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 16LCAC062 | AC | 449956 | 6762741 | 87  | 0 | -90 | 400 | E39/1752 | 0.04  |
| 16LCAC063 | AC | 449853 | 6762743 | 84  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC064 | AC | 449752 | 6762740 | 48  | 0 | -90 | 400 | E39/1752 | 0.07  |
| 16LCAC065 | AC | 449652 | 6762740 | 84  | 0 | -90 | 400 | E39/1752 | 0.05  |
| 16LCAC066 | AC | 449553 | 6762739 | 98  | 0 | -90 | 400 | E39/1752 | 0.04  |
| 16LCAC067 | AC | 449453 | 6762740 | 94  | 0 | -90 | 400 | E39/1752 | 0.22  |
| 16LCAC068 | AC | 449351 | 6762740 | 73  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 16LCAC069 | AC | 449251 | 6762739 | 31  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 16LCAC070 | AC | 449153 | 6762739 | 42  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 16LCAC071 | AC | 449051 | 6762740 | 43  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 16LCAC072 | AC | 448951 | 6762740 | 26  | 0 | -90 | 400 | E39/1752 | 0.07  |
| 16LCAC073 | AC | 448852 | 6762740 | 48  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 16LCAC074 | AC | 449999 | 6763139 | 68  | 0 | -90 | 400 | E39/1752 | 0.07  |
| 16LCAC075 | AC | 449903 | 6763140 | 93  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC076 | AC | 449804 | 6763140 | 74  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC077 | AC | 449702 | 6763140 | 62  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC078 | AC | 449603 | 6763141 | 44  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC079 | AC | 449500 | 6763140 | 66  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC080 | AC | 449402 | 6763139 | 67  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC081 | AC | 449301 | 6763140 | 71  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 16LCAC082 | AC | 449200 | 6763140 | 83  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 16LCAC083 | AC | 449101 | 6763140 | 92  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 16LCAC084 | AC | 449004 | 6763139 | 72  | 0 | -90 | 400 | E39/1752 | 0.05  |

|           |    |        |         |     |   |     |     |          |       |
|-----------|----|--------|---------|-----|---|-----|-----|----------|-------|
| 16LCAC085 | AC | 448902 | 6763139 | 58  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 16LCAC086 | AC | 448801 | 6763140 | 18  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 16LCAC087 | AC | 448701 | 6763141 | 39  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 16LCAC088 | AC | 448602 | 6763140 | 42  | 0 | -90 | 400 | E39/1752 | 0.1   |
| 16LCAC089 | AC | 448501 | 6763141 | 53  | 0 | -90 | 400 | E39/1752 | 0.17  |
| 16LCAC090 | AC | 448453 | 6763538 | 73  | 0 | -90 | 400 | E39/1752 | 0.1   |
| 16LCAC091 | AC | 448547 | 6763540 | 69  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 17LCAC092 | AC | 448648 | 6763541 | 69  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 17LCAC093 | AC | 448747 | 6763538 | 47  | 0 | -90 | 400 | E39/1752 | 0.13  |
| 17LCAC094 | AC | 448851 | 6763539 | 48  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 17LCAC095 | AC | 448948 | 6763537 | 48  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 17LCAC096 | AC | 449049 | 6763544 | 33  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 17LCAC097 | AC | 449150 | 6763541 | 54  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 17LCAC098 | AC | 449250 | 6763540 | 70  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC099 | AC | 449350 | 6763540 | 35  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC100 | AC | 449448 | 6763535 | 29  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 17LCAC101 | AC | 449553 | 6763539 | 58  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC102 | AC | 449653 | 6763553 | 94  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC103 | AC | 449749 | 6763558 | 84  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 17LCAC104 | AC | 449789 | 6763542 | 70  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 17LCAC105 | AC | 449600 | 6763940 | 111 | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC106 | AC | 449501 | 6763942 | 138 | 0 | -90 | 400 | E39/1752 | 0.02  |
| 17LCAC107 | AC | 449401 | 6763937 | 102 | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC108 | AC | 449299 | 6763942 | 87  | 0 | -90 | 400 | E39/1752 | 0.06  |
| 17LCAC109 | AC | 449201 | 6763942 | 99  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 17LCAC110 | AC | 449100 | 6763942 | 40  | 0 | -90 | 400 | E39/1752 | -0.01 |
| 17LCAC111 | AC | 449003 | 6763939 | 84  | 0 | -90 | 400 | E39/1752 | 0.08  |
| 17LCAC112 | AC | 448906 | 6764000 | 65  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC113 | AC | 448801 | 6763969 | 78  | 0 | -90 | 400 | E39/1752 | 0.04  |
| 17LCAC114 | AC | 448702 | 6763939 | 58  | 0 | -90 | 400 | E39/1752 | 0.03  |
| 17LCAC115 | AC | 448601 | 6763941 | 35  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 17LCAC116 | AC | 448500 | 6763942 | 38  | 0 | -90 | 400 | E39/1752 | 0.06  |
| 17LCAC117 | AC | 448403 | 6763939 | 45  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC118 | AC | 448323 | 6763943 | 52  | 0 | -90 | 400 | E39/1752 | 0.01  |
| 17LCAC119 | AC | 448450 | 6764190 | 55  | 0 | -90 | 400 | E39/1752 | 0.02  |
| 17LCAC120 | AC | 448565 | 6764215 | 56  | 0 | -90 | 400 | E39/1889 | 0.05  |
| 17LCAC121 | AC | 448645 | 6764234 | 60  | 0 | -90 | 400 | E39/1889 | 0.02  |
| 17LCAC122 | AC | 448750 | 6764239 | 52  | 0 | -90 | 400 | E39/1889 | 0.02  |
| 17LCAC123 | AC | 448850 | 6764340 | 66  | 0 | -90 | 400 | E39/1889 | 0.02  |
| 17LCAC124 | AC | 448951 | 6764340 | 65  | 0 | -90 | 400 | E39/1889 | 0.13  |
| 17LCAC125 | AC | 449049 | 6764340 | 111 | 0 | -90 | 400 | E39/1889 | 0.03  |
| 17LCAC126 | AC | 449151 | 6764343 | 124 | 0 | -90 | 400 | E39/1889 | 0.02  |
| 17LCAC127 | AC | 449251 | 6764340 | 121 | 0 | -90 | 400 | E39/1889 | 0.02  |
| 17LCAC128 | AC | 449350 | 6764342 | 103 | 0 | -90 | 400 | E39/1889 | 0.72  |
| 17LCAC129 | AC | 449447 | 6764340 | 96  | 0 | -90 | 400 | E39/1889 | 0.23  |



|           |    |        |         |     |   |     |     |          |       |
|-----------|----|--------|---------|-----|---|-----|-----|----------|-------|
| 17LCAC130 | AC | 449549 | 6764342 | 92  | 0 | -90 | 400 | E39/1889 | 0.14  |
| 17LCAC131 | AC | 449400 | 6764740 | 123 | 0 | -90 | 400 | E39/1889 | 0.14  |
| 17LCAC132 | AC | 449298 | 6764739 | 107 | 0 | -90 | 400 | E39/1889 | 0.03  |
| 17LCAC133 | AC | 449199 | 6764738 | 102 | 0 | -90 | 400 | E39/1889 | 0.01  |
| 17LCAC134 | AC | 449103 | 6764735 | 111 | 0 | -90 | 400 | E39/1889 | 0.05  |
| 17LCAC135 | AC | 449002 | 6764740 | 117 | 0 | -90 | 400 | E39/1889 | 0.03  |
| 17LCAC136 | AC | 448905 | 6764738 | 90  | 0 | -90 | 400 | E39/1889 | 0.04  |
| 17LCAC137 | AC | 448803 | 6764736 | 108 | 0 | -90 | 400 | E39/1889 | -0.01 |
| 17LCAC138 | AC | 448702 | 6764742 | 91  | 0 | -90 | 400 | E39/1889 | 0.05  |
| 17LCAC139 | AC | 448601 | 6764740 | 94  | 0 | -90 | 400 | E39/1889 | 0.04  |
| 17LCAC140 | AC | 448502 | 6764740 | 107 | 0 | -90 | 400 | E39/1889 | 0.04  |
| 17LCAC141 | AC | 448402 | 6764740 | 78  | 0 | -90 | 400 | E39/1889 | 0.05  |
| 17LCAC142 | AC | 448303 | 6764740 | 69  | 0 | -90 | 400 | E39/1889 | 0.02  |
| 17LCAC143 | AC | 448202 | 6764740 | 81  | 0 | -90 | 400 | E39/1889 | 0.04  |
| 17LCAC144 | AC | 448101 | 6764740 | 111 | 0 | -90 | 400 | E39/1770 | 0.02  |
| 17LCAC145 | AC | 448151 | 6764430 | 115 | 0 | -90 | 400 | E39/1770 | 0.02  |
| 17LCAC146 | AC | 448051 | 6764340 | 79  | 0 | -90 | 400 | E39/1770 | 0.06  |
| 17LCAC147 | AC | 447957 | 6764299 | 87  | 0 | -90 | 400 | E39/1770 | 0.03  |
| 17LCAC148 | AC | 448000 | 6764739 | 53  | 0 | -90 | 400 | E39/1770 | 0.06  |
| 17LCAC149 | AC | 447904 | 6764738 | 99  | 0 | -90 | 400 | E39/1770 | 0.04  |
| 17LCAC150 | AC | 447802 | 6764741 | 95  | 0 | -90 | 400 | E39/1770 | 0.04  |
| 17LCAC151 | AC | 447650 | 6765142 | 86  | 0 | -90 | 400 | E39/1770 | 0.02  |
| 17LCAC152 | AC | 447751 | 6765140 | 84  | 0 | -90 | 400 | E39/1770 | 0.01  |
| 17LCAC153 | AC | 447851 | 6765140 | 94  | 0 | -90 | 400 | E39/1770 | 0.02  |
| 17LCAC154 | AC | 447949 | 6765140 | 82  | 0 | -90 | 400 | E39/1770 | 0.02  |
| 17LCAC155 | AC | 448050 | 6765140 | 118 | 0 | -90 | 400 | E39/1770 | 0.03  |
| 17LCAC156 | AC | 448149 | 6765140 | 80  | 0 | -90 | 400 | E39/1770 | 0.03  |
| 17LCAC157 | AC | 448249 | 6765142 | 73  | 0 | -90 | 400 | E39/1889 | 5.17  |
| 17LCAC158 | AC | 448350 | 6765141 | 73  | 0 | -90 | 400 | E39/1889 | 0.03  |
| 17LCAC159 | AC | 448451 | 6765142 | 68  | 0 | -90 | 400 | E39/1889 | 0.06  |
| 17LCAC160 | AC | 448549 | 6765143 | 108 | 0 | -90 | 400 | E39/1889 | 0.07  |
| 17LCAC161 | AC | 448650 | 6765140 | 85  | 0 | -90 | 400 | E39/1889 | 0.01  |
| 17LCAC162 | AC | 448748 | 6765140 | 83  | 0 | -90 | 400 | E39/1889 | 0.04  |
| 17LCAC163 | AC | 448849 | 6765140 | 96  | 0 | -90 | 400 | E39/1889 | 0.02  |
| 17LCAC164 | AC | 448950 | 6765144 | 91  | 0 | -90 | 400 | E39/1889 | 0.02  |
| 17LCAC165 | AC | 449049 | 6765140 | 97  | 0 | -90 | 400 | E39/1889 | 0.04  |
| 17LCAC166 | AC | 449149 | 6765141 | 108 | 0 | -90 | 400 | E39/1889 | 0.01  |
| 17LCAC167 | AC | 449251 | 6765139 | 109 | 0 | -90 | 400 | E39/1889 | 0.1   |
| 17LCAC168 | AC | 449200 | 6765542 | 84  | 0 | -90 | 400 | E39/1889 | 0.01  |
| 17LCAC169 | AC | 449101 | 6765541 | 81  | 0 | -90 | 400 | E39/1889 | -0.01 |
| 17LCAC170 | AC | 449001 | 6765541 | 109 | 0 | -90 | 400 | E39/1889 | 0.03  |
| 17LCAC171 | AC | 448902 | 6765542 | 120 | 0 | -90 | 400 | E39/1889 | 0.21  |
| 17LCAC172 | AC | 448802 | 6765540 | 85  | 0 | -90 | 400 | E39/1889 | 0.09  |
| 17LCAC173 | AC | 448703 | 6765539 | 76  | 0 | -90 | 400 | E39/1889 | 0.19  |
| 17LCAC174 | AC | 448600 | 6765539 | 78  | 0 | -90 | 400 | E39/1889 | 0.1   |

|           |    |        |         |     |   |     |     |          |      |
|-----------|----|--------|---------|-----|---|-----|-----|----------|------|
| 17LCAC175 | AC | 448503 | 6765537 | 69  | 0 | -90 | 400 | E39/1889 | 0.02 |
| 17LCAC176 | AC | 448404 | 6765539 | 83  | 0 | -90 | 400 | E39/1889 | 0.02 |
| 17LCAC177 | AC | 448302 | 6765538 | 98  | 0 | -90 | 400 | E39/1889 | 0.23 |
| 17LCAC178 | AC | 448201 | 6765539 | 111 | 0 | -90 | 400 | E39/1889 | 0.27 |
| 17LCAC179 | AC | 448099 | 6765536 | 108 | 0 | -90 | 400 | E39/1770 | 0.03 |
| 17LCAC180 | AC | 448000 | 6765540 | 88  | 0 | -90 | 400 | E39/1770 | 0.02 |
| 17LCAC181 | AC | 447901 | 6765540 | 53  | 0 | -90 | 400 | E39/1770 | 0.02 |
| 17LCAC182 | AC | 447798 | 6765540 | 60  | 0 | -90 | 400 | E39/1770 | 0.04 |
| 17LCAC183 | AC | 447702 | 6765538 | 71  | 0 | -90 | 400 | E39/1770 | 0.03 |
| 17LCAC184 | AC | 447602 | 6765540 | 61  | 0 | -90 | 400 | E39/1770 | 0.07 |
| 17LCAC185 | AC | 447349 | 6765938 | 102 | 0 | -90 | 400 | E39/1770 | 0.01 |
| 17LCAC186 | AC | 447449 | 6765939 | 104 | 0 | -90 | 400 | E39/1770 | 0.01 |
| 17LCAC187 | AC | 447548 | 6765941 | 102 | 0 | -90 | 400 | E39/1770 | 0.03 |
| 17LCAC188 | AC | 447649 | 6765940 | 99  | 0 | -90 | 400 | E39/1770 | 0.02 |
| 17LCAC189 | AC | 447750 | 6765940 | 87  | 0 | -90 | 400 | E39/1770 | 0.02 |
| 17LCAC190 | AC | 447850 | 6765939 | 115 | 0 | -90 | 400 | E39/1770 | 0.07 |
| 17LCAC191 | AC | 447951 | 6765940 | 117 | 0 | -90 | 400 | E39/1770 | 0.04 |
| 17LCAC192 | AC | 448050 | 6765939 | 103 | 0 | -90 | 400 | E39/1770 | 0.02 |
| 17LCAC193 | AC | 448150 | 6765941 | 95  | 0 | -90 | 400 | E39/1770 | 0.01 |
| 17LCAC194 | AC | 448251 | 6765940 | 94  | 0 | -90 | 400 | E39/1889 | 0.07 |
| 17LCAC195 | AC | 448349 | 6765939 | 87  | 0 | -90 | 400 | E39/1889 | 2.22 |
| 17LCAC196 | AC | 448450 | 6765940 | 105 | 0 | -90 | 400 | E39/1889 | 0.06 |
| 17LCAC197 | AC | 448551 | 6765941 | 105 | 0 | -90 | 400 | E39/1889 | 0.32 |
| 17LCAC198 | AC | 448649 | 6765940 | 105 | 0 | -90 | 400 | E39/1889 | 0.02 |

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