

## 83 MILLION TONNES OF MEASURED AND INDICATED RESOURCE ESTIMATED AT TRÊS ESTRADAS PHOSPHATE DEPOSIT

## Highlights:

- Total Measured and Indicated resource of 83 million tonnes grading $4.1 \% \mathrm{P}_{2} \mathrm{O}_{5}$, using a cut-off grade of $3 \% \mathrm{P}_{2} \mathrm{O}_{5}$ and an additional 21.8 million tonnes grading $3.7 \%$ in the inferred category.
- Measured and Indicated resource of oxidized material occurring at surface of 5.3 million tonnes grading $8.8 \% \mathrm{P}_{2} \mathrm{O}_{5}$, using a cut-off grade of $3 \% \mathrm{P}_{2} \mathrm{O}_{5}$.
- Measured and Indicated resource of fresh rock located immediately under the oxidized material of 77.9 million tonnes grading $3.8 \% \mathrm{P}_{2} \mathrm{O}_{5}$, using a cut-off grade of $3 \% \mathrm{P}_{2} \mathrm{O}_{5}$.
- The Measured and Indicated resources could support five years of production mining oxidized material and an additional 15 years mining fresh rock at a production rate of 300 thousand tonnes per year of phosphate concentrate.

SYDNEY, AUSTRALIA September 20, 2017 - Brazilian fertilizer developer Aguia Resources Limited (ASX: AGR, TSXV: AGRL) ("Aguia" or the "Company") is pleased to report to shareholders that the Company has completed the modeling and update of the Três Estradas Phosphate Resource. The entire dataset was subject to independent revision and auditing by Millcreek Mining Group who have signed off on the new resource statement for the project (the "Mineral Resource Statement"). The resource estimate meets the criteria required to be compliant with both JORC and NI 43-101 standards.

The Mineral Resource Statement is based on the results of an extensive drilling campaign carried out by Aguia between December 2016 and June 2017. During this period, Aguia completed 61 core holes $(9,708 \mathrm{~m})$ and 90 reverse circulation holes $(4,496 \mathrm{~m})$. The primary goal of this drilling campaign was to increase the geologic assurance and classification of the inferred resources identified in the 2016 resource statement related to the Tres Estradas project. The drilling campaign was successful in converting most Inferred Resources in the 2016 resource estimate to Measured and Indicated categories as well as discovering and delineating additions to the Tres Estradas deposit, including a new extension to the deposit.

The Mineral Resource Statement now includes 83 million tonnes grading $4.1 \% \mathrm{P}_{2} \mathrm{O}_{5}$ of Measured and Indicated resources. Thus, 79\% of the current resource model now falls in the Measured \& Indicated category, whereas the previous model comprised only $21 \%$ of Measured and Indicated resources.

In addition to a high rate of conversion of Inferred Resources to Measured and Indicated resources, the Mineral Resource Statement also identified a new shallow zone of mineralization within the existing borders of the Tres Estradas pit shell.

With a $41 \%$ larger resource, the Company has the option to select a higher cut-off grade as feedstock for the planned operation, which subject to completion of the ongoing Bankable Feasibility Study ("BFS"), is anticipated to have an annual output of 300,000 tpy of phosphate concentrate

Table 1: Mineral Resource Statement*, Três Estradas Phosphate Project, Rio Grande do Sul, Brazil September 19, 2017

|  |  | $\begin{aligned} & \hline \text { Tonnage } \\ & \text { (Tx1,000) } \end{aligned}$ | $\mathrm{P}_{2} \mathrm{O}_{5} \%$ | CaO\% | MgO\% | $\mathrm{Fe}_{2} \mathrm{O}_{3} \%$ | $\mathrm{SiO}_{2} \%$ | $\mathrm{Al}_{2} \mathrm{O}_{3} \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Oxidized | Measured | 851 | 9.95 | 17.72 | 5.69 | 18.53 | 29.19 | 4.84 |
|  | Indicated | 4,487 | 8.60 | 15.55 | 5.01 | 18.01 | 32.84 | 6.22 |
|  | Total Measured \& Indicated | 5,338 | 8.81 | 15.90 | 5.12 | 18.09 | 32.26 | 6.00 |
|  | Inferred | 45 | 5.41 | 20.17 | 5.61 | 12.17 | 29.81 | 6.80 |
| Fresh Rock | Measured | 35,345 | 3.87 | 33.97 | 8.06 | 8.16 | 11.68 | 1.98 |
|  | Indicated | 42,527 | 3.72 | 33.43 | 7.66 | 8.19 | 13.60 | 2.60 |
|  | Total Measured \& Indicated | 77,872 | 3.78 | 33.67 | 7.84 | 8.18 | 12.73 | 2.31 |
|  | Inferred | 21,800 | 3.66 | 33.65 | 8.06 | 7.94 | 12.94 | 2.36 |
| Grand Total Measured \& Indicated |  | 83,210 | 4.11 | 32.53 | 7.67 | 8.81 | 13.98 | 2.55 |
| Grand Total Inferred |  | 21,845 | 3.67 | 33.62 | 8.06 | 7.95 | 12.98 | 2.36 |

* Mineral Resources are not mineral reserves and have not demonstrated economic viability. All figures are rounded to reflect relative accuracy of the estimates. The mineral resources are reported within a conceptual pit shell using a cut-off grade of $3.0 \%$ for all mineralized domains. Optimization parameters include a mining recovery of $100 \%, 0 \%$ dilution, process recovery of $87 \% \mathrm{P}_{2} \mathrm{O}_{5}$ for saprolites and $80 \%$ $\mathrm{P}_{2} \mathrm{O}_{5}$ recovery for fresh rock, concentrate grade of $35.0 \%$ for saprolite and $32.0 \%$ for fresh rock, pit slopes of $34^{\circ}$ for saprolite $/ 51^{\circ} \& 55^{\circ}$ for fresh rock, selling price of US\$215 for $\mathrm{P}_{2} \mathrm{O}_{5}$ concentrate and exchange rate of $3.2 \mathrm{R} \$$ to US\$.

The key changes between the Mineral Resource Statement and the previous estimate presented in 2016 include:

- The previous estimate in 2016 identified 15.07 million tonnes (MT) of Measured plus Indicated resources at a $\mathrm{P}_{2} \mathrm{O}_{5}$ grade of $4.75 \%$ using a $3.0 \%$ cut-off. The new estimate identifies 83.2 MT of Measured plus Indicated resources at a $4.11 \% \mathrm{P}_{2} \mathrm{O}_{5}$ grade using a $3.0 \%$ cut-off. Inferred Resources have decreased from 58.9MT to 21.8MT in the Mineral Resource Statement.
- Tighter estimation parameters have been implemented in the Mineral Resource Statement.
- Rock density values have been incorporated into the block model versus the usage of average density values for each of the mineralized domains.
- The 2016 mineral resource statement included resources for the Joca Tavares deposit. There has been no additional work done at Joca Tavares and resources from that deposit are not included in this Mineral Resource Statement.

Table 2: Change in Mineral Resource Statement from June 24, 2016 to September 19, 2017

|  | Mineral <br> Resource <br> June 24, <br> 2016 | Mineral <br> Resource <br> September <br> 19,2017 | Total Change | \% Change |
| :--- | :--- | :--- | :--- | :--- |
|  | Tonnage (T x 1000) |  |  |  |

Technical Director Dr. Fernando Tallarico commented "After an extensive drilling campaign we are very excited by this outcome. Not only were we able to expand the global resource, but the current 83 MT of Measured and Indicated resources is bigger than the global resource we reported previously. This resource expansion together with the exceptional conversion rate to Measured and Indicated categories will allow important optimizations of the mining plan, including choices of higher cut-off grades of the run of mine that ultimately we expect will improve the production costs of the project".

Managing Director Justin Reid added, "The drilling program was expanded due to excellent results. Not only have we had a very high conversion rate from Inferred to Measured \& Indicated resources, the identification of the new limb in the southeast zone has allowed us to add to the resource within the existing pit borders. The results we have now prove that this is a high quality, consistent phosphate asset that will now form the basis for the BFS which is laying out the development plan for the Três Estradas project. The option of an increased cut-off grade means we will mine the highest-grade, lowest strip, most profitable rock. I am optimistic this will result in a material impact to our overall mining costs and calculated strip-ratio as we finalize the ultimate mine plan."

Table 3: Sensitivity analysis of the Três Estradas Resource by different cut-off grades. Columns include only Measured and Indicated resources

| Oxidized Measured \& Indicated |  |  |
| :---: | :---: | :---: |
| Cut-Off <br> $\mathrm{P}_{2} \mathrm{O}_{5} \%$ | Tonnage <br> $(\mathrm{T} \times 1,000)$ | $\mathrm{P}_{2} \mathrm{O}_{5} \%$ |
| 10.00 | 1,911 | 12.85 |
| 9.00 | 2,415 | 12.15 |
| 8.00 | 2,945 | 11.49 |
| 7.00 | 3,453 | 10.90 |
| 6.00 | 3,899 | 10.40 |
| 5.00 | 4,425 | 9.82 |
| 4.50 | 4,605 | 9.62 |
| 4.00 | 4,827 | 9.38 |
| 3.70 | 4,969 | 9.22 |
| 3.60 | 5,017 | 9.16 |
| 3.50 | 5,075 | 9.10 |
| 3.00 | 5,338 | 8.81 |


| Fresh Rock Measured \& Indicated |  |  |
| :---: | :---: | :---: |
| Cut-Off <br> $\mathrm{P}_{2} \mathrm{O}_{5} \%$ | Tonnage <br> $(\mathrm{T} \times 1,000)$ | $\mathrm{P}_{2} \mathrm{O}_{5} \%$ |
| 7.00 | 114 | 7.66 |
| 6.00 | 316 | 6.90 |
| 5.00 | 1,660 | 5.59 |
| 4.50 | 6,587 | 4.92 |
| 4.00 | 21,757 | 4.42 |
| 3.70 | 38,431 | 4.17 |
| 3.60 | 44,450 | 4.10 |
| 3.50 | 53,125 | 4.01 |
| 3.00 | 77,872 | 3.78 |

Picture1-3D Model isometric view showing the different ore typologies


## Qualified Persons

The scientific and technical information contained in this news release pertaining to the Tres Estradas project has been reviewed and approved by the following Qualified Person under NI 43-101, Mr. Steven B. Kerr P.G, C.P.G., Principal Consultant (Geology), who consents to the inclusion of his name in this release and who is independent of Aguia.

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#### Abstract

About Aguia: Aguia Resources Limited, ("Aguia") is an ASX and TSXV listed company whose primary focus is on the exploration and development of phosphate projects in Brazil. Aguia has an established and highly experienced in-country team based in Belo Horizonte, Brazil with corporate offices in Sydney, Australia. Aguia's key projects are located in Rio Grande do Sul, a prime farming area which is $100 \%$ dependent on phosphate imports. The Rio Grande phosphate deposits exhibit high quality and low cost production characteristics, and are ideally located with proximity to road, rail, and port infrastructure. Aguia's experienced management team has a proven track record of advancing high quality mining assets to production in Brazil.


## Cautionary Statement on Forward Looking Information

This press release contains "forward-looking information" within the meaning of applicable Canadian and Australian securities legislation. Forward-looking information includes, without limitation, statements regarding the results of the Mineral Resource Statement, the mineral resource estimates, production targets, the anticipated timetable, permitting, forecast financial information, bankable feasibility study and ability to finance the project, and the prospectivity and potential of the Tres Estradas project.

Generally, forward-looking information can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". The material factors and assumptions underlying the forward-looking information of the Mineral Resource Statement results have been outlined above and will be detailed in the associated technical report.

Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including risks inherent in the mining industry and risks described in the public disclosure of the Company which is available under the profile of the Company on SEDAR at www.sedar.com, on the ASX website at www.asx.com.au and on the Company's website at www.aguiaresouces.com.au. These risks should be considered carefully.

Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. Persons reading this news release are cautioned that such statements are only predictions and there can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forwardlooking information. The Company disclaims any intent or obligation to update or revise any forward looking statements whether as a result of new information, estimates, options, future events, results or otherwise and does not undertake to update any forward-looking information, except in accordance with applicable securities laws.

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# Três Estradas Phosphate Project's 2017 Mineral Resource Statement, Rio Grande do Sul, Brazil 

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Report Date:
September 8, 2017
Project Number:
16M42

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## 1 INTRODUCTION

This Três Estradas Phosphate Project's 2017 Mineral Resource Statement is an update to a Mineral Resource Statement dated July 7, 2016. The Três Estradas Phosphate Project (TE) is located in the state of Rio Grande do Sul in southern Brazil. (Figure 1). The Mineral Resource Statement is based on the results of an extensive drilling campaign carried out between December, 2016 and June, 2017.

During this period, Aguia completed 61 core holes $(9,708 \mathrm{~m})$ and 90 reverse circulation holes $(4,496 m)$. The primary goal of this drilling campaign was to increase the geologic assurance and classification of the inferred resources identified in the 2016 resource statement. The drilling campaign was successful in converting most Inferred Resources to Measured and Indicated categories identified in the 2016 resource estimate as well as discovering and delineating additions to the deposit, including a new extension to the deposit.


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## 2 MINERAL RESOURCE

The estimated Mineral Resource Statement is presented in Table 2.1. The Mineral Resource estimated has been reported in accordance with the 2012 edition of the JORC Code. The Mineral Resource Statement is based on data from 139 core holes (20,509.5m) and 244 RC holes ( $7,800.0 \mathrm{~m}$ ). The drilling database contains 11,998 samples in mineralized domains and has been updated to the July 7, 2016 Mineral Resource Statement. Based on the results of recent drilling, the geologic interpretation and estimation parameters have been revisited.

Table 2.1 Audited Mineral Resource Statement*, Três Estradas Phosphate Project, Rio Grande do Sul, Brazil September 8, 2017

| Resource Classification | Domain | $\begin{gathered} \text { Volume } \\ \left(\mathrm{m}^{3} \times 1000\right) \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { Tonnage } \\ \text { (T X 1000) } \end{array}$ | Density $\left(\mathrm{T} / \mathrm{m}^{3}\right)$ | $\mathrm{P}_{2} \mathrm{O}_{5} \%$ | $\mathrm{P}_{2} \mathrm{O}_{5} \mathrm{as}$ Apatite (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Measured | AMSAP | 36 | 55 | 1.54 | 6.63 | 15.70 |
|  | CBTSAP | 491 | 796 | 1.63 | 10.18 | 24.11 |
|  | WMCBT | 602 | 1,686 | 2.81 | 4.24 | 10.03 |
|  | MCBT | 11,619 | 33,004 | 2.85 | 3.85 | 9.12 |
|  | MAMP | 227 | 655 | 2.89 | 3.72 | 8.81 |
| Total Measured |  | 12,975 | 36,196 | 2.82 | 4.01 | 9.50 |
| Indicated | AMSAP | 400 | 653 | 1.65 | 5.00 | 11.85 |
|  | CBTSAP | 2,330 | 3,834 | 1.66 | 9.21 | 21.82 |
|  | WMCBT | 370 | 1,026 | 2.78 | 4.38 | 10.39 |
|  | MCBT | 13,000 | 36,984 | 2.85 | 3.67 | 8.69 |
|  | MAMP | 1,571 | 4,517 | 2.88 | 3.98 | 9.43 |
| Total Indicated |  | 17,671 | 47,014 | 2.74 | 4.18 | 9.91 |
| Total Measured + Indicated Resources |  | 30,646 | 83,210 | 2.77 | 4.11 | 9.73 |
| Inferred | CBTSAP | 27 | 45 | 1.64 | 5.41 | 12.82 |
|  | WMCBT | 16 | 45 | 2.83 | 3.93 | 9.32 |
|  | MCBT | 7,034 | 20,247 | 2.88 | 3.65 | 8.64 |
|  | MAMP | 528 | 1,508 | 2.87 | 3.89 | 9.22 |
| Total Inferred |  | 7,605 | 21,845 | 2.88 | 3.67 | 8.69 |

* Mineral Resources are not mineral reserves and have not demonstrated economic viability. All figures are rounded to reflect relative accuracy of the estimates. The mineral resources are reported within a conceptual pit shell using a cut-off grade of $3.0 \%$ for all mineralized domains. Optimization parameters include a mining recovery of $100 \%, 0 \%$ dilution, process recovery of $87 \%$ $\mathrm{P}_{2} \mathrm{O}_{5}$ for saprolites and $80 \% \mathrm{P}_{2} \mathrm{O}_{5}$ recovery for fresh rock, concentrate grade of $35.0 \%$ for saprolite and $32.0 \%$ for fresh rock, pit slopes of $34^{\circ}$ for saprolite $/ 51^{\circ} \& 55^{\circ}$ for fresh rock, selling price of US $\$ 215$ for $\mathrm{P}_{2} \mathrm{O}_{5}$, and exchange rate of 3.2 US\$ to $\mathrm{R} \$$.


## 3 VARIANCES IN THE 2017 MINERAL RESOURCE STATEMENT

There are significant variances to the 2017 Mineral Resource compared to the previous estimate presented in 2016. Key changes include

- The previous estimate in 2016, identified 15.07 million tonnes (MT) of Measured plus Indicated resources at a $\mathrm{P}_{2} \mathrm{O}_{5}$ grade of $4.75 \%$ using a $3.0 \%$ cut-off. The new estimate identifies 83.2MT of Measured plus Indicated resources at a $4.11 \% \mathrm{P}_{2} \mathrm{O}_{5}$ grade using a $3.0 \%$ cut-off. Inferred Resources have dropped from 58.9MT to 21.8 MT in the 2017 estimate.
- The overall size of the deposit (Measured + Indicated + Inferred) has grown from 74.7MT to 105.1 MT ;
- Tighter estimation parameters have been implemented in the 2017 Mineral Resource;
- Rock density values have been incorporated into the block model versus the usage of average density values for each of the mineralized domains.
- The July 2016 Mineral Resource Statement included resources for the Joca Tavares deposit. There has been no additional work done at Joca Tavares and resources from that deposit are not included in this Mineral Resource estimate.


## 4 GEOLOGY AND GEOLOGIC INTERPRETATION

The Três Estradas deposit consists of an elongated meta-carbonatite intrusion with a strike of $50^{\circ}$ to $60^{\circ}$. The linear-type carbonatite plunges steeply from $70^{\circ}$ to vertical $\left(90^{\circ}\right)$ towards the northwest. The surface expression of the intrusion is approximately 2.5 km along the strike with a width of approximately 300m. The Late Archean to Early Proterozoic intrusion is intensely recrystallized and metamorphosed to amphibolite assemblages. Phosphate mineralization occurs as small, sub-millimeter apatite crystals, disseminated throughout the meta-carbonatite and much of the amphibolite.

Previous to the latest drilling campaign, the deposit was interpreted as a layered assemblage of meta-carbonatite and amphibolite. Recent drilling identified an extension to the deposit along the southeast side. The new zone represents an eastward dipping limb of an anticline. The new zone, along with some of the delineation drilling conducted along the west side of the deposit, now indicates the meta-carbonatite and amphibolite represent a tightly folded metamorphic sequence of rocks. In previous modelling of the deposit, Aguia had deliberately tapered the projections of the meta-carbonatite and amphibolite at depths past known and limited drilling intercepts. The drilling campaign completed in 2017 has confirmed that meta-carbonatite and amphibolite assemblages maintain thickness at depth and in some cases, thicken at depth.

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## 5 DRILLING

Aguia has completed five drilling campaigns on the Três Estradas area between 2011 and 2017. Drilling for resource characterization has included 139 core holes $(20,509.5 \mathrm{~m})$ and 244 reverse circulation (RC) holes ( $7,800.0 \mathrm{~m}$ ). This includes drilling from the fifth and most recent 2017 campaign that has focused on further delineating inferred resources to improve resource classification and in delineating resources in the new extension along the southeast side of the deposit (Table 5.1).

Table 5.1 Drilling Summary

| }{ Campaign } | Time Period | Type | No. of <br> Holes | Total <br> Length <br> $(\mathbf{m})$ |
| :---: | :---: | :---: | :---: | :---: |
|  | Oct - Nov 2011 | Core | 19 | $1,317.15$ |
| 2 | Jul - Oct 2012 | Core | 21 | $4,016.75$ |
|  | RC | 105 | $2,151.00$ |  |
| 3 | Nov 2014 - Jan <br> 2015 | Core | 20 | $3,272.90$ |
|  | RC | 49 | $1,153.00$ |  |
| 4 | Oct - Dec 2015 | Core | 18 | $2,194.65$ |
| 5 | Nov 2016 - Jun <br> 2017 | Core | 61 | $9,708.05$ |
|  | RC | 90 | $4,496.00$ |  |
|  |  |  |  | Total |

Core holes were drilled using wireline methods. HQ size ( 63.5 mm diameter core) core tools were used for drilling through weathered and saprolitic material. NQ size ( 47.6 mm diameter core) tools were used for drilling through fresh rock. Core recovery has exceeded $90 \%$ in $97 \%$ of all core holes. With the exception of nine vertical holes, coring has utilized angle drilling to intersect the steeply plunging rocks. All RC holes are vertical holes focused on delineating the saprolite mineralization and weathered horizons overlying the fresh meta-carbonatite and amphibolite.

In addition to core and RC drilling, Aguia has also completed 487 shallow auger holes. Auger drilling has been an effective way of prospecting and delineating mineralization in the saprolite. Auger holes have not been used in resource modeling and estimation.

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## 6 SAMPLING TECHNIQUES

Following detailed logging by Aguia's geologists, core is cut longitudinally with half of the core going towards analysis and the other half being returned to the core box for reference. Sampling through mineralization is targeted on one-meter intervals but honors lithologic contacts. All RC drilling is sampled at one-meter intervals. All samples are assigned a unique sample number with blanks, standards, and duplicates inserted systematically with each batch of samples. Samples are sent via commercial carrier to the analytical facility for sample preparation and analysis.

A total of 4,216 specific gravity measurements have been completed on core samples for Três Estradas. Specific gravity measurements have been determined from whole core segments using a weight in air/weight in water method. Specific gravity measurements have been incorporated into the geologic block model.

## 7 SAMPLE ANALYSIS

From the start of exploration activities up through October, 2012, ALS Laboratories in Vespasiano, Minas Gerais and Lima, Peru were the primary facilities used for the analysis of drilling samples. After October, 2012, all subsequent samples from Três Estradas were sent to SGS Geosol, also in Vespasiano, as the primary analytical laboratory.

X-Ray Fluorescence (XRF) analysis has been used to determine major oxide amounts on all core and RC samples. Sample pulps are fused with lithium metaborate and analyzed by XRF for $\mathrm{Al}_{2} \mathrm{O}_{3}, \mathrm{CaO}, \mathrm{Fe}_{2} \mathrm{O}_{3}, \mathrm{~K} 2 \mathrm{O}, \mathrm{MgO}, \mathrm{MnO}_{2}, \mathrm{Na}_{2} \mathrm{O}, \mathrm{P}_{2} \mathrm{O}_{5}, \mathrm{SiO}_{2}$, and $\mathrm{TiO}_{2}$. All oxides are reported in weight percent. In addition, samples from the first drilling campaign were also subjected to the 31 element ICP analysis. In the last campaign of drilling, $\mathrm{Nb}_{2} \mathrm{O}_{5}$ was also determined by XRF.

## 8 RESOURCE ESTIMATION METHODOLOGY

Aguia has developed a geologic block model of the Três Estradas Property phosphate deposit using GEMS ${ }^{\top M}$ software. Modeling was constructed by developing a series of vertical sections spaced at 50 m intervals linked together with tie lines. Mineralization has an approximate strike length of $2,400 \mathrm{~m}$ and extends to a depth of 370 m below surface. Mineralized zones range in thickness from 5 m to 100 m .

The model recognizes five mineralized, lithologic domains and three non-mineralized domains as listed in Table 8.1.

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Table 8.1 Model Lithologic Domains

| Typology | Domain | Average Ordinary Kriging Density | Block <br> Model <br> Code | Description |
| :---: | :---: | :---: | :---: | :---: |
|  | CBTSAP | 1.60 | 120 | Saprolite of Carbonatite |
|  | WMCBT | 2.80 | 110 | Weathered Carbonatite |
|  | MCBT | 2.85 | 100 | Meta-Carbonatite |
|  | AMPSAP | 1.65 | 220 | Saprolite of Amphibolite |
|  | MAMP | 2.87 | 200 | Amphibolite |
| $\begin{aligned} & \text { w } \\ & \text { N } \\ & 3 \\ & 3 \end{aligned}$ | AMPSAP-WASTE | 1.77 | 22 | Saprolite of Amphibolite Waste |
|  | WMAMP-WASTE | 2.83 | 21 | Weathered Amphibolite Waste |
|  | MAMP-WASTE | 2.91 | 20 | Amphibolite Waste |
|  | W-SAP | 1.81 | 32 | Saprolite Waste (Meta-Syenite, Gneiss) |
|  | W-WEATH | 2.59 | 31 | Weathered Waste (Meta-Syenite, Gneiss) |
|  | W-ROCK | 2.68 | 30 | Fresh Rock Waste (Meta-Syenite, Gneiss) |
|  | CBTSAP-WASTE | 1.63 | 42 | Saprolite of Carbonatite Waste |
|  | WMCBT-WASTE | 2.76 | 41 | Weathered Carbonatite Waste |
|  | MCBT-WASTE | 2.80 | 40 | Meta-Carbonatite Waste |

Aguia constructed wireframes of the meta-carbonatite and the amphibolite. Metacarbonatite is differentiated by weathering into three domains: saprolite, weathered carbonatite, and fresh meta-carbonatite. Amphibolite is separated into two domains: saprolite and fresh amphibolite.

All assays were composited to 1.0 m lengths. All estimations are based on a homogeneous block model. Dimensions of the block model are displayed in Table 8.2. Grade estimations were made using ordinary kriging interpolation for all mineralized domains: MCBT, WMCBT, MAMP, CBTSAP, and AMPSAP.

Table 8.2 Block Model Dimensions

| Dimensions | Minimum | Maximum | Block <br> Size | Number of <br> Blocks |
| :--- | ---: | ---: | :--- | :--- |
| $\mathbf{X}$ | 766,350 | 769,110 | 12 | 230 |
| $\mathbf{Y}$ | $6,575,650$ | $6,576,820$ | 6 | 195 |
| Z | -100 | 400 | 10 | 50 |
| Rotation | 35 |  |  |  |

Figure 8.1 presents a perspective view of the modeled 3D solids and surfaces of the model. Figure 8.2 presents a perspective view of sectional slices through the 3D solids.

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Figure 8.1 Perspective View of the Modeled 3D Solids from the Block Model for Tres Estradas


Figure 8.2 Perspective View of Sectional Slices through the 3D Solids


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Aguia has not employed any grade capping to limit the influence of high-grade outliers but has applied a high-grade limit to reduce the influence of the high-grade values. Following a top-cut analysis, $9.0 \% \mathrm{P}_{2} \mathrm{O}_{5}$ was selected as the high-grade limit. When grade estimation for $\mathrm{P}_{2} \mathrm{O}_{5}$ reaches this limit, the size of the search ellipsoids is reduced to half of its original size.

Aguia performed a series of variograms and variogram maps to model the spatial continuity of the six oxides $\left(\mathrm{P}_{2} \mathrm{O}_{5}, \mathrm{CaO}, \mathrm{Al}_{2} \mathrm{O}_{3}, \mathrm{Fe}_{2} \mathrm{O}_{3}, \mathrm{MgO}\right.$, and SiO 2$)$ along with specific gravity. Search ellipsoids and different orientations for strike, dip and plunge were evaluated using variogram maps. The test results of the normalized anisotropic variograms are presented in the Table 8.3. The variography studies were performed using the composites in the meta-carbonatite (MCBT). Variography shows a preference in orientation that is nearly coincidental to the strike and dip of the meta-carbonatite and the Cerro dos Cabritos Fault. The variograms were normalized before running the resource estimation.

Table 8.3 Variogram Parameters used for Resource Estimation

| Domain | Variable | GEMS Rotation (ADA) |  |  | Variogram Model |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Azimuth ${ }^{1}$ | Dip ${ }^{2}$ | Azimuth ${ }^{3}$ | Nugget | Str. No. | Type | CC | Y Range (width) | X Range (strike) | Z Range (vertical) |
| MCBT | P205\% | 50 | 0 | 140 | 0.1 | 1 | spherical | 0.5 | 15 | 100 | 5 |
|  |  | 50 | 0 | 140 |  | 2 | spherical | 0.4 | 35 | 160 | 45 |
| MCBT | CAO\% | 50 | 0 | 140 | 0.25 | 1 | spherical | 0.4 | 15 | 80 | 7 |
|  |  | 50 | 0 | 140 |  | 2 | spherical | 0.35 | 30 | 170 | 36 |
| MCBT | MGO\% | 50 | 0 | 140 | 0.1 | 1 | spherical | 0.3 | 15 | 95 | 7 |
|  |  | 50 | 0 | 140 |  | 2 | spherical | 0.6 | 40 | 180 | 50 |
| MCBT | FE2O3\% | 50 | 0 | 140 | 0.25 | 1 | spherical | 0.35 | 40 | 35 | 3 |
|  |  | 50 | 0 | 140 |  | 2 | spherical | 0.4 | 55 | 70 | 11 |
| MCBT | SIO2 | 50 | 0 | 140 | 0.1 | 1 | spherical | 0.55 | 25 | 60 | 3.5 |
|  |  | 50 | 0 | 140 |  | 2 | spherical | 0.35 | 25 | 110 | 12 |
| MCBT | AL2O3 | 50 | 0 | 140 | 0.25 | 1 | spherical | 0.4 | 30 | 95 | 6 |
|  |  | 50 | 0 | 140 |  | 2 | spherical | 0.35 | 40 | 150 | 25 |
| Domain | Variable | GEMS Rotation (ADA) |  |  | Variogram Model |  |  |  |  |  |  |
|  |  | Azimuth ${ }^{1}$ | Dip ${ }^{2}$ | Azimuth ${ }^{3}$ | Nugget | Str. No. | Type | CC | Y Range (width) | X Range (strike) | Z Range (vertical) |
| MCBT | S.G. | 0 | 0 | 0 | 0 | 1 | spherical | 0.5 | 110 | 110 | 110 |
|  |  | 0 | 0 | 0 |  | 2 | spherical | 0.5 | 190 | 190 | 190 |
| MAMP | S.G. | 0 | 0 | 0 | 0.1 | 1 | spherical | 0.2 | 45 | 45 | 45 |
|  |  | 0 | 0 | 0 |  | 2 | spherical | 0.7 | 225 | 225 | 225 |
|  |  |  |  |  |  |  |  |  |  |  |  |

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The estimation for the six oxide variables $\left(\mathrm{P}_{2} \mathrm{O}_{5}, \mathrm{CaO}, \mathrm{Al}_{2} \mathrm{O}_{3}, \mathrm{Fe}_{2} \mathrm{O}_{3}, \mathrm{MgO}\right.$, and SiO 2$)$ and specific gravity were done using ordinary kriging interpolation for all the domains: MCBT, WMCBT, MAMP, CBTSAP and AMPSAP. All estimations are based on 1.0 m composites on a homogeneous block model with unitary dimensions of 12 m N , by 6 m E , and 10 m in elevation rotated $40^{\circ}$ in a clock-wise direction. Three estimation passes were used with progressively relaxed search ellipsoids and data requirements based on the Variography.

- Pass 1: Blocks estimated in the first pass using half the distance of variogram range and based on composites from a minimum of three boreholes;
- Pass 2: Blocks estimated in the first two passes within the full range of the variogram and based on composites from a minimum of two boreholes; and
- Pass 3: All remaining blocks within the wireframe limits in an unconfined search not classified in the first two estimation passes.


## 9 MINERAL RESOURCE CLASSIFICATION CRITERIA

The resource classification involved a two-stage process.
Stage 1: Relevant mathematical parameters were saved in the block model and the blocks. These variables are:
i. Interpolation pass (pass);
ii. Distance of the closest sample from the block center (mindist);
iii. Average distance of samples used in estimating any block (avdist);
iv. Number of drill holes used for estimating any block (nndh);
v. The kriging variance of grade estimation (kvar).

Stage 2: The above variables were used as supporting mathematical variables for finalization of the resource classification process. At this stage, the resource blocks were coded manually for achieving the following:
i. Most of Measured category blocks were supported by three or more holes and nearly 20 composites;
ii. Measured category blocks have at least one drill hole within half of the variogram range (major axis);
iii. Most of indicated category blocks were supported by at least two drill holes and nearly 15 composites;

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iv. Measured category blocks have at least one drill hole within half of the variogram range (major axis);
v. Remaining blocks with a $\mathrm{P}_{2} \mathrm{O}_{5}$ grade estimation were coded as an Inferred Resource.

The two-stage process of classifying resources follows a 'best practices' approach allowing the Competent Person to make sure that unreasonable conditions of: i) measured blocks and inferred category blocks occurring side-by-side, ii) the measured and indicated blocks are not dominated by blocks with low sample support i.e., one drill hole or less than 10 composites ${ }^{1}$. The two-stage approach is a time-consuming process of smoothing the mixed Measured, Indicated and Inferred category blocks. However, this process eliminates the stripe or, spotted dog effect. As a result of the two-stage process, the following was achieved:
i. $\quad 70 \%$ of Measured blocks are supported by 3 or more drill holes;
ii. $95 \%$ of Indicated blocks are supported by two or more holes and $>70 \%$ of Indicated blocks are supported by 3 or more holes;
iii. $>90 \%$ of Measured and Indicated blocks are supported by 10 or more drill holes composites;
iv. Most of the inferred category blocks are supported by 10 or more composite samples.
The in-situ resource estimate for the geologic block model is presented in Table 9.1. This is the in-place estimate without consideration for factors related to reasonable prospects for economic extraction, including mining method, recovery, processing or economic constraints. The in-situ estimate is based on the above stated parameters for estimation and classification of the phosphate mineralization and serves as the basis for the Mineral Resource Estimate presented in Table 2.1.

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Table 9.1 In-Situ Resource for the Tres Estradas Phosphate Deposit

| Domain | Class | $\begin{aligned} & \text { Volume } \\ & \left(\mathrm{m}^{3} \times 1000\right) \end{aligned}$ | Density ( $\mathrm{T} / \mathrm{m}^{3}$ ) | In-SituTonnes(TX 1000) | Grade (wt. \%) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | P205\% | CaO\% | MgO\% | Fe2O3\% | SiO2\% | Al2O3\% |
| AMSAP | Measured | 36 | 1.54 | 55 | 6.63 | 10.75 | 9.32 | 15.19 | 37.94 | 7.39 |
|  | Indicated | 435 | 1.66 | 711 | 4.82 | 11.31 | 7.52 | 15.42 | 40.08 | 8.57 |
|  | Sub-Total | 471 | 1.65 | 766 | 4.95 | 11.27 | 7.65 | 15.40 | 39.93 | 8.49 |
| CBTSAP | Measured | 501 | 1.63 | 812 | 10.03 | 18.11 | 5.42 | 18.62 | 28.83 | 4.75 |
|  | Indicated | 2,348 | 1.66 | 3,862 | 9.16 | 16.20 | 4.56 | 18.41 | 31.77 | 5.87 |
|  | Inferred | 27 | 1.64 | 45 | 5.41 | 20.17 | 5.61 | 12.17 | 29.81 | 6.80 |
|  | Sub-Total | 2,876 | 1.65 | 4,719 | 9.28 | 16.57 | 4.71 | 18.38 | 31.25 | 5.68 |
| WMCBT | Measured | 653 | 2.81 | 1,833 | 4.12 | 33.93 | 6.76 | 8.92 | 13.38 | 2.16 |
|  | Indicated | 390 | 2.79 | 1,083 | 4.30 | 34.35 | 6.15 | 8.81 | 14.53 | 2.32 |
|  | Inferred | 16 | 2.83 | 45 | 3.93 | 33.86 | 8.13 | 8.20 | 11.13 | 1.80 |
|  | Sub-Total | 1,059 | 2.80 | 2,961 | 4.18 | 34.09 | 6.56 | 8.87 | 13.76 | 2.21 |
| MCBT | Measured | 12,139 | 2.84 | 34,461 | 3.80 | 34.17 | 8.09 | 8.01 | 11.33 | 1.94 |
|  | Indicated | 13,637 | 2.85 | 38,788 | 3.64 | 35.02 | 7.49 | 7.60 | 11.36 | 2.15 |
|  | Inferred | 8,574 | 2.87 | 24,555 | 3.58 | 34.69 | 7.87 | 7.61 | 11.69 | 2.09 |
|  | Sub-Total | 34,350 | 2.85 | 97,804 | 3.68 | 34.64 | 7.80 | 7.75 | 11.43 | 2.06 |
| MAMP | Measured | 233 | 2.89 | 671 | 3.69 | 19.10 | 8.89 | 13.69 | 33.52 | 6.44 |
|  | Indicated | 1,654 | 2.88 | 4,751 | 3.93 | 19.58 | 9.05 | 12.78 | 33.10 | 6.78 |
|  | Inferred | 681 | 2.85 | 1,938 | 3.90 | 19.30 | 9.15 | 12.68 | 32.78 | 7.11 |
|  | Sub-Total | 2,568 | 2.87 | 7,360 | 3.90 | 19.46 | 9.06 | 12.84 | 33.05 | 6.83 |
| Total |  | 41,324 | 2.79 | 113,610 | 3.95 | 32.73 | 7.72 | 8.60 | 13.91 | 2.57 |

Mineral Resources are not mineral reserves and have not demonstrated economic viability. This in-place estimate makes no consideration for factors related to reasonable prospects for economic extraction, including mining method.

## 10 MINERAL RESOURCE DETERMINATION

The Mineral Resources identified in Table 2.1 were determined by applying a conceptual pit shell to the block model using the Lerchs-Grossman algorithm. Millcreek has developed an optimized pit shell using the parameters listed in Table 10.1. The optimized pit shell captures the resources estimated in the block model that have reasonable prospects for economic extraction. The pit optimization results are used solely for the purpose of testing the "reasonable prospects for economic extraction" and do not represent an attempt to estimate mineral reserves. Mineral reserves can only be estimated with a further detailed level of study.

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Table 10.1 Tres Estradas Pit Optimization Parameters

| Parameters | Value |
| :--- | :---: |
| Cut-off grade $\mathrm{P}_{2} \mathrm{O}_{5}$ | $3.0 \%$ |
| Mining Recovery/Mining Dilution | $100 / 0$ |
| Process Recovery $\mathrm{P}_{2} \mathrm{O}_{5}$ Saprolite | $87 \%$ |
| Process Recovery $\mathrm{P}_{2} \mathrm{O}_{5}$ Fresh | $80 \%$ |
| Concentrate Grade Saprolite | $35.0 \%$ |
| Concentrate Grade Fresh Rock | $32.0 \%$ |
| Overall Pit Slope Angle Saprolite/Fresh Rock | $34 / 51 \& 55$ Degrees |
| Mining Cost (US\$/tonne Mined) | 1.32 |
| Process Cost (US\$/tonne ROM) | 4.06 |
| G\&A (US\$/tonne of ROM) | 0.79 |
| Selling Price (US\$/tonne of concentrate at 30.2\% $\left.\mathrm{P}_{2} \mathrm{O}_{5}\right)$ | $\$ 215$ |
| Royalties (CFEM Tax) - Gross | $2 \%$ |
| Marketing Costs - Gross | $2 \%$ |
| Exchange Rate (US\$ to R\$) | 3.2 |

## 11 VALIDATION

Millcreek has completed a detailed review of the drilling program, including all facets in logging, data acquisition, sampling, quality control and assurance, and data verification. Millcreek is satisfied that Aguia has been competent in conducting their exploration programs. Millcreek has conducted a detailed audit of the block model prepared by Aguia and of the resources estimated from the model. Millcreek transferred the block model to Maptek Vulcan® to complete visual and statistical evaluation of the model. A visual comparison made on a section by section basis shows strong correlation between block values and composite values. Statistical analysis has been used to compare block model values to composite values. Spatial statistics through the use of swath plots have been used to evaluate grade distribution and specific gravity. Final classification of resources was completed by Millcreek following a manual smoothing supported by output variables generated from the model. Pit optimization used for determining the Mineral Resource Statement presented in Table 2.1 were completed by Millcreek using MineSight® software.

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## 12 CONCLUSIONS

Millcreek is satisfied that the geologic model of the Trees Estradas Phosphate Project is a reasonable representation of the geology and the phosphate mineralization contained within the deposit.

The fifth and latest drilling campaign was successful in delineating a significant amount of the resources to Measured and Indicated levels of classification and delineating a new extension to the deposit. Approximately 79\% of the deposit has now been delineated to Measured plus Indicated resources and the overall deposit has grown by nearly 40\%. The mineral resource estimate has been appropriately classified in accordance to the 2012 Edition of the JORC Code.

## 13 JORC CODE COMPETENT PERSON STATEMENT

The information in this report that relates to a Mineral Resource Statement that was prepared by Millcreek Mining Group and entitled 'Trees Estradas Phosphate Project’s 2017 Mineral Resource Statement, September 8, 2017. This document has been authored by and signed-off by Mr. Steven B. Kerr, P.G, C.P.G., Mr. Kerr is the Principal Geologist of Millcreek Mining Group which was retained by Aguia Resources Limited to audit and prepare an updated mineral resource estimate following the recent delineation drilling campaign completed in June, 2017. Mr. Kerr supervised the exploration and geologic review as well as the resource estimation components of the study and is a member in good standing of the American Institute of Professional Geologists (C.P.G.-10352). Mr. Kerr has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity undertaken in this study 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 ("JORC Code"). Mr. Kerr consents to the inclusion in this report of the matters based on the Millcreek study in the form and context in which it appears.


Steven B. Kerr, PG. CPG
Principal Geologist
Millcreek Mining Group

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## APPENDIX A

JORC TABLE 1

## TRÊS ESTRADAS PHOSPHATE PROJECT JORC TABLE 1

## Section 1: Sampling Techniques and Data

|  | Soil samples were collected every 25 meters along lines spaced 100 meters <br> apart, for a total of 52 soil samples. All soil samples targeted the B Horizon soil <br> profile. <br> 77 rock samples were collected from within the DNPM $810.090 / 91$ area. One <br> historical trench exists on the tenement, Aguia sampled three vertical channels; in <br> each channel, two samples were collected. <br> Drilling comprised: 139 core boreholes (20,509.50 meters), 136 auger boreholes <br> (770 meters), and 244 reverse circulation boreholes (7,800 meters). <br> Auger - Drilling was completed up to a depth of 15 meters within the saprolite unit. |
| :--- | :--- | :--- |
| Auger - Borehole collars were surveyed, according to the local UTM coordinate <br> system (SAD 69, Zone 21S), using a handheld GPS receiver before drilling <br> started. No downhole surveys were performed. N.B. Auger data was not used for <br> resource estimation purposes. <br> Reverse Circulation Drilling - All borehole collars were surveyed according to the |  |
| Sampling |  |
| local UTM coordinate system (SAD 69, Zone 21S), using a differential GPS |  |
| receiver before drilling started and once drilling had been completed. No |  |
| downhole surveys were performed. |  |
| Techniques | Core Drilling - All borehole collars were surveyed according to the local UTM <br> coordinate system (SAD 69, Zone 21S), using a differential GPS receiver before <br> drilling started and once drilling had been completed. Beginning in the second <br> drilling program, downhole surveys were completed using a Maxibore down-hole <br> survey tool, collecting orientation readings at 3-meter intervals. |
| Auger - 1 meter samples collected, 2 kilograms of material collected for each field <br> sample. Samples were taken at 1-meter intervals. These samples were analyzed <br> for phosphorus, calcium and aluminium content with a portable x-ray fluorescence <br> (XRF) analyzer. If any sample yielded greater than 1.31 \% phosphorus (3\% <br> P2O5), all samples from that auger borehole were shipped to the laboratory for <br> assaying. |  |
| Reverse Circulation Drilling - Every meter drilled produced two aliquots with a |  |
| minimum weight of 500 grams and a maximum of 2 kilograms. |  |


| Drilling Techniques | Auger - tipper scarifier motorized augers were used to drill the auger boreholes. |
| :---: | :---: |
|  | Reverse Circulation - Drilling utilized a face sampling Hard Formation Bit with Tungsten buttons and a diameter of $51 / 2$ inches. No downhole surveys were completed. |
|  | Core Drilling - Drilling utilized HQ equipment for weathered material and NQ for fresh rock. Down hole surveys were not performed on 19 core boreholes completed during the first drilling program and for several of the shorter core boreholes. Downhole surveys were performed on 3-meter intervals using a Maxibore down-hole tool on all boreholes completed during the second, third, and fourth drilling program. A total of 96 core holes have down-hole surveys No core orientation has been carried |
| Drill Sample Recovery | Auger - Auger recovery was not monitored. |
|  | Reverse Circulation Drilling - recovery was monitored by sample weight. The minimum recovery was 85 percent. |
|  | Core Drilling - Recovery by sample and by drill run was recorded. Core recovery exceeded 90 percent in 90 percent of all core borehole samples. |
|  | Reverse Circulation Drilling - Logging included description of lithology and weathering. <br> Core Drilling - Detailed geological logs on appropriate logging form were completed. All cores have been photographed dry before sampling. |
|  | There is no detectable relationship between sample recovery and grade in all samples collected (auger, reverse circulation and core). |
| Logging | There is no detectable relationship between sample recovery and grade in all samples collected (auger, reverse circulation and core). |
|  | There is no detectable relationship between sample recovery and grade in all samples collected (auger, reverse circulation and core). |
|  | All of the relevant intersections were logged. |
| Sub-Sampling <br> Techniques and Sample Preparation | Core was sawn in half, with one half sent for assaying and one half being retained for reference. Friable core was split down the centerline, using a spatula or similar tool, with half being retained and half sent for assaying. |
|  | Auger - One meter auger samples were placed on a plastic sheet, large pieces were broken down manually. The sample was then homogenized by shaking the sheet with a rolling motion. |
|  | Reverse Circulation Drilling - Dry and moist samples were split using a riffle splitter; wet samples were dried prior to homogenization and sampling. <br> All samples were dried, crushed, and milled to 75 percent passing 80 mesh. |
|  | The sample preparation techniques meet industry standards and are considered appropriate for the mineralization being investigated. |
|  | Industry standard procedures are employed, including ensuring non-core samples are adequately homogenized before. Archive samples are collected. |
|  | No field duplicate samples or second half sampling was done. The target mineralization is quite homogeneous. |
|  | Auger, reverse circulation and core sample sizes are adequate for the target mineralization sampled. |

## Section 1: Sampling Techniques and Data

$\left.\begin{array}{||l|l|l|l|}\hline \hline & \begin{array}{l}\text { For the first two drilling programs, sample preparation was completed at ALS } \\ \text { Vespasiano's laboratory in Brazil using standard crushing and pulverization techniques. } \\ \text { Sample analysis was carried out by ALS Peru S.A. in Lima or ALS Minerals in North } \\ \text { Vancouver, Canada. } \\ \text { The prepared pulps were fused with lithium metaborate and analyzed by XRF } \\ \text { spectroscopy for major oxide elements (P2O5, Al2O3, CaO, Fe2O3, K2O, MgO, MnO2, } \\ \text { SiO2, and TiO2 (Method code XRF12pt/XRF24). } \\ \text { Samples were also analyzed for a suite of 31 elements using an aqua regia digestion and } \\ \text { inductively coupled plasma - mass spectrometry (Method code ME-MS81). } \\ \text { Quality of Assay } \\ \text { Fata the third, fourth and fifth drilling programs sample preparation and analysis was } \\ \text { completed at SGS Geosol laboratory in Vespasiano, Brazil using standard crushing and } \\ \text { pulverization techniques. }\end{array} \\ \text { tests } \\ \text { The prepared pulps were fused with lithium metaborate and analyzed by XRF } \\ \text { spectroscopy for major oxide elements (P2O5, Al2O3, CaO, Fe2O3, K2O, MgO, MnO, } \\ \text { SiO2, and TiO2, - Method code XRF79C). They were also analysed for loss on ignition for } \\ \text { calcination (method code PHY01E). During the fifth drilling campaign, Nb2O5 was added } \\ \text { to the suite of oxides being determined. } \\ \text { Umpire testing was performed at ALS Chemex laboratory in Lima, Peru, where samples } \\ \text { were analyzed for a suite of nine elements. } \\ \text { Quring March 2017, the CP added a confirmation testing program pulling 85 samples from }\end{array}\right\}$

|  | Estradas project. The standards were certified using a standard round-robin testing protocol. The control samples are considered appropriate to the grade and style of mineralization being tested. <br> In addition, fine and coarse blank samples were prepared from barren quartz veins. <br> One company supplied control samples and a pulp duplicate was included in each batch of 48 samples. One batch of 48 samples was sent monthly for umpire laboratory testing. Umpire testing was performed at ALS Chemex laboratory in Lima, Peru, where samples were analyzed for a suite of elements (method code XRF12pt/XRF24). <br> In addition, Aguia relied on the analytical quality control measured implemented by the ISO accredited laboratories used for analysis. |
| :---: | :---: |
| Verification of Sampling and Assaying | During a site visit on March 17 to 19, 2016, Millcreek personnel performed a detail audit of 13 core holes, reviewing measurements and descriptions of original logs to the core. During a second site visit on March 8 and 9, 2017, Millcreek performed a second detailed audit of 11 core holes from the recent delineation drilling program. |
|  | No twin boreholes were completed. |
|  | All core was logged by Aguia geologists; data was entered digitally into a comprehensive database program. Electronic data was verified by Millcreek. |
|  | Assay data were not adjusted. |
| Location of Data Points | All borehole collars were surveyed according to the local UTM coordinate system (South American Datum 1969 - SAD69, Zone 21S), using differential GPS equipment before drilling started, and once drilling had been completed. |
|  | UTM system (Zone 21S), South American Datum 1969. |
|  | A topographic survey of the project area was completed using differential GPS technology. <br> The survey comprised 35.35 line kilometers, consisting of survey lines spaced 25 meters apart, and control lines spaced 100 meters apart <br> The topographic survey generated contour lines at 1-meter intervals in the metacarbonatite area. Contour lines at 5 -meter intervals were obtained for the remaining area using shuttle radar topography mission (SRTM) and orthorectified Geoeye images with 0.5 meter resolution. |
| Data Spacing and Distribution | On the north tenement (DNPM\#810.090/1991), reverse circulation drilling was completed on sections spaced 50 meters apart and core drilling has an approximate spacing of 50 X 75 meters. On the south tenement (DNPM\#810.325/2012), reverse circulation drilling has a spacing of $200 \times 50$ meters, such that there are two to three holes on the outer bounds of each section. Core holes on the south tenement have an approximate spacing of 150 X 75 meters. There is no drilling on DNPM\#810.998/2011. |
|  | The boreholes are spaced sufficiently close to interpret the boundaries of the phosphate mineralization with a confidence sufficient to establish continuity and support classification for Measured, Indicated and Inferred categories. |
|  | Assay data was composited to one meter length prior to resource estimation. |
| Orientation of Data in Relation to Geologic Structure | The sampling patterns used did not introduce an apparent sampling bias. |
|  | The sampling patterns used did not introduce an apparent sampling bias. |
| Sample Security | Chain of custody of all sample material was maintained by Aguia. Samples were stored in a secured facility in Lavras do Sul until dispatch to the preparation laboratory by commercial carrier. |
| Audits or Reviews | Millcreek audited the project in early 2016 and again in August, 2017 and concluded that exploration work completed by Aguia used procedures consistent with generally accepted industry best practices. The audit found no issues with the project data. |

## Section 2: Reporting of Exploration Results

| Mineral Tenement and Land Tenure Status | Permit 810.090/91, irrevocable right to 100\% under an exercised option agreement with Companhia Brasiliera do Cobre (CBC). <br> On July 1, 2011, CBC and Aguia Metais Ltda., a subsidiary of Aguia in Brazil, executed an option agreement providing the irrevocable purchase option of these mineral rights by Aguia Metais (or its affiliate or subsidiaries). On May 30, 2012 Aguia Metais exercised the purchase option concerning these mineral rights by means of its affiliate Aguia Fertilizantes S/A (Aguia Fertilizantes). On July 10, 2012, CBC and Aguia Fertilizantes executed an irrevocable agreement providing the assignment of these mineral rights to Aguia Fertilizantes. On July 20, 2012 CBC filed a request before the DNPM applying for the transfer of these mineral rights to Aguia Fertilizantes. <br> The 2nd two year term expired on August 16, 2012, with the Final Exploration Report now under review by the Government, approval of which will allow the Company a further year (from the date of approval) to submit an Economic Exploitation Plan. <br> Permit 810.325/12, irrevocable right to $100 \%$ under an exercised option agreement with Companhia Brasiliera de Cobre. <br> Granted April 29, 2013, initial 3 year term expiry April 29, 2016. Titleholder has presented a Partial Exploration Report and has submitted a request for renewal of the exploration for another three years. |
| :---: | :---: |
| Exploration Done by Other Parties | Phosphate rich rocks at Três Estradas were discovered during a gold exploration program under a joint venture agreement between Companhia Brasileira do Cobre and Santa Elina in 2007/2008. Exploration activities comprised an integrated geochemical/geological/ geophysical and drilling program. The gold results were disappointing, causing Santa Elina to withdraw from the joint venture; however, P2O5 values in excess of $6 \%$ were noted in assays of soils and drill core. |
| Geology | The Três Estradas phosphate project is a carbonatite complex containing apatite as the phosphate bearing mineral in both meta-carbonatite and meta-amphibolite. The carbonatite fold complex strikes northeast and dips steeply to sub-vertical to the southwest. Rocks in the area have been affected by Neo-Proterozoic shearing and metamorphism. The carbonatite and its host rocks are part of the Santa Maria Chico Granulite Complex, within the Taquarembó Domain of the Achaean to Proterozoic Sul-rio-grandense Shield. |
| Drill Hole Information | Mineral resources are informed from 134 core boreholes (10,801.45 meters) and 244 reverse circulation boreholes (3,304 meters), completed in 2011, 2012, 2014, 2015, 2016, and 2017. <br> Information from auger boreholes was not considered for resource estimation. <br> Boreholes generally were completed on sections 50 meters apart. Borehole spacing along section in the north tenement (DNPM\#810.090/1991) is typically 50 meters and in the south tenement (DNPM\#810.325/2012) is typically 80 meters. <br> The complete dataset was used in the estimate. The large dataset precludes listing of individual results as would be the case for limited data when reporting Exploration Results. |
| Data Aggregation Methods | No exploration data were altered. <br> Sample intervals were length weighted. |
|  | Not applicable. |
|  | Not applicable. |
| Relationship Between Mineralization Widths and Intercept Lengths | Reverse circulation drilling was designed to intercept the flat lying upper oxide mineralization and was occasionally terminated once fresh rock was intercepted at depth. <br> Core drilling was designed to intersect the full width of the target apatite mineralization at a high angle. |
|  | Reverse circulation drilling was typically oriented perpendicular to the sub-horizontal oxide layer and therefore downhole lengths generally approximated true widths. |


|  | Core drilling was performed at an acute angle to the steeply vertically dipping carbonatite <br> bodies, hence downhole widths were greater than true widths. For boreholes drilled with a <br> dip of 60 degrees, true mineralization widths were generally in the order of 40 to 60 percent <br> of downhole intersection lengths. |
| :--- | :--- |
|  | Down hole lengths were reported. Relationships between true lengths and true thickness <br> are shown in cross sections within the report. |
| Diagrams | Borehole collar map and representative sections included in Appendix B |
| Balanced Reporting | All relevant drilling information was incorporated in the preparation of the mineral resource <br> estimate. |
| Other Substantive <br> Exploration Data | Aguia made use of an airborne magnetic geophysical survey completed by CPRM to aid in <br> exploration targeting. |
| Further Work | Sufficient exploration work has been completed on Três Estradas for a Feasibility Study <br> that will support advancement of the project towards development. The recent drilling in <br> 2017 has also included drilling for comminution testing, bulk sampling, geotechnical, <br> groundwater characterization. No further drilling is planned at this time. |

## Section 3: Estimation and Reporting of Mineral Resources

| Database Integrity | The database was provided to Millcreek in a digital format. <br> Millcreek conducted a series of routine verifications to ensure the reliability of the electronic data provided by Aguia. <br> Rare and minor input errors were detected in the Aguia database. These errors are considered immaterial. |
| :---: | :---: |
| Site Visits | A site visit was undertaken by Mr. Steven B. Kerr and Mr. Alister D. Horn on March 16 to 18, 2016. A second site visit was undertaken by Steven B. Kerr on March 8 and 9, 2017. Both gentlemen are principal consultants with Millcreek Mining Group and are appropriate independent Competent Persons for the purpose of JORC. <br> Millcreek was given full access to the project site, relevant data and Aguia's field offices in Lavras do Sul. Millcreek was afforded full access to Aguia personnel and had in-depth conversations and meetings relating to past exploration work, procedures followed in data acquisition and future goals in project development. |
| Geologic Interpretation | Following our audit, Millcreek has determined Aguia's geological and mineralization model used for the mineral resource estimation is adequate to support geological modelling and evaluation and classification of mineral resources pursuant to the JORC 2012 Code. <br> Aguia used a lithological-assay based approach to define the boundaries of the phosphate (apatite) mineralization and the following criteria: Minimum average grade of composite interval (hanging wall to footwall contact) is $3.0 \%$ P2O5 for saprolite and fresh rock. <br> Three weathering zones (saprolite, weathered, and fresh rock) defined by two weathering surfaces have been modelled according to core logging data. <br> Maximum length of internal dilution within a mineralized interval is 4.0 meters. There are eight intervals ( $1.7 \%$ of internal dilution intervals) that are longer than 4 meters. |
| Dimensions | The minimum and maximum extents of the mineral resource are given below: |


| Estimation and Modelling Techniques | Five estimation domains were modelled, defined by rock carbonatite, one in amphibolite, and two in the saprolite ro software to model geology and estimate grades into a 3 mineralization wireframes. <br> Aguia composited all assay intervals to a length of 1.0 m $9.0 \% \mathrm{P}_{2} \mathrm{O}_{5}$ was selected as the high grade limit. When gra this limit, the size of the search ellipsoids are reduced to hal <br> Variography was undertaken on 1-meter composites for $\mathrm{P}_{2}$ meta-carbonatite and amphibolite domains. See report considers that Aguia's calculation parameters, orientation, appropriate and reasonable given the available data and ge <br> $\mathrm{P}_{2} \mathrm{O}_{5}, \mathrm{CaO}, \mathrm{Fe}_{2} \mathrm{O}_{3}, \mathrm{SiO}_{2}, \mathrm{Al}_{2} \mathrm{O}_{3}$ and MgO were estimat ordinary kriging within the mineralized domains. For all ele were used with progressively relaxed search ellipsoids estimation ellipse ranges and orientations are based on the the meta-carbonatite. This was followed by a second sta comparing model variables to eliminate erratic estimation effects). <br> The block size of 12 m (along strike) by 6 m (perpendicular is appropriate for the density of data and the search radii u model. <br> Millcreek's audit of the methodology and parameters consi is minimal sensitivity to changes in estimation parameters. <br> Millcreek performed a visual validation of the block m borehole grades on a section by section basis. The resulta reasonable given the informing composite grades and e also performed a series of swath plots to compare kriging neighbor searches and reasonable conformance. | pe and weathering: Two in Aguia used Geovia's GEMS block model, constrained by <br> . Following top-cut analysis, estimation for $\mathrm{P}_{2} \mathrm{O}_{5}$ reaches its original size. <br> $\mathrm{CaO}, \mathrm{Fe}_{2} \mathrm{O}_{3}$ and MgO in the table of results. Millcreek fitted variogram models are gical interpretation. <br> into the block model using nts, three estimation passes and data requirements. The variogram model for $\mathrm{P}_{2} \mathrm{O}_{5}$ in of manual smoothing while ects (striped or spotted dog <br> strike) by 10 m (vertical) used to interpolate grade into the <br> ed by Aguia found that there <br> by comparing block and block estimates appear to be mation parameters. Millcreek stimation to ID2 and nearest |
| :---: | :---: | :---: |
| Moisture | All tonnage estimates in the model have been presented | y basis. |
| Cut-Off Parameters | The mineral resources are reported within a conceptual pit shell at a cut-off grade of 3.00\% of $\mathrm{P}_{2} \mathrm{O}_{5}$ which takes into account extraction scenarios and processing recovery. <br> The following assumptions were considered for Conceptual Open Pit Optimization to assist with the preparation of the mineral resource statement: |  |
| Mining Factors and Assumptions |  |  |
|  | Parameters | Value |
|  | Mining Recovery/Mining Dilution | 100 / 0 |
|  | Process Recovery P2O5 Saprolite | 87\% |
|  | Process Recovery P205 Fresh | 80\% |
|  | Concentrate Grade Saprolite | 35.0\% |
|  | Process Recovery Saprolite | 32.0\% |
|  | Overall Pit Slope Angle Saprolite/Fresh Rock | 34/51 \& 55 Degrees |
|  | Mining Cost (US\$/tonne Mined) | 1.32 |
|  | Process Cost (US\$/tonne ROM) | 4.06 |
|  | G\&A (US\$/tonne of ROM) | 0.79 |
|  | Selling Price (US\$/tonne of concentrate at 30.2\% $\mathrm{P}_{2} \mathrm{O}_{5}$ ) | \$215 |
|  | Royalties - Gross | 2\% |
|  | CFEM Tax - Gross | 2\% |
|  | Marketing Costs - Gross | 2\% |
|  | Exchange Rate (US\$ to R\$ | 3.2 |


| Metallurgical Factors and Assumptions | Metallurgical testwork for Três Estradas has been completed on a number of samples of different mineralization types. Testwork included grinding, magnetic separation, cell flotation, and column flotation. Two main mineralization types tested were Oxide /Saprolite and Fresh Carbonatite. Column flotation results performed by Eriez yielded the best results. <br> Column flotation testwork on the oxide/saprolite material demonstrated that a rougher column alone is capable of providing a concentrate grade of 35\% P2O5 with a P2O5 recovery of $87 \%$. However, it is recommended to add a cleaner stage to increase recovery of rougher flotation at a lower P2O5 content. <br> For Fresh Carbonatite, a flowsheet has been developed that includes rougher flotation followed by two stages of cleaning. The second cleaner tailing is returned to the first cleaner feed. The second cleaner overflow is final concentrate. The first cleaner underflow flows to a scavenger column cell. The scavenger overflow returns to the rougher column feed, while the scavenger underflow, along with the rougher column underflow reports to final tailings. A rougher-cleaner-cleaner configuration yields a concentrate grade of $32.0 \%$ P2O5 at a recovery of $80 \%$. <br> Conceptual operating and capital costs have been benchmarked to similar phosphate operations. |
| :---: | :---: |
| Environmental <br> Factors and <br> Assumptions | An internal Environmental Assessment study was carried out by WALM Engenharia e Tecnologia Ambiental Ltda (qualified local Brazilian consultants) to assess various aspects of environment issues which are likely to impact a proposed mining project at the Três Estradas project. <br> Millcreek has not studied environmental aspects of the project at the current project stage. Millcreek does not anticipate any significant environmental issues as this project advances towards development. |
| Bulk Density | Specific gravity was measured by Aguia on uncoated core samples using a standard weight in water/weight in air methodology. The specific gravity database contains 4,216 measurements. Specific gravity was modeled as a variable to the block model. Measurements were performed on core samples air-dried between extraction and measurement. |


| Classification | Pass 1: Blocks estimated in the first pass using half the distance of variogram range and based on composites from a minimum of three boreholes; <br> Pass 2: Blocks estimated in the first two passes within the full range of the variogram and based on composites from a minimum of two boreholes; and <br> Pass 3: All remaining blocks within the wireframe limits in an unconfined search not classified in the first two estimation passes. <br> The resource classification involved a two stage process. <br> Stage 1: Relevant mathematical parameters were saved in the block model and the blocks. These variables are: <br> i. Interpolation pass (pass) <br> ii. Distance of the closest sample from the block center (mindist) <br> iii. Average distance of samples used in estimating any block (avdist) <br> iv. Number of drill holes used for estimating any block (nndh) <br> v. The kriging variance of grade estimation (kvar) <br> Stage 2: The above variables were used as supporting mathematical variables for finalization of the resource classification process. At this stage the resource blocks were coded manually for achieving the following: <br> i. Most of measured category blocks were supported by three or more holes and nearly 20 composites <br> ii. Measured category blocks have at least one drill hole within half of the variogram range (major axis) <br> iii. Most of indicated category blocks were supported by at least two drill holes and nearly 15 composites <br> iv. Measured category blocks have at least one drill hole within half of the variogram range (major axis) <br> v. Remaining blocks with a P2O5 grade estimation were coded as an inferred Resources. <br> The two stage process of classifying resources follows a 'best practices' approach allowing the CP to make sure that unreasonable conditions of: i) measured blocks and inferred category blocks occurring side-by-side, ii) the measured and indicated blocks are not dominated by blocks with low sample support i.e., one drill hole or less than 10 composites ${ }^{1}$. The two stage approach is time consuming process of smoothing the mixed Measured, Indicated and Inferred category blocks. However, this process eliminates the stripe or, spotted dog effect. As a result of the two stage process, the following was achieved: |
| :---: | :---: |

[^1]|  | i. $\quad 70 \%$ of Measured blocks are supported by 3 or more drill holes <br> ii. $95 \%$ of Indicated blocks are supported by two or more holes and $>70 \%$ of Indicated blocks are supported by 3 or more holes <br> iii. > $90 \%$ of Measured blocks are supported by 10 or more drill holes composites <br> iv. Similar sample support exists for indicated resources <br> v. Most of the inferred category blocks are supported by 10 or more composite samples |
| :---: | :---: |
| Audits and Reviews | Millcreek has conducted a detailed audit of block model prepared by Aguia and of the resources estimated from the model. Millcreek transferred the block model to Maptek Vulcan® to complete visual and statistical evaluation of the model. The robustness of the Aguia block model was also tested by varying certain estimation parameters and comparing estimates to each of the five mineralized domains. Final classification of resources was completed by Millcreek following a manual smoothing supported by output variables generated from the model. Pit optimization used for determining the Mineral Resource Estimate presented in Table 2.1 were completed by Millcreek using MineSight $®$ software. Millcreek concludes that the block model in unbiased, robust and generally insensitive to the parameters evaluated by Millcreek. |
| Discussion of Relative Accuracy/ Confidence | Millcreek is satisfied that the geological modelling adequately represents the current geological information and knowledge. The location of the samples and the assay data are sufficiently reliable to support resource evaluation. <br> Mineral resources were classified as Measured, Indicated or Inferred. <br> The Mineral Resource Estimate identifies 33\% of the resource as Measured and 44\% of the resource as Indicated. Inferred Resources account for $23 \%$ of the resource estimate. The latest drilling project in June 2017, has successfully delineated resources previously classified as inferred and encountering thicker intercepts at depth of meta-carbonatite and amphibolite. |

## Section 4: Estimation and Reporting of Ore Reserves

There are no Ore Reserves to report at this time

## Section 5: Estimation and Reporting of Diamonds and Other Gemstones

Not Applicable

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## APPENDIX B

DRILL HOLE LOCATION MAP \& REPRESENTATIVE SECTIONS





## Millcreek $\leq$ Mining

GROUP

## APPENDIX C

DRILL HOLE LISTING

| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TED-11-001 | Core | 767,854.52 | 6,577,465.33 | 351.15 | 41.55 | 150.00 | (60.00) | 9/13/2011 | 44 |
| TED-11-002 | Core | 767,865.60 | 6,577,445.76 | 353.62 | 40.85 | 150.00 | (60.00) | 9/15/2011 | 44 |
| TED-11-003 | Core | 767,706.08 | 6,577,323.28 | 358.24 | 40.65 | 150.00 | (60.00) | 9/17/2011 | 40 |
| TED-11-004 | Core | 767,549.21 | 6,577,194.28 | 366.40 | 50.75 | 150.00 | (60.00) | 9/20/2011 | 52 |
| TED-11-005 | Core | 767,408.02 | 6,577,035.03 | 356.90 | 43.25 | 150.00 | (60.00) | 9/22/2011 | 42 |
| TED-11-006 | Core | 767,381.46 | 6,577,080.15 | 351.64 | 100.60 | 150.00 | (60.00) | 9/26/2011 | 102 |
| TED-11-007 | Core | 767,525.14 | 6,577,235.22 | 362.17 | 71.95 | 150.00 | (45.00) | 9/29/2011 | 76 |
| TED-11-008 | Core | 767,561.58 | 6,577,172.52 | 366.17 | 40.85 | 150.00 | (45.00) | 9/30/2011 | 41 |
| TED-11-009 | Core | 767,498.35 | 6,577,280.85 | 356.50 | 71.10 | 150.00 | (45.00) | 10/4/2011 | 73 |
| TED-11-010 | Core | 767,682.14 | 6,577,366.89 | 353.99 | 78.20 | 150.00 | (45.00) | 10/6/2011 | 79 |
| TED-11-011 | Core | 767,657.71 | 6,577,409.87 | 350.45 | 101.05 | 150.00 | (45.00) | 10/11/2011 | 100 |
| TED-11-012 | Core | 767,628.82 | 6,577,466.73 | 342.95 | 126.10 | 150.00 | (45.00) | 10/17/2011 | 121 |
| TED-11-013 | Core | 767,832.05 | 6,577,506.19 | 348.68 | 80.75 | 150.00 | (45.00) | 10/20/2011 | 80 |
| TED-11-014 | Core | 768,110.89 | 6,577,583.63 | 328.33 | 33.40 | 150.00 | (45.00) | 10/24/2011 | 34 |
| TED-11-015 | Core | 768,085.25 | 6,577,626.78 | 334.49 | 94.40 | 150.00 | (45.00) | 10/28/2011 | 92 |
| TED-11-016 | Core | 767,127.87 | 6,577,122.09 | 356.32 | 109.70 | 150.00 | (45.00) | 11/4/2011 | 109 |
| TED-11-017 | Core | 767,084.62 | 6,577,040.81 | 350.41 | 41.10 | 150.00 | (45.00) | 11/7/2011 | 41 |
| TED-11-018 | Core | 767,298.41 | 6,577,195.48 | 341.06 | 69.70 | 150.00 | (45.00) | 11/9/2011 | 70 |
| TED-11-019 | Core | 768,128.25 | 6,577,554.84 | 325.77 | 81.20 | 330.00 | (60.00) | 11/12/2011 | 82 |
| TED-12-020 | Core | 767,105.00 | 6,577,176.42 | 351.04 | 205.55 | 150.00 | (55.00) | 7/27/2012 | 171 |
| TED-12-021 | Core | 767,052.19 | 6,577,110.13 | 347.11 | 229.50 | 150.00 | (75.00) | 8/6/2012 | 175 |
| TED-12-022 | Core | 767,229.11 | 6,577,157.18 | 352.96 | 343.00 | 150.00 | (65.00) | 8/17/2012 | 341 |
| TED-12-023 | Core | 767,632.58 | 6,577,262.27 | 361.70 | 69.65 | 150.00 | (65.00) | 8/17/2012 | 63 |
| TED-12-024 | Core | 767,452.40 | 6,577,173.35 | 361.12 | 113.75 | 150.00 | (55.00) | 8/21/2012 | 120 |
| TED-12-025 | Core | 767,605.84 | 6,577,308.25 | 357.50 | 103.70 | 150.00 | (65.00) | 8/21/2012 | 110 |
| TED-12-026 | Core | 767,511.69 | 6,577,258.24 | 359.32 | 156.00 | 150.00 | (55.00) | 8/24/2012 | 143 |
| TED-12-027 | Core | 767,558.13 | 6,577,390.30 | 345.59 | 248.65 | 150.00 | (65.00) | 8/28/2012 | 216 |
| TED-12-028 | Core | 767,474.37 | 6,577,321.88 | 355.08 | 219.80 | 150.00 | (55.00) | 9/1/2012 | 217 |
| TED-12-029 | Core | 767,407.42 | 6,577,250.62 | 352.54 | 206.15 | 150.00 | (55.00) | 9/6/2012 | 201 |
| TED-12-030 | Core | 767,364.78 | 6,577,322.78 | 353.74 | 319.10 | 150.00 | (55.00) | 9/13/2012 | 212 |
| TED-12-031 | Core | 767,651.66 | 6,577,420.88 | 349.47 | 185.20 | 150.00 | (60.00) | 9/11/2012 | 181 |
| TED-12-032 | Core | 767,929.79 | 6,577,559.93 | 335.17 | 80.10 | 150.00 | (60.00) | 9/18/2012 | 71 |
| TED-12-033 | Core | 767,760.80 | 6,577,436.20 | 352.82 | 102.80 | 150.00 | (55.00) | 9/15/2012 | 109 |
| TED-12-034 | Core | 767,803.05 | 6,577,558.75 | 344.99 | 202.65 | 150.00 | (60.00) | 9/25/2012 | 72 |
| TED-12-035 | Core | 767,898.89 | 6,577,602.47 | 346.87 | 181.85 | 150.00 | (65.00) | 9/26/2012 | 0 |
| TED-12-036 | Core | 767,353.17 | 6,577,181.11 | 345.57 | 199.75 | 150.00 | (60.00) | 9/29/2012 | 205 |
| TED-12-037 | Core | 767,725.02 | 6,577,499.91 | 348.83 | 172.20 | 150.00 | (60.00) | 10/1/2012 | 100 |
| TED-12-038 | Core | 767,307.29 | 6,577,278.72 | 349.72 | 355.75 | 150.00 | (60.00) | 10/10/2012 | 303 |
| TED-12-039 | Core | 767,895.93 | 6,577,411.03 | 344.27 | 187.60 | 330.00 | (55.00) | 10/8/2012 | 138 |
| TED-12-040 | Core | 768,002.97 | 6,577,601.83 | 329.84 | 134.00 | 150.00 | (60.00) | 10/16/2012 | 0 |
| TED-14-041 | Core | 767,329.77 | 6,576,986.51 | 359.77 | 100.00 | 150.00 | (60.00) | 11/20/2014 | 95 |
| TED-14-042 | Core | 767,250.66 | 6,576,924.25 | 363.10 | 93.60 | 150.00 | (60.00) | 11/22/2014 | 100 |
| TED-14-043 | Core | 767,103.25 | 6,576,782.56 | 367.82 | 90.80 | 150.00 | (50.00) | 11/25/2014 | 101 |
| TED-14-044 | Core | 766,935.18 | 6,576,672.75 | 362.82 | 190.10 | 150.00 | (62.00) | 11/29/2014 | 172 |
| TED-14-045 | Core | 766,779.32 | 6,576,537.44 | 358.87 | 179.30 | 150.00 | (60.00) | 12/2/2014 | 144 |
| TED-14-046 | Core | 766,642.10 | 6,576,378.80 | 353.01 | 117.80 | 150.00 | (60.00) | 12/5/2014 | 99 |
| TED-14-047 | Core | 767,327.52 | 6,577,098.37 | 352.08 | 141.00 | 330.00 | (60.00) | 12/8/2014 | 143 |
| TED-14-048 | Core | 766,960.38 | 6,577,026.13 | 344.48 | 70.25 | 150.00 | (50.00) | 12/9/2014 | 0 |
| TED-14-049 | Core | 767,200.07 | 6,577,011.74 | 362.64 | 234.00 | 150.00 | (60.00) | 12/16/2014 | 198 |
| TED-14-050 | Core | 767,123.21 | 6,576,894.61 | 365.71 | 191.25 | 150.00 | (50.00) | 12/16/2014 | 151 |
| TED-14-051 | Core | 767,244.55 | 6,577,051.37 | 361.45 | 180.60 | 330.00 | (60.00) | 1/12/2015 | 130 |
| TED-14-052 | Core | 766,985.40 | 6,576,782.76 | 363.95 | 233.45 | 150.00 | (55.00) | 1/12/2015 | 151 |
| TED-15-053 | Core | 767,019.27 | 6,576,924.80 | 355.06 | 124.00 | 330.00 | (60.00) | 1/15/2015 | 128 |
| TED-15-054 | Core | 766,422.39 | 6,576,377.34 | 330.65 | 118.65 | 330.00 | (60.00) | 1/15/2015 | 126 |
| TED-15-055 | Core | 766,878.16 | 6,576,770.31 | 362.14 | 215.55 | 330.00 | (70.00) | 1/22/2015 | 209 |
| TED-15-056 | Core | 766,348.69 | 6,576,269.44 | 329.09 | 165.55 | 330.00 | (55.00) | 1/21/2015 | 169 |
| TED-15-057 | Core | 766,439.50 | 6,576,324.82 | 335.88 | 273.00 | 330.00 | (60.00) | 1/29/2015 | 273 |
| TED-15-058 | Core | 766,706.77 | 6,576,667.83 | 346.90 | 226.50 | 330.00 | (60.00) | 1/29/2015 | 230 |
| TED-15-059 | Core | 766,292.16 | 6,576,189.59 | 321.87 | 203.50 | 330.00 | (60.00) | 2/3/2015 | 178 |
| TED-15-060 | Core | 766,569.77 | 6,576,509.65 | 344.26 | 124.00 | 330.00 | (60.00) | 2/2/2015 | 126 |
| TED-15-061 | Core | 767,649.90 | 6,577,329.19 | 355.10 | 83.45 | 150.00 | (60.00) | 10/24/2015 | 91 |
| TED-15-062 | Core | 767,566.52 | 6,577,282.66 | 359.22 | 106.00 | 150.00 | (60.00) | 10/28/2015 | 121 |
| TED-15-063 | Core | 767,454.47 | 6,577,274.23 | 356.34 | 231.15 | 150.00 | (60.00) | 11/1/2015 | 220 |
| TED-15-064 | Core | 767,703.39 | 6,577,437.82 | 352.28 | 120.15 | 150.00 | (60.00) | 11/4/2015 | 124 |
| TED-15-065 | Core | 767,461.74 | 6,576,960.90 | 359.45 | 120.45 | 150.00 | (60.00) | 11/6/2015 | 42 |
| TED-15-066 | Core | 767,880.97 | 6,577,526.27 | 340.28 | 76.00 | 150.00 | (60.00) | 11/6/2015 | 79 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TED-15-067 | Core | 767,288.65 | 6,576,952.35 | 361.92 | 136.50 | 150.00 | (60.00) | 11/11/2015 | 96 |
| TED-15-068 | Core | 767,978.41 | 6,577,582.53 | 331.72 | 90.20 | 150.00 | (60.00) | 11/11/2015 | 49 |
| TED-15-069 | Core | 767,794.50 | 6,577,485.53 | 351.06 | 138.70 | 150.00 | (60.00) | 11/16/2015 | 142 |
| TED-15-070 | Core | 767,367.27 | 6,576,919.33 | 361.28 | 108.05 | 150.00 | (60.00) | 11/14/2015 | 103 |
| TED-15-071 | Core | 767,400.60 | 6,577,164.97 | 353.34 | 139.15 | 150.00 | (60.00) | 11/19/2015 | 142 |
| TED-15-072 | Core | 767,086.18 | 6,576,807.60 | 367.30 | 135.85 | 150.00 | (60.00) | 11/20/2015 | 131 |
| TED-15-073 | Core | 766,785.27 | 6,576,826.38 | 352.24 | 82.50 | 150.00 | (60.00) | 11/21/2015 | 84 |
| TED-15-074 | Core | 766,983.05 | 6,576,687.08 | 365.07 | 127.25 | 150.00 | (60.00) | 11/23/2015 | 122 |
| TED-15-075 | Core | 766,613.76 | 6,576,633.49 | 341.99 | 112.00 | 150.00 | (60.00) | 11/23/2015 | 84 |
| TED-15-076 | Core | 766,854.19 | 6,576,617.26 | 358.93 | 185.40 | 150.00 | (60.00) | 11/28/2015 | 134 |
| TED-15-077 | Core | 766,457.10 | 6,576,510.15 | 331.55 | 101.70 | 150.00 | (60.00) | 11/26/2015 | 105 |
| TED-15-078 | Core | 766,759.28 | 6,576,480.16 | 357.73 | 100.15 | 150.00 | (60.00) | 12/2/2015 | 99 |
| TED-16-079 | Core | 767657.893 | 6577315.130 | 350.712 | 65.30 | 0.00 | -90.00 | 15/11/2016 | 65 |
| TED-16-080 | Core | 767541.447 | 6577316.804 | 347.730 | 55.00 | 0.00 | -90.00 | 09/11/2016 | 60 |
| TED-16-081 | Core | 767404.995 | 6577059.084 | 349.443 | 56.25 | 0.00 | -90.00 | 09/11/2016 | 57 |
| TED-16-082 | Core | 767243.180 | 6577135.614 | 348.065 | 55.00 | 0.00 | -90.00 | 14/11/2016 | 58 |
| TED-16-083 | Core | 767571.454 | 6577364.373 | 343.042 | 65.45 | 150.00 | -65.00 | 14/11/2016 | 58 |
| TED-16-084 | Core | 767204.280 | 6576803.949 | 362.775 | 135.80 | 0.00 | -90.00 | 15/11/2016 | 134 |
| TED-16-085 | Core | 767583.879 | 6577342.053 | 345.506 | 148.80 | 150.00 | -65.00 | 18/11/2016 | 146 |
| TED-16-086 | Core | 767187.694 | 6576938.661 | 357.523 | 176.05 | 150.00 | -55.00 | 23/11/2016 | 132 |
| TED-16-087 | Core | 766993.608 | 6576964.979 | 340.836 | 65.30 | 330.00 | -80.00 | 19/11/2016 | 75 |
| TED-16-088 | Core | 767255.007 | 6577118.622 | 348.761 | 270.80 | 150.00 | -60.00 | 26/11/2016 | 174 |
| TED-16-089 | Core | 767492.500 | 6577408.657 | 346.320 | 297.90 | 150.00 | -55.00 | 29/11/2016 | 190 |
| TED-16-090 | Core | 767063.580 | 6576843.587 | 358.355 | 228.10 | 150.00 | -60.00 | 30/11/2016 | 159 |
| TED-16-091 | Core | 767163.640 | 6576964.407 | 356.747 | 246.20 | 150.00 | -60.00 | 30/11/2016 | 154 |
| TED-16-092 | Core | 767212.858 | 6577190.875 | 345.373 | 170.15 | 150.00 | -65.00 | 03/12/2016 | 121 |
| TED-16-093 | Core | 767423.935 | 6577290.494 | 349.210 | 106.10 | 150.00 | -60.00 | 02/12/2016 | 83 |
| TED-16-094 | Core | 767141.725 | 6577017.531 | 353.924 | 306.90 | 150.00 | -60.00 | 10/12/2016 | 235 |
| TED-16-095 | Core | 767045.507 | 6576879.986 | 354.550 | 292.30 | 150.00 | -60.00 | 12/12/2016 | 190 |
| TED-16-096 | Core | 767421.800 | 6577319.877 | 350.753 | 272.85 | 150.00 | -60.00 | 08/12/2016 | 227 |
| TED-16-097 | Core | 767169.260 | 6577176.982 | 348.790 | 105.90 | 150.00 | -60.00 | 08/12/2016 | 67 |
| TED-16-098 | Core | 767090.112 | 6577102.141 | 346.018 | 117.95 | 150.00 | -70.00 | 14/12/2016 | 72 |
| TED-16-099 | Core | 767374.990 | 6577124.493 | 343.586 | 145.75 | 150.00 | -60.00 | 13/12/2016 | 132 |
| TED-16-100 | Core | 766904.240 | 6576933.524 | 346.620 | 194.15 | 150.00 | -60.00 | 16/12/2016 | 199 |
| TED-16-101 | Core | 767016.889 | 6577128.671 | 334.479 | 267.75 | 150.00 | -50.00 | 06/01/2017 | 174 |
| TED-16-102 | Core | 767292.529 | 6577146.836 | 341.284 | 242.55 | 150.00 | -60.00 | 18/12/2016 | 179 |
| TED-16-103 | Core | 767193.387 | 6577128.385 | 350.932 | 307.50 | 150.00 | -58.00 | 12/01/2017 | 207 |
| TED-16-104 | Core | 767119.792 | 6577050.813 | 348.521 | 319.35 | 150.00 | -60.00 | 23/01/2017 | 193 |
| TED-16-105 | Core | 767279.887 | 6577067.377 | 353.138 | 203.10 | 150.00 | -60.00 | 10/01/2017 | 149 |
| TED-17-106 | Core | 767009.289 | 6576840.732 | 355.716 | 210.80 | 330.00 | -60.00 | 18/01/2017 | 163 |
| TED-17-107 | Core | 767268.059 | 6576992.881 | 355.329 | 145.15 | 150.00 | -60.00 | 16/01/2017 | 118 |
| TED-17-108 | Core | 767000.935 | 6577050.078 | 335.599 | 284.60 | 150.00 | -60.00 | 28/01/2017 | 235 |
| TED-17-109 | Core | 767081.076 | 6576921.682 | 355.583 | 286.05 | 150.00 | -60.00 | 01/02/2017 | 166 |
| TED-17-110 | Core | 766900.810 | 6576724.654 | 357.576 | 255.55 | 150.00 | -60.00 | 04/02/2017 | 193 |
| TED-17-111 | Core | 767293.705 | 6577243.236 | 332.101 | 288.70 | 150.00 | -60.00 | 02/02/2017 | 240 |
| TED-17-112 | Core | 767602.825 | 6576914.952 | 347.519 | 129.90 | 330.00 | -60.00 | 04/02/2017 | 93 |
| TED-17-113 | Core | 766203.617 | 6576237.834 | 313.469 | 50.40 | 330.00 | -55.00 | 03/02/2017 | 29 |
| TED-17-114 | Core | 767302.254 | 6577189.815 | 335.346 | 279.45 | 150.00 | -60.00 | 09/02/2017 | 239 |
| TED-17-115 | Core | 766760.867 | 6576776.248 | 345.211 | 65.25 | 150.00 | -60.00 | 08/02/2017 | 69 |
| TED-17-116 | Core | 767487.266 | 6576793.673 | 346.525 | 166.95 | 330.00 | -60.00 | 11/02/2017 | 109 |
| TED-17-117 | Core | 767258.650 | 6576616.201 | 350.692 | 206.20 | 330.00 | -55.00 | 20/02/2017 | 110 |
| TED-17-118 | Core | 767773.707 | 6576921.368 | 333.011 | 199.20 | 330.00 | -55.00 | 27/02/2017 | 92 |
| TED-17-119 | Core | 767382.726 | 6576692.498 | 347.358 | 188.50 | 330.00 | -55.00 | 25/02/2017 |  |
| TED-17-120 | Core | 767134.533 | 6576526.059 | 356.178 | 212.90 | 330.00 | -55.00 | 09/03/2017 |  |
| TED-17-121 | Core | 767719.902 | 6577008.075 | 343.657 | 66.35 | 330.00 | -55.00 | 01/03/2017 | 70 |
| TED-17-122 | Core | 767640.082 | 6577146.883 | 345.771 | 215.50 | 150.00 | -55.00 | 13/03/2017 |  |
| TED-17-123 | Core | 767227.452 | 6576664.383 | 353.946 | 150.65 | 330.00 | -55.00 | 19/03/2017 |  |
| TED-17-124 | Core | 767482.015 | 6576832.467 | 347.367 | 105.00 | 330.00 | -55.00 | 17/03/2017 | 97 |
| TED-17-125 | Core | 767529.876 | 6576841.793 | 349.249 | 97.00 | 330.00 | -55.00 | 22/03/2017 | 76 |
| TED-17-126 | Core | 767568.394 | 6576862.468 | 349.676 | 95.40 | 330.00 | -55.00 | 31/03/2017 | 91 |
| TED-17-127 | Core | 767649.367 | 6576930.198 | 345.986 | 107.80 | 330.00 | -55.00 | 28/03/2017 | 97 |
| TED-17-128 | Core | 767322.090 | 6576804.710 | 353.753 | 150.65 | 0.00 | -90.00 | 27/03/2017 | 133 |
| TED-17-129 | Core | 767642.527 | 6577034.324 | 346.479 | 129.75 | 150.00 | -55.00 | 30/03/2017 | 25 |
| TED-17-130 | Core | 767775.215 | 6577016.652 | 340.336 | 88.40 | 330.00 | -55.00 | 03/04/2017 | 29 |
| TED-17-131 | Core | 767392.648 | 6576764.183 | 348.386 | 125.40 | 330.00 | -55.00 | 07/04/2017 | 125 |
| TED-17-132 | Core | 767315.767 | 6576711.899 | 350.743 | 150.95 | 330.00 | -55.00 | 10/04/2017 | 108 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TED-17-133 | Core | 767461.857 | 6576766.865 | 348.026 | 125.60 | 330.00 | -55.00 | 11/04/2017 | 67 |
| TED-17-134 | Core | 767438.782 | 6576844.681 | 348.669 | 27.10 | 0.00 | -90.00 | 31/05/2017 | 28 |
| TED-17-135 | Core | 767484.611 | 6576867.938 | 348.736 | 29.75 | 0.00 | -90.00 | 01/06/2017 | 30 |
| TED-17-136 | Core | 767475.406 | 6576894.230 | 350.370 | 51.75 | 0.00 | -90.00 | 03/06/2017 | 54 |
| TED-17-137 | Core | 767573.464 | 6576924.450 | 347.650 | 39.75 | 0.00 | -90.00 | 05/06/2017 | 43 |
| TED-17-138 | Core | 767630.953 | 6576963.809 | 348.855 | 30.70 | 330.00 | -80.00 | 06/06/2017 | 31 |
| TED-17-139 | Core | 767674.725 | 6576985.365 | 347.436 | 32.70 | 330.00 | -55.00 | 07/06/2017 | 35 |
| TER-12-001 | RC | 768,149.35 | 6,577,677.02 | 321.21 | 13.00 |  | (90.00) | 9/1/2012 | 13 |
| TER-12-002 | RC | 768,154.56 | 6,577,626.72 | 325.78 | 15.00 | - | (90.00) | 9/3/2012 | 15 |
| TER-12-003 | RC | 768,190.41 | 6,577,596.32 | 326.04 | 12.00 | - | (90.00) | 9/3/2012 | 12 |
| TER-12-004 | RC | 768,141.35 | 6,577,578.50 | 328.64 | 15.00 |  | (90.00) | 9/3/2012 | 15 |
| TER-12-005 | RC | 768,105.71 | 6,577,548.51 | 323.53 | 10.00 | - | (90.00) | 9/3/2012 | 10 |
| TER-12-006 | RC | 768,121.48 | 6,577,616.70 | 330.07 | 18.00 |  | (90.00) | 9/3/2012 | 18 |
| TER-12-007 | RC | 768,085.03 | 6,577,580.14 | 326.59 | 15.00 | - | (90.00) | 9/3/2012 | 15 |
| TER-12-008 | RC | 768,054.87 | 6,577,630.42 | 336.77 | 11.00 | - | (90.00) | 9/4/2012 | 11 |
| TER-12-009 | RC | 768,098.45 | 6,577,656.23 | 332.32 | 15.00 | - | (90.00) | 9/4/2012 | 15 |
| TER-12-010 | RC | 767,991.32 | 6,577,540.39 | 327.04 | 13.00 | - | (90.00) | 9/4/2012 | 13 |
| TER-12-011 | RC | 768,014.89 | 6,577,495.37 | 325.44 | 13.00 | - | (90.00) | 9/5/2012 | 13 |
| TER-12-012 | RC | 767,952.71 | 6,577,510.80 | 335.83 | 20.00 | - | (90.00) | 9/5/2012 | 20 |
| TER-12-013 | RC | 767,931.51 | 6,577,445.14 | 342.37 | 21.00 |  | (90.00) | 9/5/2012 | 21 |
| TER-12-014 | RC | 767,954.43 | 6,577,402.37 | 335.55 | 12.00 |  | (90.00) | 9/5/2012 | 12 |
| TER-12-015 | RC | 767,777.12 | 6,577,412.88 | 353.28 | 30.00 | - | (90.00) | 9/7/2012 | 30 |
| TER-12-016 | RC | 767,801.40 | 6,577,476.71 | 351.11 | 27.00 | - | (90.00) | 9/7/2012 | 27 |
| TER-12-017 | RC | 767,819.56 | 6,577,437.39 | 353.37 | 33.00 | - | (90.00) | 9/7/2012 | 33 |
| TER-12-018 | RC | 767,759.19 | 6,577,342.98 | 353.82 | 31.00 | - | (90.00) | 9/8/2012 | 31 |
| TER-12-019 | RC | 767,752.02 | 6,577,456.54 | 352.17 | 18.00 |  | (90.00) | 9/8/2012 | 18 |
| TER-12-020 | RC | 767,898.12 | 6,577,490.22 | 344.04 | 25.00 | - | (90.00) | 9/10/2012 | 25 |
| TER-12-021 | RC | 767,879.67 | 6,577,529.17 | 340.55 | 15.00 | - | (90.00) | 9/10/2012 | 15 |
| TER-12-022 | RC | 767,881.98 | 6,577,422.85 | 349.01 | 14.00 | - | (90.00) | 9/10/2012 | 14 |
| TER-12-023 | RC | 767,801.79 | 6,577,370.45 | 352.43 | 18.00 | - | (90.00) | 9/10/2012 | 18 |
| TER-12-024 | RC | 767,708.10 | 6,577,429.78 | 352.26 | 21.00 | - | (90.00) | 9/10/2012 | 21 |
| TER-12-025 | RC | 767,734.23 | 6,577,388.37 | 354.15 | 26.00 | - | (90.00) | 9/10/2012 | 26 |
| TER-12-026 | RC | 767,622.96 | 6,577,384.82 | 347.98 | 15.00 | - | (90.00) | 9/10/2012 | 15 |
| TER-12-027 | RC | 767,645.34 | 6,577,348.04 | 353.12 | 16.00 | - | (90.00) | 9/10/2012 | 16 |
| TER-12-028 | RC | 767,672.12 | 6,577,296.90 | 359.02 | 30.00 | - | (90.00) | 9/10/2012 | 30 |
| TER-12-029 | RC | 767,584.33 | 6,577,244.41 | 362.99 | 30.00 | - | (90.00) | 9/11/2012 | 30 |
| TER-12-030 | RC | 767,738.89 | 6,577,276.32 | 351.23 | 21.00 | - | (90.00) | 9/11/2012 | 21 |
| TER-12-031 | RC | 767,695.00 | 6,577,252.29 | 355.44 | 30.00 | - | (90.00) | 9/11/2012 | 30 |
| TER-12-032 | RC | 767,650.40 | 6,577,227.70 | 359.32 | 21.00 | - | (90.00) | 9/11/2012 | 21 |
| TER-12-033 | RC | 767,558.84 | 6,577,286.66 | 358.41 | 20.00 | - | (90.00) | 9/11/2012 | 20 |
| TER-12-034 | RC | 767,534.12 | 6,577,331.17 | 352.51 | 21.00 | - | (90.00) | 9/12/2012 | 21 |
| TER-12-035 | RC | 767,472.10 | 6,577,236.70 | 358.57 | 15.00 | - | (90.00) | 9/12/2012 | 15 |
| TER-12-036 | RC | 767,447.05 | 6,577,279.93 | 356.10 | 19.00 | - | (90.00) | 9/12/2012 | 19 |
| TER-12-037 | RC | 767,498.05 | 6,577,190.56 | 365.47 | 26.00 | - | (90.00) | 9/12/2012 | 26 |
| TER-12-038 | RC | 767,518.91 | 6,577,150.51 | 366.89 | 32.00 | - | (90.00) | 9/12/2012 | 32 |
| TER-12-039 | RC | 767,609.54 | 6,577,200.88 | 362.27 | 27.00 | - | (90.00) | 9/12/2012 | 27 |
| TER-12-040 | RC | 767,577.15 | 6,577,357.03 | 350.69 | 15.00 | - | (90.00) | 9/13/2012 | 15 |
| TER-12-041 | RC | 767,429.79 | 6,577,213.85 | 355.93 | 14.00 | - | (90.00) | 9/13/2012 | 14 |
| TER-12-042 | RC | 767,480.69 | 6,577,126.14 | 366.49 | 14.00 | - | (90.00) | 9/13/2012 | 14 |
| TER-12-043 | RC | 767,504.58 | 6,577,082.70 | 363.53 | 25.00 | - | (90.00) | 9/13/2012 | 25 |
| TER-12-044 | RC | 767,412.08 | 6,577,147.21 | 355.85 | 30.00 | - | (90.00) | 9/14/2012 | 30 |
| TER-12-045 | RC | 767,438.29 | 6,577,102.26 | 360.67 | 24.00 | - | (90.00) | 9/14/2012 | 24 |
| TER-12-046 | RC | 767,462.82 | 6,577,060.00 | 363.41 | 28.00 | - | (90.00) | 9/14/2012 | 28 |
| TER-12-047 | RC | 767,487.07 | 6,577,017.43 | 358.87 | 12.00 | - | (90.00) | 9/14/2012 | 12 |
| TER-12-048 | RC | 767,529.36 | 6,577,040.08 | 356.75 | 15.00 | - | (90.00) | 9/14/2012 | 15 |
| TER-12-049 | RC | 767,549.71 | 6,577,106.49 | 360.71 | 15.00 | - | (90.00) | 9/14/2012 | 15 |
| TER-12-050 | RC | 767,683.32 | 6,577,471.53 | 350.43 | 17.00 | - | (90.00) | 9/14/2012 | 17 |
| TER-12-051 | RC | 767,596.29 | 6,577,427.51 | 342.13 | 15.00 | - | (90.00) | 9/14/2012 | 15 |
| TER-12-052 | RC | 767,507.42 | 6,577,374.06 | 348.66 | 21.00 | - | (90.00) | 9/14/2012 | 21 |
| TER-12-053 | RC | 767,420.92 | 6,577,328.09 | 357.77 | 15.00 | - | (90.00) | 9/14/2012 | 15 |
| TER-12-054 | RC | 767,541.27 | 6,577,222.09 | 363.92 | 27.00 | - | (90.00) | 9/17/2012 | 27 |
| TER-12-055 | RC | 767,547.89 | 6,577,191.41 | 366.56 | 30.00 | 150.00 | (60.00) | 9/17/2012 | 30 |
| TER-12-056 | RC | 767,703.79 | 6,577,321.44 | 358.30 | 30.00 | 150.00 | (60.00) | 9/17/2012 | 30 |
| TER-12-057 | RC | 767,411.53 | 6,577,036.26 | 357.38 | 30.00 | 150.00 | (60.00) | 9/17/2012 | 30 |
| TER-12-058 | RC | 767,591.15 | 6,577,133.78 | 357.53 | 15.00 | - | (90.00) | 9/17/2012 | 15 |
| TER-12-059 | RC | 767,362.01 | 6,577,234.42 | 346.53 | 17.00 | - | (90.00) | 9/18/2012 | 17 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TER-12-060 | RC | 767,394.05 | 6,577,185.55 | 351.92 | 12.00 | - | (90.00) | 9/19/2012 | 12 |
| TER-12-061 | RC | 767,369.56 | 6,577,122.37 | 349.11 | 15.00 | - | (90.00) | 9/19/2012 | 15 |
| TER-12-062 | RC | 767,353.96 | 6,577,057.98 | 352.46 | 12.00 | - | (90.00) | 9/19/2012 | 12 |
| TER-12-063 | RC | 767,323.34 | 6,577,095.78 | 353.00 | 10.00 | - | (90.00) | 9/19/2012 | 10 |
| TER-12-064 | RC | 767,296.62 | 6,577,135.75 | 349.04 | 13.00 | - | (90.00) | 9/19/2012 | 13 |
| TER-12-065 | RC | 767,276.01 | 6,577,185.44 | 343.50 | 15.00 | - | (90.00) | 9/19/2012 | 15 |
| TER-12-066 | RC | 767,244.27 | 6,577,227.31 | 340.02 | 11.00 | - | (90.00) | 9/19/2012 | 11 |
| TER-12-067 | RC | 767,332.28 | 6,577,281.23 | 349.41 | 12.00 | - | (90.00) | 9/19/2012 | 12 |
| TER-12-068 | RC | 767,374.23 | 6,577,009.66 | 356.24 | 23.00 | - | (90.00) | 9/19/2012 | 23 |
| TER-12-069 | RC | 767,303.50 | 6,577,028.62 | 361.02 | 19.00 | - | (90.00) | 9/20/2012 | 19 |
| TER-12-070 | RC | 767,281.82 | 6,577,072.77 | 359.10 | 18.00 | - | (90.00) | 9/20/2012 | 18 |
| TER-12-071 | RC | 767,239.89 | 6,577,045.75 | 361.77 | 18.00 | - | (90.00) | 9/20/2012 | 18 |
| TER-12-072 | RC | 767,219.39 | 6,577,091.50 | 359.70 | 17.00 | - | (90.00) | 9/20/2012 | 17 |
| TER-12-073 | RC | 767,168.98 | 6,577,069.34 | 360.04 | 15.00 | - | (90.00) | 9/20/2012 | 15 |
| TER-12-074 | RC | 767,127.76 | 6,577,037.96 | 356.88 | 15.00 | - | (90.00) | 9/20/2012 | 15 |
| TER-12-075 | RC | 767,144.20 | 6,577,114.38 | 357.29 | 24.00 | - | (90.00) | 9/21/2012 | 24 |
| TER-12-076 | RC | 767,162.24 | 6,577,174.57 | 355.41 | 18.00 | - | (90.00) | 9/21/2012 | 18 |
| TER-12-077 | RC | 767,204.27 | 6,577,200.73 | 351.25 | 15.00 | - | (90.00) | 9/21/2012 | 15 |
| TER-12-078 | RC | 767,187.10 | 6,577,131.09 | 357.39 | 21.00 | - | (90.00) | 9/21/2012 | 21 |
| TER-12-079 | RC | 767,122.91 | 6,577,146.58 | 355.13 | 12.00 | - | (90.00) | 9/21/2012 | 12 |
| TER-12-080 | RC | 767,098.21 | 6,577,092.92 | 353.42 | 14.00 | - | (90.00) | 9/21/2012 | 14 |
| TER-12-081 | RC | 767,078.61 | 6,577,126.71 | 348.09 | 12.00 | - | (90.00) | 9/21/2012 | 12 |
| TER-12-082 | RC | 767,034.96 | 6,577,102.42 | 343.66 | 12.00 | - | (90.00) | 9/21/2012 | 12 |
| TER-12-083 | RC | 767,195.04 | 6,577,018.79 | 362.35 | 15.00 | - | (90.00) | 9/21/2012 | 15 |
| TER-12-084 | RC | 766,944.98 | 6,577,046.91 | 345.57 | 12.00 | - | (90.00) | 9/21/2012 | 12 |
| TER-12-085 | RC | 766,903.05 | 6,577,025.60 | 351.43 | 15.00 | - | (90.00) | 9/21/2012 | 15 |
| TER-12-086 | RC | 766,879.08 | 6,577,067.31 | 348.71 | 12.00 | - | (90.00) | 9/21/2012 | 12 |
| TER-12-087 | RC | 766,920.59 | 6,577,088.95 | 346.50 | 12.00 | - | (90.00) | 9/21/2012 | 12 |
| TER-12-088 | RC | 767,852.34 | 6,577,404.55 | 350.97 | 12.00 | - | (90.00) | 9/24/2012 | 12 |
| TER-12-089 | RC | 767,877.57 | 6,577,433.43 | 350.49 | 27.00 | - | (90.00) | 9/24/2012 | 27 |
| TER-12-090 | RC | 767,828.84 | 6,577,415.15 | 354.45 | 25.00 | - | (90.00) | 9/24/2012 | 25 |
| TER-12-091 | RC | 767,784.34 | 6,577,501.78 | 349.57 | 14.00 | - | (90.00) | 9/24/2012 | 14 |
| TER-12-092 | RC | 767,937.28 | 6,577,519.38 | 335.58 | 17.00 | 150.00 | (60.00) | 9/24/2012 | 17 |
| TER-12-093 | RC | 767,962.21 | 6,577,487.15 | 334.97 | 13.00 | - | (90.00) | 9/24/2012 | 13 |
| TER-12-094 | RC | 767,787.03 | 6,577,390.52 | 354.08 | 25.00 | - | (90.00) | 9/24/2012 | 25 |
| TER-12-095 | RC | 767,737.01 | 6,577,477.88 | 350.96 | 15.00 | - | (90.00) | 9/24/2012 | 15 |
| TER-12-096 | RC | 767,693.93 | 6,577,452.94 | 351.70 | 16.00 | - | (90.00) | 9/24/2012 | 16 |
| TER-12-097 | RC | 767,745.17 | 6,577,366.73 | 355.07 | 21.00 | - | (90.00) | 9/24/2012 | 21 |
| TER-12-098 | RC | 767,598.05 | 6,577,222.58 | 364.77 | 24.00 | - | (90.00) | 9/24/2012 | 24 |
| TER-12-099 | RC | 767,474.42 | 6,577,137.37 | 365.02 | 30.00 | 150.00 | (60.00) | 9/25/2012 | 30 |
| TER-12-100 | RC | 766,805.64 | 6,577,079.95 | 345.32 | 50.00 | - | (90.00) | 9/26/2012 | 50 |
| TER-12-101 | RC | 766,657.00 | 6,577,169.46 | 346.21 | 50.00 | - | (90.00) | 9/26/2012 | 50 |
| TER-12-102 | RC | 767,114.23 | 6,578,014.31 | 326.99 | 50.00 | - | (90.00) | 9/26/2012 | 50 |
| TER-12-103 | RC | 767,017.08 | 6,577,977.43 | 318.09 | 50.00 | - | (90.00) | 9/26/2012 | 50 |
| TER-12-104 | RC | 767,092.97 | 6,578,061.32 | 328.30 | 50.00 | - | (90.00) | 9/27/2012 | 50 |
| TER-12-105 | RC | 767,255.75 | 6,578,047.37 | 324.51 | 50.00 | 150.00 | (60.00) | 9/27/2012 | 50 |
| TER-14-106 | RC | 767,370.91 | 6,576,921.32 | 361.02 | 17.00 | - | (90.00) | 25/11/2014 | 17 |
| TER-14-107 | RC | 767,308.57 | 6,576,930.23 | 362.80 | 35.00 | - | (90.00) | 1/12/2014 | 35 |
| TER-14-108 | RC | 767,276.83 | 6,576,881.93 | 367.31 | 38.00 | - | (90.00) | 2/12/2014 | 38 |
| TER-14-109 | RC | 767,225.16 | 6,576,846.72 | 368.54 | 32.00 | - | (90.00) | 3/12/2014 | 32 |
| TER-14-110 | RC | 767,195.32 | 6,576,821.62 | 369.10 | 44.00 | - | (90.00) | 3/12/2104 | 44 |
| TER-14-111 | RC | 767,161.64 | 6,576,780.76 | 368.99 | 39.00 | - | (90.00) | 4/12/2014 | 39 |
| TER-14-112 | RC | 767,124.84 | 6,576,752.19 | 368.00 | 33.00 | - | (90.00) | 4/12/2014 | 33 |
| TER-14-113 | RC | 767,085.08 | 6,576,727.51 | 368.75 | 36.00 | - | (90.00) | 5/12/2014 | 36 |
| TER-14-114 | RC | 767,034.83 | 6,576,694.47 | 367.21 | 40.00 | - | (90.00) | 5/12/2014 | 40 |
| TER-14-115 | RC | 766,995.24 | 6,576,673.01 | 365.11 | 35.00 | - | (90.00) | 6/12/2014 | 35 |
| TER-14-116 | RC | 766,960.42 | 6,576,624.73 | 363.99 | 23.00 | - | (90.00) | 6/12/2014 | 23 |
| TER-14-117 | RC | 767,457.28 | 6,576,973.42 | 359.35 | 29.00 | - | (90.00) | 8/12/2014 | 29 |
| TER-14-118 | RC | 767,481.89 | 6,576,940.71 | 356.64 | 27.00 | - | (90.00) | 8/12/2014 | 27 |
| TER-14-119 | RC | 767,406.11 | 6,576,965.66 | 359.65 | 30.00 | - | (90.00) | 8/12/2014 | 30 |
| TER-14-120 | RC | 766,928.54 | 6,576,591.80 | 363.50 | 23.00 | - | (90.00) | 9/12/2014 | 23 |
| TER-14-121 | RC | 766,889.09 | 6,576,561.79 | 362.71 | 24.00 | - | (90.00) | 9/12/2014 | 24 |
| TER-14-122 | RC | 766,847.96 | 6,576,521.55 | 362.21 | 25.00 | - | (90.00) | 9/12/2014 | 25 |
| TER-14-123 | RC | 766,815.38 | 6,576,477.83 | 359.51 | 23.00 | - | (90.00) | 9/12/2014 | 23 |
| TER-14-124 | RC | 766,779.30 | 6,576,438.38 | 356.69 | 18.00 | - | (90.00) | 9/12/2014 | 18 |
| TER-14-125 | RC | 766,738.04 | 6,576,400.88 | 352.40 | 14.00 | - | (90.00) | 9/12/2014 | 14 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TER-14-126 | RC | 766,311.46 | 6,576,244.03 | 326.92 | 15.00 | - | (90.00) | 10/12/2014 | 15 |
| TER-14-127 | RC | 766,280.18 | 6,576,287.74 | 325.82 | 10.00 | - | (90.00) | 10/12/2014 | 10 |
| TER-14-128 | RC | 766,328.87 | 6,576,324.57 | 323.33 | 30.00 | - | (90.00) | 12/15/2014 | 30 |
| TER-14-129 | RC | 766,277.14 | 6,576,221.22 | 327.54 | 16.00 | - | (90.00) | 12/15/2014 | 16 |
| TER-14-130 | RC | 766,258.22 | 6,576,334.60 | 323.17 | 14.00 | - | (90.00) | 12/15/2014 | 14 |
| TER-14-131 | RC | 766,298.89 | 6,576,364.50 | 317.80 | 9.00 | - | (90.00) | 12/16/2014 | 9 |
| TER-14-132 | RC | 766,349.24 | 6,576,374.03 | 318.79 | 13.00 | - | (90.00) | 12/16/2014 | 13 |
| TER-14-133 | RC | 766,381.52 | 6,576,414.41 | 321.01 | 12.00 |  | (90.00) | 12/16/2014 | 12 |
| TER-14-134 | RC | 766,421.07 | 6,576,437.47 | 325.10 | 15.00 | - | (90.00) | 12/16/2014 | 15 |
| TER-14-135 | RC | 766,502.81 | 6,576,512.85 | 336.28 | 13.00 | - | (90.00) | 12/16/2014 | 13 |
| TER-14-136 | RC | 766,566.21 | 6,576,582.82 | 337.95 | 15.00 | - | (90.00) | 12/16/2014 | 15 |
| TER-14-137 | RC | 766,545.98 | 6,576,552.45 | 338.88 | 13.00 | - | (90.00) | 12/17/2014 | 13 |
| TER-14-138 | RC | 766,655.54 | 6,576,666.44 | 342.75 | 17.00 | - | (90.00) | 12/17/2014 | 17 |
| TER-14-139 | RC | 766,686.78 | 6,576,704.04 | 342.08 | 16.00 | - | (90.00) | 12/17/2014 | 16 |
| TER-14-140 | RC | 766,722.71 | 6,576,762.39 | 351.00 | 18.00 | - | (90.00) | 17/12/2014 | 18 |
| TER-14-141 | RC | 766,757.94 | 6,576,781.89 | 352.05 | 17.00 | - | (90.00) | 17/12/2014 | 17 |
| TER-14-142 | RC | 766,799.19 | 6,576,805.17 | 352.42 | 19.00 | - | (90.00) | 17/12/2014 | 19 |
| TER-14-143 | RC | 766,857.86 | 6,576,813.20 | 356.22 | 10.00 | - | (90.00) | 17/12/2014 | 10 |
| TER-14-144 | RC | 766,876.82 | 6,576,885.10 | 353.92 | 13.00 | - | (90.00) | 17/12/2014 | 13 |
| TER-14-145 | RC | 766,936.56 | 6,576,976.52 | 349.68 | 11.00 | - | (90.00) | 18/12/2014 | 11 |
| TER-14-146 | RC | 767,430.12 | 6,576,916.90 | 358.75 | 29.00 |  | (90.00) | 18/12/2014 | 29 |
| TER-14-147 | RC | 767,454.91 | 6,576,881.60 | 356.71 | 31.00 | - | (90.00) | 18/12/2014 | 31 |
| TER-14-148 | RC | 767,398.26 | 6,576,871.49 | 358.45 | 32.00 | - | (90.00) | 18/12/2014 | 32 |
| TER-14-149 | RC | 767,339.84 | 6,576,875.97 | 362.65 | 37.00 | - | (90.00) | 18/12/2014 | 37 |
| TER-15-150 | RC | 767,510.82 | 6,576,909.67 | 355.92 | 45.00 | - | (90.00) | 1/19/2015 | 45 |
| TER-15-151 | RC | 767,540.98 | 6,576,929.91 | 354.69 | 52.00 | - | (90.00) | 1/20/2015 | 52 |
| TER-15-152 | RC | 766,647.79 | 6,576,348.76 | 351.97 | 17.00 | - | (90.00) | 1/21/2015 | 17 |
| TER-15-153 | RC | 766,612.35 | 6,576,329.43 | 349.06 | 14.00 | - | (90.00) | 1/21/2015 | 14 |
| TER-15-154 | RC | 767,003.80 | 6,576,959.70 | 348.89 | 15.00 | - | (90.00) | 1/22/2015 | 15 |
| TER-16-155 | RC | 767380.998 | 6576886.381 | 353.746 | 35.00 | 0.00 | -90.00 | 22/11/2016 | 35 |
| TER-16-156 | RC | 767353.716 | 6576943.546 | 354.390 | 45.00 | 0.00 | -90.00 | 23/11/2016 | 45 |
| TER-16-157 | RC | 767326.543 | 6576905.488 | 357.681 | 36.00 | 0.00 | -90.00 | 23/11/2016 | 36 |
| TER-16-158 | RC | 767347.904 | 6576854.153 | 354.493 | 63.00 | 0.00 | -90.00 | 24/11/2016 | 63 |
| TER-16-159 | RC | 767303.156 | 6576838.518 | 357.116 | 96.00 | 0.00 | -90.00 | 25/11/2016 | 96 |
| TER-16-160 | RC | 767285.715 | 6576861.781 | 359.883 | 125.00 | 0.00 | -90.00 | 28/11/2016 | 125 |
| TER-16-161 | RC | 767256.015 | 6576925.163 | 356.243 | 40.00 | 150.00 | -60.00 | 28/11/2016 | 40 |
| TER-16-162 | RC | 767250.390 | 6576825.668 | 360.898 | 73.00 | 0.00 | -90.00 | 29/11/2016 | 73 |
| TER-16-163 | RC | 767174.073 | 6576761.418 | 360.785 | 50.00 | 0.00 | -90.00 | 29/11/2016 | 50 |
| TER-16-164 | RC | 767089.733 | 6576705.321 | 361.493 | 100.00 | 0.00 | -90.00 | 30/11/2016 | 100 |
| TER-16-165 | RC | 767052.012 | 6576671.944 | 361.465 | 101.00 | 0.00 | -90.00 | 01/12/2016 | 101 |
| TER-16-166 | RC | 767020.497 | 6576642.511 | 360.346 | 45.00 | 0.00 | -90.00 | 01/12/2016 | 45 |
| TER-16-167 | RC | 766972.807 | 6576613.282 | 358.417 | 90.00 | 0.00 | -90.00 | 02/12/2016 | 90 |
| TER-16-168 | RC | 766239.226 | 6576269.402 | 320.112 | 80.00 | 0.00 | -90.00 | 02/12/2016 | 80 |
| TER-16-169 | RC | 766196.416 | 6576248.129 | 312.640 | 15.00 | 0.00 | -90.00 | 02/12/2016 | 15 |
| TER-16-170 | RC | 766275.801 | 6576303.688 | 318.021 | 70.00 | 0.00 | -90.00 | 03/12/2016 | 70 |
| TER-16-171 | RC | 766378.884 | 6576331.775 | 320.168 | 30.00 | 0.00 | -90.00 | 05/12/2016 | 30 |
| TER-16-172 | RC | 766312.289 | 6576341.799 | 313.964 | 63.00 | 0.00 | -90.00 | 05/12/2016 | 63 |
| TER-16-173 | RC | 767529.076 | 6576937.878 | 348.190 | 60.00 | 0.00 | -90.00 | 05/12/2016 | 60 |
| TER-16-174 | RC | 767513.121 | 6576961.687 | 348.190 | 40.00 | 0.00 | -90.00 | 06/12/2016 | 40 |
| TER-16-175 | RC | 767554.533 | 6576992.856 | 346.583 | 30.00 | 0.00 | -90.00 | 06/12/2016 | 30 |
| TER-16-176 | RC | 767439.104 | 6577005.586 | 352.409 | 28.00 | 0.00 | -90.00 | 06/12/2016 | 28 |
| TER-16-177 | RC | 767450.061 | 6577078.866 | 356.491 | 100.00 | 0.00 | -90.00 | 07/12/2016 | 100 |
| TER-16-178 | RC | 767426.126 | 6577117.403 | 351.836 | 60.00 | 0.00 | -90.00 | 07/12/2016 | 60 |
| TER-16-179 | RC | 767495.760 | 6577100.294 | 360.222 | 66.00 | 0.00 | -90.00 | 07/12/2016 | 66 |
| TER-16-180 | RC | 767531.730 | 6577136.926 | 359.779 | 45.00 | 0.00 | -90.00 | 08/12/2016 | 45 |
| TER-16-181 | RC | 767641.241 | 6577243.007 | 355.653 | 38.00 | 0.00 | -90.00 | 08/12/2016 | 38 |
| TER-16-182 | RC | 767627.559 | 6577278.493 | 353.680 | 30.00 | 0.00 | -90.00 | 08/12/2016 | 30 |
| TER-16-183 | RC | 767695.703 | 6577345.961 | 349.727 | 27.00 | 0.00 | -90.00 | 15/12/2016 | 27 |
| TER-16-184 | RC | 767678.264 | 6577380.651 | 346.205 | 23.00 | 0.00 | -90.00 | 15/12/2016 | 23 |
| TER-16-185 | RC | 767668.814 | 6577395.326 | 344.677 | 25.00 | 0.00 | -90.00 | 15/12/2016 | 25 |
| TER-16-186 | RC | 767635.300 | 6577354.811 | 345.376 | 20.00 | 0.00 | -90.00 | 15/12/2016 | 20 |
| TER-16-187 | RC | 767716.244 | 6577415.180 | 346.318 | 25.00 | 0.00 | -90.00 | 15/12/2016 | 25 |
| TER-16-188 | RC | 767739.301 | 6577373.464 | 348.188 | 60.00 | 0.00 | -90.00 | 15/12/2016 | 60 |
| TER-16-189 | RC | 767756.167 | 6577444.081 | 345.874 | 53.00 | 0.00 | -90.00 | 16/12/2016 | 53 |
| TER-16-190 | RC | 767817.954 | 6577450.571 | 345.793 | 30.00 | 0.00 | -90.00 | 16/12/2016 | 30 |
| TER-16-191 | RC | 767850.622 | 6577481.785 | 342.698 | 25.00 | 0.00 | -90.00 | 16/12/2016 | 25 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TER-16-192 | RC | 768090.222 | 6577569.479 | 318.625 | 20.00 | 0.00 | -90.00 | 16/12/2016 | 20 |
| TER-16-193 | RC | 768131.132 | 6577599.712 | 322.905 | 20.00 | 0.00 | -90.00 | 17/12/2016 | 20 |
| TER-16-194 | RC | 768004.374 | 6577516.778 | 321.493 | 20.00 | 0.00 | -90.00 | 17/12/2016 | 20 |
| TER-16-195 | RC | 767607.924 | 6577312.346 | 350.491 | 40.00 | 0.00 | -90.00 | 17/12/2016 | 40 |
| TER-16-196 | RC | 767456.847 | 6577266.660 | 349.702 | 30.00 | 0.00 | -90.00 | 17/12/2016 | 30 |
| TER-17-197 | RC | 767496.085 | 6576918.180 | 349.771 | 48.00 | 0.00 | -90.00 | 06/01/2017 | 48 |
| TER-17-198 | RC | 767363.614 | 6577046.806 | 345.871 | 80.00 | 0.00 | -90.00 | 09/01/2017 | 80 |
| TER-17-199 | RC | 767338.570 | 6577187.927 | 336.536 | 25.00 | 0.00 | -90.00 | 09/01/2017 | 25 |
| TER-17-200 | RC | 767436.735 | 6576895.874 | 351.467 | 50.00 | 0.00 | -90.00 | 09/01/2017 | 50 |
| TER-17-201 | RC | 767349.726 | 6576970.127 | 353.073 | 29.00 | 0.00 | -90.00 | 10/01/2017 | 29 |
| TER-17-202 | RC | 767420.255 | 6576933.340 | 352.995 | 40.00 | 0.00 | -90.00 | 10/01/2017 | 40 |
| TER-17-203 | RC | 767382.162 | 6576989.881 | 352.040 | 40.00 | 0.00 | -90.00 | 10/01/2017 | 40 |
| TER-17-204 | RC | 767207.597 | 6577097.222 | 352.951 | 22.00 | 0.00 | -90.00 | 11/01/2017 | 22 |
| TER-17-205 | RC | 767032.631 | 6576998.728 | 342.986 | 65.00 | 0.00 | -90.00 | 20/01/2017 | 65 |
| TER-17-206 | RC | 767045.238 | 6576973.781 | 347.554 | 80.00 | 0.00 | -90.00 | 18/01/2017 | 80 |
| TER-17-207 | RC | 767056.907 | 6577040.708 | 343.899 | 25.00 | 0.00 | -90.00 | 18/01/2017 | 25 |
| TER-17-208 | RC | 767361.611 | 6577023.087 | 349.396 | 37.00 | 0.00 | -90.00 | 18/01/2017 | 37 |
| TER-17-209 | RC | 767177.222 | 6577044.788 | 354.903 | 55.00 | 0.00 | -90.00 | 19/01/2017 | 55 |
| TER-17-210 | RC | 767153.327 | 6577086.480 | 352.118 | 30.00 | 0.00 | -90.00 | 19/01/2017 | 30 |
| TER-17-211 | RC | 767106.549 | 6577075.446 | 346.557 | 40.00 | 0.00 | -90.00 | 19/01/2017 | 40 |
| TER-17-212 | RC | 766934.616 | 6576867.578 | 349.603 | 100.00 | 0.00 | -90.00 | 20/01/2017 | 100 |
| TER-17-213 | RC | 766927.470 | 6576882.866 | 348.646 | 60.00 | 0.00 | -90.00 | 26/01/2017 | 60 |
| TER-17-214 | RC | 766956.971 | 6576924.723 | 343.008 | 100.00 | 0.00 | -90.00 | 27/01/2017 | 100 |
| TER-17-215 | RC | 766887.146 | 6576847.921 | 349.292 | 60.00 | 0.00 | -90.00 | 27/01/2017 | 60 |
| TER-17-216 | RC | 766841.607 | 6576832.520 | 346.933 | 120.00 | 0.00 | -90.00 | 28/01/2017 | 120 |
| TER-17-217 | RC | 766809.412 | 6576781.694 | 348.520 | 35.00 | 0.00 | -90.00 | 28/01/2017 | 35 |
| TER-17-218 | RC | 766740.046 | 6576706.645 | 338.522 | 40.00 | 0.00 | -90.00 | 28/01/2017 | 40 |
| TER-17-219 | RC | 766623.975 | 6576611.477 | 334.179 | 35.00 | 0.00 | -90.00 | 30/01/2017 | 35 |
| TER-17-220 | RC | 766552.510 | 6576531.625 | 334.212 | 25.00 | 0.00 | -90.00 | 30/01/2017 | 25 |
| TER-17-221 | RC | 766538.421 | 6576556.249 | 331.787 | 30.00 | 0.00 | -90.00 | 30/01/2017 | 30 |
| TER-17-222 | RC | 766513.169 | 6576505.656 | 331.540 | 25.00 | 0.00 | -90.00 | 30/01/2017 | 25 |
| TER-17-223 | RC | 766475.294 | 6576478.146 | 324.842 | 40.00 | 0.00 | -90.00 | 31/01/2017 | 40 |
| TER-17-224 | RC | 766434.277 | 6576415.368 | 322.340 | 35.00 | 0.00 | -90.00 | 31/01/2017 | 35 |
| TER-17-225 | RC | 766826.364 | 6576510.023 | 354.703 | 80.00 | 0.00 | -90.00 | 01/02/2017 | 80 |
| TER-17-226 | RC | 766913.267 | 6576581.091 | 356.515 | 80.00 | 0.00 | -90.00 | 01/02/2017 | 80 |
| TER-17-227 | RC | 766895.612 | 6576543.750 | 356.481 | 80.00 | 0.00 | -90.00 | 03/02/2017 | 80 |
| TER-17-228 | RC | 766870.654 | 6576533.712 | 356.811 | 80.00 | 0.00 | -90.00 | 04/02/2017 | 80 |
| TER-17-229 | RC | 766858.074 | 6576524.903 | 356.549 | 80.00 | 0.00 | -90.00 | 06/02/2017 | 80 |
| TER-17-230 | RC | 766758.462 | 6576426.355 | 348.168 | 80.00 | 0.00 | -90.00 | 06/02/2017 | 80 |
| TER-17-231 | RC | 766700.862 | 6576373.752 | 343.658 | 25.00 | 0.00 | -90.00 | 06/02/2017 | 25 |
| TER-17-232 | RC | 766735.617 | 6576418.374 | 347.387 | 100.00 | 0.00 | -90.00 | 07/02/2017 | 100 |
| TER-17-233 | RC | 767593.272 | 6577326.130 | 347.639 | 25.00 | 0.00 | -90.00 | 07/02/2017 | 25 |
| TER-17-234 | RC | 768056.919 | 6577551.876 | 313.843 | 18.00 | 0.00 | -90.00 | 07/02/2017 | 18 |
| TER-17-235 | RC | 767221.202 | 6576770.457 | 359.954 | 40.00 | 0.00 | -90.00 | 08/02/2017 | 40 |
| TER-17-236 | RC | 767246.984 | 6576727.507 | 355.295 | 70.00 | 0.00 | -90.00 | 08/02/2017 | 70 |
| TER-17-237 | RC | 767213.045 | 6576864.719 | 361.312 | 47.00 | 0.00 | -90.00 | 09/02/2017 | 47 |
| TER-17-238 | RC | 767366.191 | 6576839.464 | 351.820 | 35.00 | 0.00 | -90.00 | 11/05/2017 | 35 |
| TER-17-239 | RC | 767410.946 | 6576850.098 | 350.061 | 30.00 | 0.00 | -90.00 | 11/05/2017 | 30 |
| TER-17-240 | RC | 767429.400 | 6576865.657 | 350.142 | 24.00 | 0.00 | -90.00 | 16/05/2017 | 24 |
| TER-17-241 | RC | 767462.061 | 6576861.661 | 348.992 | 33.00 | 0.00 | -90.00 | 16/05/2017 | 33 |
| TER-17-242 | RC | 767520.394 | 6576893.790 | 348.615 | 35.00 | 0.00 | -90.00 | 17/05/2017 | 35 |
| TER-17-243 | RC | 767537.731 | 6576906.551 | 348.392 | 43.00 | 0.00 | -90.00 | 17/05/2017 | 43 |
| TER-17-244 | RC | 767346.168 | 6576824.207 | 352.648 | 48.00 | 150.00 | -60.00 | 18/05/2017 | 48 |
| TET-11-001 | Auger | 767,421.66 | 6,577,226.83 | 354.63 | 9.00 | - | (90.00) | 9/28/2011 | 9 |
| TET-11-002 | Auger | 767,393.59 | 6,577,273.55 | 350.93 | 6.00 | - | (90.00) | 9/29/2011 | 6 |
| TET-11-003 | Auger | 767,441.31 | 6,577,182.93 | 358.75 | 8.00 | - | (90.00) | 9/30/2011 | 8 |
| TET-11-004 | Auger | 767,236.81 | 6,577,139.49 | 355.65 | 9.00 | - | (90.00) | 10/4/2011 | 9 |
| TET-11-005 | Auger | 767,564.34 | 6,577,375.31 | 347.96 | 6.00 | - | (90.00) | 10/5/2011 | 6 |
| TET-11-006 | Auger | 767,586.15 | 6,577,332.30 | 353.29 | 6.00 | - | (90.00) | 10/6/2011 | 6 |
| TET-11-007 | Auger | 767,262.72 | 6,577,088.94 | 356.86 | 4.70 | - | (90.00) | 10/7/2011 | 5 |
| TET-11-008 | Auger | 767,213.44 | 6,577,183.72 | 352.69 | 8.00 | - | (90.00) | 10/12/2011 | 8 |
| TET-11-009 | Auger | 767,188.28 | 6,577,226.21 | 348.21 | 5.00 | - | (90.00) | 10/13/2011 | 5 |
| TET-11-010 | Auger | 767,742.73 | 6,577,464.33 | 351.88 | 7.00 | - | (90.00) | 10/19/2011 | 7 |
| TET-11-011 | Auger | 767,719.68 | 6,577,507.52 | 348.73 | 3.50 | - | (90.00) | 10/21/2011 | 4 |
| TET-11-012 | Auger | 767,929.04 | 6,577,559.11 | 334.25 | 4.00 | - | (90.00) | 10/24/2011 | 4 |
| TET-11-013 | Auger | 768,054.21 | 6,577,516.65 | 318.21 | 3.50 | - | (90.00) | 10/25/2011 | 4 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
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| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TET-11-014 | Auger | 768,089.39 | 6,577,546.21 | 321.56 | 5.50 | - | (90.00) | 10/27/2011 | 6 |
| TET-11-015 | Auger | 768,132.85 | 6,577,546.19 | 324.06 | 4.00 | - | (90.00) | 10/28/2011 | 4 |
| TET-11-016 | Auger | 768,031.40 | 6,577,580.12 | 324.86 | 7.00 | - | (90.00) | 11/3/2011 | 7 |
| TET-11-017 | Auger | 768,413.16 | 6,577,671.30 | 301.87 | 3.00 | - | (90.00) | 11/5/2011 | 3 |
| TET-11-018 | Auger | 768,213.45 | 6,577,243.28 | 341.62 | 6.00 | - | (90.00) | 11/10/2011 | 6 |
| TET-11-019 | Auger | 767,961.64 | 6,577,473.98 | 337.26 | 2.70 | - | (90.00) | 11/22/2011 | 3 |
| TET-11-020 | Auger | 767,768.66 | 6,577,418.44 | 353.16 | 6.00 | - | (90.00) | 11/23/2011 | 6 |
| TET-11-021 | Auger | 767,793.27 | 6,577,378.95 | 353.87 | 10.00 | - | (90.00) | 11/25/2011 | 10 |
| TET-11-022 | Auger | 767,613.65 | 6,577,285.24 | 359.27 | 10.00 | - | (90.00) | 11/28/2011 | 10 |
| TET-11-023 | Auger | 767,637.43 | 6,577,243.10 | 362.66 | 10.00 | - | (90.00) | 11/29/2011 | 10 |
| TET-11-024 | Auger | 767,465.36 | 6,577,137.79 | 363.63 | 10.00 | - | (90.00) | 12/1/2011 | 10 |
| TET-11-025 | Auger | 767,491.86 | 6,577,094.21 | 366.47 | 10.00 | - | (90.00) | 12/7/2011 | 10 |
| TET-11-026 | Auger | 767,051.28 | 6,577,058.68 | 348.05 | 6.00 | - | (90.00) | 12/8/2011 | 6 |
| TET-12-027 | Auger | 768,177.71 | 6,577,633.07 | 324.58 | 5.60 | - | (90.00) | 2/8/2012 | 6 |
| TET-12-028 | Auger | 768,232.92 | 6,577,670.56 | 318.66 | 3.00 | - | (90.00) | 2/8/2012 | 3 |
| TET-12-029 | Auger | 768,537.00 | 6,577,370.36 | 331.64 | 2.00 | - | (90.00) | 2/9/2012 | 2 |
| TET-12-030 | Auger | 768,516.73 | 6,577,404.17 | 340.00 | 3.00 | - | (90.00) | 2/13/2012 | 3 |
| TET-12-031 | Auger | 768,499.23 | 6,577,437.87 | 337.55 | 4.00 | - | (90.00) | 2/13/2012 | 4 |
| TET-12-032 | Auger | 768,447.81 | 6,577,319.80 | 342.11 | 3.00 | - | (90.00) | 2/14/2012 | 3 |
| TET-12-033 | Auger | 768,432.17 | 6,577,354.51 | 340.85 | 8.00 | - | (90.00) | 2/15/2012 | 8 |
| TET-12-034 | Auger | 768,410.89 | 6,577,389.53 | 333.80 | 5.45 | - | (90.00) | 2/15/2012 | 5 |
| TET-12-035 | Auger | 768,364.36 | 6,577,270.65 | 335.19 | 3.43 | - | (90.00) | 2/16/2012 | 4 |
| TET-12-036 | Auger | 768,348.47 | 6,577,308.64 | 331.56 | 4.00 | - | (90.00) | 2/17/2012 | 4 |
| TET-12-037 | Auger | 768,275.32 | 6,577,220.69 | 340.83 | 2.00 | - | (90.00) | 2/20/2012 | 2 |
| TET-12-038 | Auger | 768,254.55 | 6,577,257.78 | 344.13 | 5.50 | - | (90.00) | 2/20/2012 | 6 |
| TET-12-039 | Auger | 768,238.80 | 6,577,290.30 | 344.16 | 4.00 | - | (90.00) | 2/22/2012 | 4 |
| TET-12-040 | Auger | 768,185.58 | 6,577,175.27 | 335.88 | 5.00 | - | (90.00) | 2/23/2012 | 5 |
| TET-12-041 | Auger | 768,171.60 | 6,577,210.85 | 331.73 | 3.80 | - | (90.00) | 2/23/2012 | 4 |
| TET-12-042 | Auger | 768,145.80 | 6,577,243.46 | 333.30 | 8.00 | - | (90.00) | 2/25/2012 | 8 |
| TET-12-043 | Auger | 768,129.70 | 6,577,274.65 | 330.91 | 6.80 | - | (90.00) | 2/27/2012 | 7 |
| TET-12-044 | Auger | 768,104.48 | 6,577,117.98 | 330.64 | 8.00 | - | (90.00) | 2/28/2012 | 8 |
| TET-12-045 | Auger | 768,085.76 | 6,577,162.16 | 325.96 | 5.00 | - | (90.00) | 3/1/2012 | 5 |
| TET-12-046 | Auger | 768,066.89 | 6,577,190.61 | 322.21 | 3.00 | - | (90.00) | 3/6/2012 | 3 |
| TET-12-047 | Auger | 768,017.47 | 6,577,067.51 | 333.00 | 6.00 | - | (90.00) | 3/8/2012 | 6 |
| TET-12-048 | Auger | 767,996.61 | 6,577,106.49 | 323.14 | 3.00 | - | (90.00) | 3/8/2012 | 3 |
| TET-12-049 | Auger | 767,971.93 | 6,577,149.32 | 333.59 | 6.00 | - | (90.00) | 3/9/2012 | 6 |
| TET-12-050 | Auger | 767,930.51 | 6,577,022.23 | 330.36 | 5.00 | - | (90.00) | 3/10/2012 | 5 |
| TET-12-051 | Auger | 767,910.56 | 6,577,059.00 | 329.42 | 4.60 | - | (90.00) | 3/12/2012 | 5 |
| TET-12-052 | Auger | 767,889.83 | 6,577,088.38 | 338.46 | 5.00 | - | (90.00) | 3/12/2012 | 5 |
| TET-12-053 | Auger | 767,826.40 | 6,577,007.50 | 343.48 | 5.85 | - | (90.00) | 3/13/2012 | 6 |
| TET-12-054 | Auger | 768,215.10 | 6,577,479.62 | 311.88 | 3.70 | - | (90.00) | 3/13/2012 | 4 |
| TET-12-055 | Auger | 767,110.75 | 6,577,078.30 | 354.13 | 4.75 | - | (90.00) | 3/14/2012 | 5 |
| TET-12-056 | Auger | 768,198.49 | 6,577,514.04 | 306.99 | 2.30 | - | (90.00) | 3/14/2012 | 3 |
| TET-12-057 | Auger | 767,310.92 | 6,578,034.36 | 315.37 | 2.85 | - | (90.00) | 3/15/2012 | 3 |
| TET-12-058 | Auger | 768,170.00 | 6,577,547.00 | 321.00 | 3.00 | - | (90.00) | 3/14/2012 | 3 |
| TET-12-059 | Auger | 767,291.73 | 6,578,082.12 | 318.29 | 13.00 | - | (90.00) | 3/16/2012 | 13 |
| TET-12-060 | Auger | 768,109.45 | 6,577,466.79 | 311.58 | 3.25 | - | (90.00) | 3/15/2012 | 4 |
| TET-12-061 | Auger | 767,268.00 | 6,578,125.00 | 312.00 | 5.70 | - | (90.00) | 3/19/2012 | 6 |
| TET-12-062 | Auger | 768,088.36 | 6,577,500.41 | 312.72 | 2.35 | - | (90.00) | 3/15/2012 | 3 |
| TET-12-063 | Auger | 767,120.01 | 6,577,963.32 | 330.61 | 8.00 | - | (90.00) | 3/19/2012 | 8 |
| TET-12-064 | Auger | 767,215.49 | 6,578,000.23 | 330.68 | 2.00 | - | (90.00) | 3/16/2012 | 2 |
| TET-12-065 | Auger | 767,106.07 | 6,578,013.74 | 326.42 | 7.65 | - | (90.00) | 3/20/2012 | 8 |
| TET-12-066 | Auger | 767,198.39 | 6,578,046.84 | 331.57 | 6.00 | - | (90.00) | 3/16/2012 | 6 |
| TET-12-067 | Auger | 767,089.03 | 6,578,059.42 | 328.46 | 8.00 | - | (90.00) | 3/21/2012 | 8 |
| TET-12-068 | Auger | 767,180.06 | 6,578,091.55 | 329.81 | 10.00 | - | (90.00) | 3/19/2012 | 10 |
| TET-12-069 | Auger | 767,068.94 | 6,578,103.95 | 325.34 | 7.00 | - | (90.00) | 3/22/2012 | 7 |
| TET-12-070 | Auger | 767,164.43 | 6,578,140.33 | 326.33 | 7.00 | - | (90.00) | 3/20/2012 | 7 |
| TET-12-071 | Auger | 766,977.17 | 6,578,068.99 | 314.42 | 4.70 | - | (90.00) | 3/22/2012 | 5 |
| TET-12-072 | Auger | 767,027.01 | 6,577,930.79 | 320.67 | 5.00 | - | (90.00) | 3/21/2012 | 5 |
| TET-12-073 | Auger | 766,878.73 | 6,578,038.90 | 300.48 | 3.75 | - | (90.00) | 3/23/2012 | 4 |
| TET-12-074 | Auger | 767,007.65 | 6,577,981.72 | 318.07 | 9.00 | - | (90.00) | 3/22/2012 | 9 |
| TET-12-075 | Auger | 766,834.71 | 6,577,966.42 | 313.79 | 7.75 | - | (90.00) | 3/24/2012 | 8 |
| TET-12-076 | Auger | 766,993.40 | 6,578,024.32 | 311.67 | 4.00 | - | (90.00) | 3/22/2012 | 4 |
| TET-12-077 | Auger | 766,784.19 | 6,578,002.72 | 312.06 | 4.35 | - | (90.00) | 3/24/2012 | 5 |
| TET-12-078 | Auger | 766,819.74 | 6,577,908.59 | 315.61 | 5.00 | - | (90.00) | 3/26/2012 | 5 |
| TET-12-079 | Auger | 766,839.68 | 6,577,862.33 | 313.78 | 5.00 | - | (90.00) | 3/26/2012 | 5 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TET-12-080 | Auger | 766,933.79 | 6,577,897.75 | 310.50 | 8.00 | - | (90.00) | 3/27/2012 | 8 |
| TET-12-081 | Auger | 766,914.99 | 6,577,943.87 | 306.33 | 4.00 | - | (90.00) | 3/27/2012 | 4 |
| TET-12-082 | Auger | 766,904.06 | 6,577,996.23 | 302.43 | 3.45 | - | (90.00) | 3/28/2012 | 4 |
| TET-12-083 | Auger | 768,207.47 | 6,577,587.54 | 327.16 | 4.30 | - | (90.00) | 3/28/2012 | 5 |
| TET-12-084 | Auger | 768,070.53 | 6,577,900.56 | 336.93 | 4.50 | - | (90.00) | 3/29/2012 | 5 |
| TET-12-085 | Auger | 768,068.14 | 6,577,954.29 | 338.93 | 5.50 | - | (90.00) | 3/29/2012 | 6 |
| TET-12-086 | Auger | 768,069.90 | 6,578,002.11 | 338.22 | 3.00 | - | (90.00) | 3/29/2012 | 3 |
| TET-12-087 | Auger | 768,070.23 | 6,578,051.49 | 328.06 | 8.50 | - | (90.00) | 3/30/2012 | 9 |
| TET-12-088 | Auger | 768,167.31 | 6,578,054.26 | 333.58 | 5.00 | - | (90.00) | 3/31/2012 | 5 |
| TET-12-089 | Auger | 768,167.29 | 6,578,005.44 | 335.31 | 4.00 | - | (90.00) | 3/31/2012 | 4 |
| TET-12-090 | Auger | 768,168.70 | 6,577,952.77 | 331.50 | 4.00 | - | (90.00) | 3/31/2012 | 4 |
| TET-12-091 | Auger | 767,967.04 | 6,577,902.81 | 344.07 | 5.00 | - | (90.00) | 4/2/2012 | 5 |
| TET-12-092 | Auger | 767,967.74 | 6,577,954.90 | 342.51 | 3.00 | - | (90.00) | 4/2/2012 | 3 |
| TET-12-093 | Auger | 767,967.55 | 6,578,001.61 | 343.21 | 2.00 | - | (90.00) | 4/3/2012 | 2 |
| TET-12-094 | Auger | 767,966.99 | 6,578,054.71 | 335.92 | 5.00 | - | (90.00) | 4/3/2012 | 5 |
| TET-12-095 | Auger | 767,960.69 | 6,577,789.43 | 345.56 | 4.80 | - | (90.00) | 4/4/2012 | 5 |
| TET-12-096 | Auger | 767,961.73 | 6,577,744.97 | 343.16 | 5.00 | - | (90.00) | 4/4/2012 | 5 |
| TET-12-097 | Auger | 767,958.64 | 6,577,692.99 | 343.29 | 3.70 | - | (90.00) | 4/5/2012 | 4 |
| TET-12-098 | Auger | 768,147.47 | 6,577,683.24 | 321.10 | 5.55 | - | (90.00) | 4/9/2012 | 6 |
| TET-12-099 | Auger | 767,672.93 | 6,577,526.94 | 349.59 | 6.00 | - | (90.00) | 4/10/2012 | 6 |
| TET-12-100 | Auger | 767,687.83 | 6,577,500.05 | 351.63 | 6.00 | - | (90.00) | 4/11/2012 | 6 |
| TET-12-101 | Auger | 767,461.40 | 6,577,540.82 | 347.12 | 5.00 | - | (90.00) | 4/11/2012 | 5 |
| TET-12-102 | Auger | 766,708.94 | 6,577,079.63 | 346.01 | 6.00 | - | (90.00) | 4/12/2012 | 6 |
| TET-12-103 | Auger | 766,805.12 | 6,577,079.89 | 345.99 | 3.45 | - | (90.00) | 4/13/2012 | 4 |
| TET-12-104 | Auger | 766,906.28 | 6,577,081.19 | 348.05 | 3.70 | - | (90.00) | 4/13/2012 | 4 |
| TET-12-105 | Auger | 766,605.90 | 6,577,079.62 | 349.45 | 4.65 | - | (90.00) | 4/14/2012 | 5 |
| TET-12-106 | Auger | 766,583.19 | 6,577,110.16 | 350.95 | 3.00 | - | (90.00) | 4/16/2012 | 3 |
| TET-12-107 | Auger | 766,681.38 | 6,577,128.30 | 347.23 | 4.75 | - | (90.00) | 4/16/2012 | 5 |
| TET-12-108 | Auger | 766,764.25 | 6,577,138.80 | 342.67 | 2.75 | - | (90.00) | 4/17/2012 | 3 |
| TET-12-109 | Auger | 766,880.18 | 6,577,128.13 | 343.10 | 3.75 | - | (90.00) | 4/17/2012 | 4 |
| TET-12-110 | Auger | 766,554.77 | 6,577,170.59 | 351.74 | 3.70 | - | (90.00) | 4/18/2012 | 4 |
| TET-12-111 | Auger | 766,656.66 | 6,577,168.97 | 347.02 | 5.00 | - | (90.00) | 4/18/2012 | 5 |
| TET-12-112 | Auger | 766,755.81 | 6,577,170.24 | 347.29 | 2.60 | - | (90.00) | 4/19/2012 | 3 |
| TET-12-113 | Auger | 766,855.77 | 6,577,168.81 | 336.25 | 1.50 | - | (90.00) | 4/19/2012 | 2 |
| TET-12-114 | Auger | 766,531.33 | 6,577,222.27 | 351.91 | 3.50 | - | (90.00) | 4/20/2012 | 4 |
| TET-12-115 | Auger | 766,632.77 | 6,577,221.59 | 348.02 | 5.00 | - | (90.00) | 4/20/2012 | 5 |
| TET-12-116 | Auger | 766,732.28 | 6,577,214.20 | 342.79 | 3.00 | - | (90.00) | 4/23/2012 | 3 |
| TET-12-117 | Auger | 766,831.44 | 6,577,216.09 | 337.77 | 2.90 | - | (90.00) | 4/23/2012 | 3 |
| TET-12-118 | Auger | 766,806.91 | 6,577,252.00 | 341.05 | 4.50 | - | (90.00) | 4/24/2012 | 5 |
| TET-12-119 | Auger | 766,701.16 | 6,577,266.10 | 340.57 | 5.00 | - | (90.00) | 4/25/2012 | 5 |
| TET-12-120 | Auger | 766,603.82 | 6,577,260.77 | 353.64 | 9.00 | - | (90.00) | 4/25/2012 | 9 |
| TET-12-121 | Auger | 767,003.04 | 6,577,077.92 | 341.65 | 3.45 | - | (90.00) | 4/26/2012 | 4 |
| TET-12-122 | Auger | 767,854.18 | 6,577,465.46 | 351.97 | 11.80 | - | (90.00) | 4/28/2012 | 12 |
| TET-12-123 | Auger | 767,864.81 | 6,577,446.02 | 354.54 | 6.35 | - | (90.00) | 4/28/2012 | 7 |
| TET-12-124 | Auger | 767,706.38 | 6,577,322.98 | 359.08 | 13.00 | - | (90.00) | 4/30/2012 | 13 |
| TET-12-125 | Auger | 767,552.27 | 6,577,197.87 | 367.07 | 10.35 | - | (90.00) | 5/3/2012 | 11 |
| TET-12-126 | Auger | 767,407.54 | 6,577,035.02 | 357.63 | 13.00 | - | (90.00) | 5/4/2012 | 13 |
| TET-12-127 | Auger | 767,381.08 | 6,577,079.97 | 352.37 | 9.00 | - | (90.00) | 5/10/2012 | 9 |
| TET-12-128 | Auger | 767,524.55 | 6,577,234.50 | 363.02 | 10.00 | - | (90.00) | 5/14/2012 | 10 |
| TET-12-129 | Auger | 767,561.72 | 6,577,173.36 | 366.95 | 14.00 | - | (90.00) | 5/16/2012 | 14 |
| TET-12-130 | Auger | 767,497.81 | 6,577,280.82 | 357.33 | 12.90 | - | (90.00) | 5/17/2012 | 13 |
| TET-12-131 | Auger | 767,681.68 | 6,577,366.88 | 354.76 | 8.85 | - | (90.00) | 5/18/2012 | 9 |
| TET-12-132 | Auger | 767,658.20 | 6,577,410.38 | 351.27 | 9.00 | - | (90.00) | 5/19/2012 | 9 |
| TET-12-133 | Auger | 767,628.30 | 6,577,466.71 | 343.70 | 7.00 | - | (90.00) | 5/21/2012 | 7 |
| TET-12-134 | Auger | 767,085.30 | 6,577,041.09 | 351.24 | 7.60 | - | (90.00) | 5/22/2012 | 8 |
| TET-12-135 | Auger | 767,299.26 | 6,577,196.82 | 342.14 | 1.40 | - | (90.00) | 5/23/2012 | 2 |
| TET-12-136 | Auger | 768,144.24 | 6,577,626.38 | 327.56 | 6.00 | - | (90.00) | 5/23/2012 | 6 |
| TET-12-137 | Auger | 766,261.71 | 6,577,354.80 | 350.90 | 6.50 | - | (90.00) | 5/24/2012 | 7 |
| TET-12-138 | Auger | 766,264.29 | 6,577,408.21 | 349.09 | 6.00 | - | (90.00) | 5/24/2012 | 6 |
| TET-12-139 | Auger | 766,259.20 | 6,577,450.21 | 343.85 | 5.00 | - | (90.00) | 5/25/2012 | 5 |
| TET-12-140 | Auger | 765,487.39 | 6,577,552.97 | 338.60 | 11.50 | - | (90.00) | 5/26/2012 | 12 |
| TET-12-141 | Auger | 765,485.49 | 6,577,645.70 | 341.85 | 14.00 | - | (90.00) | 5/29/2012 | 14 |
| TET-12-142 | Auger | 767,858.96 | 6,577,457.61 | 352.80 | 15.63 | - | (90.00) | 5/31/2012 | 20 |
| TET-12-143 | Auger | 767,871.00 | 6,577,436.50 | 352.59 | 12.32 | - | (90.00) | 6/2/2012 | 16 |
| TET-12-144 | Auger | 767,703.82 | 6,577,322.09 | 359.04 | 12.60 | - | (90.00) | 6/5/2012 | 15 |
| TET-12-145 | Auger | 767,547.58 | 6,577,196.16 | 367.10 | 9.87 | - | (90.00) | 6/6/2012 | 12 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TET-12-146 | Auger | 767,564.60 | 6,577,162.87 | 365.66 | 13.15 | - | (90.00) | 6/7/2012 | 19 |
| TET-12-147 | Auger | 765,483.90 | 6,577,745.73 | 344.28 | 13.70 | - | (90.00) | 6/12/2012 | 14 |
| TET-12-148 | Auger | 765,486.25 | 6,577,848.38 | 335.52 | 10.00 | - | (90.00) | 6/13/2012 | 10 |
| TET-12-149 | Auger | 765,486.89 | 6,577,946.73 | 332.90 | 10.00 | - | (90.00) | 6/15/2012 | 10 |
| TET-12-150 | Auger | 765,586.08 | 6,577,888.55 | 321.68 | 3.00 | - | (90.00) | 6/16/2012 | 3 |
| TET-12-151 | Auger | 765,585.88 | 6,577,799.51 | 337.16 | 7.80 | - | (90.00) | 6/18/2012 | 8 |
| TET-12-152 | Auger | 765,585.58 | 6,577,696.91 | 346.58 | 6.90 | - | (90.00) | 6/18/2012 | 7 |
| TET-12-153 | Auger | 765,586.83 | 6,577,580.44 | 345.36 | 8.00 | - | (90.00) | 6/19/2012 | 8 |
| TET-12-154 | Auger | 765,677.10 | 6,577,647.45 | 333.56 | 7.20 | - | (90.00) | 6/19/2012 | 8 |
| TET-12-155 | Auger | 765,676.90 | 6,577,748.00 | 327.29 | 4.60 | - | (90.00) | 6/19/2012 | 5 |
| TET-12-156 | Auger | 765,676.86 | 6,577,847.68 | 321.15 | 7.00 | - | (90.00) | 6/20/2012 | 7 |
| TET-12-157 | Auger | 765,786.36 | 6,577,847.43 | 329.96 | 7.50 | - | (90.00) | 6/20/2012 | 8 |
| TET-12-158 | Auger | 765,786.30 | 6,577,749.04 | 337.09 | 10.00 | - | (90.00) | 6/22/2012 | 10 |
| TET-12-159 | Auger | 765,788.24 | 6,577,649.17 | 343.82 | 11.50 | - | (90.00) | 6/22/2012 | 12 |
| TET-12-160 | Auger | 765,387.76 | 6,577,946.62 | 331.04 | 6.00 | - | (90.00) | 6/23/2012 | 6 |
| TET-12-161 | Auger | 765,386.40 | 6,577,857.99 | 342.87 | 6.00 | - | (90.00) | 6/23/2012 | 6 |
| TET-12-162 | Auger | 765,386.17 | 6,577,749.60 | 338.75 | 5.00 | - | (90.00) | 6/23/2012 | 5 |
| TET-12-163 | Auger | 765,387.03 | 6,577,649.85 | 337.49 | 9.40 | - | (90.00) | 6/25/2012 | 10 |
| TET-12-164 | Auger | 765,387.21 | 6,577,599.43 | 334.37 | 10.00 | - | (90.00) | 6/27/2012 | 10 |
| TET-12-165 | Auger | 765,387.11 | 6,577,699.03 | 337.70 | 6.20 | - | (90.00) | 6/25/2012 | 7 |
| TET-12-166 | Auger | 765,389.01 | 6,577,798.16 | 342.29 | 3.80 | - | (90.00) | 6/28/2012 | 4 |
| TET-12-167 | Auger | 765,387.78 | 6,577,896.28 | 335.96 | 4.90 | - | (90.00) | 6/28/2012 | 5 |
| TET-12-168 | Auger | 765,387.41 | 6,577,996.71 | 329.08 | 6.40 | - | (90.00) | 6/30/2012 | 7 |
| TET-12-169 | Auger | 765,489.39 | 6,577,600.64 | 339.61 | 7.00 | - | (90.00) | 7/4/2012 | 7 |
| TET-12-170 | Auger | 765,488.05 | 6,577,698.64 | 345.11 | 6.00 | - | (90.00) | 7/5/2012 | 6 |
| TET-12-171 | Auger | 765,487.55 | 6,577,797.79 | 340.35 | 10.00 | - | (90.00) | 7/9/2012 | 10 |
| TET-12-172 | Auger | 765,487.39 | 6,577,897.28 | 328.36 | 7.90 | - | (90.00) | 7/10/2012 | 8 |
| TET-12-173 | Auger | 765,488.01 | 6,577,997.48 | 341.61 | 11.00 | - | (90.00) | 7/11/2012 | 11 |
| TET-12-174 | Auger | 765,586.93 | 6,577,548.99 | 344.06 | 5.60 | - | (90.00) | 7/12/2012 | 6 |
| TET-12-175 | Auger | 765,589.45 | 6,577,647.64 | 346.34 | 8.00 | - | (90.00) | 7/13/2012 | 8 |
| TET-12-176 | Auger | 765,587.88 | 6,577,744.26 | 339.76 | 6.00 | - | (90.00) | 7/14/2012 | 6 |
| TET-12-177 | Auger | 768,155.00 | 6,577,627.00 | 325.00 | 9.00 | - | (90.00) | 10/31/2012 | 9 |
| TET-12-178 | Auger | 767,820.00 | 6,577,437.00 | 359.00 | 8.00 | - | (90.00) | 11/1/2012 | 8 |
| TET-12-179 | Auger | 767,584.00 | 6,577,244.00 | 362.00 | 8.30 | - | (90.00) | 11/3/2012 | 9 |
| TET-12-180 | Auger | 767,374.00 | 6,577,010.00 | 356.00 | 10.00 | - | (90.00) | 11/6/2012 | 10 |
| TET-12-181 | Auger | 767,010.00 | 6,577,025.00 | 348.00 | 7.00 | - | (90.00) | 11/7/2012 | 7 |
| TET-12-182 | Auger | 767,362.00 | 6,577,235.00 | 346.00 | 10.00 | - | (90.00) | 11/8/2012 | 10 |
| TET-12-183 | Auger | 767,628.00 | 6,577,157.00 | 358.00 | 5.00 | - | (90.00) | 11/13/2012 | 5 |
| TET-12-184 | Auger | 768,026.00 | 6,577,540.00 | 326.00 | 4.50 | - | (90.00) | 11/14/2012 | 5 |
| TET-13-185 | Auger | 766,850.00 | 6,576,848.27 | 357.00 | 2.65 | - | (90.00) | 4/19/2013 | 1 |
| TET-13-186 | Auger | 766,850.00 | 6,576,725.00 | 358.00 | 2.00 | - | (90.00) | 4/19/2013 | 1 |
| TET-13-187 | Auger | 766,850.00 | 6,576,525.00 | 358.00 | 10.00 | - | (90.00) | 4/19/2013 | 1 |
| TET-13-188 | Auger | 766,651.00 | 6,576,776.00 | 314.00 | 2.00 | - | (90.00) | 4/20/2013 | 1 |
| TET-13-189 | Auger | 766,656.00 | 6,576,691.00 | 339.00 | 3.00 | - | (90.00) | 4/20/2013 | 1 |
| TET-13-190 | Auger | 766,650.00 | 6,576,600.00 | 345.00 | 7.00 | - | (90.00) | 4/20/2013 | 1 |
| TET-13-191 | Auger | 766,650.00 | 6,576,650.00 | 345.00 | 3.00 | - | (90.00) | 4/22/2013 | 1 |
| TET-13-192 | Auger | 766,651.00 | 6,576,512.00 | 353.00 | 1.30 | - | (90.00) | 4/22/2013 | 1 |
| TET-13-193 | Auger | 766,649.00 | 6,576,405.00 | 353.00 | 1.55 | - | (90.00) | 4/22/2013 | 1 |
| TET-13-194 | Auger | 766,651.00 | 6,576,348.00 | 352.00 | 1.60 | - | (90.00) | 4/22/2013 | 1 |
| TET-13-195 | Auger | 766,660.00 | 6,576,301.00 | 349.00 | 1.80 | - | (90.00) | 4/22/2013 | 1 |
| TET-13-196 | Auger | 766,450.00 | 6,576,350.00 | 336.00 | 2.00 | - | (90.00) | 4/22/2013 | 1 |
| TET-13-197 | Auger | 766,448.00 | 6,576,468.00 | 332.00 | 2.50 | - | (90.00) | 4/23/2013 | 1 |
| TET-13-198 | Auger | 766,450.00 | 6,576,550.00 | 336.00 | 1.00 | - | (90.00) | 4/23/2013 | 1 |
| TET-13-199 | Auger | 766,450.00 | 6,576,625.00 | 329.00 | 2.00 | - | (90.00) | 4/23/2013 | 1 |
| TET-13-200 | Auger | 766,850.00 | 6,576,775.00 | 361.00 | 2.00 | - | (90.00) | 4/23/2013 | 1 |
| TET-13-201 | Auger | 766,650.00 | 6,576,255.00 | 346.00 | 2.00 | - | (90.00) | 4/23/2013 | 1 |
| TET-13-202 | Auger | 766,450.00 | 6,576,410.00 | 336.00 | 1.30 | - | (90.00) | 4/23/2013 | 1 |
| TET-13-203 | Auger | 766,450.00 | 6,576,488.00 | 331.00 | 2.60 | - | (90.00) | 4/24/2013 | 1 |
| TET-13-204 | Auger | 766,249.00 | 6,576,375.00 | 322.00 | 2.00 | - | (90.00) | 4/24/2013 | 1 |
| TET-13-205 | Auger | 766,250.00 | 6,576,302.00 | 325.00 | 0.50 | - | (90.00) | 4/24/2013 | 1 |
| TET-13-206 | Auger | 766,250.00 | 6,576,225.00 | 334.00 | 1.00 | - | (90.00) | 4/24/2013 | 1 |
| TET-13-207 | Auger | 766,251.00 | 6,576,180.00 | 330.00 | 1.00 | - | (90.00) | 4/24/2013 | 1 |
| TET-13-208 | Auger | 766,850.00 | 6,576,891.00 | 351.00 | 1.70 | - | (90.00) | 4/24/2013 | 1 |
| TET-13-209 | Auger | 766,866.00 | 6,576,895.00 | 357.00 | 2.00 | - | (90.00) | 4/25/2013 | 1 |
| TET-13-210 | Auger | 767,054.00 | 6,576,866.00 | 364.00 | 2.00 | - | (90.00) | 4/25/2013 | 1 |
| TET-13-211 | Auger | 767,250.00 | 6,576,950.00 | 364.00 | 3.00 | - | (90.00) | 4/25/2013 | 1 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TET-13-212 | Auger | 767,344.00 | 6,576,951.00 | 366.00 | 0.50 | - | (90.00) | 4/25/2013 | 1 |
| TET-13-213 | Auger | 767,446.00 | 6,576,873.00 | 355.00 | 0.50 | - | (90.00) | 4/25/2013 | 1 |
| TET-13-214 | Auger | 766,247.00 | 6,576,131.00 | 323.00 | 4.60 | - | (90.00) | 4/26/2013 | 1 |
| TET-13-215 | Auger | 766,249.00 | 6,576,155.00 | 324.00 | 3.00 | - | (90.00) | 4/26/2013 | 1 |
| TET-13-216 | Auger | 766,253.00 | 6,576,206.00 | 339.00 | 2.00 | - | (90.00) | 4/26/2013 | 1 |
| TET-13-217 | Auger | 766,236.00 | 6,576,257.00 | 331.00 | 2.00 | - | (90.00) | 4/26/2013 | 1 |
| TET-13-218 | Auger | 766,393.00 | 6,576,256.00 | 330.00 | 4.00 | - | (90.00) | 4/26/2013 | 1 |
| TET-13-219 | Auger | 766,751.00 | 6,576,677.00 | 348.00 | 2.00 | - | (90.00) | 4/29/2013 | 1 |
| TET-13-220 | Auger | 766,749.00 | 6,576,724.00 | 346.00 | 3.00 | - | (90.00) | 4/29/2013 | 1 |
| TET-13-221 | Auger | 766,754.00 | 6,576,750.00 | 348.00 | 2.00 | - | (90.00) | 4/29/2013 | 1 |
| TET-13-222 | Auger | 766,749.00 | 6,576,775.00 | 352.00 | 1.00 | - | (90.00) | 4/29/2013 | 1 |
| TET-13-223 | Auger | 766,748.00 | 6,576,795.00 | 358.00 | 2.00 | - | (90.00) | 4/29/2013 | 1 |
| TET-13-224 | Auger | 766,751.00 | 6,576,782.00 | 355.00 | 1.70 | - | (90.00) | 4/29/2013 | 1 |
| TET-13-225 | Auger | 766,746.00 | 6,576,834.00 | 354.00 | 1.00 | - | (90.00) | 4/29/2013 | 1 |
| TET-13-226 | Auger | 766,350.00 | 6,576,275.00 | 328.00 | 3.00 | - | (90.00) | 4/30/2013 | 1 |
| TET-13-227 | Auger | 766,350.00 | 6,576,300.00 | 326.00 | 3.00 | - | (90.00) | 4/30/2013 | 1 |
| TET-13-228 | Auger | 766,350.00 | 6,576,325.00 | 324.00 | 2.40 | - | (90.00) | 4/30/2013 | 1 |
| TET-13-229 | Auger | 766,350.00 | 6,576,350.00 | 321.00 | 2.00 | - | (90.00) | 4/30/2013 | 1 |
| TET-13-230 | Auger | 766,350.00 | 6,576,375.00 | 318.00 | 2.00 | - | (90.00) | 4/30/2013 | 1 |
| TET-13-231 | Auger | 766,350.00 | 6,576,400.00 | 318.00 | 3.00 | - | (90.00) | 4/30/2013 | 1 |
| TET-13-232 | Auger | 766,350.00 | 6,576,425.00 | 318.00 | 3.00 | - | (90.00) | 5/1/2013 | 1 |
| TET-13-233 | Auger | 766,350.00 | 6,576,450.00 | 317.00 | 3.00 | - | (90.00) | 5/1/2013 | 1 |
| TET-13-234 | Auger | 766,550.00 | 6,576,450.00 | 350.00 | 1.25 | - | (90.00) | 5/1/2013 | 1 |
| TET-13-235 | Auger | 766,550.00 | 6,576,475.00 | 347.00 | 2.00 | - | (90.00) | 5/1/2013 | 1 |
| TET-13-236 | Auger | 766,550.00 | 6,576,500.00 | 345.00 | 2.00 | - | (90.00) | 5/1/2013 | 1 |
| TET-13-237 | Auger | 766,550.00 | 6,576,525.00 | 344.00 | 2.00 | - | (90.00) | 5/1/2013 | 1 |
| TET-13-238 | Auger | 766,550.00 | 6,576,550.00 | 338.00 | 3.00 | - | (90.00) | 5/2/2013 | 1 |
| TET-13-239 | Auger | 766,550.00 | 6,576,575.00 | 336.00 | 2.00 | - | (90.00) | 5/2/2013 | 1 |
| TET-13-240 | Auger | 766,550.00 | 6,576,600.00 | 335.00 | 1.20 | - | (90.00) | 5/2/2013 | 1 |
| TET-13-241 | Auger | 766,550.00 | 6,576,625.00 | 337.00 | 3.00 | - | (90.00) | 5/2/2013 | 1 |
| TET-13-242 | Auger | 766,750.00 | 6,576,500.00 | 344.00 | 3.00 | - | (90.00) | 5/2/2013 | 1 |
| TET-13-243 | Auger | 766,750.00 | 6,576,475.00 | 351.00 | 2.00 | - | (90.00) | 5/6/2013 | 1 |
| TET-13-244 | Auger | 766,750.00 | 6,576,450.00 | 357.00 | 3.00 | - | (90.00) | 5/6/2013 | 1 |
| TET-13-245 | Auger | 766,750.00 | 6,576,425.00 | 355.00 | 2.00 | - | (90.00) | 5/6/2013 | 1 |
| TET-13-246 | Auger | 766,750.00 | 6,576,550.00 | 356.00 | 2.00 | - | (90.00) | 5/6/2013 | 1 |
| TET-13-247 | Auger | 766,750.00 | 6,576,600.00 | 353.00 | 3.00 | - | (90.00) | 5/6/2013 | 1 |
| TET-13-248 | Auger | 766,750.00 | 6,576,400.00 | 353.00 | 3.00 | - | (90.00) | 5/7/2013 | 1 |
| TET-13-249 | Auger | 766,750.00 | 6,576,375.00 | 356.00 | 2.00 | - | (90.00) | 5/7/2013 | 1 |
| TET-13-250 | Auger | 766,850.00 | 6,576,600.00 | 359.00 | 2.60 | - | (90.00) | 5/7/2013 | 1 |
| TET-13-251 | Auger | 766,953.00 | 6,576,800.00 | 364.00 | 4.00 | - | (90.00) | 5/7/2013 | 1 |
| TET-13-252 | Auger | 766,950.00 | 6,576,825.00 | 361.00 | 2.00 | - | (90.00) | 5/8/2013 | 1 |
| TET-13-253 | Auger | 766,950.00 | 6,576,850.00 | 358.00 | 3.00 | - | (90.00) | 5/8/2013 | 1 |
| TET-13-254 | Auger | 766,950.00 | 6,576,875.00 | 355.00 | 2.00 | - | (90.00) | 5/8/2013 | 1 |
| TET-13-255 | Auger | 766,750.00 | 6,576,900.00 | 352.00 | 1.00 | - | (90.00) | 5/8/2013 | 1 |
| TET-13-256 | Auger | 766,950.00 | 6,576,925.00 | 349.00 | 3.00 | - | (90.00) | 5/8/2013 | 1 |
| TET-13-257 | Auger | 766,945.00 | 6,576,775.00 | 365.00 | 3.00 | - | (90.00) | 5/9/2013 | 1 |
| TET-13-258 | Auger | 766,950.00 | 6,576,750.00 | 365.00 | 2.00 | - | (90.00) | 5/9/2013 | 1 |
| TET-13-259 | Auger | 766,950.00 | 6,576,725.00 | 365.00 | 3.00 | - | (90.00) | 5/9/2013 | 1 |
| TET-13-260 | Auger | 766,950.00 | 6,576,700.00 | 364.00 | 3.00 | - | (90.00) | 5/9/2013 | 1 |
| TET-13-261 | Auger | 766,950.00 | 6,576,675.00 | 362.00 | 3.00 | - | (90.00) | 5/9/2013 | 1 |
| TET-13-262 | Auger | 766,950.00 | 6,576,650.00 | 368.00 | 2.00 | - | (90.00) | 5/10/2013 | 1 |
| TET-13-263 | Auger | 766,950.00 | 6,576,625.00 | 364.00 | 2.40 | - | (90.00) | 5/10/2013 | 1 |
| TET-13-264 | Auger | 766,950.00 | 6,576,600.00 | 364.00 | 2.00 | - | (90.00) | 5/10/2013 | 1 |
| TET-13-265 | Auger | 766,950.00 | 6,576,575.00 | 364.00 | 3.00 | - | (90.00) | 5/10/2013 | 1 |
| TET-13-266 | Auger | 766,850.00 | 6,576,550.00 | 363.00 | 4.00 | - | (90.00) | 7/6/2013 | 1 |
| TET-13-267 | Auger | 767,050.00 | 6,576,700.00 | 374.00 | 16.00 | - | (90.00) | 7/8/2013 | 1 |
| TET-13-268 | Auger | 767,350.00 | 6,576,900.00 | 362.00 | 15.00 | - | (90.00) | 7/8/2013 | 1 |
| TET-13-269 | Auger | 767,150.00 | 6,576,800.00 | 369.00 | 5.00 | - | (90.00) | 7/10/2013 | 1 |
| TET-13-270 | Auger | 766,750.00 | 6,576,428.00 | 358.00 | 6.00 | - | (90.00) | 7/10/2013 | 1 |
| TET-13-271 | Auger | 767,450.00 | 6,576,975.00 | 361.00 | 5.00 | - | (90.00) | 7/11/2013 | 1 |
| TET-13-272 | Auger | 767,450.00 | 6,576,923.00 | 361.00 | 11.00 | - | (90.00) | 7/12/2013 | 1 |
| TET-13-273 | Auger | 767,250.00 | 6,576,850.00 | 369.00 | 5.00 | - | (90.00) | 7/15/2013 | 1 |
| TET-13-274 | Auger | 767,150.00 | 6,576,775.00 | 374.00 | 15.00 | - | (90.00) | 7/16/2013 | 1 |
| TET-13-275 | Auger | 766,972.00 | 6,576,644.00 | 364.00 | 7.90 | - | (90.00) | 7/17/2013 | 1 |
| TET-13-276 | Auger | 766,850.00 | 6,576,475.00 | 363.00 | 7.00 | - | (90.00) | 7/17/2013 | 1 |
| TET-13-277 | Auger | 766,750.00 | 6,576,375.00 | 359.00 | 5.00 | - | (90.00) | 7/18/2013 | 1 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TET-13-278 | Auger | 766,650.00 | 6,576,325.00 | 344.00 | 6.00 | - | (90.00) | 7/18/2013 | 1 |
| TET-13-279 | Auger | 766,625.00 | 6,576,288.00 | 346.00 | 6.00 | - | (90.00) | 7/19/2013 | 1 |
| TET-13-280 | Auger | 766,400.00 | 6,576,425.00 | 326.00 | 4.90 | - | (90.00) | 7/20/2013 | 1 |
| TET-13-281 | Auger | 766,307.00 | 6,576,357.00 | 334.00 | 2.50 | - | (90.00) | 7/22/2013 | 1 |
| TET-13-282 | Auger | 766,752.00 | 6,576,599.00 | 361.00 | 9.00 | - | (90.00) | 7/22/2013 | 1 |
| TET-13-283 | Auger | 766,651.00 | 6,576,552.00 | 347.00 | 5.90 | - | (90.00) | 7/23/2013 | 1 |
| TET-13-284 | Auger | 766,451.00 | 6,576,150.00 | 342.00 | 3.90 | - | (90.00) | 7/23/2013 | 1 |
| TET-13-285 | Auger | 766,448.00 | 6,576,101.00 | 341.00 | 4.30 | - | (90.00) | 7/24/2013 | 1 |
| TET-13-286 | Auger | 767,147.00 | 6,576,979.00 | 370.00 | 4.90 | - | (90.00) | 7/24/2013 | 1 |
| TET-13-287 | Auger | 767,052.00 | 6,577,003.00 | 356.00 | 5.60 | - | (90.00) | 7/25/2013 | 1 |
| TET-13-288 | Auger | 767,050.00 | 6,576,925.00 | 363.00 | 5.00 | - | (90.00) | 7/26/2013 | 1 |
| TET-13-289 | Auger | 766,950.00 | 6,576,999.00 | 345.00 | 8.00 | - | (90.00) | 7/29/2013 | 1 |
| TET-13-290 | Auger | 766,850.00 | 6,576,800.00 | 361.00 | 4.00 | - | (90.00) | 7/30/2013 | 1 |
| TET-13-291 | Auger | 767,288.00 | 6,576,893.00 | 374.00 | 12.95 | - | (90.00) | 7/31/2013 | 1 |
| TET-13-292 | Auger | 767,263.00 | 6,576,802.00 | 364.00 | 12.00 | - | (90.00) | 8/1/2013 | 1 |
| TET-13-293 | Auger | 767,313.00 | 6,576,893.00 | 371.00 | 14.50 | - | (90.00) | 8/5/2013 | 1 |
| TET-13-294 | Auger | 767,313.00 | 6,576,918.00 | 372.00 | 18.00 | - | (90.00) | 8/6/2013 | 1 |
| TET-13-295 | Auger | 767,313.00 | 6,576,943.00 | 368.00 | 14.00 | - | (90.00) | 8/8/2013 | 1 |
| TET-13-296 | Auger | 767,313.00 | 6,576,868.00 | 369.00 | 12.80 | - | (90.00) | 8/9/2013 | 1 |
| TET-13-297 | Auger | 767,450.00 | 6,576,843.00 | 363.00 | 8.00 | - | (90.00) | 8/12/2013 | 1 |
| TET-13-298 | Auger | 767,313.00 | 6,576,843.00 | 364.00 | 3.95 | - | (90.00) | 8/12/2013 | 1 |
| TET-13-299 | Auger | 767,263.00 | 6,576,827.00 | 371.00 | 4.80 | - | (90.00) | 8/13/2013 | 1 |
| TET-13-300 | Auger | 767,263.00 | 6,576,777.00 | 367.00 | 10.00 | - | (90.00) | 8/13/2013 | 1 |
| TET-13-301 | Auger | 767,150.00 | 6,576,825.00 | 371.00 | 12.00 | - | (90.00) | 8/14/2013 | 1 |
| TET-13-302 | Auger | 767,150.00 | 6,576,750.00 | 364.00 | 5.50 | - | (90.00) | 8/15/2013 | 1 |
| TET-13-303 | Auger | 767,050.00 | 6,576,650.00 | 367.00 | 9.30 | - | (90.00) | 8/16/2013 | 1 |
| TET-13-304 | Auger | 767,050.00 | 6,576,675.00 | 368.00 | 4.50 | - | (90.00) | 8/16/2013 | 1 |
| TET-13-305 | Auger | 767,054.00 | 6,576,725.00 | 371.00 | 15.00 | - | (90.00) | 8/17/2013 | 1 |
| TET-13-306 | Auger | 767,050.00 | 6,576,750.00 | 372.00 | 9.00 | - | (90.00) | 8/19/2013 | 1 |
| TET-13-307 | Auger | 767,500.00 | 6,576,943.00 | 361.00 | 7.00 | - | (90.00) | 8/20/2013 | 1 |
| TET-13-308 | Auger | 767,500.00 | 6,576,918.00 | 362.00 | 5.00 | - | (90.00) | 8/21/2013 | 1 |
| TET-13-309 | Auger | 767,500.00 | 6,576,993.00 | 359.00 | 9.70 | - | (90.00) | 8/23/2013 | 1 |
| TET-13-310 | Auger | 767,550.00 | 6,576,843.00 | 360.00 | 5.30 | - | (90.00) | 8/26/2013 | 1 |
| TET-13-311 | Auger | 767,550.00 | 6,576,868.00 | 360.00 | 6.00 | - | (90.00) | 8/26/2013 | 1 |
| TET-13-312 | Auger | 767,550.00 | 6,576,893.00 | 360.00 | 4.00 | - | (90.00) | 8/27/2013 | 1 |
| TET-13-313 | Auger | 767,548.00 | 6,576,918.00 | 362.00 | 5.00 | - | (90.00) | 8/28/2013 | 1 |
| TET-13-314 | Auger | 766,525.00 | 6,576,325.00 | 345.00 | 2.50 | - | (90.00) | 8/29/2013 | 1 |
| TET-13-315 | Auger | 766,527.00 | 6,576,300.00 | 340.00 | 2.00 | - | (90.00) | 8/29/2013 | 1 |
| TET-13-316 | Auger | 766,150.00 | 6,576,271.00 | 319.00 | 4.00 | - | (90.00) | 8/29/2013 | 1 |
| TET-13-317 | Auger | 766,148.00 | 6,576,247.00 | 311.00 | 3.00 | - | (90.00) | 8/30/2013 | 1 |
| TET-13-318 | Auger | 766,163.00 | 6,576,218.00 | 316.00 | 3.00 | - | (90.00) | 8/30/2013 | 1 |
| TET-13-319 | Auger | 767,650.00 | 6,576,918.00 | 343.00 | 3.00 | - | (90.00) | 8/30/2013 | 1 |
| TET-13-320 | Auger | 767,650.00 | 6,576,943.00 | 359.00 | 11.00 | - | (90.00) | 8/31/2013 | 1 |
| TET-13-321 | Auger | 766,525.00 | 6,576,225.00 | 347.00 | 5.00 | - | (90.00) | 9/2/2013 | 1 |
| TET-13-322 | Auger | 766,525.00 | 6,576,200.00 | 352.00 | 3.00 | - | (90.00) | 9/2/2013 | 1 |
| TET-13-323 | Auger | 766,342.00 | 6,576,023.00 | 328.00 | 4.00 | - | (90.00) | 9/3/2013 | 1 |
| TET-13-324 | Auger | 766,343.00 | 6,575,978.00 | 334.00 | 4.00 | - | (90.00) | 9/3/2013 | 1 |
| TET-13-325 | Auger | 766,343.00 | 6,575,934.00 | 337.00 | 5.00 | - | (90.00) | 9/3/2013 | 1 |
| TET-13-326 | Auger | 767,650.00 | 6,576,968.00 | 363.00 | 12.00 | - | (90.00) | 9/4/2013 | 1 |
| TET-13-327 | Auger | 767,650.00 | 6,576,993.00 | 363.00 | 8.50 | - | (90.00) | 9/5/2013 | 1 |
| TET-13-328 | Auger | 767,750.00 | 6,576,950.00 | 358.00 | 3.00 | - | (90.00) | 9/5/2013 | 1 |
| TET-13-329 | Auger | 768,362.00 | 6,577,298.00 | 341.00 | 1.60 | - | (90.00) | 9/6/2013 | 1 |
| TET-13-330 | Auger | 768,360.00 | 6,577,315.00 | 338.00 | 2.00 | - | (90.00) | 9/6/2013 | 1 |
| TET-13-331 | Auger | 768,376.00 | 6,577,297.00 | 348.00 | 2.00 | - | (90.00) | 9/6/2013 | 1 |
| TET-13-332 | Auger | 768,386.00 | 6,577,301.00 | 350.00 | 2.80 | - | (90.00) | 9/6/2013 | 1 |
| TET-13-333 | Auger | 768,405.00 | 6,577,303.00 | 351.00 | 2.00 | - | (90.00) | 9/6/2013 | 1 |
| TET-13-334 | Auger | 768,378.00 | 6,577,304.00 | 346.00 | 2.00 | - | (90.00) | 9/9/2013 | 1 |
| TET-13-335 | Auger | 768,381.00 | 6,577,318.00 | 342.00 | 2.00 | - | (90.00) | 9/9/2013 | 1 |
| TET-13-336 | Auger | 768,376.00 | 6,577,298.00 | 342.00 | 1.65 | - | (90.00) | 9/9/2013 | 1 |
| TET-13-337 | Auger | 768,387.00 | 6,577,296.00 | 341.00 | 2.00 | - | (90.00) | 9/9/2013 | 1 |
| TET-13-338 | Auger | 768,384.00 | 6,577,296.00 | 340.00 | 1.00 | - | (90.00) | 9/9/2013 | 1 |
| TET-13-339 | Auger | 768,350.00 | 6,577,300.00 | 332.00 | 4.00 | - | (90.00) | 9/10/2013 | 1 |
| TET-13-340 | Auger | 768,424.00 | 6,577,323.00 | 343.00 | 4.40 | - | (90.00) | 9/10/2013 | 1 |
| TET-13-341 | Auger | 768,436.00 | 6,577,329.00 | 342.00 | 2.75 | - | (90.00) | 9/10/2013 | 1 |
| TET-13-342 | Auger | 768,446.00 | 6,577,334.00 | 344.00 | 1.70 | - | (90.00) | 9/11/2013 | 1 |
| TET-13-343 | Auger | 768,471.00 | 6,577,373.00 | 341.00 | 3.00 | - | (90.00) | 9/11/2013 | 1 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TET-13-344 | Auger | 768,487.00 | 6,577,359.00 | 339.00 | 2.30 | - | (90.00) | 9/11/2013 | 1 |
| TET-13-345 | Auger | 768,400.00 | 6,577,317.00 | 344.00 | 4.60 | - | (90.00) | 9/12/2013 | 1 |
| TET-13-346 | Auger | 768,410.00 | 6,577,326.00 | 342.00 | 2.40 | - | (90.00) | 9/12/2013 | 1 |
| TET-13-347 | Auger | 768,471.00 | 6,577,340.00 | 344.00 | 3.40 | - | (90.00) | 9/13/2013 | 1 |
| TET-13-348 | Auger | 768,443.00 | 6,577,344.00 | 345.00 | 1.70 | - | (90.00) | 9/13/2013 | 1 |
| TET-13-349 | Auger | 768,444.00 | 6,577,332.00 | 350.00 | 1.40 | - | (90.00) | 9/13/2013 | 1 |
| TET-13-350 | Auger | 768,499.00 | 6,577,367.00 | 342.00 | 1.00 | - | (90.00) | 9/14/2013 | 1 |
| TET-13-351 | Auger | 768,278.00 | 6,577,284.00 | 335.00 | 2.50 | - | (90.00) | 9/14/2013 | 1 |
| TET-13-352 | Auger | 768,230.00 | 6,577,276.00 | 351.00 | 1.60 | - | (90.00) | 9/14/2013 | 1 |
| TET-13-353 | Auger | 768,309.00 | 6,577,306.00 | 327.00 | 1.85 | - | (90.00) | 9/16/2013 | 1 |
| TET-13-354 | Auger | 768,520.00 | 6,577,363.00 | 335.00 | 2.00 | - | (90.00) | 9/16/2013 | 1 |
| TET-13-355 | Auger | 768,526.00 | 6,577,434.00 | 339.00 | 4.00 | - | (90.00) | 9/16/2013 | 1 |
| TET-13-356 | Auger | 768,520.00 | 6,577,371.00 | 340.00 | 2.50 | - | (90.00) | 9/17/2013 | 1 |
| TET-13-357 | Auger | 768,496.00 | 6,577,422.00 | 343.00 | 3.40 | - | (90.00) | 9/17/2013 | 1 |
| TET-13-358 | Auger | 768,550.00 | 6,577,437.00 | 339.00 | 3.30 | - | (90.00) | 9/17/2013 | 1 |
| TET-13-359 | Auger | 768,575.00 | 6,577,440.00 | 336.00 | 3.30 | - | (90.00) | 9/18/2013 | 1 |
| TET-13-360 | Auger | 768,474.00 | 6,577,408.00 | 334.00 | 4.00 | - | (90.00) | 9/18/2013 | 1 |
| TET-13-361 | Auger | 768,200.00 | 6,577,262.00 | 342.00 | 7.00 | - | (90.00) | 9/23/2013 | 1 |
| TET-13-362 | Auger | 767,200.00 | 6,577,275.00 | 345.00 | 6.00 | - | (90.00) | 9/26/2013 | 1 |
| TET-13-363 | Auger | 768,175.00 | 6,577,245.00 | 335.00 | 4.70 | - | (90.00) | 9/27/2013 | 1 |
| TET-13-364 | Auger | 768,150.00 | 6,577,220.00 | 327.00 | 4.00 | - | (90.00) | 9/27/2013 | 1 |
| TET-13-365 | Auger | 768,150.00 | 6,577,235.00 | 323.00 | 5.90 | - | (90.00) | 9/27/2013 | 1 |
| TET-13-366 | Auger | 768,150.00 | 6,577,255.00 | 341.00 | 5.60 | - | (90.00) | 9/28/2013 | 1 |
| TET-13-367 | Auger | 768,125.00 | 6,577,220.00 | 332.00 | 3.00 | - | (90.00) | 9/28/2013 | 1 |
| TET-13-368 | Auger | 768,125.00 | 6,577,235.00 | 340.00 | 8.00 | - | (90.00) | 9/30/2013 | 1 |
| TET-13-369 | Auger | 768,100.00 | 6,577,220.00 | 322.00 | 3.00 | - | (90.00) | 10/1/2013 | 1 |
| TET-13-370 | Auger | 768,100.00 | 6,577,235.00 | 334.00 | 3.00 | - | (90.00) | 10/1/2013 | 1 |
| TET-14-371 | Auger | 766,961.00 | 6,577,006.00 | 339.00 | 3.00 | - | (90.00) | 12/23/2014 | 1 |
| TET-14-372 | Auger | 766,977.00 | 6,576,984.00 | 343.00 | 1.90 | - | (90.00) | 12/23/2014 | 1 |
| TET-14-373 | Auger | 766,981.00 | 6,576,977.00 | 344.00 | 1.80 | - | (90.00) | 12/23/2014 | 1 |
| TET-14-374 | Auger | 766,987.00 | 6,576,969.00 | 346.00 | 2.00 | - | (90.00) | 12/23/2014 | 1 |
| TET-14-375 | Auger | 766,992.00 | 6,576,960.00 | 347.00 | 3.00 | - | (90.00) | 12/24/2014 | 1 |
| TET-14-376 | Auger | 766,997.00 | 6,576,951.00 | 349.00 | 3.00 | - | (90.00) | 12/24/2014 | 1 |
| TET-14-377 | Auger | 767,002.00 | 6,576,943.00 | 350.00 | 2.80 | - | (90.00) | 12/24/2014 | 1 |
| TET-14-378 | Auger | 767,007.00 | 6,576,934.00 | 352.00 | 3.00 | - | (90.00) | 12/24/2014 | 1 |
| TET-14-379 | Auger | 767,012.00 | 6,576,925.00 | 353.00 | 3.00 | - | (90.00) | 12/29/2014 | 1 |
| TET-14-380 | Auger | 767,017.00 | 6,576,917.00 | 355.00 | 3.00 | - | (90.00) | 12/29/2014 | 1 |
| TET-14-381 | Auger | 767,022.00 | 6,576,908.00 | 355.00 | 3.00 | - | (90.00) | 12/29/2014 | 1 |
| TET-14-382 | Auger | 766,669.00 | 6,576,699.00 | 353.00 | 3.00 | - | (90.00) | 12/30/2014 | 1 |
| TET-14-383 | Auger | 766,674.00 | 6,576,690.00 | 354.00 | 1.00 | - | (90.00) | 12/30/2014 | 1 |
| TET-14-384 | Auger | 766,679.00 | 6,576,681.00 | 355.00 | 1.00 | - | (90.00) | 12/30/2014 | 1 |
| TET-14-385 | Auger | 766,684.00 | 6,576,673.00 | 358.00 | 3.00 | - | (90.00) | 12/31/2014 | 1 |
| TET-14-386 | Auger | 766,689.00 | 6,576,664.00 | 358.00 | 3.00 | - | (90.00) | 12/31/2014 | 1 |
| TET-15-387 | Auger | 766,694.00 | 6,576,655.00 | 360.00 | 2.00 | - | (90.00) | 12/31/2014 | 1 |
| TET-15-388 | Auger | 766,450.00 | 6,576,125.00 | 345.00 | 12.00 | - | (90.00) | 3/26/2015 | 1 |
| TET-15-389 | Auger | 766,450.00 | 6,576,175.00 | 344.00 | 6.40 | - | (90.00) | 3/27/2015 | 1 |
| TET-15-390 | Auger | 766,450.00 | 6,576,195.00 | 341.00 | 6.00 | - | (90.00) | 3/28/2015 | 1 |
| TET-15-391 | Auger | 766,450.00 | 6,576,235.00 | 336.00 | 4.00 | - | (90.00) | 3/28/2015 | 1 |
| TET-15-392 | Auger | 766,340.00 | 6,575,820.00 | 348.00 | 14.00 | - | (90.00) | 3/31/2015 | 1 |
| TET-15-393 | Auger | 766,340.00 | 6,575,840.00 | 347.00 | 9.00 | - | (90.00) | 4/1/2015 | 1 |
| TET-15-394 | Auger | 766,340.00 | 6,575,860.00 | 345.00 | 11.00 | - | (90.00) | 4/2/2015 | 1 |
| TET-15-395 | Auger | 766,340.00 | 6,575,880.00 | 342.00 | 4.70 | - | (90.00) | 4/6/2015 | 1 |
| TET-15-396 | Auger | 766,340.00 | 6,575,900.00 | 340.00 | 2.60 | - | (90.00) | 4/6/2015 | 1 |
| TET-15-397 | Auger | 766,340.00 | 6,575,920.00 | 340.00 | 2.50 | - | (90.00) | 4/7/2015 | 1 |
| TET-15-398 | Auger | 766,340.00 | 6,575,960.00 | 336.00 | 5.30 | - | (90.00) | 4/8/2015 | 1 |
| TET-15-399 | Auger | 766,340.00 | 6,576,000.00 | 334.00 | 6.00 | - | (90.00) | 4/8/2015 | 1 |
| TET-15-400 | Auger | 766,340.00 | 6,576,040.00 | 327.00 | 3.00 | - | (90.00) | 4/9/2015 | 1 |
| TET-15-401 | Auger | 766,050.00 | 6,576,000.00 | 327.00 | 10.80 | - | (90.00) | 4/10/2015 | 1 |
| TET-15-402 | Auger | 766,050.00 | 6,576,020.00 | 323.00 | 9.00 | - | (90.00) | 4/11/2015 | 1 |
| TET-15-403 | Auger | 766,050.00 | 6,576,040.00 | 327.00 | 7.95 | - | (90.00) | 4/11/2015 | 1 |
| TET-15-404 | Auger | 766,050.00 | 6,576,060.00 | 325.00 | 9.50 | - | (90.00) | 4/13/2015 | 1 |
| TET-15-405 | Auger | 766,050.00 | 6,576,080.00 | 326.00 | 10.00 | - | (90.00) | 4/13/2015 | 1 |
| TET-15-406 | Auger | 766,050.00 | 6,576,100.00 | 323.00 | 9.00 | - | (90.00) | 4/14/2015 | 1 |
| TET-15-407 | Auger | 766,050.00 | 6,576,120.00 | 322.00 | 3.00 | - | (90.00) | 4/15/2015 | 1 |
| TET-15-408 | Auger | 766,050.00 | 6,576,140.00 | 320.00 | 2.95 | - | (90.00) | 4/15/2015 | 1 |
| TET-15-409 | Auger | 766,050.00 | 6,576,160.00 | 323.00 | 5.50 | - | (90.00) | 4/16/2015 | 1 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TET-15-410 | Auger | 766,050.00 | 6,576,180.00 | 323.00 | 4.85 | - | (90.00) | 4/16/2015 | 1 |
| TET-15-411 | Auger | 766,050.00 | 6,576,200.00 | 320.00 | 4.40 | - | (90.00) | 4/17/2015 | 1 |
| TET-15-412 | Auger | 766,050.00 | 6,576,220.00 | 317.00 | 4.00 | - | (90.00) | 4/17/2015 | 1 |
| TET-15-413 | Auger | 766,050.00 | 6,576,240.00 | 316.00 | 2.40 | - | (90.00) | 4/21/2015 | 1 |
| TET-15-414 | Auger | 766,050.00 | 6,576,260.00 | 313.00 | 2.00 | - | (90.00) | 4/21/2015 | 1 |
| TET-15-415 | Auger | 766,200.00 | 6,576,220.00 | 319.00 | 3.00 | - | (90.00) | 4/23/2015 | 1 |
| TET-15-416 | Auger | 766,200.00 | 6,576,240.00 | 319.00 | 6.90 | - | (90.00) | 4/23/2015 | 1 |
| TET-15-417 | Auger | 766,200.00 | 6,576,260.00 | 320.00 | 3.00 | - | (90.00) | 4/24/2015 | 1 |
| TET-15-418 | Auger | 766,200.00 | 6,576,280.00 | 320.00 | 4.80 | - | (90.00) | 4/24/2015 | 1 |
| TET-15-419 | Auger | 766,200.00 | 6,576,300.00 | 330.00 | 4.30 | - | (90.00) | 4/25/2015 | 1 |
| TET-15-420 | Auger | 766,200.00 | 6,576,320.00 | 317.00 | 6.40 | - | (90.00) | 4/26/2015 | 1 |
| TET-15-421 | Auger | 766,200.00 | 6,576,340.00 | 317.00 | 3.70 | - | (90.00) | 4/27/2015 | 1 |
| TET-15-422 | Auger | 766,200.00 | 6,576,360.00 | 315.00 | 2.60 | - | (90.00) | 4/27/2015 | 1 |
| TET-15-423 | Auger | 766,200.00 | 6,576,380.00 | 314.00 | 3.50 | - | (90.00) | 4/27/2015 | 1 |
| TET-15-424 | Auger | 766,200.00 | 6,576,400.00 | 312.00 | 3.00 | - | (90.00) | 4/28/2015 | 1 |
| TET-15-425 | Auger | 766,200.00 | 6,576,420.00 | 309.00 | 4.00 | - | (90.00) | 4/28/2015 | 1 |
| TET-15-426 | Auger | 769,454.00 | 6,577,841.00 | 311.00 | 5.00 | - | (90.00) | 4/30/2015 | 1 |
| TET-15-427 | Auger | 767,650.00 | 6,577,018.00 | 364.00 | 9.40 | - | (90.00) | 5/13/2015 | 1 |
| TET-15-428 | Auger | 767,650.00 | 6,577,043.00 | 360.00 | 3.00 | - | (90.00) | 5/13/2015 | 1 |
| TET-15-429 | Auger | 767,650.00 | 6,577,068.00 | 348.00 | 2.90 | - | (90.00) | 5/14/2015 | 1 |
| TET-15-430 | Auger | 767,643.00 | 6,576,893.00 | 352.00 | 9.00 | - | (90.00) | 5/15/2015 | 1 |
| TET-15-431 | Auger | 767,650.00 | 6,576,868.00 | 344.00 | 7.00 | - | (90.00) | 5/18/2015 | 1 |
| TET-15-432 | Auger | 767,750.00 | 6,576,975.00 | 348.00 | 8.00 | - | (90.00) | 5/19/2015 | 1 |
| TET-15-433 | Auger | 767,750.00 | 6,577,000.00 | 344.00 | 6.00 | - | (90.00) | 5/21/2015 | 1 |
| TET-15-434 | Auger | 767,750.00 | 6,577,025.00 | 349.00 | 4.00 | - | (90.00) | 5/21/2015 | 1 |
| TET-15-435 | Auger | 767,750.00 | 6,577,050.00 | 347.00 | 4.80 | - | (90.00) | 5/28/2015 | 1 |
| TET-15-436 | Auger | 767,750.00 | 6,577,075.00 | 346.00 | 8.00 | - | (90.00) | 5/29/2015 | 1 |
| TET-15-437 | Auger | 767,750.00 | 6,577,100.00 | 345.00 | 3.30 | - | (90.00) | 5/29/2015 | 1 |
| TET-15-438 | Auger | 767,750.00 | 6,577,125.00 | 344.00 | 7.00 | - | (90.00) | 6/1/2015 | 1 |
| TET-15-439 | Auger | 767,800.00 | 6,577,125.00 | 346.00 | 8.50 | - | (90.00) | 6/2/2015 | 1 |
| TET-15-440 | Auger | 767,800.00 | 6,577,100.00 | 350.00 | 2.50 | - | (90.00) | 6/2/2015 | 1 |
| TET-15-441 | Auger | 767,800.00 | 6,577,075.00 | 349.00 | 6.60 | - | (90.00) | 6/3/2015 | 1 |
| TET-15-442 | Auger | 767,800.00 | 6,577,050.00 | 348.00 | 8.00 | - | (90.00) | 6/4/2015 | 1 |
| TET-15-443 | Auger | 767,800.00 | 6,577,025.00 | 348.00 | 6.70 | - | (90.00) | 6/12/2015 | 1 |
| TET-15-444 | Auger | 767,896.00 | 6,577,125.00 | 350.00 | 6.40 | - | (90.00) | 6/16/2015 | 1 |
| TET-15-445 | Auger | 767,900.00 | 6,577,150.00 | 353.00 | 3.00 | - | (90.00) | 6/16/2015 | 1 |
| TET-15-446 | Auger | 767,900.00 | 6,577,175.00 | 348.00 | 2.00 | - | (90.00) | 6/17/2015 | 1 |
| TET-15-447 | Auger | 768,000.00 | 6,577,225.00 | 335.00 | 8.90 | - | (90.00) | 6/18/2015 | 1 |
| TET-15-448 | Auger | 768,000.00 | 6,577,140.00 | 322.00 | 2.30 | - | (90.00) | 6/19/2015 | 1 |
| TET-15-449 | Auger | 768,000.00 | 6,577,200.00 | 337.00 | 6.95 | - | (90.00) | 6/19/2015 | 1 |
| TET-15-450 | Auger | 768,000.00 | 6,577,180.00 | 325.00 | 1.70 | - | (90.00) | 6/22/2015 | 1 |
| TET-15-451 | Auger | 768,000.00 | 6,577,160.00 | 325.00 | 7.00 | - | (90.00) | 6/23/2015 | 1 |
| TET-15-452 | Auger | 768,000.00 | 6,577,170.00 | 325.00 | 3.00 | - | (90.00) | 6/23/2015 | 1 |
| TET-15-453 | Auger | 768,002.00 | 6,577,190.00 | 325.00 | 4.40 | - | (90.00) | 6/23/2015 | 1 |
| TET-15-454 | Auger | 767,850.00 | 6,577,090.00 | 339.00 | 2.45 | - | (90.00) | 6/24/2015 | 1 |
| TET-15-455 | Auger | 767,850.00 | 6,577,070.00 | 338.00 | 2.90 | - | (90.00) | 6/24/2015 | 1 |
| TET-15-456 | Auger | 767,850.00 | 6,577,050.00 | 338.00 | 2.80 | - | (90.00) | 6/24/2015 | 1 |
| TET-15-457 | Auger | 767,850.00 | 6,577,030.00 | 338.00 | 5.00 | - | (90.00) | 6/25/2015 | 1 |
| TET-15-458 | Auger | 767,850.00 | 6,577,010.00 | 338.00 | 1.70 | - | (90.00) | 6/25/2015 | 1 |
| TET-15-459 | Auger | 767,850.00 | 6,576,988.29 | 337.00 | 3.80 | - | (90.00) | 6/25/2015 | 1 |
| TET-15-460 | Auger | 767,950.00 | 6,577,060.00 | 329.00 | 5.00 | - | (90.00) | 6/26/2015 | 1 |
| TET-15-461 | Auger | 767,950.00 | 6,577,084.00 | 329.00 | 2.20 | - | (90.00) | 6/29/2015 | 1 |
| TET-15-462 | Auger | 767,950.00 | 6,577,100.00 | 333.00 | 3.00 | - | (90.00) | 6/29/2015 | 1 |
| TET-15-463 | Auger | 767,950.00 | 6,577,123.00 | 335.00 | 3.00 | - | (90.00) | 7/1/2015 | 1 |
| TET-15-464 | Auger | 767,950.00 | 6,577,140.00 | 337.00 | 6.70 | - | (90.00) | 7/1/2015 | 1 |
| TET-15-465 | Auger | 767,950.00 | 6,577,160.00 | 341.00 | 9.00 | - | (90.00) | 7/2/2015 | 1 |
| TET-15-466 | Auger | 767,900.00 | 6,577,105.00 | 340.00 | 2.00 | - | (90.00) | 7/3/2015 | 1 |
| TET-15-467 | Auger | 767,900.00 | 6,577,085.00 | 338.00 | 4.80 | - | (90.00) | 7/3/2015 | 1 |
| TET-15-468 | Auger | 767,900.00 | 6,577,065.00 | 333.00 | 3.50 | - | (90.00) | 7/4/2015 | 1 |
| TET-15-469 | Auger | 767,900.00 | 6,577,045.00 | 330.00 | 3.00 | - | (90.00) | 7/4/2015 | 1 |
| TET-15-470 | Auger | 768,050.00 | 6,577,156.00 | 326.00 | 3.00 | - | (90.00) | 7/6/2015 | 1 |
| TET-15-471 | Auger | 768,050.00 | 6,577,182.00 | 326.00 | 3.00 | - | (90.00) | 7/6/2015 | 1 |
| TET-15-472 | Auger | 768,050.00 | 6,577,202.00 | 325.00 | 3.00 | - | (90.00) | 7/7/2015 | 1 |
| TET-15-473 | Auger | 768,050.00 | 6,577,226.00 | 323.00 | 1.50 | - | (90.00) | 7/7/2015 | 1 |
| TET-15-474 | Auger | 768,050.00 | 6,577,242.00 | 325.00 | 3.55 | - | (90.00) | 7/7/2015 | 1 |
| TET-15-475 | Auger | 767,850.00 | 6,577,109.00 | 347.00 | 2.45 | - | (90.00) | 7/9/2015 | 1 |


| Três Estradas Drill Hole Summary |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drill Hole ID | Type | Easting | Northing | Elevation | Depth | Azimuth | Dip | Completion Date | Samples |
| TET-15-476 | Auger | 767,900.00 | 6,577,025.00 | 330.00 | 1.60 | - | (90.00) | 7/9/2015 | 1 |
| TET-15-477 | Auger | 767,900.00 | 6,577,005.00 | 333.00 | 4.00 | - | (90.00) | 7/9/2015 | 1 |
| TET-15-478 | Auger | 767,950.00 | 6,577,180.00 | 343.00 | 4.80 | - | (90.00) | 7/10/2015 | 1 |
| TET-15-479 | Auger | 767,950.00 | 6,577,200.00 | 341.00 | 4.30 | - | (90.00) | 7/10/2015 | 1 |
| TET-15-480 | Auger | 767,850.00 | 6,577,080.00 | 346.00 | 4.00 | - | (90.00) | 7/14/2015 | 1 |
| TET-15-481 | Auger | 767,850.00 | 6,577,060.00 | 344.00 | 3.00 | - | (90.00) | 7/14/2015 | 1 |
| TET-15-482 | Auger | 767,850.00 | 6,577,040.00 | 344.00 | 3.40 | - | (90.00) | 4/14/2015 | 1 |
| TET-15-483 | Auger | 767,850.00 | 6,577,020.00 | 344.00 | 2.90 | - | (90.00) | 7/15/2015 | 1 |
| TET-15-484 | Auger | 767,850.00 | 6,577,000.00 | 344.00 | 1.75 | - | (90.00) | 7/15/2015 | 1 |
| TET-15-485 | Auger | 767,850.00 | 6,577,100.00 | 350.00 | 8.00 | - | (90.00) | 7/15/2015 | 1 |
| TET-15-486 | Auger | 767,950.00 | 6,577,113.00 | 332.00 | 6.00 | - | (90.00) | 7/16/2015 | 1 |
| TET-15-487 | Auger | 767,950.00 | 6,577,132.00 | 337.00 | 4.90 | - | (90.00) | 7/16/2015 | 1 |


[^0]:    ${ }^{1}$ Compared to the block height of 10 m , the composites are of 1 m length.

[^1]:    ${ }^{1}$ Compared to the block height of 10 m , the composites are of 1 m length.

