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**ASX Announcement**

**30 October 2017**

# September 2017 Quarterly Operations Report

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## 1. Key Points

### Kroussou Project

- TKM exercises its option to earn-in to the Kroussou Project in Joint Venture with Battery Minerals Limited (ASX: BAT).
- Soil sampling at Kroussou has highlighted several high priority target areas and also strengthened the potential at the Dikaki Prospect with high order soil anomalies greater than 1.5km long presenting new drilling opportunities.
- Ongoing review of historical drilling results highlights the open-pit potential of both the Niambokamba and Dikaki Prospects.
- Historical Intersections from Niambokamba include (full details appear in ASX Announcement dated 14 September 2017):
  - **5.0m @ 6.3% Zn eq from 2.1m (NK82)**
  - **6.8m @ 4.5% Zn eq from 9.9m (NK63)**
  - **5.6m @ 4.0% Zn eq from 5.4m (NK74)**
- Recently completed drilling at Dikaki confirmed its potential as an open-pit target (full details appear in ASX Announcement dated 11 May 2017):
  - **24.7m @ 2.9% Zn eq from 2.0m (DKDD003)**  
**Incl. 2.8m @ 20.1% Zn eq from 7.7m**
  - **37.1m @ 2.0% Zn eq from 2.3m (DKDD001)**  
**Incl. 1.3m @ 8.6% Zn eq from 11m**  
**and 12.5m @ 4.0% Zn eq from 14.5m**
- Programme of ground based geophysics, including IP and NSAMT (Induced Polarisation and Natural Source Audio Magneto Tellurics) to target near surface open-pit orebodies underway.

## Lawn Hill Project

- Widespread Copper, Cobalt, Zinc and Lead anomalism has been indicated following compilation of historic stream sediment data.
- Anomalies directly along strike, in the same structural corridor that hosts the Walford Creek Copper-Cobalt-Zinc-Lead Project (Aeon Metals Limited, ASX: AML).
- Copper-Cobalt, Zinc and Lead occurrences “stop” at the NT/Qld border as a result of the lack of exploration on the NT side.

## 2. Kroussou Project

### 2.1 Soil Sampling

During the quarter (with some results received subsequent to quarter end), the company announced the results from the first pass surface geochemistry programme (refer to ASX announcements dated 28 August 2017 and 19 October 2017).

The results from the survey continue to highlight the potential of this Project (Figure 1) to deliver up highly significant, near surface, high-grade zinc/lead orebodies at the Dikaki, Niambokamba and Bouambo South prospects (Figures 2 and 3).

A total of 7,177 samples were collected during the two programmes with the infill completed at 50m x 50m spacing.

Several, highly significant, high-order and large-scale anomalies across the three priority prospect areas have been defined with coherent zinc and lead anomalies peaking at **3,156ppm\*** and **2,410ppm\*** respectively, forming the basis upon which the ongoing surface geophysical programme is being undertaken.

An aggregate total of approximately **20 strike-kilometres of soil anomalies at >500ppm zinc plus lead** have been defined presenting numerous discovery opportunities.

### 2.2 Surface Geophysics

Subsequent to quarter end, the Company announced that it has commenced a ground geophysical programme at its Kroussou Zn-Pb Project JV (refer to ASX announcement – 16 October 2017).

This programme, consisting of both IP and NSAMT methods (Induced Polarisation and Natural Source Audio Magneto Tellurics), aims to assist drill targeting in combination with the recently identified soil anomalies within the Project area.

Approximately 200 line-km will be surveyed across the three highest priority prospect areas of Dikaki, Niambokamba and Bouambo South. The programme is anticipated to take approximately 8 weeks to complete and will lead to the definition of near-surface drill targets. Drilling is expected to commence soon after.

### 2.3 Continuing Exploration

Trek has quickly moved the Kroussou Project from a series of historical occurrences in a forgotten corner of West Africa to a point where the potential for the discovery of a highly significant zinc/lead orebody is high. All the ingredients for success are present at Kroussou and the Company has systematically progressed its exploration, de-risking the Project at every step and continues to deliver positive results. Table 1, below, outlines the work completed to date, all during 2017, and the next steps for the Project.

The Company remains on track to begin drilling later in 2017 and continuing early in 2018.

Exploration Step	Exploration Activity	Completion
<b>Step 1</b>	Review Historic Data	Always Ongoing
<b>Step 2</b>	Confirm Historic Surface Observations	Completed <sup>1</sup>
<b>Step 3</b>	Confirm Historic Drilling Results ( <b>Phase 1 DD Programme</b> )	Completed <sup>2</sup>
<b>Step 4</b>	Complete First Pass Surface Geochemistry	Completed <sup>3</sup>
<b>Step 5</b>	Complete Infill Surface Geochemistry	Completed
<b>Step 6</b>	Complete Surface Geophysical Programme (IP and NSAMT)	Underway <sup>4</sup> (Q4 Completion)
<b>Step 7</b>	Drill Test Priority 1 Targets ( <b>Phase 2 DD Programme</b> )	<b>Q4 2017- Q1 2018</b>

Table 1: Kroussou Project Exploration Process

Notes:

<sup>1</sup> Refer ASX Announcement 14 February 2017

<sup>2</sup> Refer ASX Announcement 28 February 2017, 12 April 2017, 11 May 2017

<sup>3</sup> Refer ASX Announcement 28 August 2017

<sup>4</sup> Refer ASX Announcement 16 October 2017

\* - pXRF value from a Niton XL3t GOLDD+ analyser

## 3. Lawn Hill Project

### 3.1 Historic Exploration

Trek is continuing to evaluate the historic data available for the Lawn Hill Project (Figure 4). The geology across much of the Project area is very similar to that which hosts the Walford Creek Project (see Aeon Minerals ASX: AML), across the border in Queensland approximately 30km to the east.

A compilation of available historic stream sediment data, collected in the 1980's across the Lawn Hill Project area, indicates the potential for copper, cobalt, zinc and lead mineralisation across the tenement application areas (refer to ASX announcement – 21 August 2017).

The Lawn Hill Project is located immediately across the border (approx. 35km west and directly along strike) on the Northern Territory side, from the emerging Walford Creek Copper-Cobalt-Zinc-Lead Project owned by Aeon Metals Limited. Aeon Metals suggests that the Walford Creek Project contains Australia's largest and most advanced sulphide cobalt resource.

The rocks hosting the Walford Creek Project, the Lawn Hill Platform, extend across the border from Queensland into the Northern Territory. An obvious and abrupt absence of copper-cobalt, zinc and lead occurrences within the Lawn Hill Platform rocks on the Northern Territory side of the border is not necessarily due to an absence of mineralisation but rather a lack of exploration.

ESSO conducted limited surface exploration between 1979 - 1981 which included:

- stream sediment sampling
- rock chip sampling
- gravity survey
- drilling of two stratigraphic diamond drillholes

### 3.2 Historical Stream Sediment Results

A compilation of the stream sediment sampling results is provided in figures 4-7 below. Elemental concentrations have been levelled to geology and concentrations represented as percentile groups to indicate anomalism. Values at the 98<sup>th</sup> percentile could be considered as highly anomalous.

The two drillholes, ND-1 and ND-2 (see figure 5), were drilled vertically to a depth of 101.0m and 143.5m respectively. The sequence hosting the Walford Creek Deposit was encountered in both drillholes along with weakly anomalous base metal mineralisation.

Further compilation of this historic data is ongoing.

### 3.3 Tenement Applications

The process of negotiating access arrangements to allow for the grant of the Lawn Hill Project tenure is ongoing. A meeting with Traditional Owners is now due to be held in Q1 2018.

## 4. Kangaluwi Copper Project

### 4.1 Court Case

The Company is awaiting written judgement by the Judge of the Lusaka High Court on the appeal lodged by organisations associated with the conservation movement in Zambia on 17 January 2014 against the decision of the Minister of Lands, Natural Resources and Environment Protection to approve the Company's 100% owned Kangaluwi Copper Project. The stay of execution remains in place pending the outcome of the appeal against the Minister's decision.

TKM is currently evaluating its options with respect to the divestment of this Project.

## 5. Corporate

### 5.1 Fund Raising & Annual General Meeting

The Company received shareholder approval for the issue of up to 80 million new fully paid ordinary shares at an issue price of 2.5 cents per share at the AGM on 7 August 2017. The Company announced on 20 July 2017 and 8 August 2017 that it had received commitments from new and existing sophisticated and professional investors to raise \$1.9 million through the issue of 76 million shares. The remaining 4 million shares were issued on 24 October 2017, bringing the total raised to \$2 million (before costs, facilitated by Longreach Capital). In a strong signal of support, Trek's major shareholder IMC Group participated in the placement and retained an approximate 39% interest in the Company.

Funds raised were used for the Kroussou Project exercise option payment to Battery Minerals Limited (ASX:BAT) of US\$240,000 and will be further utilised for working capital and as follows:

- Advancement of exploration activities at Kroussou Project, including:
  - o surface and geophysical sampling;
  - o access clearing and drill site preparation; and
  - o first pass drilling of new targets.
- Aboriginal heritage negotiations for the Lawnhill Project
- Evaluation of new project opportunities

## 6. Tenements

Tenement	Holder	Last Qtr Interest	Current Qtr Interest
G4-569 (Gabon)	Select Explorations Gabon SA (Wholly owned subsidiary of Battery Minerals Limited)	0% (Option agreement to enter into JV to earn up to 70%)	0%
G4-588	Select Explorations Gabon SA (Wholly owned subsidiary of Battery Minerals Limited)	0% (Option agreement to enter into JV to earn up to 70%)	0%
EL31260 (appl.) (Northern Territory)	TM Resources (100% owned subsidiary)	100%	100%
EL31261 (appl.) (Northern Territory)	TM Resources (100% owned subsidiary)	100%	100%
15547-HQ-LML (Zambia)	Mwembeshi Resources (100% owned subsidiary)	100%	100%
13170-HQ-LPL (Zambia)	Cheowa Resources (Incorporated JV- 51% Glencore 49% TKM)	49%	49%
13171-HQ-LPL (Zambia)	Cheowa Resources (Incorporated JV- 51% Glencore 49% TKM)	49%	49%
8573-HQ-LPL (Zambia)	Cheowa Resources (Incorporated JV- 51% Glencore 49% TKM)	49%	49%

### COMPETENT PERSONS STATEMENT

*The information in this report that relates to exploration results is based on information compiled by Mr Bradley Drabsch, Member of the Australian Institute of Geoscientists ("AIG") and Managing Director of Trek Metals Limited. Mr Drabsch has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a competent person as defined in the JORC Code 2012. Mr Drabsch consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.*

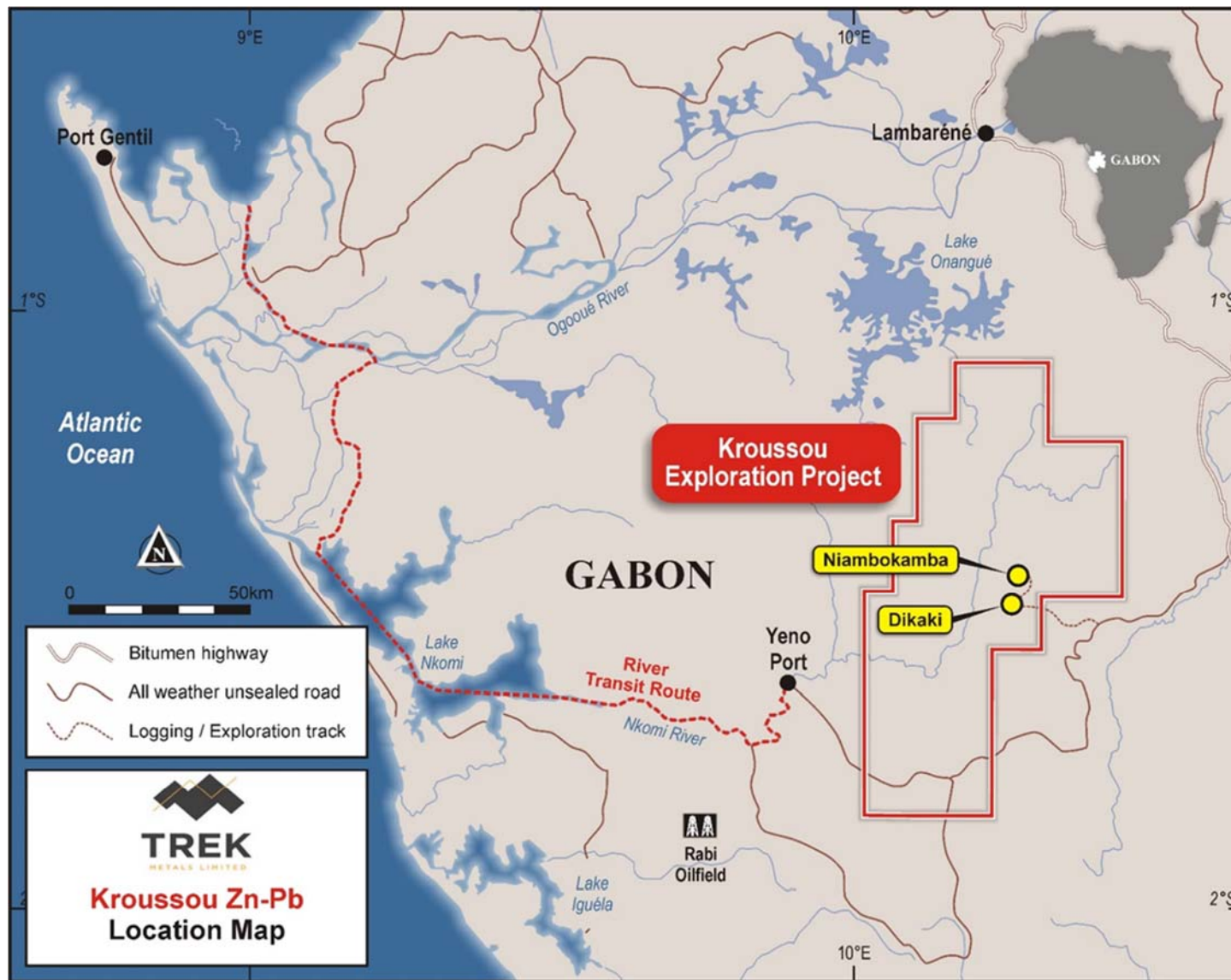


Figure 1: Kroussou Project Location Plan



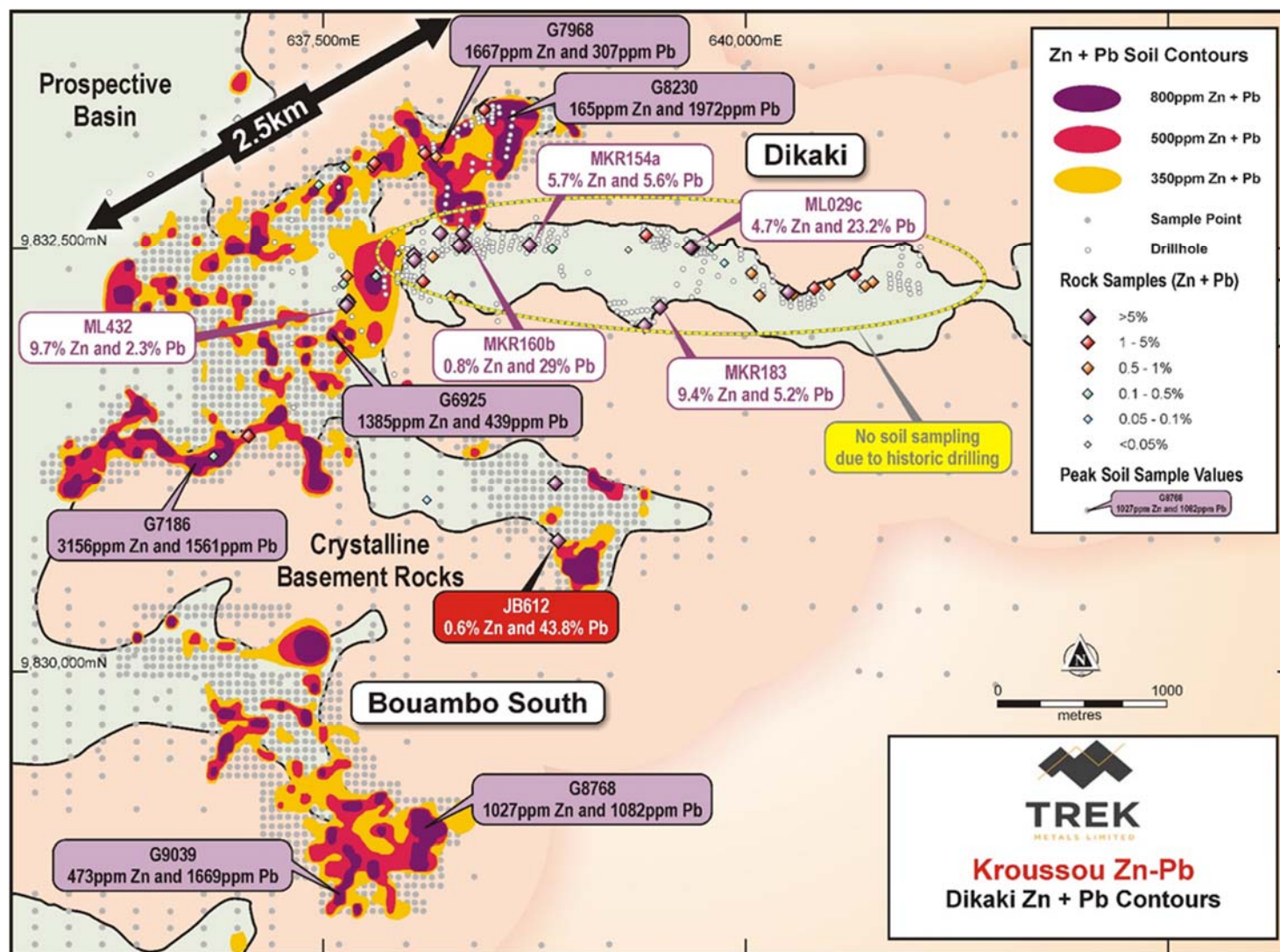


Figure 2: Soil anomalies within the Dikaki Prospect



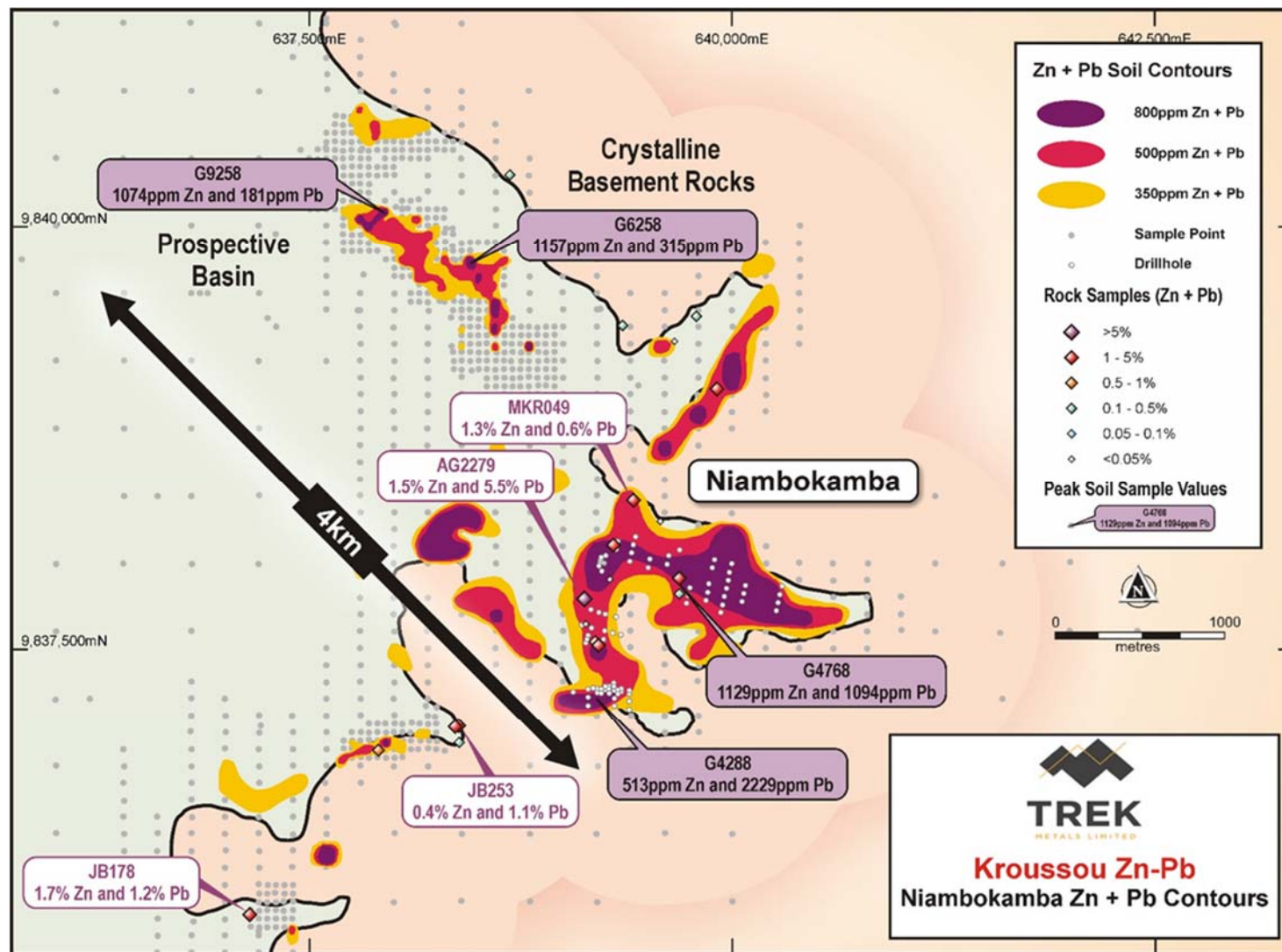


Figure 3: Soil anomalies within the Dikaki Prospect

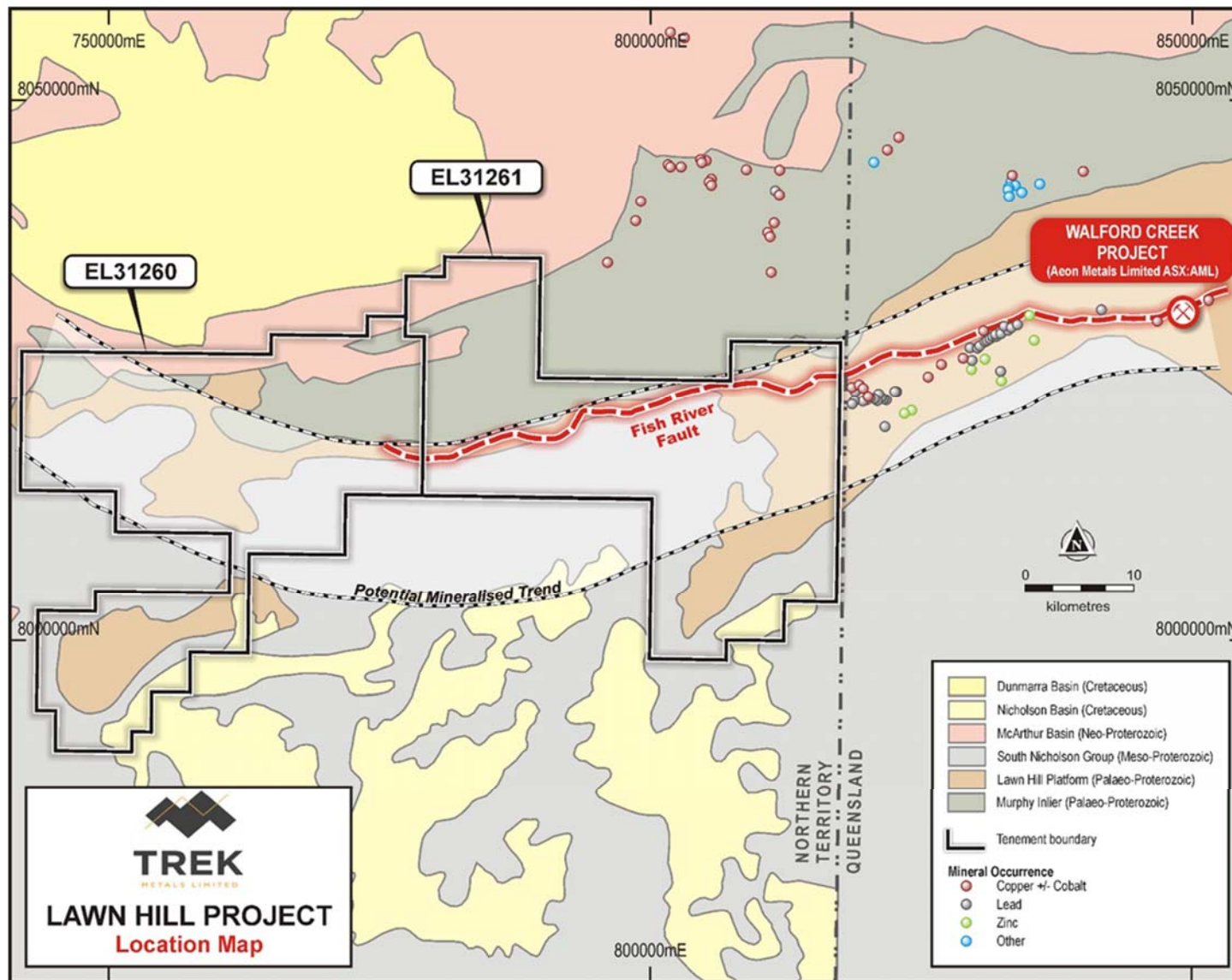


Figure 4: Lawn Hill Project Location Plan

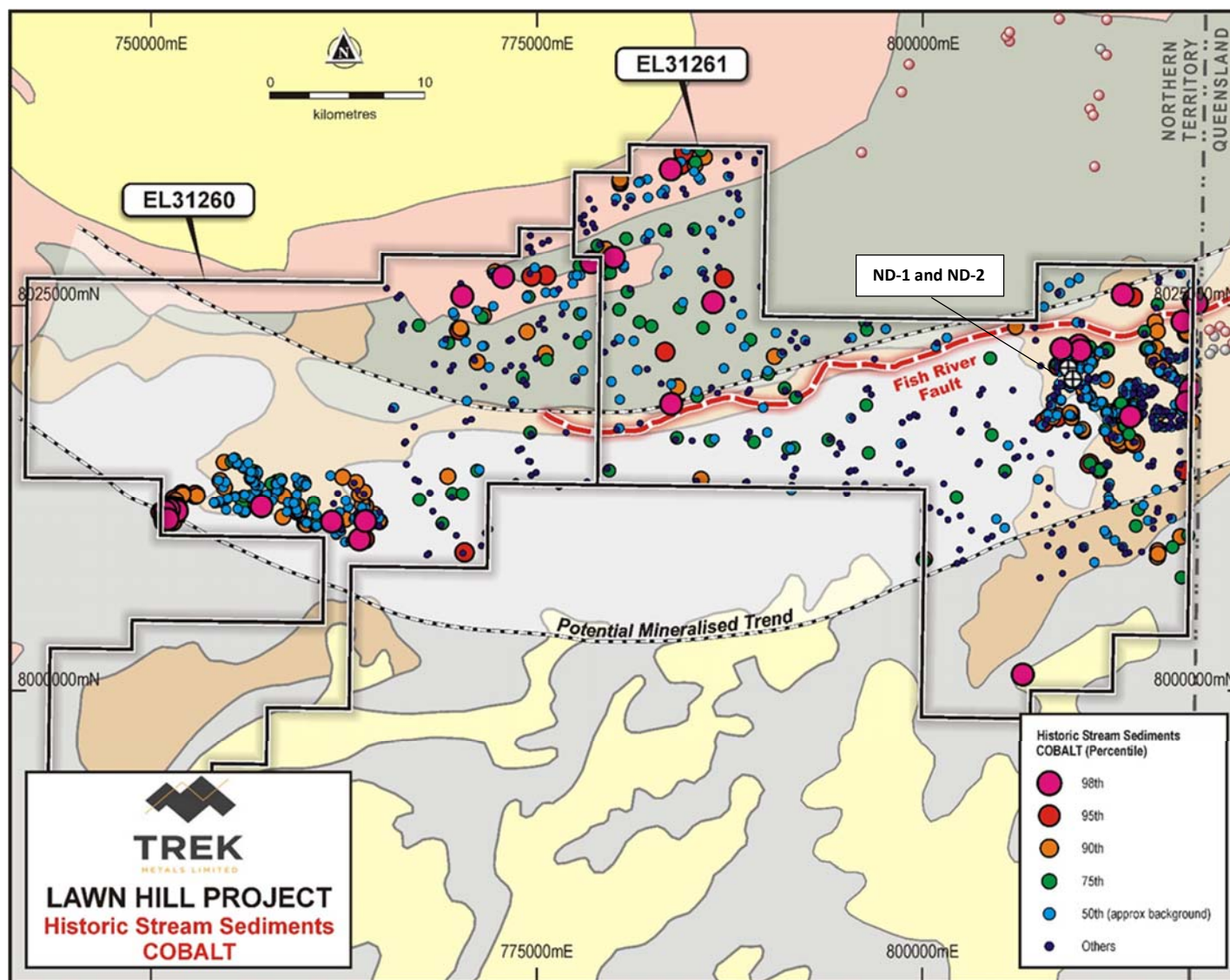


Figure 5: Historic Stream Sediment Geochemistry - Cobalt



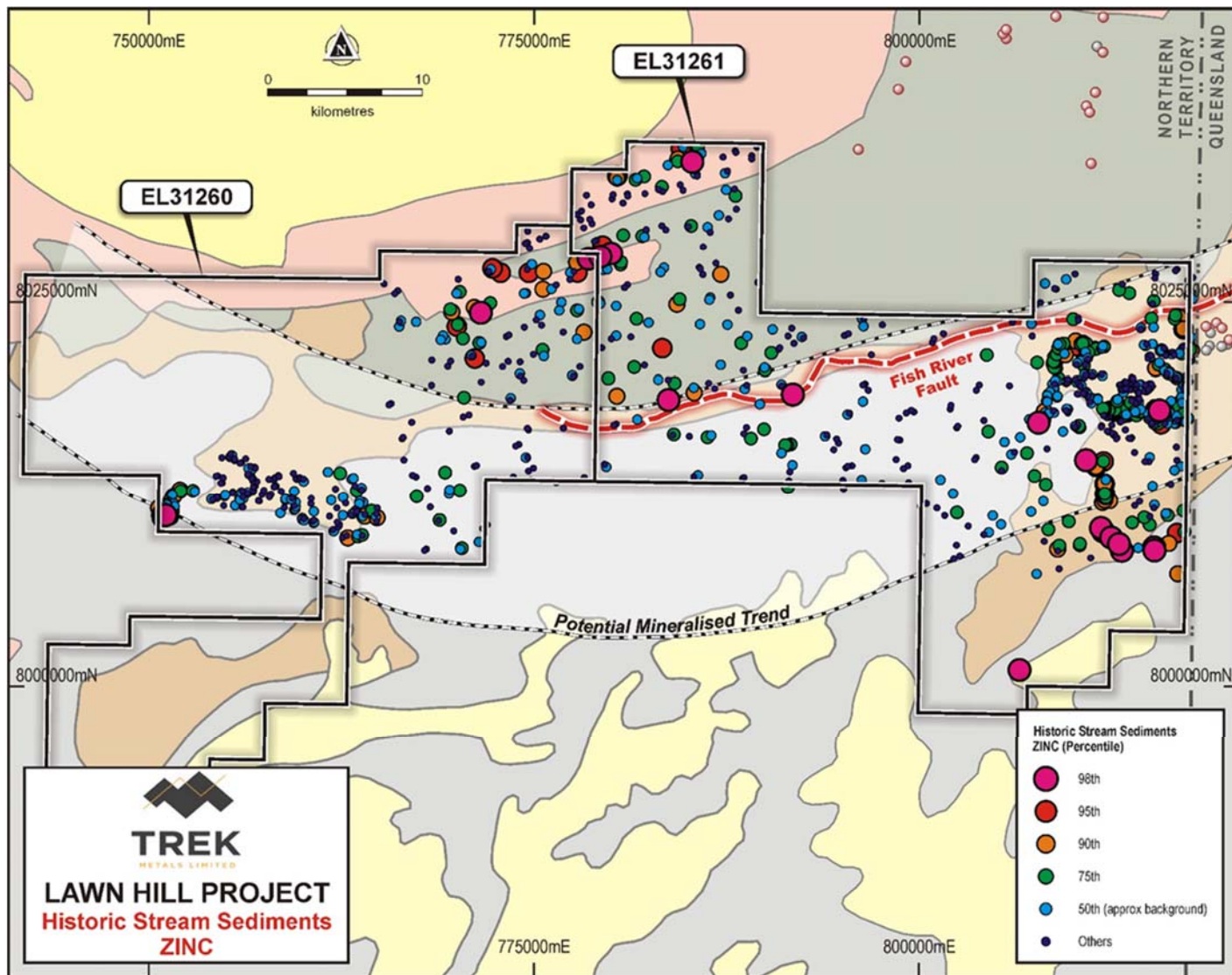


Figure 6: Historic Stream Sediment Geochemistry - Zinc

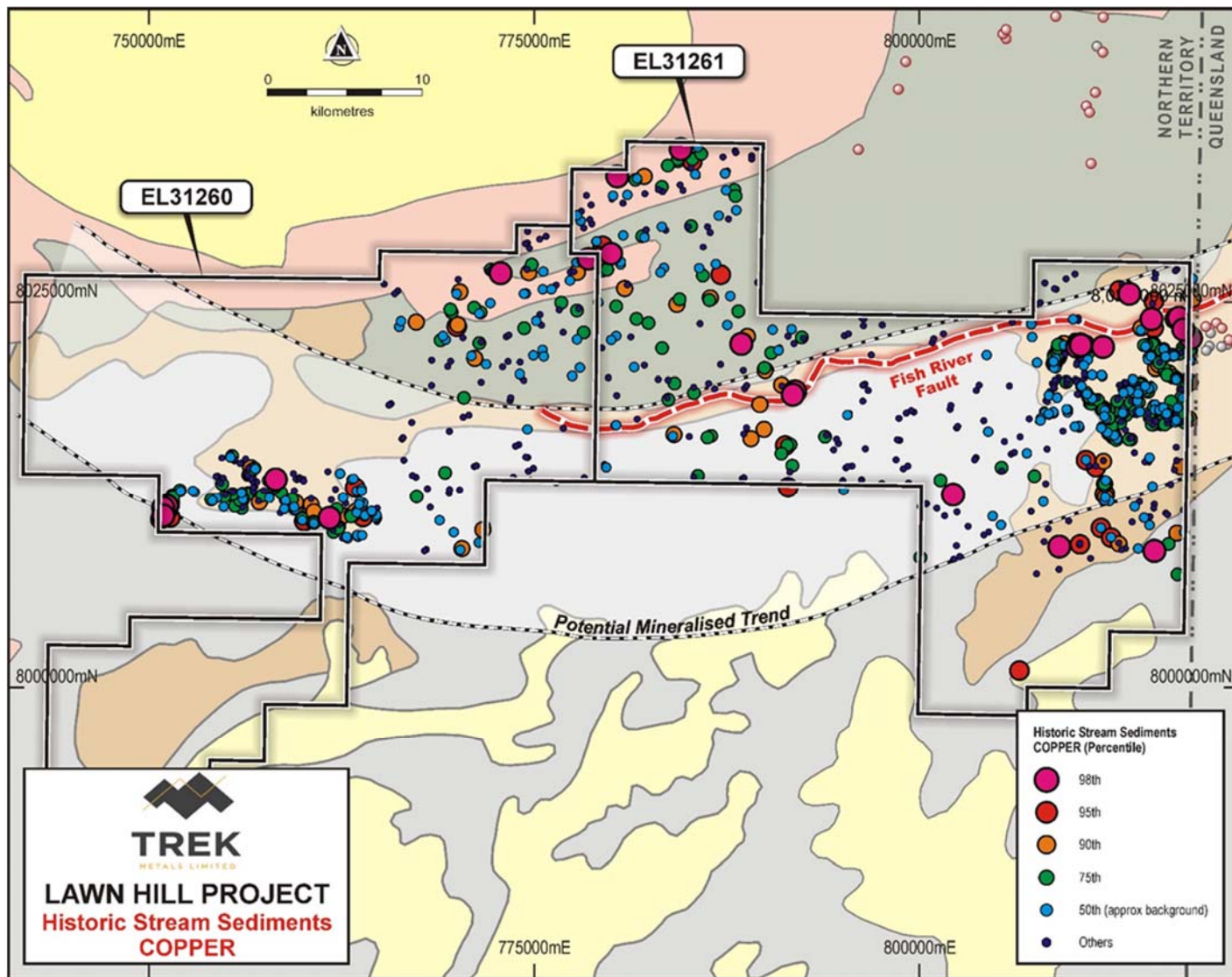


Figure 7: Historic Stream Sediment Geochemistry - Copper

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