Government of Western Australia
Department of Water and Environmental Regulation

Licence

Licence number	L9155/2018/1
Licence holder	Karora (Higginsville) Pty Ltd
ACN	108 547 217
Registered business address	15-17 ALTONA STREET West Perth, WA, 6005
DWER file number	DER2018/001153
Duration	18/09/2018 to 17/09/2030
Date of issue	17/09/2018
Date of amendment	31/07/2025
Premises details	Higginsville Gold Project HIGGINSVILLE, WA, 6443 M15/351, M15/289, M15/225, M15/642, M15/348, M15/31, M15/786, M15/506, M15/507, M15/620, M15/629, M15/639, M15/640, M15/580, M15/581, M15/597, L15/225, L15/288, L15/302, G15/19, G15/23, M15/528, M15/231, M15/748, M15/512, M15/352, M15/610, M15/375, M15/338, M15/1790, M15/1814, L15/282, L15/347, G15/26, G15/27, G15/29, L15/382, L15/389, M15/325, M15/681, M15/817, M15/1132 and L15/298.

Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)	**Assessed production / design capacity**
Category 05: Processing or beneficiation of metallic or non-metallic ore	1,500,000 tonnes per year
Category 06: Mine dewatering	5,515,000 tonnes per year
Category 54: Sewage facility	No more than 200 cubic metres per day
Category 64: Class I or II putrescible landfill	20 tonnes or more per year

This amended licence is granted to the licence holder, subject to the attached conditions, on 31 July 2025, by:

Christine Pustkuchen
Digitally signed by Christine Pustkuchen
Date: 2025.07.31 09:34:42 +08'00'

MANAGER, RESOURCE INDUSTRIES
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence History

Date	Reference number	Summary of changes
17/09/2018	L9155/2018/1	New licence issued
21/12/2018	L9155/2018/1	Amendment Notice 1: to include the Fairplay East Pit as a Tailings Storage Facility, construct a new seepage pond at the TSF and include the current monitoring bores at the Aphrodite in-pit TSF. Add category 64 to the licence.
14/05/2019	L9155/2018/1	Amendment Notice 2 – Add dewatering from Baloo Pit to Lake Cowan as a discharge and amend the Premises boundary to include the tenement in which Baloo open pit is located.
30/8/2019	L9155/2018/1	Amendment Notice 3 – Include Vine Pit void as a Tailings Storage Facility.
26/10/2020	L9155/2018/1	Licence amendment for recommissioning and embankment lifts to TSFs2-4. Increasing dewatering quantities from Baloo pit to Lake Cowan and addition of tenements.
22/09/2021	L9155/2018/1	Licence amendment to increase throughput of Category 6 to 5,515,000 tonnes per annual period. Remove redundant conditions, including those relating to time limits on discharges and to construction that has been completed. Administrative amendments to correct errors in reference to infrastructure and maps/plans.
4/11/2021	L9155/2018/1	Administrative amendment. Minor typographical errors corrected.
22/09/2023	L9155/2018/1	Amendment to add Chalice borefield infrastructure and Pioneer Pit dewatering infrastructure. Addition of tenement L15/298. Added Fairplay North pit discharge point. Removed Lake Cowan discharge point. Formatting updated and administrative errors corrected.
2/08/2024	L9155/2018/1	Amendment to add dewatering from Atreides pit and discharge into the nearby Louis pit or Josephine pit. A turkey nest is also proposed to provide access to raw water for dust suppression during mining.
31/07/2025	L9155/2018/1	Department initiated amendment (APP-0029407) to extend the expiry date by 5 years.

Interpretation

In this licence:

(a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;

(b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;

(c) where tables are used in a condition, each row in a table constitutes a separate condition;

(d) any reference to an Australian or other standard, guideline, or code of practice in this licence:

(i) if dated, refers to that particular version; and

(ii) if not dated, refers to the latest version and therefore may be subject to change over time;

(e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and

(f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The licence holder must ensure that the following conditions are complied with:

Infrastructure and equipment

1. The Licence Holder shall maintain and operate all pipelines containing tailings, effluent or saline water by ensuring they are either:
(a) equipped with automatic cut-outs in the event of a pipeline failure;
(b) equipped with telemetry; or
(c) are provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections.

2. The Licence Holder shall ensure that tailings and mine dewater are only discharged into containment cells which have the infrastructure detailed in Table 1.

Table 1 – Discharge to containment infrastructure

	Containment cell or dam(s)	Infrastructure requirements	Authorised to contain	Infrastructure Location
1	TSF 2 (prior to cell amalgamation)	Lined with at least 0.5m of clay with a permeability of $<10^{-7}$ m/s or equivalent	Tailings	As shown in Schedule 1 Figure 11
2	TSFs 2-4 super cell (post amalgamation)	Lined with at least 0.5m of clay with a permeability of $<10^{-7}$ m/s or equivalent	Tailings	As shown in Schedule 1 Figure 12
3	Aphrodite In-pit TSF (Aphrodite Central and West pits)	-	Tailings	As shown in Schedule 1 Figure 6
4	Fairplay East In-pit TSF	-	Tailings	As shown in Schedule 1 Figure 6
5	Vine In-pit TSF	-	Tailings	As shown in Schedule 1 Figure 6
6	Seepage water pond	Lined with HDPE 0.5m freeboard to be maintained	Seepage recovery from TSF production bores	As shown in Schedule 1 Figure 7
7	Process water pond	Lined with HDPE 0.5m freeboard to be maintained	Decant return, seepage recovery, and mine dewater	As shown in Schedule 1 Figure 7
8	Raw water pond	Lined with HDPE 0.5m freeboard to be maintained	Mine dewater and water from the Chalice borefield	As shown in Schedule 1 Figure 7
9	Pioneer turkey's nest	Lined with HDPE 0.5m freeboard to be maintained	Mine dewater from Pioneer open pit	As shown in Schedule 1, Figure 5

Table 1 – Discharge to containment infrastructure				
	Containment cell or dam(s)	**Infrastructure requirements**	**Authorised to contain**	**Infrastructure Location**
10	Chalice turkey's nest	Lined with HDPE 0.5m freeboard to be maintained	Water from the Chalice borefield	As shown in Schedule 1, Figure 4
11	Josephine turkey's nest	Lined with HDPE 0.5m freeboard to be maintained	Mine dewater from Artreides open pit	As shown in Schedule 1, Figure 6

3. The Licence Holder is authorised to:
(a) construct embankment raises for TSF 2 and TSF2-4 super cell (merged) to the construction height; and
(b) operate until the end of stage 4 operating height,
As specified in Table 2.

Table 2 – Staged construction and operating heights			
Stages	**TSF**	**Embankment elevation (mRL)**	**Operating height (mRL)**
3	TSF 2 – 4 super cell (merged)	1320.0m	1319.7
4	TSF 2 – 4 super cell (merged)	1325.5m	1325.2

4. The Licence Holder shall manage TSFs such that:
(a) a minimum top of embankment freeboard of 300mm is maintained;
(b) a seepage collection and recovery system is provided and used to capture seepage from the TSF; and
(c) seepage is returned to the process.

5. The Licence Holder shall undertake inspections as detailed in Table 3;
(a) where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences as soon as practicable; and
(b) maintain a record of all inspections undertaken.

Table 3 – Inspection of infrastructure		
Scope of inspection	**Type of inspection**	**Frequency of inspection**
Tailings pipelines	Visual integrity	Daily
Tailings return water lines	Visual integrity	Daily
Embankment freeboard of containment infrastructure in Table 2	Visual to confirm required freeboard capacity is available	Daily
Pipelines containing saline water	Visual integrity	Daily

6. The Licence Holder shall undertake the works to raise TSF 2 and TSF2-4 (super cell) in accordance with the requirements detailed in Column 2 and to the plans or locations referenced in Column 3 of Table 4.

Table 4 – Construction requirements		
Column 1	**Column 2**	**Column 3**
Infrastructure/Equipment	**Requirements (design and construction)**	**Site plan reference**
TSFs 2-4 super cell (post amalgamation) • Stage 3 to embankment height RL 1320.0m • Stage 4 to embankment height RL 1325.5m	• Recommissioned pipelines to TSF to be tested by a suitably qualified engineer; • Flowmeters installed on pipelines at the processing plant and discharge point with telemetry into the control system. • Operational freeboard to be kept to 300mm minimum; • Beach freeboard of 200mm; • Combined operational and beach freeboard of 500mm (including an allowance for a 72hr 1:100-year rainfall event) • Total storage area of 72ha.	Figure 12-in Schedule 1

7. The Licence Holder must not depart from the requirements specified in Table 4 except:

(a) Where such departures are minor in nature and do not materially change or affect the infrastructure; and

(b) Where such departure improves the functionality of the infrastructure and does not increase the risks to public health, public amenity or the environment.

If condition 7 (b) applies, then the Licence Holder must provide the CEO with a list of departures and demonstrate that these have not increased the risk to public health, public amenity, or the environment.

8. The licence holder must construct and/or install the infrastructure listed in Table 5, in accordance with:

(a) the corresponding design and construction requirement; and

(b) at the corresponding infrastructure location

as set out in Table 5.

Table 5 – Design and construction requirements		
Infrastructure	**Design and construction requirements**	**Infrastructure location**
Pioneer turkey's nest	HDPE-lined 80m by 80m Embankments to be no greater than 3m in height	As shown in Schedule 1, Figure 5.

Chalice turkey's nest	HDPE-lined 80m by 80m Embankments to be no greater than 3m in height	As shown in Schedule 1, Figure 4
Josephine turkey's nest	HDPE-lined 80m by 80m Embankments to be no greater than 3m in height	As shown in Schedule 1, Figure 14
Pioneer dewatering pipelines, Chalice borefield pipelines and Artreides dewatering pipelines	Ensure that they are either: • equipped with automatic cut-outs in the event of a pipeline failure; • equipped with telemetry; or • are provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections.	As shown in Schedule 1, Figure 4, 5 and 6.

Emissions and discharges

9. The Licence Holder shall record and investigate the exceedance of any descriptive or numerical limit, in this section.

Point source emissions to surface water

10. The Licence Holder shall ensure that where waste is emitted to surface water from the emission points in Table 6 it is done so in accordance with the conditions of this licence.

Table 6 – Emission points to surface water

Emission point reference	Emission point reference on map of emission points	Description	Source including abatement
D1	Chalice West Lake	Receiving environment - hypersaline lake	Mine dewater from Chalice Pit

Emissions to groundwater

11. The Licence Holder shall ensure that where waste is emitted to groundwater from the emission points in Table 7 it is done so in accordance with the conditions of this Licence.

Table 7 – Emission points to groundwater

Emission point reference	Emission point reference on Map of emission points	Description	Source including abatement
G1 (As shown in Schedule 1 Figure 8)	Aphrodite East Pit	Receiving environment – previously mined pit	Mine dewater from Chalice pit, Pioneer pit, Higginsville underground and Challenge pit. Water from the Chalice borefield.
G2 (As shown in Schedule 1 Figure 8)	Poseidon North Pit	Receiving environment- previously mined pit	Mine dewater from Aphrodite East pit, Trident underground mine and Chalice pit. Water from the washdown bay. Water must be treated by an oil/water separator.
G3 (As shown in Schedule 1 Figure 8)	Fairplay North Pit	Receiving environment- previously mined pit	Mine dewater from Two Boys Underground mine and Aquarius Underground mine
G5 (As shown in Schedule 1 Figure 15)	Louis Pit	Receiving environment- previously mined pit	Mine dewater from Atreides Pit
G6 (As shown in Schedule 1 Figure 15)	Josephine Pit	Receiving environment- previously mined pit	Mine dewater from Atreides Pit

12. The Licence Holder shall not cause or allow emissions to groundwater greater than the limits listed in Table 8.

Table 8 – Emission limits to groundwater

Emission point reference	Parameter	Limit (including units)	Averaging period
G1 & G2	Annual cumulative volume	1 900 000 tonnes	N/A
Washdown bay Oil/water separator discharge to Poseidon North Pit (G2)	Total recoverable hydrocarbons (TRH)	15 mg/L	Spot sample

Emissions to land

13. The Licence Holder shall ensure that where waste is emitted to land from the emission points in Table 9 and identified on the map of emission points in Schedule 1 it is done so in accordance with the conditions of this Licence.

Table 9 – Emissions to land			
Emission point reference	**Emission point reference on Map of Emission Points**	**Description**	**Source including abatement**
L1	Irrigation Field	Sewage facility irrigation field	Sewage facility

14. The Licence Holder shall not cause or allow emissions to land greater than the limits listed in Table 10.

Table 10 – Emission limits to land			
Emission point reference	**Parameter**	**Limit (including units)**	**Averaging period**
L1	Maximum inorganic nitrogen addition	480 kg/hectare/year	Quarterly spot sample
	Maximum inorganic phosphorus addition	120 kg/hectare/ year	

15. The Licence Holder must ensure that any dewatering effluent used for dust suppression is managed in a manner that minimises damage to surrounding vegetation.

Monitoring

16. The Licence Holder shall ensure that:
(a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
(b) all wastewater sampling is conducted in accordance with AS/NZS 5667.10;
(c) all surface water sampling is conducted in accordance with AS/NZS 5667.4, AS/NZS 5667.6 or AS/NZS 5667.9 as relevant;
(d) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
(e) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured.

17. The Licence Holder shall ensure that:
(a) monthly monitoring is undertaken at least 15 days apart;
(b) quarterly monitoring is undertaken at least 45 days apart; and
(c) annual monitoring is undertaken at least 9 months apart.

Monitoring of point source emissions to surface water

18. The Licence Holder shall undertake the monitoring in Table 11 according to the specifications in that table.

Table 11 – Monitoring of point source emissions to surface water

Emission point reference	Parameter	Units	Frequency
Chalice West Lake - CMB6 monitoring bore	Aluminium, arsenic, barium, boron, beryllium, cadmium, cobalt, chromium, copper, iron, mercury, potassium, magnesium, manganese, molybdenum, sodium, nickel, lead, selenium, silicon, tin, strontium, titanium, thallium, vanadium, and zinc.	mg/L	Annually during active discharge
Chalice West Lake	Aquatic biota	N/A	Annually during active discharge
	TDS	ppm	Annually during active discharge
D1, D2, D3, C1, C2	Lake fringe monitoring- species richness in quadrats	N/A	Annually
Discharge to Chalice West Lake	pH	-	Monthly during active discharge
	TDS TSS	mg/L	
	Bicarbonate (HCO_3) Carbonate (CO_3) Calcium (Ca) Chloride (Cl) Magnesium (Mg) Potassium (K) Sodium (Na) Sulfate (SO_4) Aluminium (Al) Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Boron (B) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Iron (Fe) Lead (Pb) Manganese (Mn) Mercury (Hg) Molybdenum (Mo) Nickel (Ni) Selenium (Se) Silicon (Si) Thallium (Tl) Uranium (U) Vanadium (V) Zinc (Zn)	mg/L	Annually during active discharge

Table 11 – Monitoring of point source emissions to surface water			
Emission point reference	**Parameter**	**Units**	**Frequency**
	Diatoms Macrophytes Aquatic invertebrates	N/A	Annually during active discharge

19. The Licence Holder shall ensure that monitoring of aquatic biota (algae (diatoms), macrophytes, invertebrates (including resting stages)) required by condition 18 shall be undertaken by a qualified scientist experienced in biological sampling from salt lakes. The ecological components monitored will reflect the lake conditions at the time of sampling (i.e. whether wet or dry). If sampled during dry conditions, hatching of dormant species must be completed to provide a complete record of all species present.

Monitoring of emissions to land and groundwater

20. The Licence Holder shall undertake the monitoring in Table 12 according to the specifications in that table.

Table 12 – Monitoring of emissions to land and groundwater					
Emission point reference	**Parameter**	**Units**	**Limit**	**Reference period**	**Frequency**
L1	Biochemical Oxygen Demand (BOD)	mg/L	-	Spot sample	Annually
	Total Suspended Solids (TSS)	mg/L	-		
	Total Nitrogen (TN)	mg/L			
	Total Phosphorus	mg/L			
	Turbidity	NTU	-		
	Chlorine Residual	mg/l	-		
	pH		-		
	E.coli	cfu per 100ml	-		
G1 G2 G3 G5 & G6	Standing Water Level (SWL) within pit	(mbgl) metres below ground level	4		Monthly
	pH		-	Spot sample	Monthly (except when no discharges to pit occur in that month)
	TDS	mg/L	-		
	Conductivity	mS/cm	-		

Table 12 – Monitoring of emissions to land and groundwater					
Emission point reference	**Parameter**	**Units**	**Limit**	**Reference period**	**Frequency**
	Aluminium, arsenic, barium, boron, beryllium, bicarbonate, carbonate, cadmium, cobalt, chromium, copper, iron, mercury, potassium, magnesium, manganese, molybdenum, sodium, nickel, lead, selenium, silicon, sulfate, strontium, thallium, vanadium, zinc.	mg/L	-	Spot sample	Quarterly (except when no discharges to pit occur in that quarter)
Oil/water separator discharge into Poseidon North Pit (G2)	Total Recoverable Hydrocarbons (TRH)	mg/L	15	Spot sample	Quarterly

Note 1: pH and TDS may be measured in the field.

Process monitoring

21. The Licence Holder shall undertake the monitoring in Table 13 according to the specifications in that table.

Table 13 – Process monitoring					
Monitoring point reference	**Process description**	**Parameter**	**Units**	**Frequency**	**Method**
TSF2 (prior to amalgamation) TSF2-4 (post amalgamation) Aphrodite In-Pit TSF Fairplay East In-pit TSF Vine In-pit TSF	Tailings delivery to TSF	Volume, and mass of tailings deposited into the TSF (figures for wet and dry)	m^3 and tonnes	Monthly	None specified
TSF2 (prior to amalgamation) TSF2-4 (post amalgamation) Aphrodite In-Pit TSF Fairplay East In-pit TSF Vine In-pit TSF	TSF return water	Volumes of water recovered from the TSF	kL	Monthly	None specified

Table 13 – Process monitoring					
Monitoring point reference	**Process description**	**Parameter**	**Units**	**Frequency**	**Method**
TSF2 (prior to amalgamation) TSF2-4 (post amalgamation) Aphrodite In-Pit TSF Fairplay East In-pit TSF Vine In-pit TSF	Seepage recovery	Volume of seepage water recovered from the TSF	kL	Monthly	None specified
G1 Aphrodite East Pit G2 Poseidon North Pit G3 Fairplay North Pit G5 Louis Pit G6 Josephine pit	Water discharge into pit	Volume of water discharged into each pit	kL	Monthly	None specified
Chalice West Lake discharge point	Dewatering from Chalice Pit to Chalice West Lake	Volume of water discharged to Chalice West Lake	kL	Monthly	Flowmeter readings

Ambient environmental quality monitoring

22. The Licence Holder shall undertake the monitoring in Table 14 according to the specifications in that table and record and investigate results that do not meet any limit specified.

Table 14 – Monitoring of ambient groundwater quality					
Monitoring point reference and location	**Parameter**	**Limit**	**Units**	**Averaging period**	**Frequency**
Tailings outfall and decant water	pH	-		Spot sample	Monthly when in operation
	WAD CN	-	mg/L		
Monitoring bores: <u>TSFs 2-4:</u> HMB6, HMB7, HMB22A, HMB25A, HMB27A, HMB28A <u>Aphrodite In-pit TSF:</u> APHMB1, APHMB2, APHMB3, APHMB4,	SWL	4	mbgl		Monthly when in operation. Six monthly when in care and maintenance

Table 14 – Monitoring of ambient groundwater quality					
Monitoring point reference and location	**Parameter**	**Limit**	**Units**	**Averaging period**	**Frequency**
APHMB5, APHMB6, Fairplay East In-pit TSF: FPEMB2, FPEMB4 and FPEMB5 Vine In-pit TSF: VMB1, VMB2 and VMB3					
Monitoring bores: TSFs 2-4: HMB1, HMB3, HMB4, HMB5, HMB6,-HMB7, HMB22A, HMB25A, HMB27A, HMB28A	pH	-			Monthly when in operation. Six monthly when in care and maintenance
	TDS	-	mg/L		
Aphrodite In-pit TSF: APHMB1, APHMB2, APHMB3, APHMB4, APHMB5, APHMB6, Fairplay East In-pit TSF FPEMB2, FPEMB4 and FPEMB5 Vine In-pit TSF: VMB1, VMB2 and VMB3	Conductivity	-	mS/cm		Quarterly when in operation; Annually when in care and maintenance
	WAD CN	0.5	mg/L		
	aluminium, arsenic, barium, boron, beryllium, bicarbonate, carbonate, cadmium, cobalt, chromium, chloride, copper, iron, mercury, potassium, magnesium, manganese, molybdenum, nickel, lead, selenium, silicon, sulfate, sodium, strontium, thallium, vanadium, zinc	-	mg/L		

Note 1: pH and TDS may be measured in the field

Records and reporting

23. All information and records required by the Licence shall:
(a) be legible;
(b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
(c) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
(d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
(i) off-site environmental effects; or
(ii) matters which affect the condition of the land or waters.

24. The Licence Holder shall complete an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

25. The Licence Holder shall implement a complaints management system that as a minimum, records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

26. The Licence Holder shall submit to the CEO an Annual Environmental Report within 90 calendar days after the end of the annual period. The report shall contain the information listed in Table 15 in the format or form specified in that table.

Table 15 – Annual Environmental Report

Condition or table (if relevant)	Parameter	Format or form[1]
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
24	Compliance	AACR[1]
25	Complaints summary	None specified
Table 11	All analytes and physical characteristics listed in Table 11 should be included in the annual environmental report, including a comparison with relevant ecological criteria.	Tabular
Table 12	All analytes and physical characteristics listed in Table 12 should be included in the annual environmental report, including a comparison with relevant ecological criteria.	Tabular
Table 13	All process monitoring parameters listed in Table 13 should be included in the annual environmental report.	Tabular
Table 14	pH, WAD CN, SWL, TDS, Conductivity, metal(loid)s and major ions	None specified

Note 1: The annual audit compliance form can be accessed online from DWER's website at: https://www.der.wa.gov.au/our-work/licences-and-works-approvals/publications#aacr

27. The Licence Holder shall ensure that the Annual Environmental Report also contains:

(a) any relevant process, production or operational data recorded; and
(b) an assessment of the information contained within the report against previous monitoring results and Licence limits.

28. The Licence Holder shall submit a compliance document to the CEO, following the construction of each stage of the works listed in condition 3 and prior to commissioning of the same.

29. The Licence Holder must submit the construction compliance document required by condition 28 with a minimum of the following:

(a) TSF infrastructure specified in column 1 of Table 2 is certified by a qualified geotechnical engineer stating that each stage has been constructed in accordance with the relevant requirements specified in Condition 6

(b) signed by a person authorised to represent the Licence Holder and contain the printed name and position of that person within the company.

30. The Licence Holder must within 30 days of each item of infrastructure required by condition 8 being constructed:

(a) undertake an audit of their compliance with the requirements of condition 8; and

(b) prepare and submit to the CEO an audit report on that compliance.

31. The report required by conditions 30 must:

(a) be certified by a suitably qualified professional engineer that each item of infrastructure listed in Table 5 meets the corresponding specifications and locations set out in Table 5 and has been constructed with no material defects;

(b) contain as constructed plans and a detailed site plan for each item of infrastructure; and

(c) be signed by a person authorised to represent the Licence Holder and contain the printed name and position of that person.

32. The Licence Holder shall ensure that the parameters listed in Table 16 are notified to the CEO in accordance with the notification requirements of the table.

Table 16 – Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement[1]	Format or form[2]
N/A	Breach of any limit specified in the Licence	Part A: As soon as practicable but no later than 5PM of the next usual working day. Part B: As soon as practicable	N1

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act
Note 2: Forms are in Schedule 2

Definitions

In this licence, the terms in Table 17 have the meanings defined.

Table 17: Definitions

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12 month period commencing from 1 July until 30 June of the immediately following year.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the *Environmental Protection Act 1986* Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
cfu per 100 mL	means colony forming units per 100 millilitres
Department	means the department established under section 35 of the *Public Sector Management Act 1994* (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
environmentally hazardous material	means material which, if discharged into the environment from or within the premises may cause pollution or environmental harm. Note: Environmentally hazardous materials include dangerous goods where they are stored in quantities below placard quantities. The storage of dangerous goods above placard quantities is regulated by the Department of Mines, Industry Regulation and Safety.
EP Act	*Environmental Protection Act 1986* (WA)
EP Regulations	*Environmental Protection Regulations 1987* (WA)
freeboard	means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point

Term	Definition
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
mbgl	metres below ground level
monthly period	means a one-month period commencing from day 1 of a month until the final day of the same month.
NATA	means the National Association of Testing Authorities, Australia.
NTU	Nephelometric Turbidity Unit
premises	refers to the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
qualified geotechnical engineer	as recognised by an Australian professional group or organisation to be competent in the duties required of a geotechnical engineer.
SWL	means standing water level
TDS	means total dissolved solids
TSF	means tailings storage facility
WAD CN	means weak acid dissociable cyanide
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

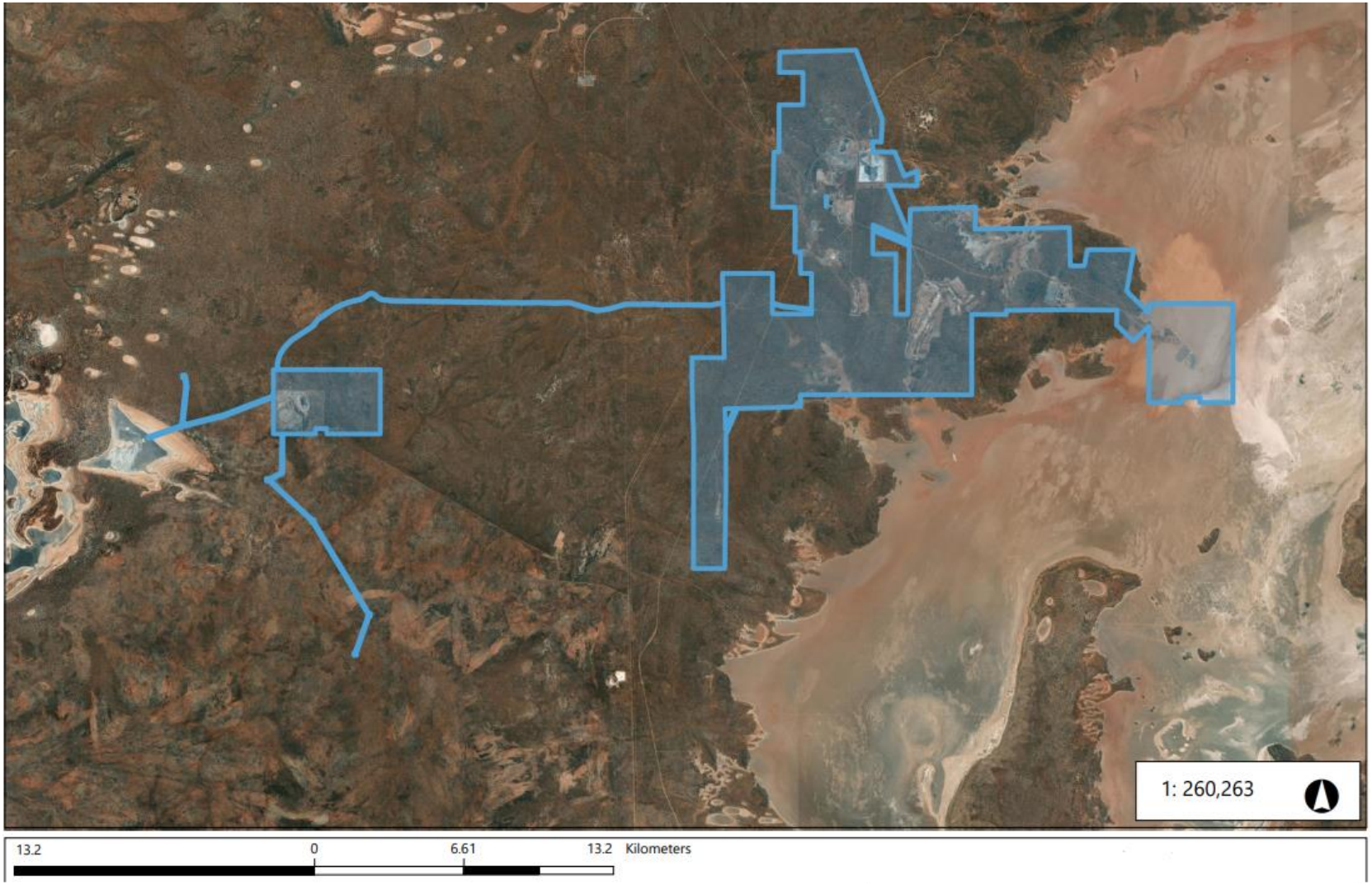


Figure 1: Map of the boundary of the prescribed premises

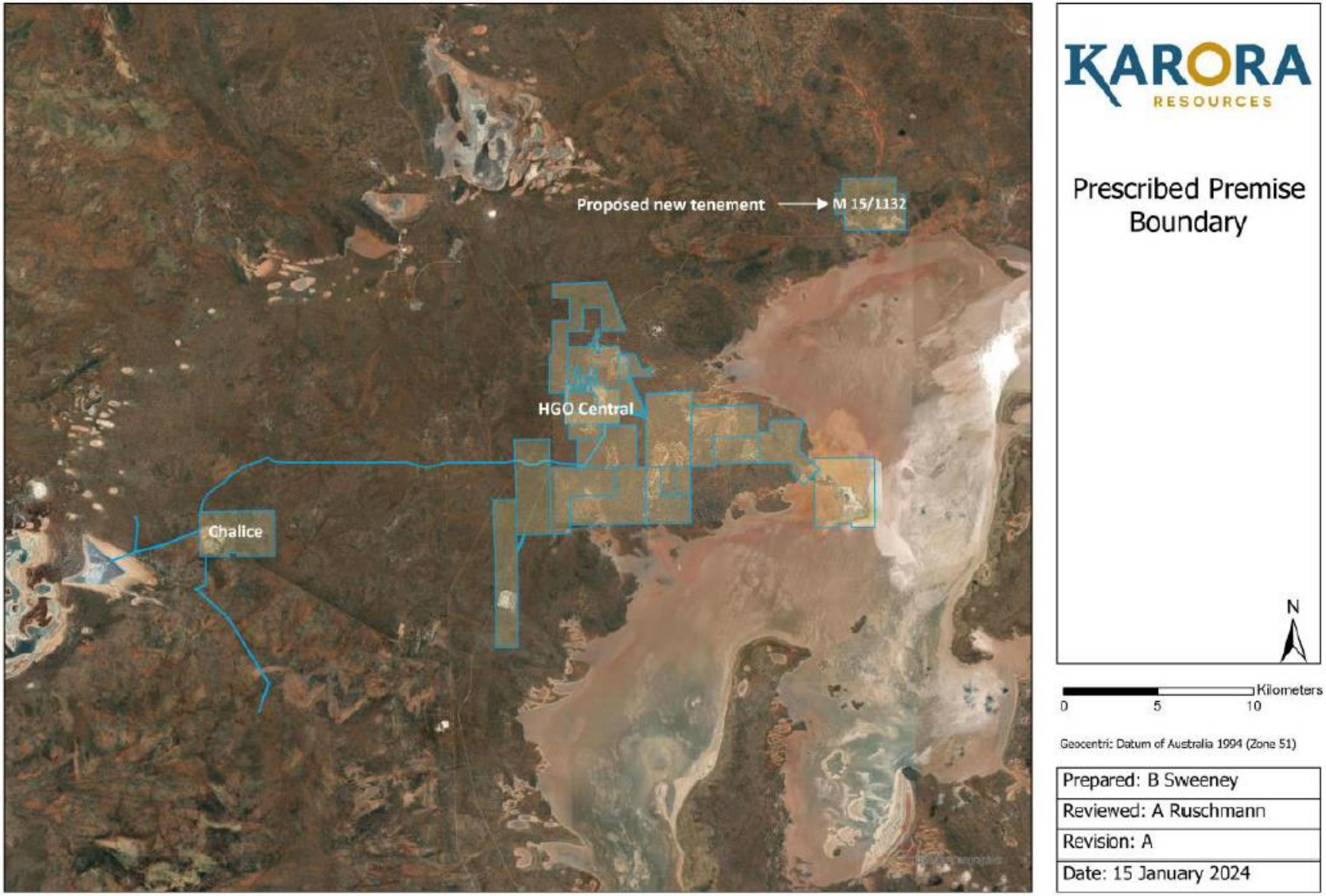


Figure 2: Map of the boundary of the prescribed premises

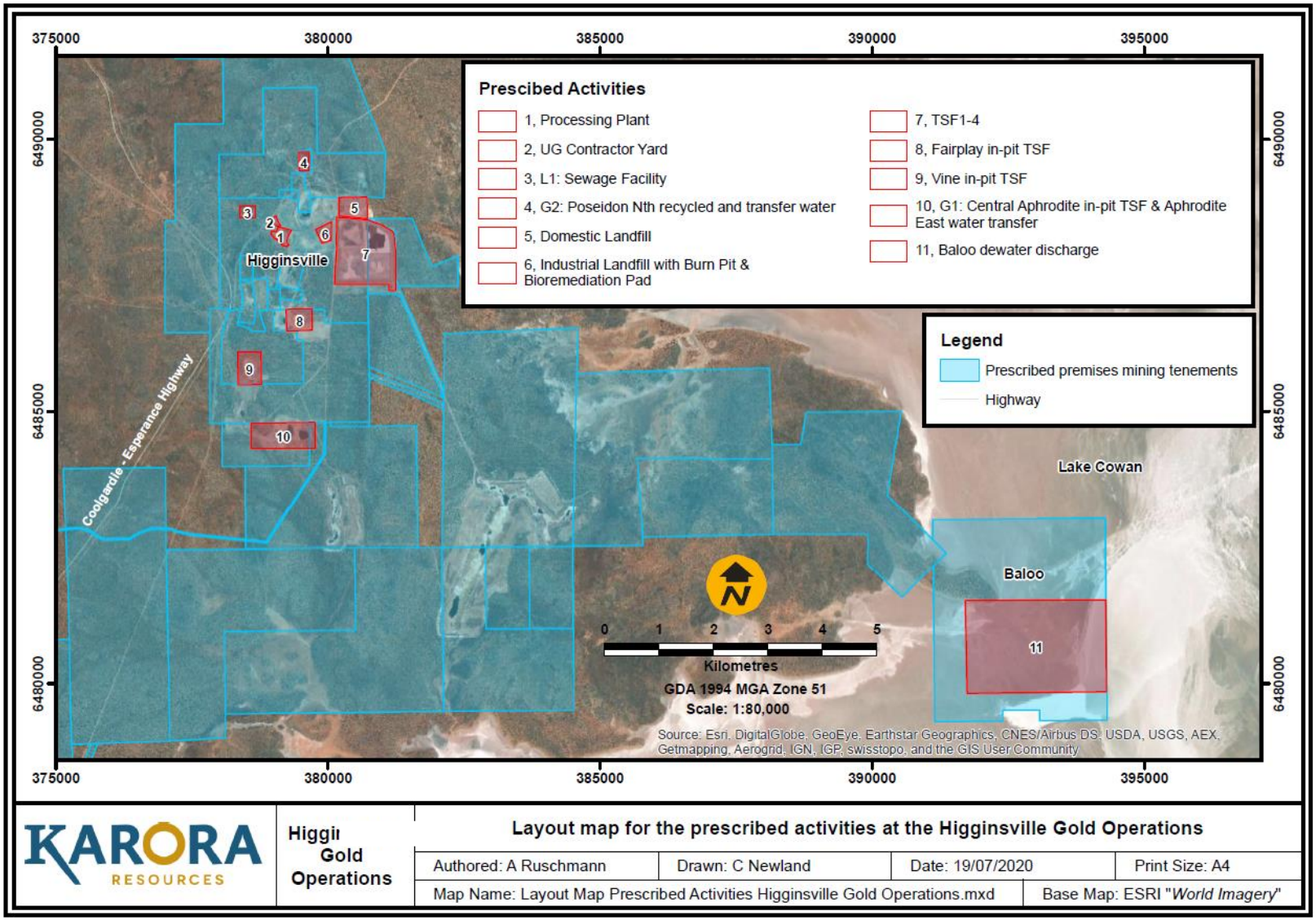


Figure 3: Layout map for the prescribed activities – eastern region

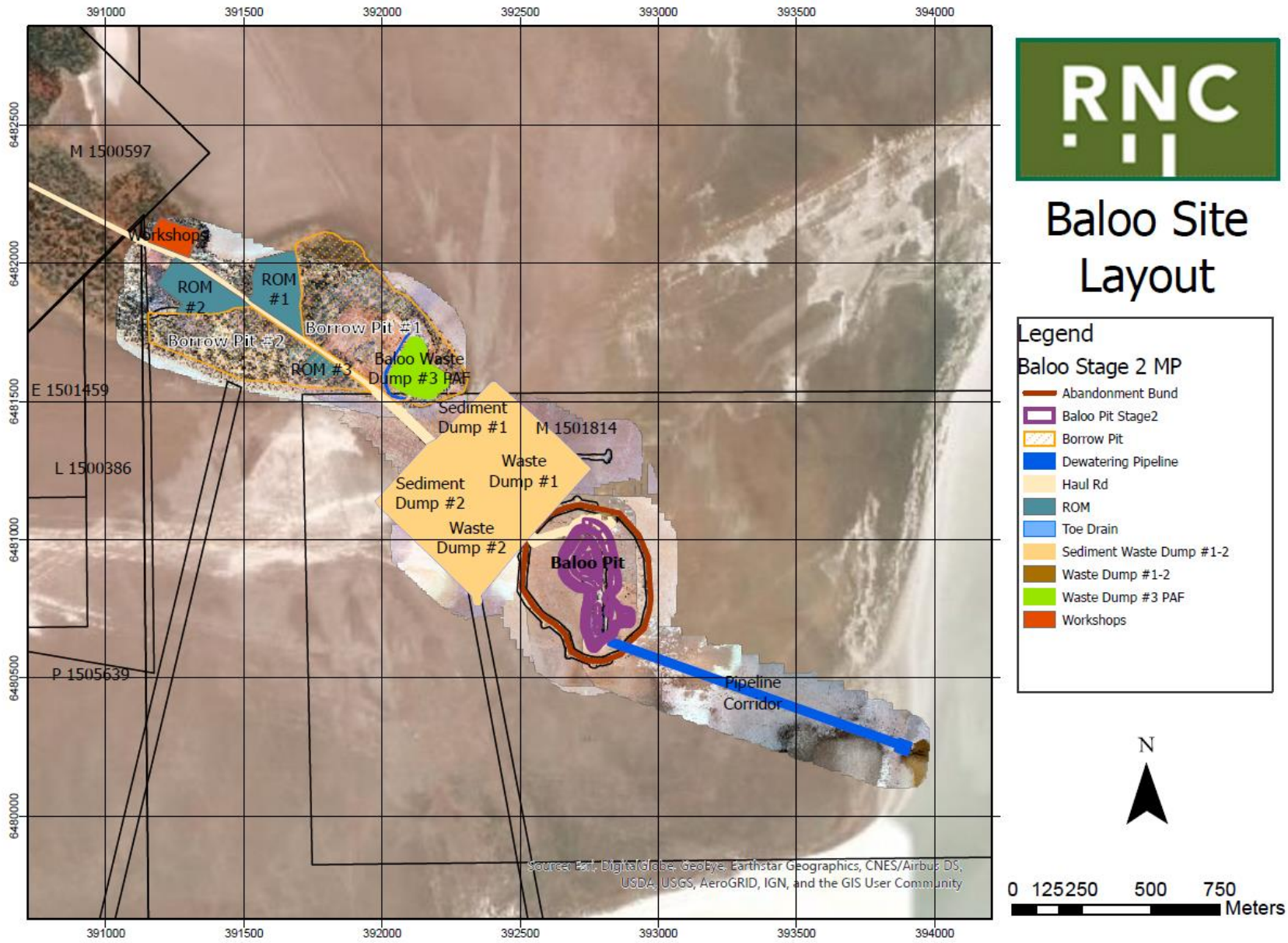


Figure 4: Baloo site layout

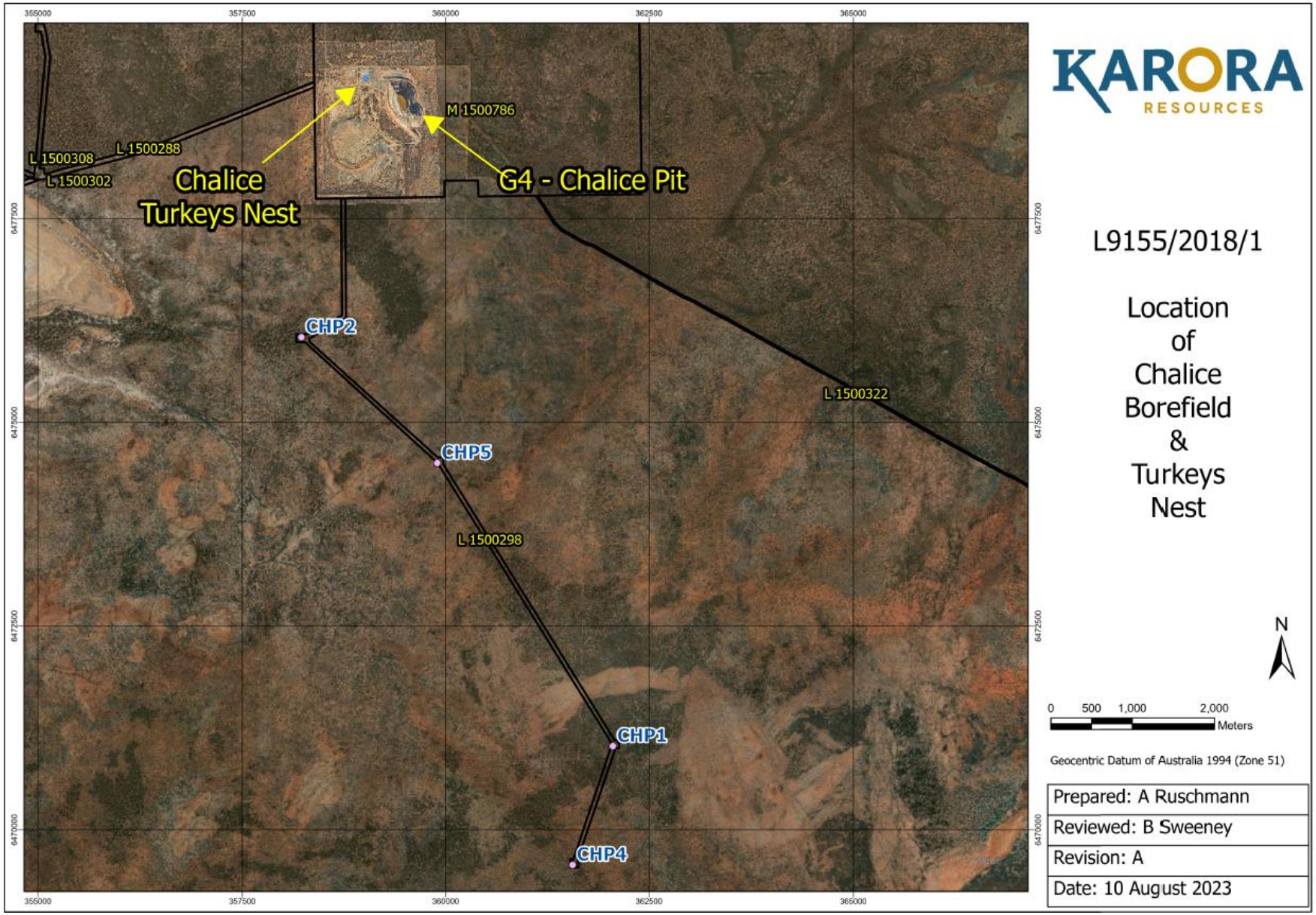


Figure 5: Chalice site layout

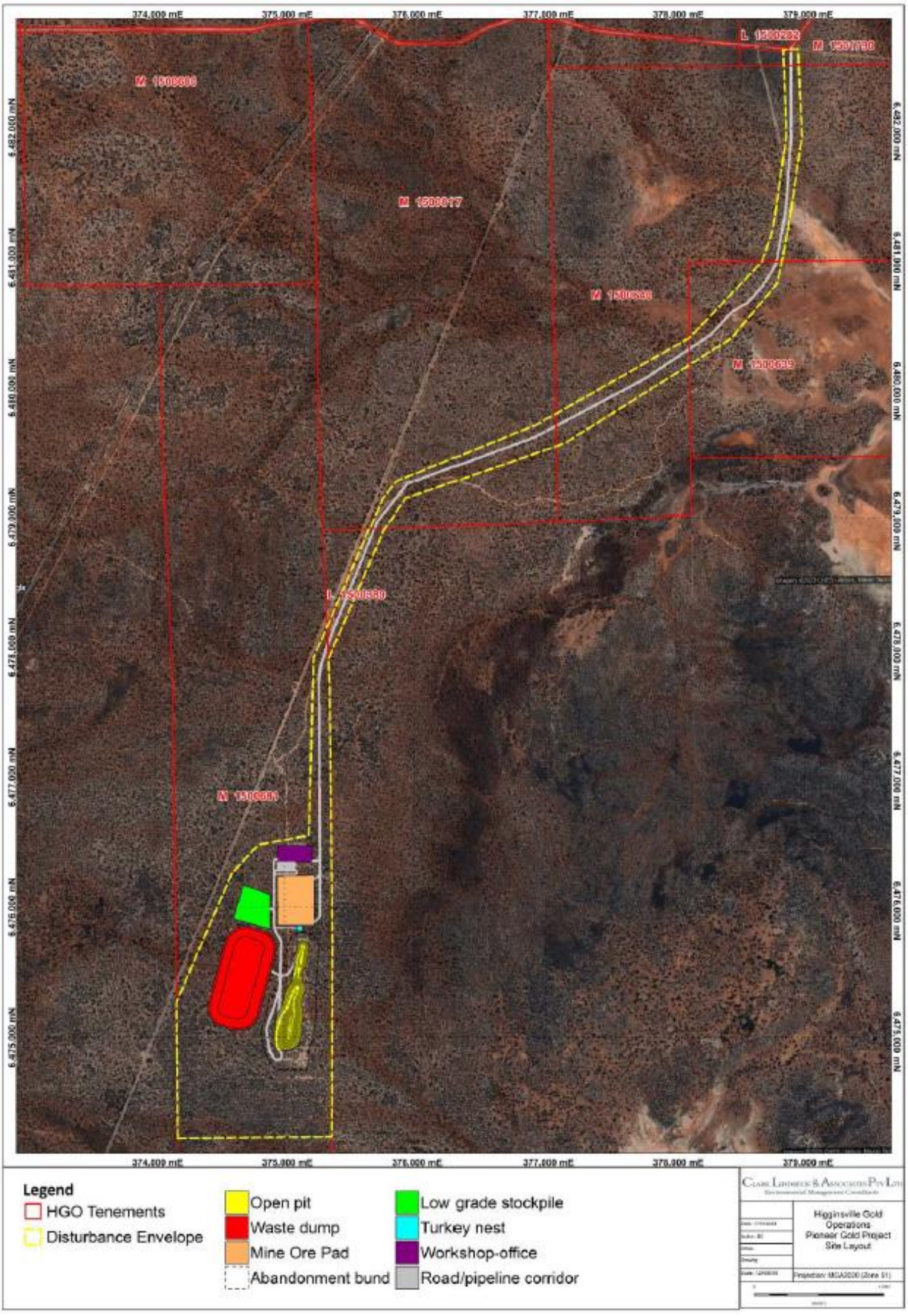


Figure 6: Pioneer site lay out

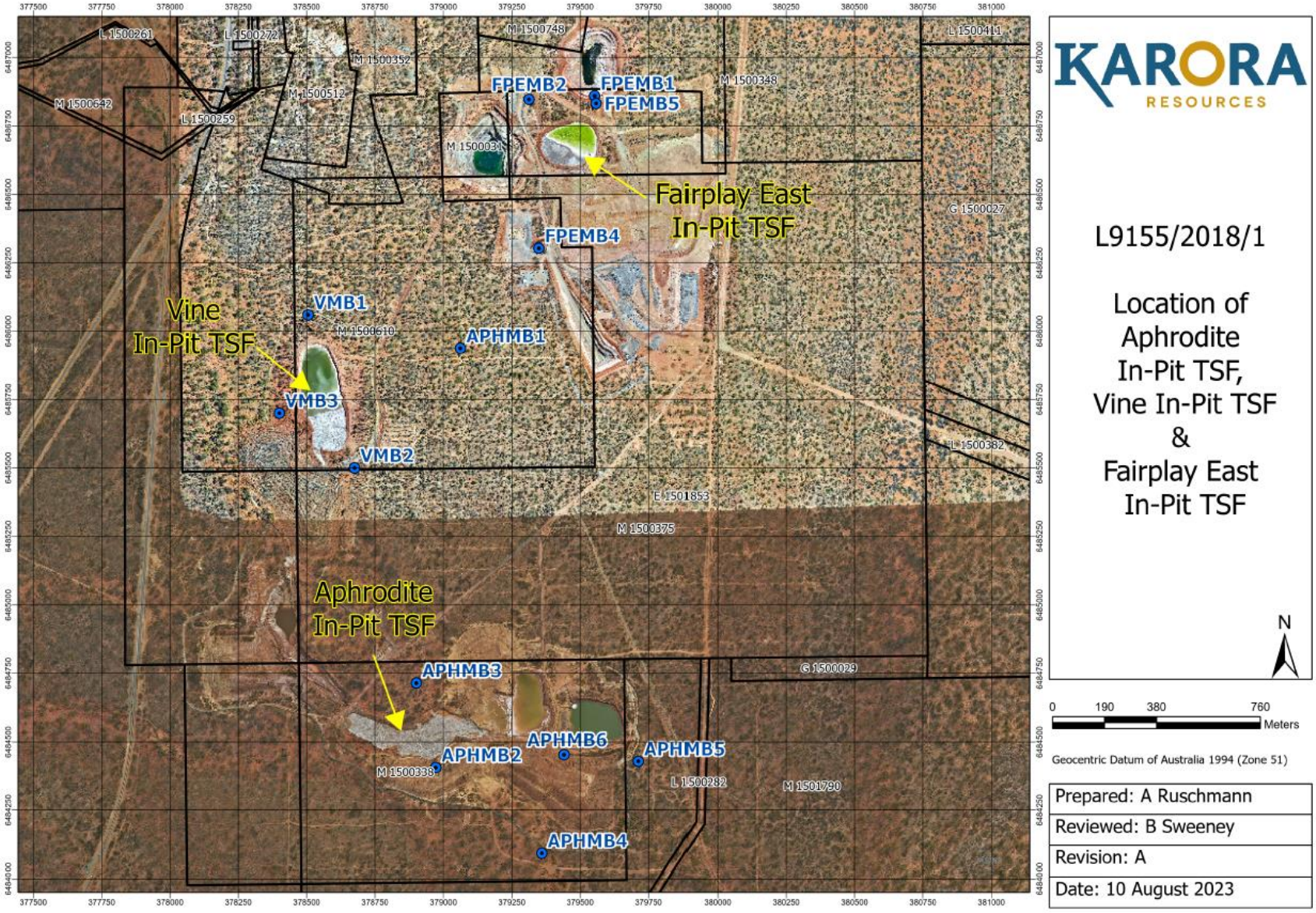


Figure 7: Location of in-pit TSFs and monitoring bores

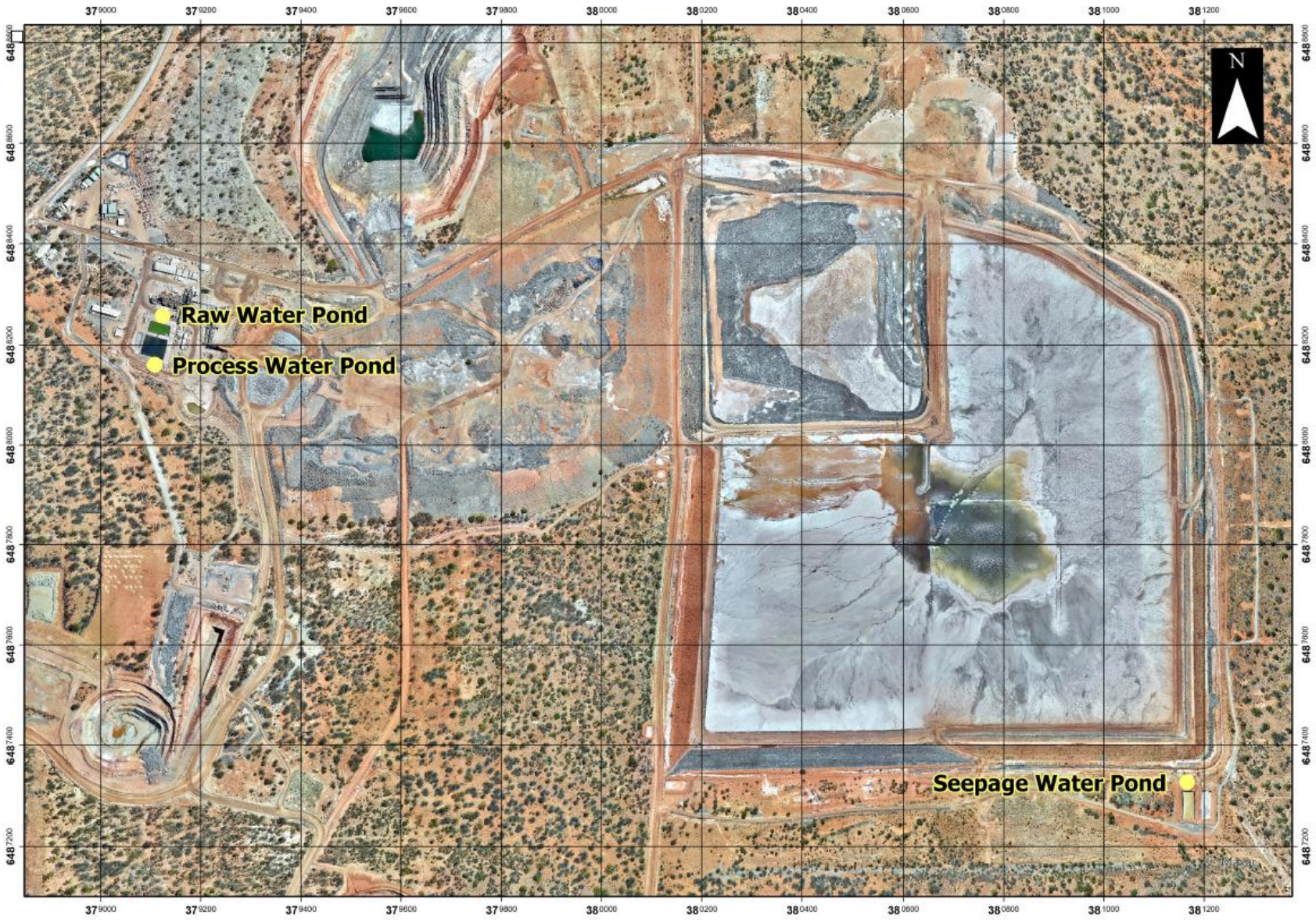


Figure 8: Location of process water ponds and paddock TSF

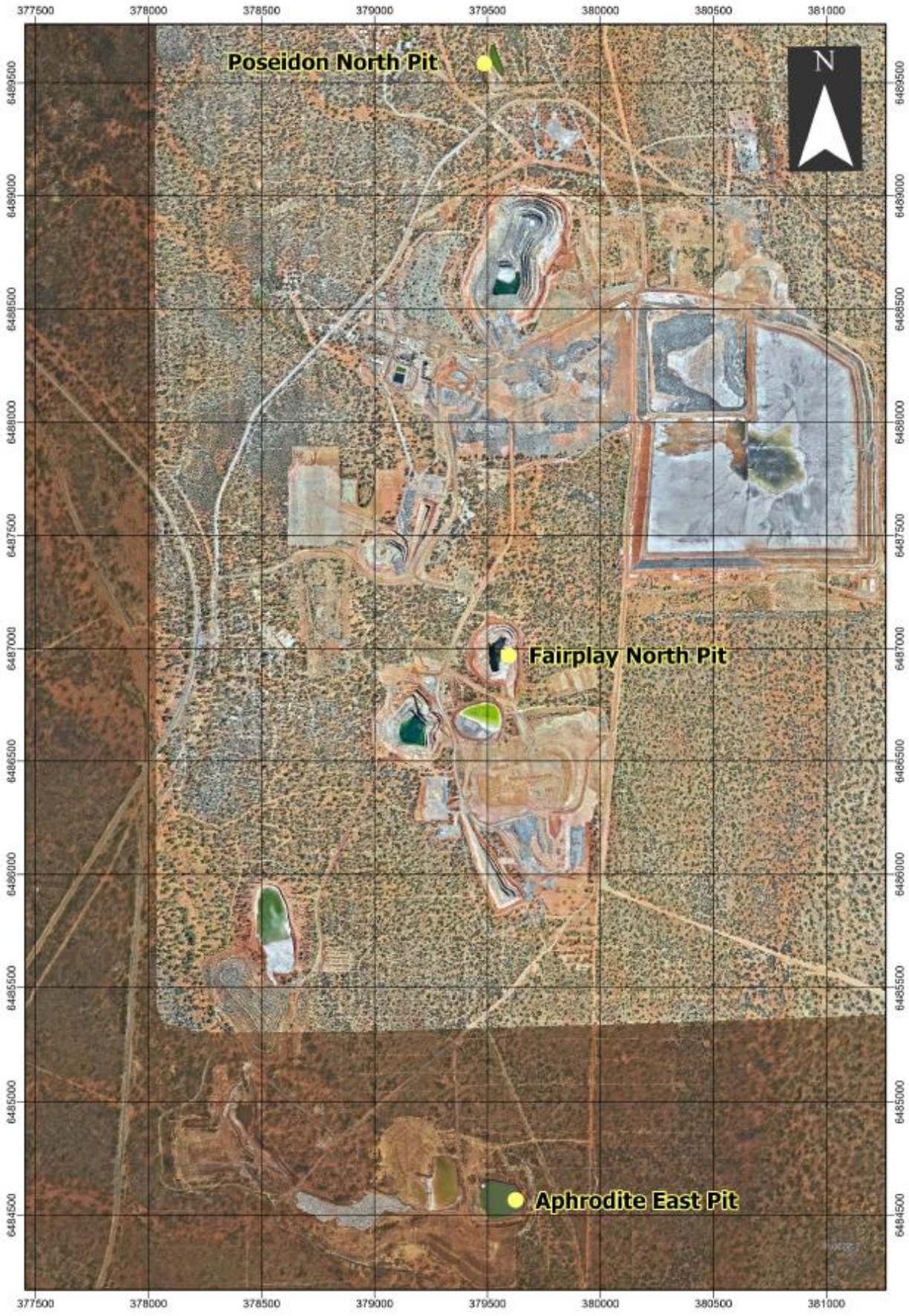


Figure 9: Discharge points to groundwater (G1, G2 and G3)

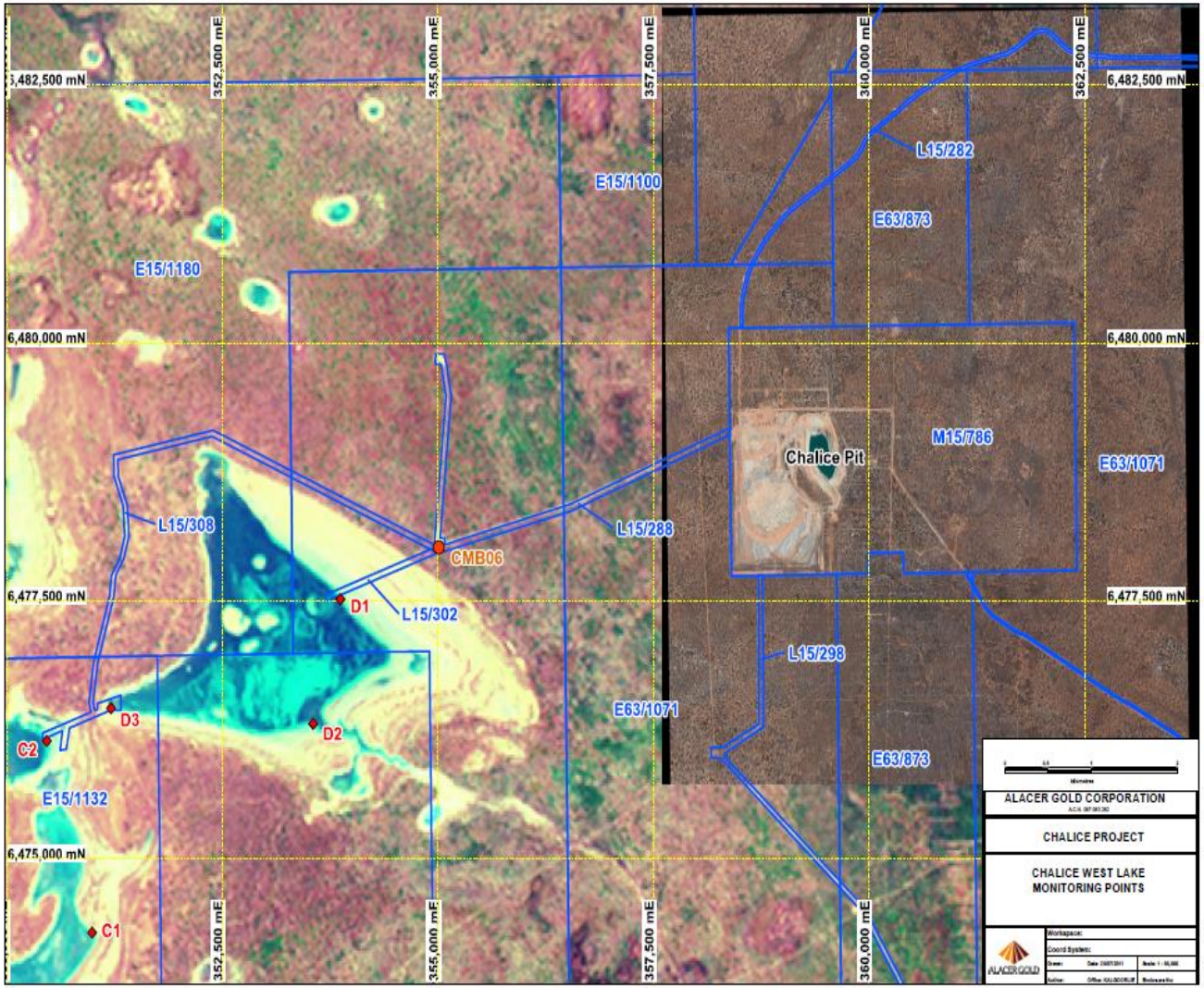


Figure 10: Locations of the Chalice West Lake monitoring points

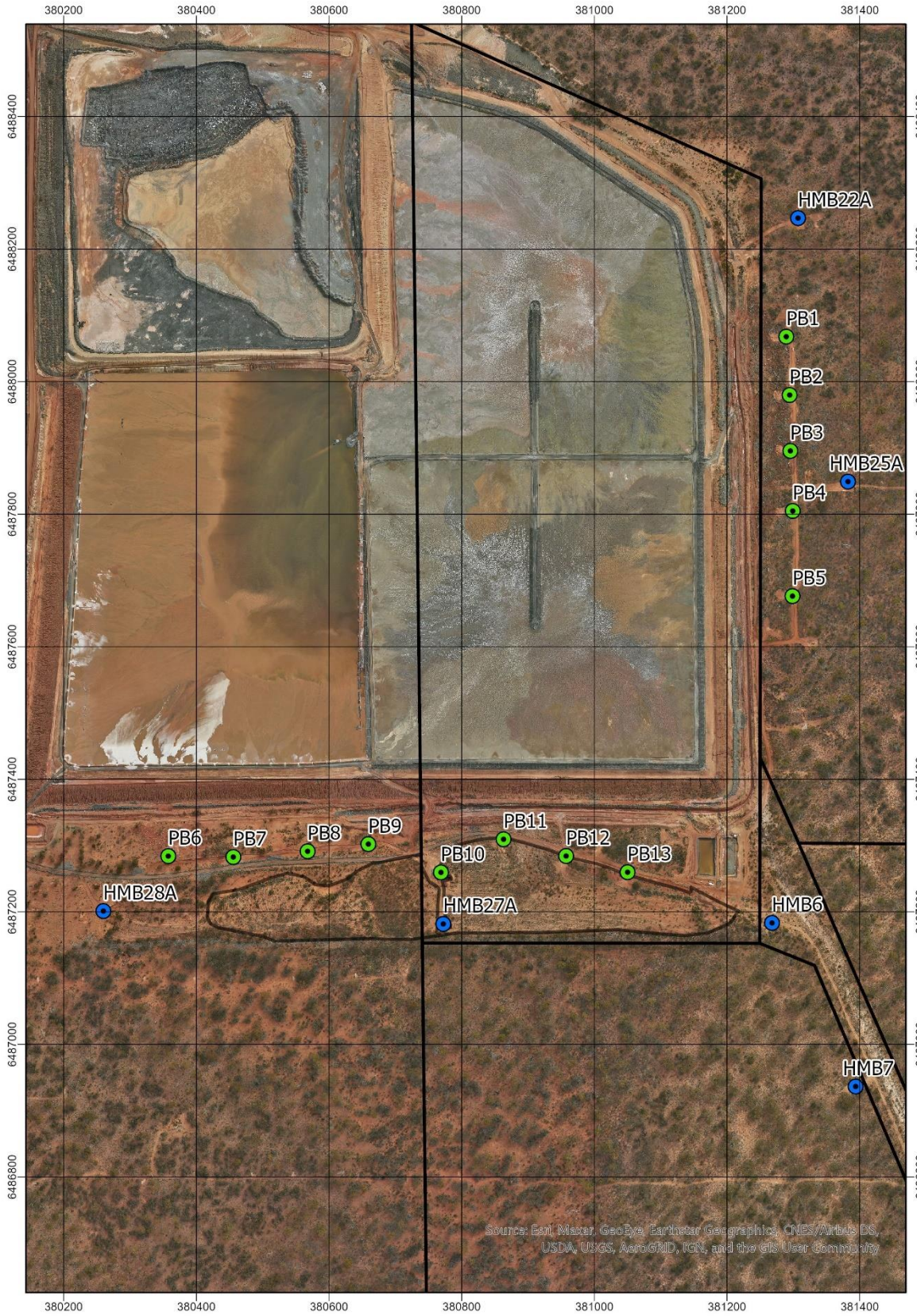


Figure 11: TSF 2-4 monitoring and recovery bores

Tailings Storage Facility 2-4

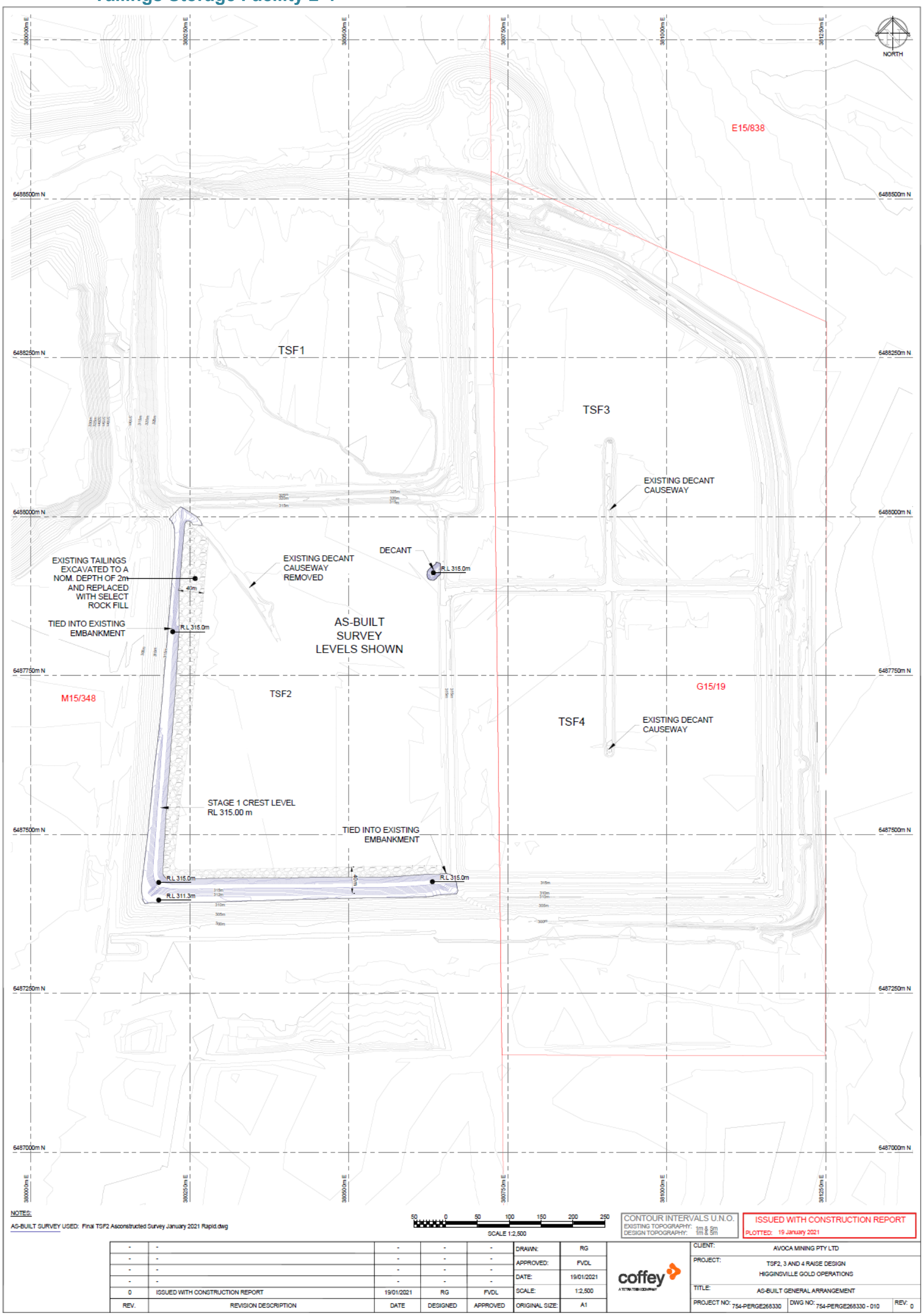


Figure 12: TSF 2-4 Stage 1 general arrangement (pre-amalgamation)

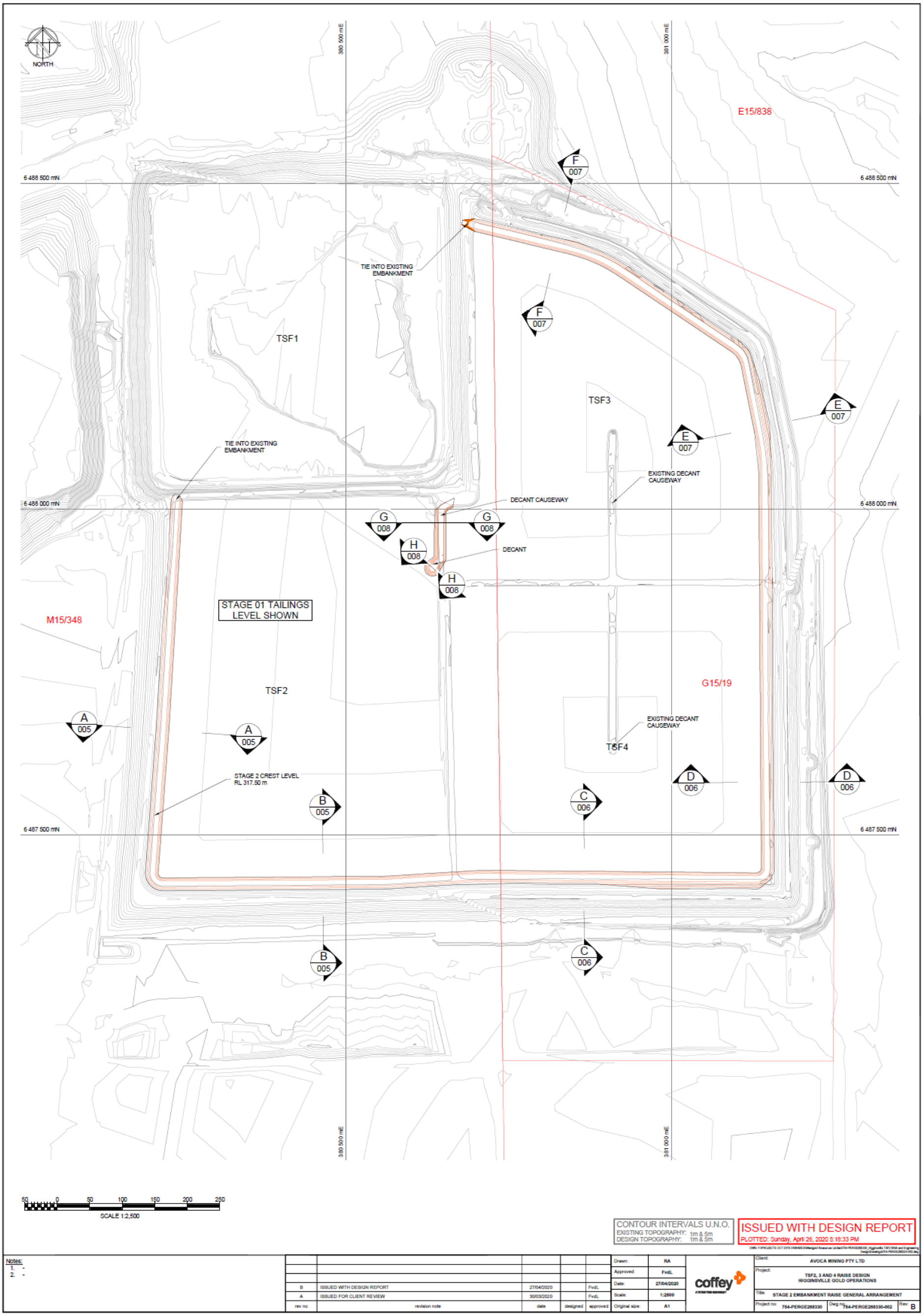
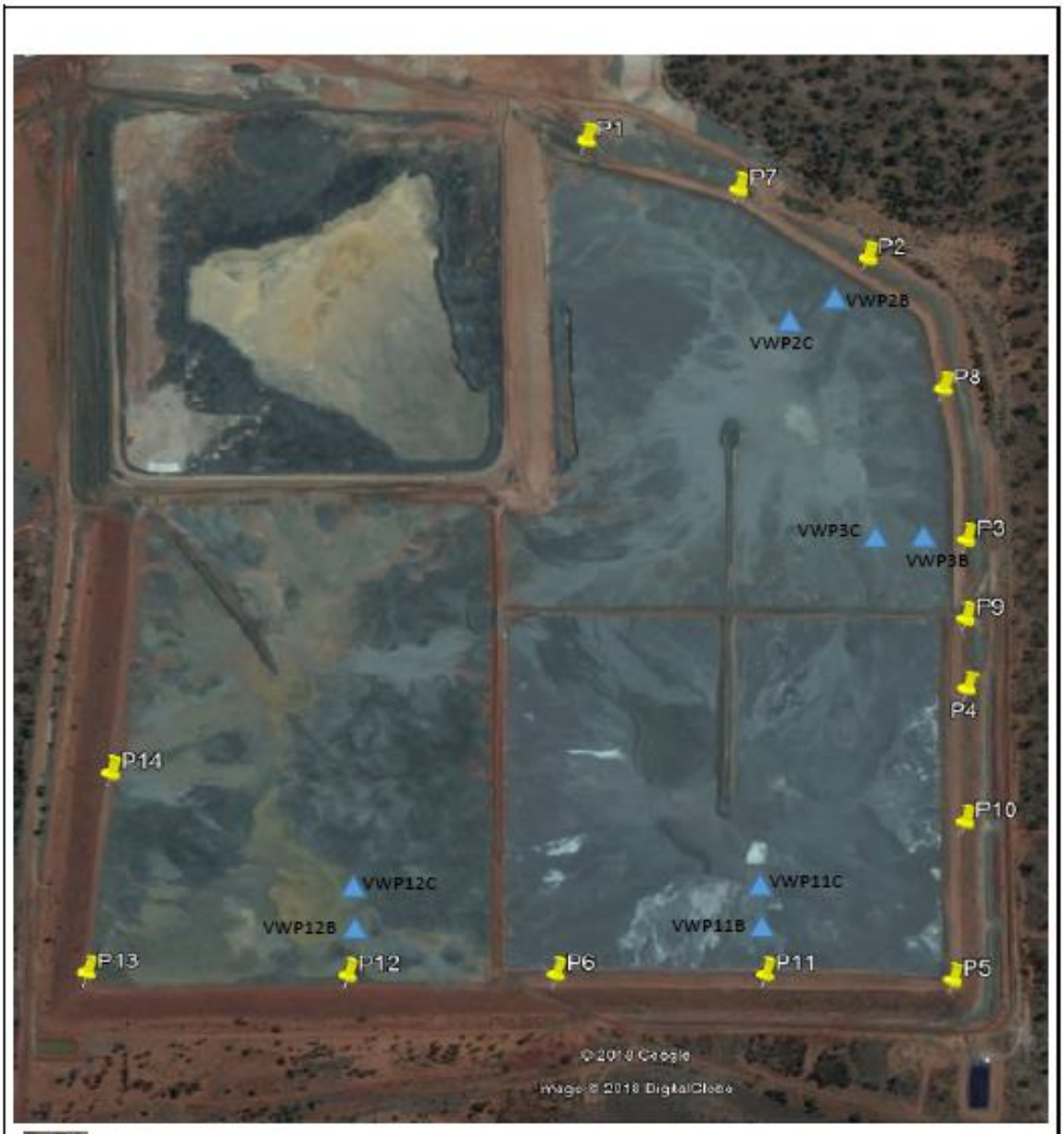


Figure 13: TSFs 2-4 Stage 3 amalgamated



Drawn	PCL	coffey A TETRA TECH COMPANY	Avoca Mining Pty Ltd - Higginsville Gold Operation
Approved	FvdL		Higginsville TSF2 WAA & Engineering Design
Date	3/10/20		Standpipe Piezometer and Additional Vibrating Wire Piezometer Locations
Scale	NTS		
Original Size	A4		754-PERGE268330 FIGURE 18 Rev:A

Figure 14: Standpipe Piezometer and Additional Vibrating Wire Piezometer Locations

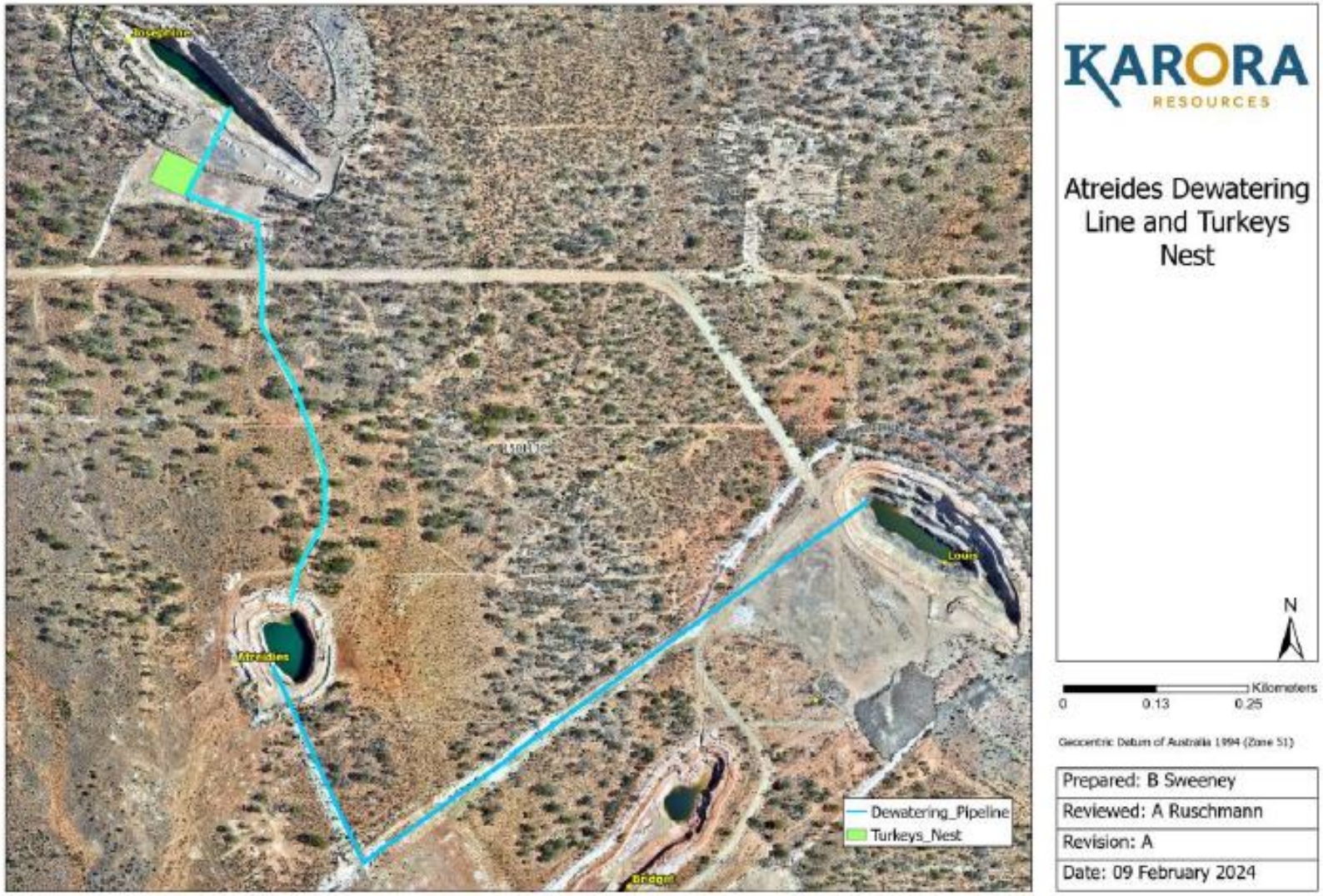


Figure 15: Atreides, Josephine (G6) and Louis pit (G5) and pipeline route

Schedule 2: Reporting & notification forms

These forms are provided for the proponent to report monitoring and other data required by the Licence. They can be requested in an electronic format.

Licence:	L9155/2018/1	Licence Holder:	Avoca Mining Pty Ltd
Form:	N1	Date of breach:	_____

Notification of detection of the breach of a limit or any failure or malfunction of any pollution control equipment or any incident which has caused, is causing or may cause pollution.

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence Number	
Name of operator	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	

Name	
Post	
Signature on behalf of Avoca Mining Pty Ltd	
Date	