EDINBURGH PARK EXPLORATION UPDATE

Highlights

- Edinburgh Park is a province scale project covering an area of approximately 1,560km^2 in northern Queensland, within a region known for large scale epithermal and intrusive related gold systems (IRGS), including Ravenswood (~10Moz), Mt Leyshon (+3Moz) and Mt Carlton (~2Moz)
- In 2023, G Ex Australia Pty Ltd, a wholly-owned subsidiary of Gold Fields Ltd (Gold Fields, GFI.NYSE), entered into a A$15M option and joint venture (JV) agreement with Great Southern Mining Ltd (ASX:GSN) to earn a 75% interest in the Edinburgh Park Project[1]
- Gold Fields completed the 2025 field season with six diamond holes drilled into three target areas, including Leichhardt Creek, Megan Views and Molongle
- Assays have been received for the first three holes drilled into the Leichhardt Creek target, and while no economic mineral concentrations were intercepted, extensive quartz-sulphide veining and intensity of hydrothermal alteration reinforce the prospectivity for IRGS in the north of the project area
- Assays remain pending for one hole drilled at the Megan Veins target and two holes drilled at the Molongle target
- Gold Fields has several high priority targets at the Edinburgh Park Project which are yet to be tested and diamond drilling is planned to recommence after the northern Queensland wet season (expected to be March-April 2026)
- The exciting Induced Polarisation (IP) anomaly at Mt Dillon will likely be the first target to be drill tested in 2026
- Geophysical and geochemical surveys are ongoing and have the potential to generate further IRGS drill targets
- Gold Fields expenditure to date has met the minimum A$2 million and is now earning up to 75% in the Project by spending A$15 million

GSN's Managing Director, Matthew Keane, commented:

"2026 is shaping up to be another exciting year for the Edinburgh Park JV. We are highly encouraged by the evidence of large-scale epithermal systems present in at least two of the target areas drilled to date. Multiple targets within Edinburgh Park display the attributes required for large-scale gold systems, including deep seated structures with pervasive hydrothermal alteration from surface and coincident geochemical anomalies.

"Gold Fields remain highly committed to the exploration of the project and both companies are eager to drill the Mt Dillon IP target. Given the scale of the project and the number of targets identified by both Great Southern and Gold Fields, exploration across this vast project is still in its infancy."

[1] Refer to GSN ASX announcement dated 9 October 2023.

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Province scale project with multiple targets, but limited drilling to date

Edinburgh Park is located in northern Queensland, approximately 100km southeast of the city of Townsville. The project encompasses an area of approximately 1,560km2 within a region known for large scale epithermal and intrusion related gold systems (IRGS), including Ravenswood (~10Moz), Mt Leyshon (+3Moz) and Mt Carlton (~2Moz) (Figure 1). The primary styles of mineralisation targeted in the project area include both high and low epithermal gold-silver systems within the Permian volcanic geology, as well as porphyry gold-copper-molybdenum and intrusion-related gold mineralisation within the basement Carboniferous geology.

Prior to the exploration conducted by Great Southern Mining Ltd and Gold Fields Ltd, there was very limited drilling data over this large project. Records show 715 holes located within or immediately adjacent to the project area, however 643 of these are shallow rotary air blast (RAB) holes drilled into the King Creek prospect in the south of the project. Over 90% of these holes were drilled to less than 10m depth. Both Gold Fields and GSN deem King Creek to be low priority target.

The project has been subject to several phases of surface geochemical and geophysical surveys which provided the basis for studies by Great Southern Mining to delineate up to 26 target areas2, prior to the signing of a earn-in agreement with Gold Fields.

Gold Fields commenced exploration in October 2023 following the signing of an Earn-in Joint Venture, whereby Gold Fields could spend up to A$15M to earn a 75% interest in the project. Initial works included detailed on-ground mapping, employing the services of highly respected porphyry/IRGS geologist Nick Tate, high resolution aeromagnetic surveys and on-ground induced polarization (IP) surveys. Significant IP chargeability and resistivity anomalies were defined at the Leichhardt Creek and Mt Dillon targets3.

Diamond drilling commenced in July 2025, with three holes (2208.4m) completed at the Leichhardt Creek target, two holes (498.1m) at the Molongle target and one hole (249.1m) at the Megan Veins target (Figure 2). The compelling Mt Dillon target is due to be diamond drilled in 2026.

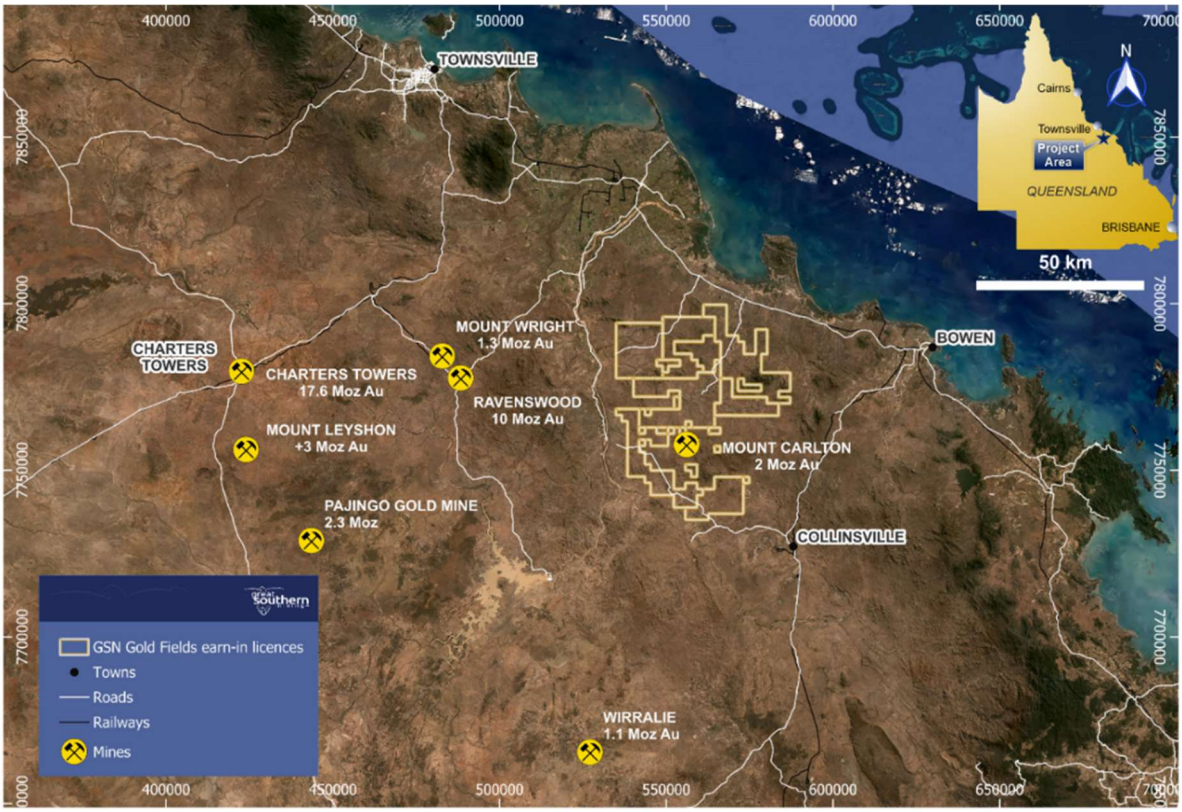

Figure 1. Map of the northern Queensland goldfields showing major deposits and Great Southern Mining's tenure.

[2] Refer to GSN ASX announcement dated 29 June 2023.

[3] Refer to GSN ASX announcements dated 12 November 2024 and 18 February 2025.

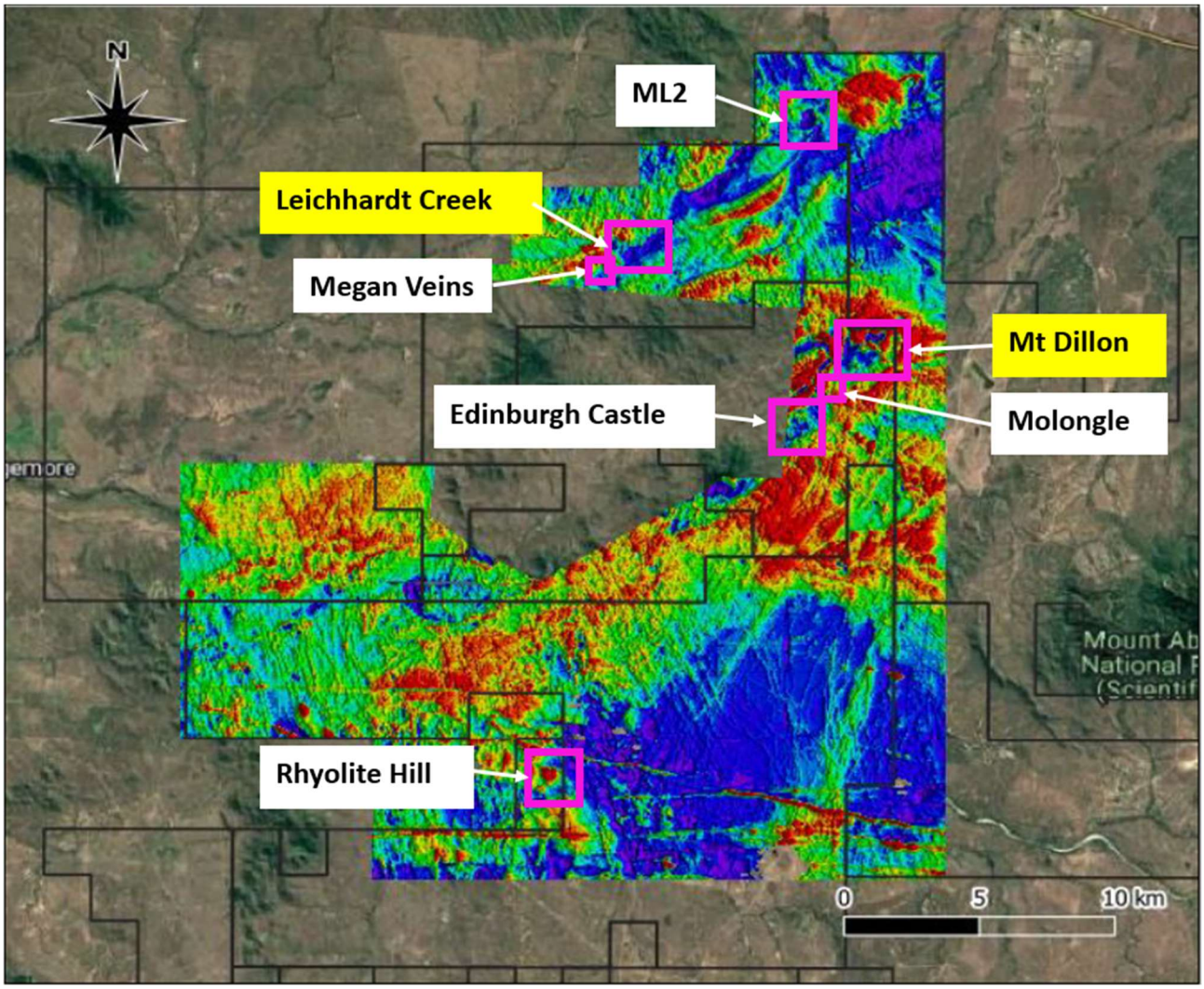

Figure 2. Map of northern licences at Edinburgh Park, over magnetic imagery, showing recently drilled targets and upcoming drill targets.

Diamond Drilling recommencing in 2026

Diamond drilling is due to recommence at Edinburgh Park after the north Queensland wet season, which typically abates in March-April. The first target will likely be the Mt Dillon IP anomaly which was not completed in 2025 due to access issues. Consequently, Gold Fields is investigating various options to drill the high priority chargeable IP anomaly. Conceptually, two holes have been planned, the first of which may be a low angle diamond hole (Figure 3).

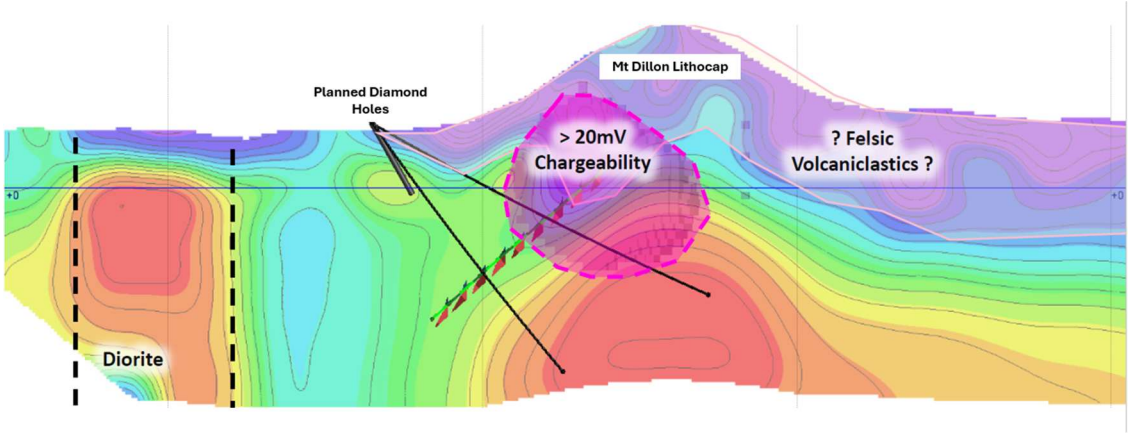

Figure 3. Schematic cross section of the Mt Dillon target showing proposed drill hole traces planned to intercept a >20mV chargeable IP anomaly.

Compelling IP target at Mt Dillon

Gradient array IP surveys conducted in early-2025 delineated a large-scale chargeability anomaly at the Mt Dillon target (Figure 3). Processing of a pole-dipole gradient array survey showed a chargeable anomaly directly below Mt Dillon, potentially indicating sulphide minerals associated within a preserved intrusive system. A 2D IP section line across the anomaly revealed a chargeable IP response approximately 200 to 300 metres below surface. A resistivity anomaly sits below the chargeable response, potentially associated with a zone of pervasive hydrothermal alteration within a porphyry system.

Mt Dillon is a prominent topographic feature preserved as a silicified lithocap. It comprises a sequence of volcanic rocks of the Lizzie Creek Volcanics. The area exhibits several square kilometres of advanced argillic alteration with depleted metal concentrations, features which are consistent with the leached lithocap portion of a large intrusive system. The Mt Dillon outlier area (lower topography) shows strong clay-pyrite-silica alteration with abundant sulphides (predominantly pyrite), typically 3% to 10%. The mapped surface mineral assemblage is consistent with a high temperature (>300ºC), low-pH hydrothermal system, typical for a high sulphidation epithermal environment.

Globally, several large-scale copper-gold deposits have been discovered below surface lithocaps. Examples include Quebradona in Columbia (AngloGold Ashanti, 4.26Mt copper and 7.0Moz gold contained), Valeriano in Chile (ATEX Resources, 7.1Mt copper and 9.6Moz gold contained) and the Lepanto epithermal and Far Southeast porphyry deposits in the Philippines (Lepanto Consolidated Mining, +20Moz gold and +4.5Mt copper contained).

Leichhardt Creek drilling

Three diamond holes were drilled into the Leichhardt Creek target. This target contains several outcrops of sheeted and stockwork quartz-pyrite veining over strike length of up to two kilometres. The first hole, EDDDAD00002 drilled to 998.1m, targeted a blind, coherent chargeability anomaly (>20mV/V), interpreted to have intrusive related gold (IRG) or porphyry copper-gold potential based upon modelled IP responses and associated clay-pyrite-silica alteration and pathfinder surface geochemistry (incorporating base metals, gold and molybdenum). While no economic metal accumulations were recorded from assays, the hole intercepted extensive quartz-pyrite veining and intense hydrothermal (phyllic) alteration. Weak Molybdenum veining was noted in the top of the hole. The chargeability response is interpreted to be related to weak porphyry-style veining and alteration at the top of the hole.

The second and third holes at Leichhardt Creek, EDDDAD00002 (399.9m) and EDDDAD00003 (810.4m) targeted a shallow chargeability anomaly (>50mV/V) (Figure 4) and an underlying resistivity anomaly interpreted to have IRG or porphyry copper-gold potential with clay-pyrite-siliceous alteration and pathfinder bismuth-copper and tungsten geochemical anomalism. Hole 3 also aimed to test an interpreted feeder structure/fault identified from aeromagnetic surveys. No economic metal concentrations were noted in assays from holes 2 and 3. Hole 2 intercepted weak porphyry-style veining and alteration with extensive sulphides and moderate phyllic alteration (quartz-pyrite-sericite) within the granite host. Hole 3 also intercepted weak porphyry mineralisation, consistent with holes 1 and 2, with chlorite and carbonate veining indicating epithermal overprinting (Figure 5). A thin vein (0.5m) at 579.7m downhole in hole 3 recorded elevated base metals with 278g/t Ag, 0.91% Cu and 8.7% Zn+Pb (Figure 6).

Pyrite, being an indicator mineral will not be assayed. Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates provide no information regarding impurities or deleterious physical properties relevant to valuations.

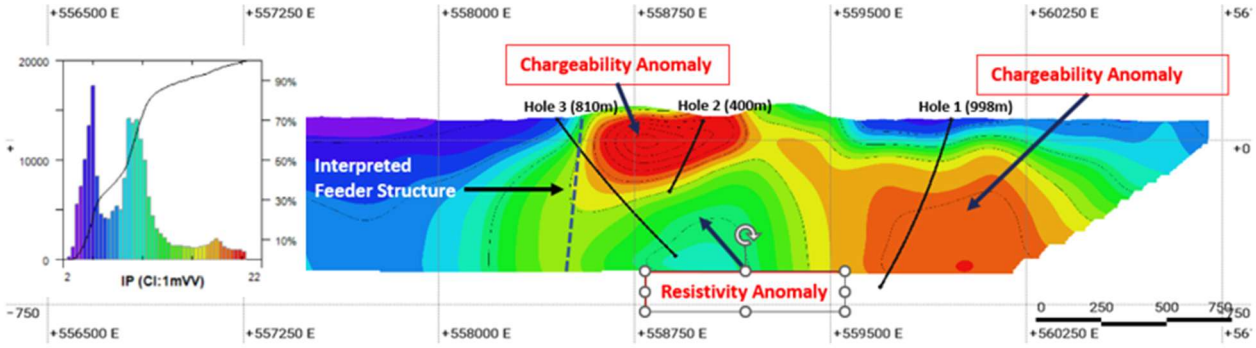

Figure 4. Schematic section through Leichhardt Creek showing the drill traces and IP anomaly targets for holes EDDDAD00001, EDDDAD00002 and EDDDAD00003.

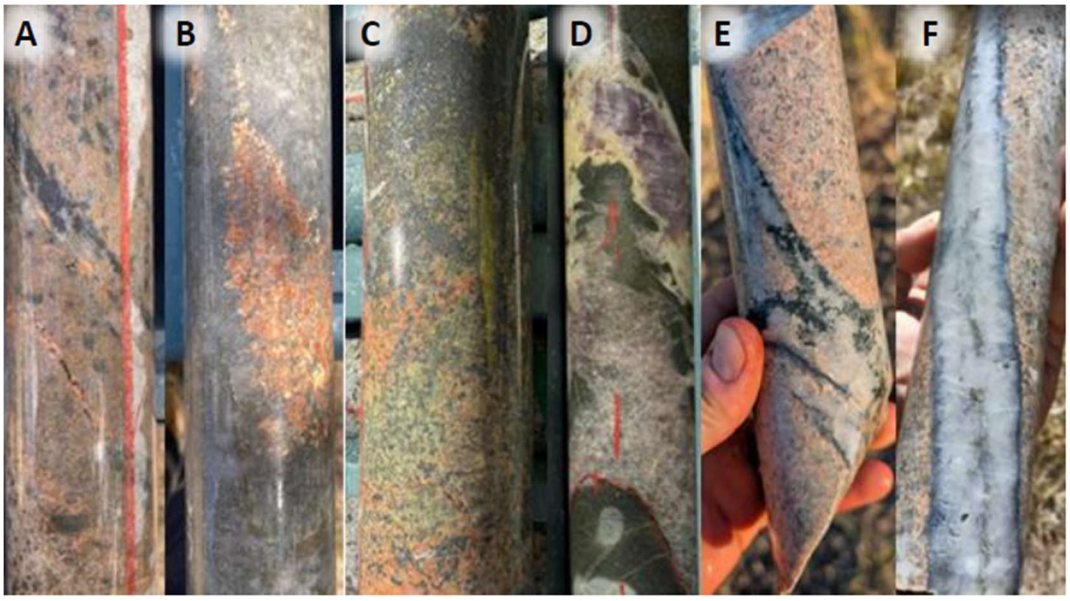

Figure 5. Core photos from holes EDDDAD00001, EDDDAD00002 and EDDDAD00003 drilled into the Leichhardt Creek target. A: Quartz-magnetite vein. B: Phyllic pyrite-sericite vein and salvage. C: Epidote, hematite, galena, chalcopyrite mineralisation. D: Anhydrite-fluorite mineralisation E: Molybdenite vein. F: B-Vein with molybdenite.[4]

Figure 6. Thin vein from diamond hole EDDDAD00003 at 579.7m downhole containing elevated base metals with 278g/t Ag, 0.91% Cu and 8.7% Zn+Pb.

[4] Pyrite, being an indicator mineral will not be assayed. Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates provide no information regarding impurities or deleterious physical properties relevant to valuations.

Molongle Target

Molongle was identified as a high priority target by GSN. This prospect contains a ~700m by 150m zone of outcropping epithermal style veined hydrothermal breccias where surface rock chips taken by GSN graded up to 5.27 g/t gold[5]. Historical shallow drilling conducted by Ashton Mining in 1989 included intervals of 24m at 0.36 g/t gold from surface and 18m at 0.34 g/t gold from 12m.

Outcropping geology at Molongle contains brecciated volcaniclastic overprinted with advanced argillic alteration. Alteration intensity increases west to east, progressing from illite–dickite to dickite–pyropholite assemblages (Figure 7). These alteration assemblages are indicative of an intermediate epithermal system.

Two diamond holes for 498.1m) were drilled into the Molongle target and assays remain pending, expected to be received and interpreted late-January to early-February 2026.

Figure 7. Photos of highly altered outcrop from the Molongle target area, indicative of an intermediate epithermal system. Left: Examples of dickite-silica alteration Right: breccia with pyrophyllite alteration.

Megan Veins target

A single 249.1m diamond hole (EDDDAD00004) was drilled into the Megan Veins target located to the southwest of Leichhardt Creek (see Figure 2). This area contains a mapped laminated vein system hosted in diorite, exposed intermittently in outcrop (Figure 8). Veins show Au-Ag-base metal enrichment with copper oxides, galena, sphalerite, and pyrite also observed. Rock chips up to 10.55 g/t Au have been collected from this area[6]. This area contains some of the strongest argillic alteration, around the greater Leichhardt Creek area. The interpreted target is a gold-silver late-stage epithermal system, or a distal expression of a porphyry system. Assays are pending for the hole and expected late-January to early-February 2026.

[5] Refer to GSN ASX announcement dated 29 June 2023.

[6] Refer to GSN ASX announcement dated 14 February 2019.

Figure 8. Photos of outcrop at the Megan Veins target area. Left: laminated quartz veins in outcrop. Right: Strongly hydrothermally altered dolerite in outcrop.

Further target generation

Gold Fields is planning further geophysical surveys in the coming year. This will likely include an IP survey over the Rhyolite Hill target located approximately 20km southwest of Molongle (see Figure 2). Rhyolite Hill contains a prominent circular aeromagnetic high feature with anomalous base metal pathfinder elements detected from historic surface geochemical surveys. A Heritage Protection Agreement with the Biriah traditional owners will be required prior to any drilling of the target. Discussions are in progress with the Birriah.

An extensive geochemical survey incorporating soil sampling and rock chipping is nearing completion incorporating the Mt Dillon, Molongle and Edinburgh Castle target areas (~10.5km by 2.5km). This survey will test a major structural trend, identified as a magnetic low from detailed aeromagnetic surveys (refer to Figure 2 and Figure 9).

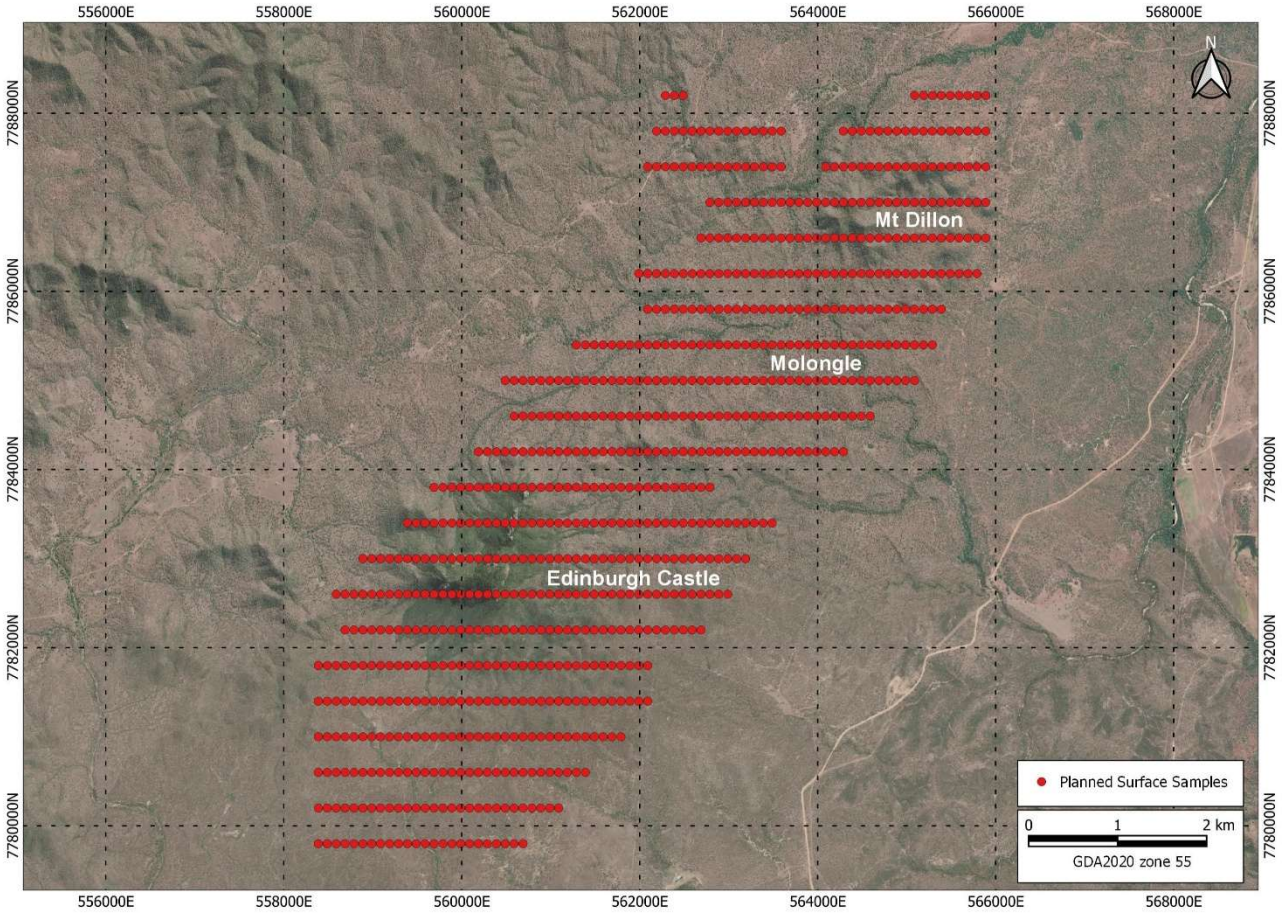

Figure 9. Extensive surface geochemical survey of ASD rock chipping and soil sampling currently underway from the Mt Dillon to Edinburgh Castle targets.

Gold Fields Ltd earn-in agreement

In October 2023, the Company entered into a binding Option and Joint Venture Agreement with G Ex Australia Pty Ltd, a wholly-owned subsidiary of Gold Fields Ltd (Gold Fields), on the Edinburgh Park Project. Under the agreement, Gold Fields can sole fund up to A$15 million exploration expenditure over a six-year period to earn a 75% interest in the project. To the end of 2026, Gold Fields had expended approximately A$7 million on exploration at Edinburgh Park. This means that Gold Fields has met its minimum expenditure commitment of A$2 million within the first two years of the option agreement period.

Table 1 – Recent Diamond Drillhole locations at Edinburgh Park Project

Drillhole	Easting (MGA94 z51)	Northing (MGA94 z51)	RL	Azimuth	Dip	Depth
EDDDAD00001	559959.3392	7794234.78	95.52	200.32	-54.82	998.18
EDDDAD00002	558995.6588	7793672.655	86.39	208.82	-55.08	399.9
EDDDAD00003	558454.4041	7793249.291	98.6	60.28	-54.19	810.4

About Great Southern Mining

Great Southern Mining Limited is a leading Australian listed exploration company. With significant land holdings in the world-renowned mining districts of Laverton in Western Australia and the northern Queensland gold fields, all projects are located within 40km of operating mills and major operations.

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The release of this ASX announcement was authorised by the Managing Director on behalf of the Board of Directors of the Company.

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Competent Person's Statement

The information in this report that relates to exploration results at the Duketon Gold Project is based on, and fairly represents, information and supporting documentation compiled and/or reviewed by Mr Matthew McCarthy. Mr McCarthy is an employee of Great Southern Mining Limited. He has sufficient experience relevant to the assessment and of this style of mineralisation to qualify as a Competent Person as defined by the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code (2012)". Mr McCarthy consents to the inclusion in this report of the matters based on the information in the form and context in which they appear.

Forward Looking Statements

Forward- looking statements are only predictions and are not guaranteed. They are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of the Company. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. The occurrence of events in the future are subject to risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements to differ from those referred to in this announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward- looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, the Company, its directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will occur as contemplated.

JORC Code, 2012 Edition – Table 1 report template

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	*JORC Code explanation*	*Commentary*

Sampling techniques	• Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.
	• Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.
	• Aspects of the determination of mineralisation that are Material to the Public Report.
	• In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.
		• The IP survey was conducted by Planetary Geophysics Pty Ltd with the following specifications:
		  • **Gradient Array** IP/Resistivity data was acquired with an Iris Elrec 10 channel IP/Resistivity Receiver.
		  • **Pole-dipole** IP/Resistivity time series data was acquired with V-Full Waver IP/Resistivity Receivers in a distributed pole-dipole array and with the I-Full Waver Current Recorder recording full wave form transmission data.
		  • All Receivers and the full wave form Current Recorder are manufactured by Iris Instruments of Orleans, France.
		  • **Gradient Array** current injection was via one (1x) **TIP6000 15 A** transmitter manufactured by Iris instruments, Orléans, France.
		  • **Pole-dipole** current in injection was via one (1x) **GDD TX4 5000 W/20 A** transmitter manufactured by GDD instrumentation of Quebec, Canada.
		  • Both transmitters were powered by one (1x) Kubota 9000 W Diesel Generator.
		• **PARAMETERS**
		  • **GRADIENT ARRAY DATA ACQUSITION**
		  ○ **Tx Electrode Type: Welded Mesh**
		  ○ **Rx Electrode Type: CuSO4 Non-polarising porous pot**
		  ○ **Tx wire Type: 2.5 mm Cu conductor**
		  ○ **Rx wire Type: 1.5 mm Cu conductor**
		  ○ **Rx Line spacing: 200 m**
		  ○ **Rx Dipole spacing: 50 m.**
		  ○ **Time Base: 2 s ON/2 s OFF**
		  ○ **Windows: 20**
		  ○ **Timing Windows (m s): 20/20/20/20/40/40/40/40/80/80 /80/80 / 120/120/120/120/180/180/180/**

Criteria	JORC Code explanation	Commentary

180
- **mDelay (m s): 70**

- **POLE-DIPOLE DATA ACQUISITION**
  - **Tx Electrode Type:** 10 mm welded mesh (CA) Stainless Steel Stakes (CB- Mobile)
  - **Rx Electrode Type:** CuSO4 Non-polarising porous pot
  - **Tx wire Type: 2.5 mm Cu conductor**
  - **Rx wire Type: 1.5 mm Cu conductor**
  - **Rx Dipole spacing: 50 m.**
  - **Time Base: 2 s ON/2s OFF**
  - **Windows: 20**
  - **Timing Windows (ms): 20/20/20/20/40/40/40/40/80/80/80/80 / 120/120/120/120/180/180/180/180**
  - **mDelay (m s): 70**

- **INSTRUMENT TECHNICAL SPECIFICATIONS**
  - **<u>Receivers:</u>**
  - **Iris V-Fullwaver Receiver**
    - **Channels:** 2
    - **Input voltage:** Max. input voltage: 15 V, Protection: up to 1000 V
    - **Voltage measurement:** Accuracy: 0.2%, typical Resolution: 1 µV, Minimum value: 1 µV
    - **Input impedance:** 100 MΩ
    - **Signal waveform:** All IP measurements were made in the time-domain using a two second half-duty cycle (2 s ON/2 s OFF). An integration window of 0.5 to 1.1 seconds has been used for the final chargeability calculation.
    - GPS input for coordinates and synchronisation
    - Computation of apparent resistivity, average chargeability, and standard deviation
    - **Noise reduction:** read duration manually selected in relation to apparent injection point current (mA) and power

Criteria	JORC Code explanation	Commentary

line rejection, SP linear drift correction.

- **Iris I-Fullwaver Current Recorder**
  - **Input current:** +/- 25000 mA (optional 6, 15 or 50 A)
  - **Resolution / Accuracy:** 0.1 mA / 0.1%
  - **GPS:** GPS input for coordinates and time synchronisation. Time stamps record within an absolute accuracy of 250 us.
  - **Readings:** current value
  - Typically three (3x), 300 second (~75x cycle stacks) reads at each injection point.
- **Iris Elrec-Pro 10 Ch Receiver**
  - **Pulse duration:** 1s, 2s, 4s, or 8s
  - **Channels:**10 true differential inputs
  - **Input Impedance:** 100 MOhms
  - **Input Voltage:**15 V, automatic gain, input protection 1000 V
  - 1 µV / 0.2%
  - **Resolution / Accuracy:**
  - **GPS:** GPS input for coordinates, and synchronisation
  - **Readings:** Resistivity, Self-potential, Induced polarisation (Up to 20 windows), Quality control, and optional full waveform
  - **Noise Rejection:** power line rejection, SP linear drift correction.
  - **Storage:** 44800 readings, up to 8 hours full waveform, stored on solid state memory

- **<u>Transmitters:</u>**
  - **Iris TIP 6000 Transmitter**
    - **Output Power:** 0 to 6000 W
    - **Output Voltage Range:** 0 to 6000V
    - **Output Current:** regulated 0 – 15000 mA 1 mA / 1%
    - **Frequency option:** 0.0625 Hz to 4 Hz by factors of 2
    - **Input voltage:** 240 V 50 Hz
    - **Timing:** 2 s
  - **GDD TX IV 5000 Transmitter**

Criteria	JORC Code explanation	Commentary
		○ **Output Power:** 0 to 5000 W ○ **Input voltage:** Standard 240 V 50 Hz ○ **Output Voltage Range:** 150 V to 2400 V ○ **Output Current:** 30 mA to 20000 mA ○ **Transmission Cycle:** ON+, OFF, ON-, OFF: ○ **Timing:** 2 s
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	• Diamond from surface, HQ and NQ, standard tube, diamond from surface (no tail), standard bit, orientated using IMDEX ACT III™ orientation tool.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	• Diamond inner tube with lifter. Sample recovery measured with a ruler and recorded in database. >95% recovery recorded for all holes. No relationship between recovery and grade. No sample bias has occurred due to preferential loss/gain.
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. • The total length and percentage of the relevant intersections logged.	• Core was geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation and mining studies. No metallurgical sampling was undertaken. Logging was quantitative. Core was photographed one tray at a time (approximately 4-5m. Core was 100% logged, via niche logging at geological intervals.
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being	• Core was half-cored, cut using a CoreWise automated core saw. Minimum sample length of 20cm, maximum sample length of 120cm. No duplicate or second-half sampling occurred.

Criteria	JORC Code explanation	Commentary
	sampled.	
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. • Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	• Refer to sampling techniques referred to for survey specifications. • Field QAQC was completed by Planetary Geophysics staff: refer to survey specifications. • All samples analysed through ALS Townsville using the following methods: ME-MS61L Super Trace Lowest DL 4A by ICP-MS; Hg-MS42 Trace Mg by ICPMS Au-ICP22 Au 50g FA ICP-AES finish; ME-MS85 Lithium Borate Fusion; TRSPEC-20 Spectral Scan VNIR and SWIR • Coarse Standards and blanks inserted every 20 samples with lab crushed duplicate every 20m. • CRMs used: G316-3 (GeoStats); (OREAS 507B); (OREAS 601D); (OREAS 60e) and (OREAS C27h).
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	• Data is entered directly into acQuire Database.
Location of data points	• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. • Specification of the grid system used. • Quality and adequacy of topographic control.	• Lines were gridded by Planetary Geophysics using a Garmin Map 65 series GPS. • Waypoints were recorded at every station using the in GDA94/UTM. • Drill hole collar coordinates were recorded using a handheld GPS. Downhole survey using OMNIx™38 - North seeking and all-attitude continuous gyro. MGA2020 grid
Data spacing and distribution	• Data spacing for reporting of Exploration Results. • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied.	• The survey spacing is considered adequate. Line spacing for IP lines was 100 m, with transmitters being ~1500 m apart along the centre line of the block. 16 blocks planned and one not captured due to difficult terrain. • Not applicable for drilling referenced in the report
Orientation of data in relation to geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. • If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to	• The orientation of the IP lines was east to west. No bias is expected. • No mineralised structures intersected to create orientation bias

Criteria	JORC Code explanation	Commentary
	have introduced a sampling bias, this should be assessed and reported if material.	
Sample security	• The measures taken to ensure sample security.	• Core was processed on site. After processing, samples were trucked by Gold Fields to Townsville where they were cut and sampled under Gold Fields Supervision. Once a hole was cut, Gold Fields transported the samples to ALS Townsville for analysis.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• No additional audits or reviews have been conducted to date.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. • The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• Tenements EPM's 18986, 25196, 26527, 26810, 27130, 27131, 27450, 27506 and 27944 were granted in the name of Great Southern Mining Limited. These tenements are in good standing. GSN entered into a binding Option and Joint Venture Agreement with G Ex Australia Pty Ltd, a wholly owned subsidiary of Gold Fields Ltd ("Gold Fields"), in October 2023.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	• Relevant exploration done by other parties are outlined in the body of this report or previous GSN ASX announcements.
Geology	• Deposit type, geological setting and style of mineralisation.	• The majority of the areas are underlain by granitoids that probably belong to the Carboniferous-Permian Coast Range Igneous Province. The two dominant units are a medium grained biotite monzogranite (Molongle Creek Granite?) and a fine to medium grained hornblende biotite diorite (unnamed?). Smaller volumes of microgranite and granophyre may represent intrusive plugs or fractionated marginal phases of the larger granitoid bodies. The granophyric plugs and surrounding microgranites contain some porphyry style mineralisation. A few outliers of intermediate to acid pyroclastic and volcanoclastic rocks overly the granitoids. These rocks are probably part of the Permo-Triassic Lizzie Creek Volcanics. The volcanic areas are generally much smaller than indicated on the published government maps except near the south and west margins of the mapped area where volcanics are dominant. Epithermal mineralisation systems at Molongle and Mount Dillon occur within outliers of these volcanics. Swarms of Syenite, rhyolite and

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		microdiorite/dolerite dykes intrude the granitoids and the volcanics. Hence, they are probably Triassic or younger in age. There are at least two series of microdiorite dykes. The most voluminous series is the youngest and appears to cut all other types of dyke and most of the mineralisation. Most of the dykes have NNW to N strikes and steep easterly dips. Rare microdiorite dykes were mapped with E strikes. Many of the mapped zones of mineralisation and alteration also trend NNW, suggesting that the dykes and hydrothermal fluids have accessed long lived structures in this orientation. The topography closely reflects geology. Large flat areas covered with alluvium or sheet wash are typically underlain by medium grained unaltered granitoids. Outcrops can still be found in deeply incised creeks. Higher ground is usually occupied by microgranites and altered volcanics. Outcrop is relatively good in these areas, but altered zones and dykes are often prominent. Creek lines in these areas tend to be occupied by unaltered rocks.
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: ○ easting and northing of the drill hole collar ○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar ○ dip and azimuth of the hole ○ down hole length and interception depth ○ hole length. • If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	• EDDDAD00001, 559959.3392E, 7794234.78N, 95.52 RL, Azi 200.32°, Dip -54.82°, Depth 998.18m • EDDDAD00002, 558995.6588E, 7793672.655N, 86.39 RL, Azi 208.82°, Dip -55.08°, Depth 399.9m • EDDDAD00003, 558454.4041E, 7793249.291N, 98.6 RL, Azi 60.28°, Dip 54.19°, Depth 810.4m
Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	• Not applicable

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	• The assumptions used for any reporting of metal equivalent values should be clearly stated.	
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	• Not applicable
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	• Refer to Figures in this report.
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	• The reporting is balanced.
Other substantive exploration data	• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• All material information has been disclosed.
Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• Drilling of additional targets identified from geological interpretation and the IP survey is planned for 2026, most likely using diamond drilling.