

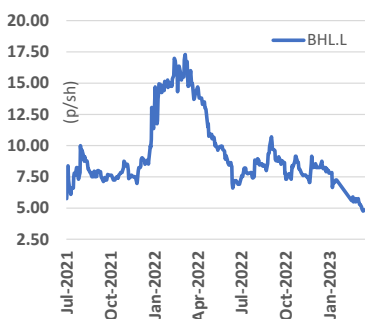
5th April 2023

Sector: Mining

Diversified lithium assets in the US, having all three common mineralised lithium style deposits within its portfolio.

Market

Markets	AIM/TSX/OTCQB
Tickers	BHL/BHLI/BHLIF
Price (p/sh)	4.85
12m High (p/sh)	15.0
12m Low (p/sh)	4.75
Ordinary shares (m)	390.6
Market Cap (£m)	17.5



Source: Alpha

Description

Bradda Head has exposure to sedimentary, pegmatite and brine lithium assets located in Arizona and Nevada. Bradda Head aims to develop assets to support the growing requirement for US-based lithium.

www.braddaheadltd.com

Board

Non-Exec Chairman	Ian Stalker
CEO	Charles FitzRoy
COO	Jim Guillinger
CFO	Denham Eke
NED	Jim Mellon
I-NED	Euan Jenkins
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San Domingo drilling continues to hit the mark

The second round of assay results from the Phase 1+2 drilling at Bradda's San Domingo pegmatite project in Arizona has returned further high-grade lithium pegmatite intersections from shallow depth at multiple locations. These good results expand on the encouraging intersections initially reported in early February and extend high-grade lithium mineralisation in both the Northern (Phase 1) and Central Claim blocks (Phase 2). Drilling is now complete and based on this success, Bradda is planning a larger 10,000m Phase 3 drill programme due to start in H2 2023.

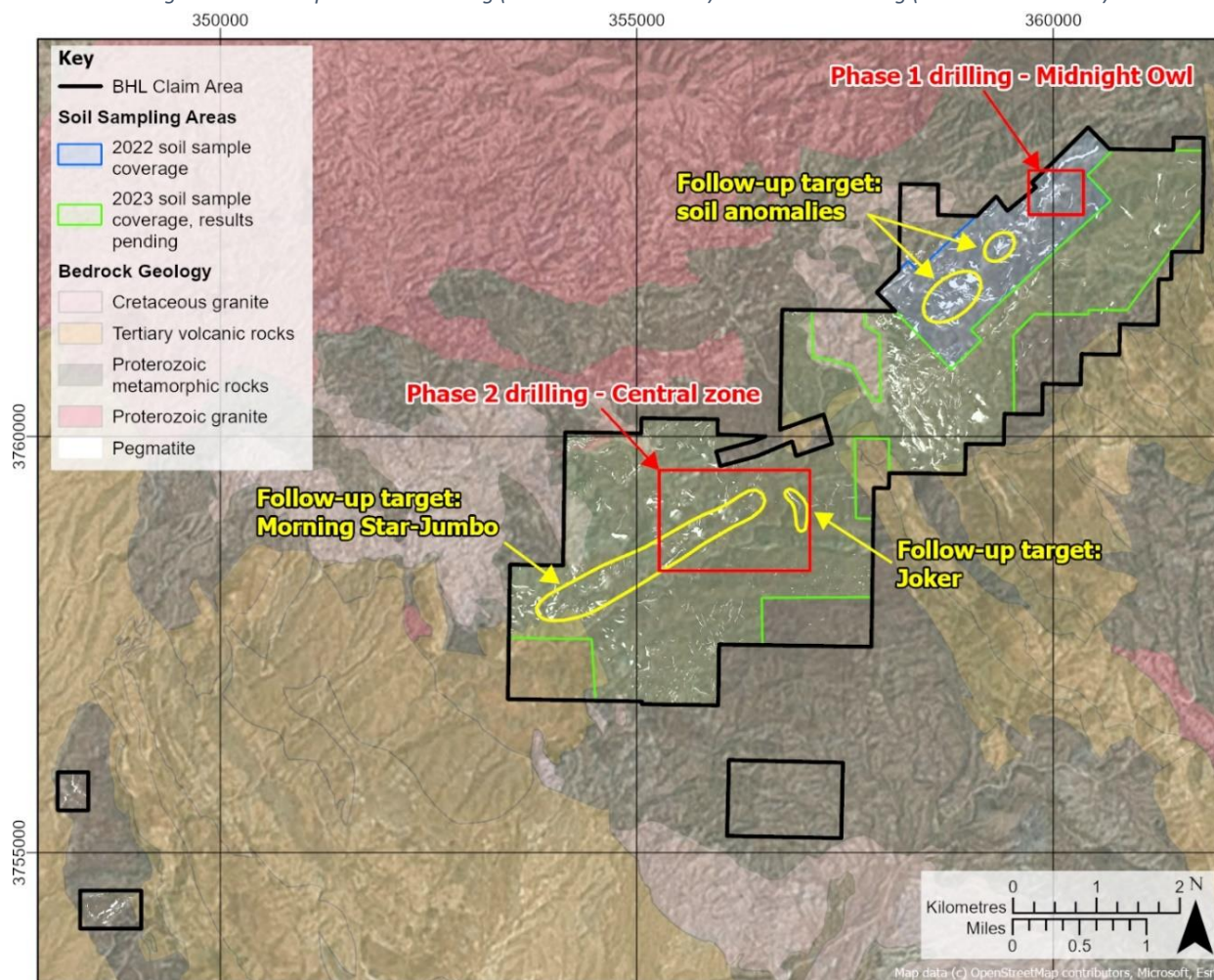
- ▶ **Drill update.** The drill results reported (27-3-2023) represent the second tranche of assay results from Bradda's Phase 1+2 drill programme at San Domingo. Out of the planned 7,000m diamond programme, 7,300m (46 holes) of drilling was completed. Assays from 38 holes have now been received with the remaining assays pending. The Phase 1 programme focused on the Northern Claim Block (February assays which included 31.85m at 1.6% Li₂O) with Phase 2 moving into the Central Claim block and the results reported here cover both claim blocks. The drilling was designed to test pegmatites at depth, following up on positive results from 3D mapping, geophysics, geochemistry and the identification of lithium-bearing pegmatite outcrops at surface.
- ▶ **Highlights so far.** Bradda reports that lithium-bearing minerals (mainly spodumene and some lepidolite) were observed in 60% of holes drilled to date. Whilst extending the scope of mineralisation in the northern claim block (e.g. 3.35m at 2.23% Li₂O) this latest round of drilling has also highlighted intersections of up to 20m of potential lithium bearing mineralisation from shallow depths at the Central Claim Block. Thus, the results are starting to outline a potential 9km mineralised trend over these claim areas. Highlights from the 2nd batch of assays below:

Assay ID	Results
SD-DH23-037	9.54m @ 1.85% Li ₂ O, 3.02m @ 1.49% Li ₂ O, and 2.90m @ 3.03% Li ₂ O
Central Claims	
SD-DH23-036	7.35m @ 0.68% Li ₂ O, 4.79m @ 0.87% Li ₂ O, 3.20m @ 1.22% Li ₂ O, and 3.21m @ 0.75% Li ₂ O
SD-DH23-034	9.85m @ 0.86% Li ₂ O in
SD-DH23-035	4.02m @ 1.27% Li ₂ O
Northern Claims	
SD-DH22-025	3.75m @ 2.37% Li ₂ O, 0.85m @ 2.44% Li ₂ O, 1.10m @ 0.82% Li ₂ O, and 0.67m @ 1.77% Li ₂ O
SD-DH22-018	3.35m @ 2.23% Li ₂ O
SD-DH22-019	3.20m @ 1.70% Li ₂ O, 1.89m @ 2.89% Li ₂ O, and 2.75m @ 0.67% Li ₂ O

- ▶ **Discussion.** These initial drill results continue the trend of positive results at San Domingo with further significant intercepts at shallow depths and decent lithium grades. Furthermore, the assays are now starting to come from the Phase 2 part of the programme focused on the Central Claim Block. Soil geochemistry had already highlighted a geochemical footprint associated with LCT-type pegmatites (lithium, caesium, tantalum), the primary class of spodumene bearing pegmatite that is typically associated with economic occurrences. Drilling at San Domingo is increasingly proving the LCT pegmatite hypothesis, which if determined to be similar to other worldwide systems would raise the prospect of zonation and further mineralisation associated with deep feeder systems. [As the proven extent of lithium bearing pegmatites at San Domingo continues to increase, so does the prospectivity and development potential of the project.](#) The positive drill results from the Central Claim Block (contiguous with the Northern Claim Block) highlight the potential to delineate a district-scale lithium pegmatite field with further exploration work. All this on the doorstep of the burgeoning US lithium cathode and gigafactory industry.
- ▶ **Next steps and upcoming catalysts.** Based on the positive results to date, Bradda is planning to embark on a Phase 3 drill programme at San Domingo. This fully funded programme, expected to comprise 10,000m of drilling will utilise data from recent geochemical soil sampling, mapping and the current drilling to identify additional targets. The aim will be to extend known mineralisation and also explore the potential of previously untested areas in the wider 23km² claim blocks in Arizona which remain 99% untested. Elsewhere, 2023 looks like a busy year for Bradda which notably should include a resource update at the Basin sedimentary lithium project, also in Arizona.

The drill bit continues to deliver excellent results at San Domingo with the current programmes confirming both historical pegmatite occurrences and outlining new mineralisation. The shallow nature and high-grade of key intersections continue to provide a strong rationale for further exploration work, ultimately with the aim of defining a mineral resource and supporting potential future development work. Although lithium stocks globally have retreated somewhat in recent weeks due to a pull back in the Chinese lithium spot price in particular, we still see contract-based pricing and the medium to long-term supply/demand fundamentals as highly positive for the lithium sector. The thesis remains unchanged and Bradda's current share price provides a cheap entry point into a rapidly growing and diversified US lithium play.

Figure 1 - San Domingo overview map – Phase 1 drilling (Northern Claim Block) and Phase 2 drilling (Central Claim Block)



Source: Bradda Head Lithium

Refer to Bradda's RNS (27-3-2023) for various drill plans and cross sections

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