



“...was looking for a time saving and repeatable solution...”

-Barrick

## STOCKPILE SCAN, BULYANHULU MINE, SKYCATCH

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### MINE/PROJECT LOCATION:

Bulyanhulu Mine, Tanzania

### YEAR OF PROJECT:

2022

### CLIENT:

Barrick

### PROJECT FOCUS:

Skycatch for surface surveys of mine lease area, stockpiles, and tailings storage facilities.

### COMMODITY:

Gold

### DWYKA MINING SERVICES SOLUTION:

Skycatch Edge 1.

### PROBLEM:

Bulyanhulu Mine aims to map the complete mine lease area, including monthly scanning of the stockpiles and tailing storage facilities quickly and accurately. Traditional survey methods are time-consuming and rely on line-of-sight (LOS), which means that surveyors must work within active areas and put themselves in harm's way.

### SOLUTION:

The Skycatch solution is easy to use and compact, making it well received by the surveyors on site at Bulyanhulu Mine. This solution eliminates the need for Ground Control Points (GCPs), resulting in time savings and improved safety due to reduced interaction with heavy machinery in active areas.

Bulyanhulu Mine utilises two separate coordinate systems on site, and Skycatch directly projects into both. This allows for smooth data flow with a reduced risk of transformation errors while converting between the two coordinate systems.

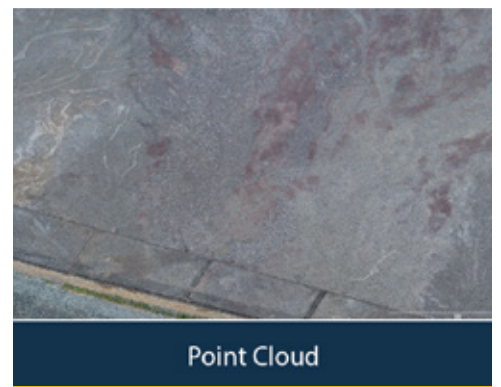
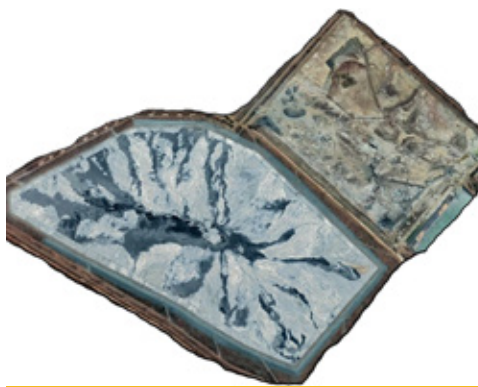
### RESULT:

Bulyanhulu Mine now has access to point clouds, orthomosaics, and 3D meshes that are incorporated into the mine's workflows, thanks to the Skycatch solution. The results provided by Skycatch are created in a timely manner, allowing for more efficient planning and execution.

In summary, the Skycatch unit has been well-received by Bulyanhulu Mine staff and provides accurate data rapidly and safely, improving the mine's overall operations.

### KEY TAKEAWAYS:

- ✓ Data from Skycatch readily feeds into various coordinate systems.
- ✓ Skycatch is easy to use and compact.



For more information on this case study and/or general info on Dwyka Mining Services, send us an email, or visit our website.

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