

Mineral Mapping Program: 2026 Mid-Year Implementation Summary

One Page Overview

Key Accomplishments (April–June 2026)

Airborne Geophysics

- Completed the 2026 national airborne geophysics work plan and priority survey coverage map.
- Acquired 6,814 line-km of new magnetic, radiometric and gravity data.
- Completed reprocessing of 8 historical airborne surveys totaling approximately 106,000 line-km across 22,000 km², creating modern, exploration-ready datasets without the cost of re-flying.

Mineral Exploration & Resource Development

- Advanced exploration at Matthew's Ridge, Groete Creek, and Takatu Mountains.
- Completed field investigations at highest-priority accessible targets and developed follow-up sampling programs.
- Integrated new geological interpretations and field data into Guyana's National Mineral Inventory.

Digital Transformation

- Completed inventory of 23,397 historical geological files for preservation and modernization.
- Launched the national bauxite digitization pilot, identifying 679 drill log files (~38,600 pages) for AI-assisted conversion into structured geological data.
- Design and procurement planning for the National Mineral Data Room.
- Advanced the Land Information Management System (LIMS) in preparation for deployment.

Support to Guyanese Miners

- Selected five local mining operations to receive technical assistance, exploration planning, and investment-ready data packages.

Public Access & Revenue Generation

- Released 2025 Geophysics datasets through the GGMC website.
- Recorded 16,345 webpage visits, >1,500 free data downloads and rapid month-over-month growth in public use.
- Completed the first commercial sales of GMAPS airborne geophysical data, generating more than US\$160,000 (approximately GYD\$33 million) in Government revenue.
- Began discussions with private-sector partners that could expand survey coverage through co-funded participation.

Priorities for July–December 2026

- Resume airborne geophysical surveys and complete the remaining approved 2026 coverage, weather permitting and collect 40-50,000 line kilometers of data.
- Process and integrate all newly acquired geophysical data with historical and 2025 datasets.
- Complete detailed sampling, trenching and follow-up field programs in priority mineral target areas.
- Deliver 3 technical reports and data packages for key mineral prospects.
- Complete the bauxite digitization pilot and expand geological data standardization.
- Install and commission the National Mineral Data Room.
- Deploy the Land Information Management System (LIMS).
- Continue training and capacity building for GGMC staff and Guyanese miners.
- Expand public access to geological information while increasing commercial data sales.
- Complete integration of mineral inventory information into national decision-support dashboards.

General Overview

Since the contract signing in April, the Mineral Mapping Program (known as Guyana Mineral Advancement & Prospecting Strategy, GMAPS) made substantial progress by mid-year, transitioning from the foundational data-generation work completed during 2025 into a more operational phase focused on advancing priority mineral opportunities, expanding national geoscience coverage, improving the commercial and public use of Government data, and modernizing the systems through which Guyana manages mineral information and mining lands.

Principal Accomplishments Through Mid-Year

1. Completion of Foundational Contract Deliverables: The first four contractual deliverables for 2026 were completed, including: 1) 2026 Work Plan; 2) national airborne geophysics survey coverage plan; 3) reprocessing of legacy airborne geophysical datasets; and 4) mid-year report.

The airborne survey plan was developed collaboratively with MNR and GGMC and prioritizes Guyana's most prospective mineral belts while minimizing flights over Amerindian titled lands, protected areas and locations where future mineral development may face significant land-use constraints. Priority areas include greenstone belts extending south toward Eagle Mountain and Mahdia, and the Marudi Mountain region. A map of the 2026 coverage areas is on the accompanying page.

The legacy geophysics program reprocessed eight historical surveys comprising approximately 106,000 line kilometres and covering approximately 22,000 square kilometres. This work improves the usability of historically valuable Government data without the expense of re-flying previously surveyed areas and converts older information into more consistent, exploration-ready and potentially marketable products.

2. Advancement of Priority Mineral Exploration Areas: Six priority targets were identified in Matthew's Ridge area (Region 1) from the 2025 newly collected airborne geophysics survey and initial fieldwork was conducted at the three high-priority targets that were accessible from existing roads and trails. Detailed sampling programs were prepared for all three, as all three were found to be very promising. GV is working with GGMC to determine which of the three sampling programs will be conducted in the remainder of the year. Additional field work was also conducted at the two highest priority targets in the Groete Creek area, and GGMC has mobilized a field team to conduct a detailed sampling program at both targets. Additional data interpretation and technical report preparation have been completed for Takatu Mountains, incorporating data from the > 500 samples collected during the 2025 field campaign and applying modern statistical and analytical methods to identify geological patterns and potential mineralized zones. All work has been incorporated into the Mineral Inventory Database.

3. New Airborne Geophysical Data Acquisition: The airborne geophysics program acquired 6,814 line kilometres of new magnetic, radiometric and gravity data through June 14, 2026. This was achieved during 16 productive flying days, despite 32 weather or stand-by days caused by an exceptionally prolonged period of unsuitable flying conditions. To protect the program budget, the flight crew was temporarily demobilized in June while the aircraft remained stationed in Guyana. During the operational pause, the project team continued permitting, regulatory coordination, and planning for the next survey blocks. The aircraft and crew are expected to resume acquisition when weather conditions permit in August to fly an additional 40-50,00 line kilometers in the remainder of the year.

Two private companies have indicated an interest in participating in the mapping program through the Ministry – Fortuna Mining and Mako Mining. GV is working with the Ministry and the companies to finalize the details of their participation, which may lead to an increase in the coverage of the program for 2026 beyond the planned work plan.

4. Data Modernization

Digitization & Standardization: A comprehensive inventory of GGMC’s historical geological holdings identified 23,397 files representing approximately 610 gigabytes of data. The inventory provides the baseline for systematically organizing, deduplicating, quality-checking and integrating these records into modern Government databases, reduces the risk of losing valuable historical information and supports more efficient retrieval and use by GGMC technical personnel.

Bauxite was selected by GGMC as the first major digitization pilot due to significant interest in the bauxite sector. Of 970 files reviewed, 679 unique drill-log PDFs containing approximately 38,600 pages were identified for digitization. Approximately 100 drill-log documents had entered the initial AI-enabled process by the reporting date. Final outputs will include structured, machine-readable geological data, confidence and quality-control information, and files suitable for 3D geological modelling software such as Leapfrog.

National Mineral Data Room: Technical design and procurement planning were completed for a Mineral Data Room at the Ministry of Natural Resources. The facility will provide a secure national backup and supervised public access point for geological and geospatial information from the Mineral Mapping Program. The planned installation includes three public workstations, 20 terabytes of expandable enterprise storage, redundant network infrastructure, cybersecurity controls and access monitoring. Installation is targeted for August and September 2026.

Land Information Management System: The Land Information Management System progressed through internal testing, security upgrades and the launch of external testing with GGMC personnel and representatives of the Guyana Gold and Diamond Miners Association (GGDMA). The system allows for online mining permit applications and land-management processes for large and medium-scale miners. The system is prepared to go live in August 2026.

5. Support to Guyanese Miners: GV worked with GGDMA to identify five miners whom GV will support in preparing technical data packages on their properties and in preparing exploration programs that will advance their understanding of their property’s potential for hard-rock mining. The exploration plans will be completed by Fall of 2026 and the technical reports will be completed by the end of 2026.

6. Strong Public and Commercial Use of Government Data

The free GMAPS datasets released through the GGMC website demonstrated growing public and industry interest. Between March 1 and June 24 the Mineral Mapping Project page recorded 16,345 hits and 2,250 entry-page visits with over 1,500 downloads of the free data package, representing ~1.4 trillion kilobytes of data transferred. Monthly use increased significantly, with activity rising from >300 hits in March to >1,400 in June.

GGMC also completed the first commercial sales of airborne geophysical data, selling over \$160,000 USD of (over 33,000,000 GYD) of legacy and 2025 geophysics data through the GGMC Geoservices process to three international mining companies. Additional quotes are in process.

These transactions demonstrate that the Government's geoscience data distribution and monetization framework is operational and capable of supporting both transparent public access and revenue-generating commercial data services.

Priorities for the Remainder of 2026

During the second half of the year, the program will focus on:

- Remobilizing the airborne survey team and completing as much of the approved 2026 survey coverage as weather and operational conditions allow.
- Processing, interpreting and integrating the new airborne data with the 2025 GMAPS surveys and reprocessed historical datasets.
- Completing follow-up mineral mapping, trenching and sampling in priority areas, including further investigation of targets identified through geochemistry and magnetic-data interpretation.
- Advancing work at Groete Creek, Matthew's Ridge and other approved mineral-priority areas and preparing technical reports and investment-ready data packages.
- Completing the bauxite digitization pilot and delivering structured, quality-controlled drill-hole information suitable for geological modelling and mineral-resource assessment.
- Installing and commissioning the Ministry's Mineral Data Room.
- Completing external LIMS testing and progressing the system toward deployment.
- Delivering technical training and capacity-building initiatives for GGMC personnel and local miners.
- Continuing the organization and standardization of GGMC's broader geological archive and integrating priority datasets into Guyana's evolving national digital geoscience infrastructure.
- Expanding public access to Government geoscience information and supporting further data monetization and investment-promotion opportunities.
- Integration of all mineral inventory data into decision-making tools and dashboards.

Conclusion

The first half of 2026 produced measurable technical, institutional and commercial results. GMAPS has expanded Guyana's modern geoscience coverage, recovered value from legacy survey data, generated new mineral targets, inventoried more than 23,000 historical files, initiated the digitization of nearly 39,000 pages of bauxite records, increased public use of Government datasets and supported GGMC's first commercial airborne-data sale under the program.

The remaining 2026 activities will convert this foundation into additional field results, expanded airborne coverage, operational digital infrastructure and more investment-ready mineral opportunities.