
Andrew Barley

Phone: 0447 546 921 Email: barleyandrewjohn@gmail.com

EDUCATION

2024 – Present: TAFE Certificate IV in Information Technology (Programming)

2023 – Present: Curtin University Master of Geospatial Intelligence

2017 – 2021: Curtin University Bachelor of Science (Applied Geology)

KEY ACHIEVEMENTS

- Successful candidate for competitive industry grant program with Sandfire Resources (2020)
 - Successful candidate for competitive industry vacation program with Northern Star Resources (2018 & 2019).
 - Geochemical and Mineralogical work published in ASX reports.
 - Letter of Commendation for high level of academic performance in Graduate Certificate in Geospatial Intelligence (89%)
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SKILLS & ATTRIBUTES

<u>Creativity & Innovation:</u>	Creative, look for alternate routes when solving problem with limited resources. Demonstrated with past employment positions.
<u>Adaptability & Flexibility:</u>	Able to work effectively in a wide range of roles and adapt to new environments demonstrated through various employment positions.
<u>Communication & Skills:</u>	Excellent oral and written communication skills achieved through university studies and employment. Reacts quickly and effectively in crisis situations, while working within compact timeframes to successfully complete tasks and reports.
<u>Management & Teamwork:</u>	Ability to work in a team and on individual projects, demonstrated by various employment positions and university assignment.
<u>Programming Skills:</u>	Experienced in Python, C#, Java, SQL, HTML/CSS, and GIT with hands-on experience through the TAFE Certificate IV in Information Technology.
<u>Data Analysis:</u>	Skilled in analyzing geospatial data using software such as QGIS, ArcGIS, AMICS, and spectral data with a focus on integrating and interpreting large datasets.
<u>Software Proficiency:</u>	Experienced with QGIS, ArcGIS, AMICS, and M4 software, specializing in geospatial intelligence and mineralogical processing.

EMPLOYMENT HISTORY

Feb 2020 – May 2022

Portable Spectral Service

Positions: **Graduate Spectral Geologist, All-Rounder Assistant, Spectral Technician**

- Specialised in Micro-XRF analysis along with experience in RAMAN spectroscopy, portable XRF and FTIR analysis.
- Spectral data interpretation and data integration from small to large data sets.

- Client communication, support, liaison, and meetings.
- Undertake client work and reporting.
- Geochemical and mineralogical processing with AMICS and M4 software.
- Create monthly articles and promotional material.
- Performing calibrations on M4 Tornado & M4 Tornado PLUS instruments.
- Receiving and handling of samples and the procedures.
- Research and development to improve and deliver more value to clients through product and service enhancements.

Nov 2018 – Feb 2019 **Northern Star Resources, Subiaco WA**

Positions: **Vacation Geologist (Kalgoorlie Based)**

- Experience with the production core yard from the Kundana mine project involving; recording Electromagnetism (EM), structural data and lithological data of core samples.
- Organising adequate equipment to last for large drilling projects.
- Rehabilitation on historic drill sites.
- Performed QA/QC on assay data.
- Restructured the storage system for all pulp received from labs, creating an online database to eliminate time locating pulp.

Jan 2016 - Feb 2018 **Officeworks, Perth WA**

Positions: **Business Direct Team Member**

- Picking and packing orders.
- Quality control and presentation.
- Ensuring orders were despatched on-time.
- Picking of high-risk/value items.
- Training of new team members.
- Ability to meet and exceed required KPI's and targets set by the business.
- Showed great attendance and commitment to the operation.

REFERENCES

Name: **Naomi Potter**

Role: Principal, Technical Studies

Company: Chrysos Corporation | WA

Contact: Naomi.potter@chrysoscorp.com or 0406 404 741

Name: **Mitchell Miller**

Role: CFC Manager WA/NT

Company: Officeworks | WA

Contact: 0482 187 385
