

Moharam Ibrahim
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Summary

Civil Engineering Technician with experience in Civil 3D drafting, geotechnical fieldwork, and material testing. Skilled in technical documentation, QA/QC procedures, and supporting engineers with accurate data and drawings. Detail-focused, safety-driven, and adaptable across field and office environments.

Work Experience:

Material Testing Technician McElhanney | Fort St. John, BC

Jan.2024 – July.2025

- Supervise geotechnical and materials-related fieldwork, ensuring compliance with project specifications and safety standards, and issued detailed daily field reports.
- Performed field quality control (QC) and quality assurance (QA) tests on construction projects, including nuclear density testing.
- Conducted lab testing: Proctor, Atterberg limits, moisture content, hydrometer, and sieve analyses.
- Interpreted berm design requirements and created compliant layouts in Civil 3D, selecting elevations to meet specifications while optimizing cut-and-fill balance and constructability.
- Entered borehole data and created borehole logs using Bentley OpenGround.
- Collaborated with engineers, contractors, and lab staff to ensure project quality and timelines.
- Worked weekends and overtime as required to meet project demands.

Survey Assistant GeoVerra | Grande Prairie, AB

Jan.2022 – Jun.2023

- Assisted the Party Chief in fieldwork, including equipment operation and data checks.
- Utilized close attention to detail in identifying and recording pipeline components, including welds, bends, and sags.
- Operated advanced line-locating tools such as Vivax Metrotech and Fuji equipment, enhancing the precision and reliability of survey activities.

- Possessed and maintained all necessary safety certificates, exhibiting a commitment to creating a secure and compliant work environment/
- Adaptable to flexible work hours and extended shifts, displaying a commitment to meeting project timelines and deadlines
- Demonstrated strong work ethic and reliability through consistent attendance and punctuality, contributing to a positive and productive team environment.
- Possesses all necessary safety certificates and licenses for driving ATVs and Ski-Doos.
- Effectively worked in confined spaces and at heights, adhering rigorously to strict safety protocols, contributing to a safe and productive work environment.

Geotechnical Field Technician

Oct.2020 – Mar.2021

GeoPro Consulting Ltd. | North York, ON

- Collaborated closely with geotechnical experts to conduct drilling and soil/material sampling, ensuring data accuracy.
- Played a key role in supporting the Environmental department during staff shortages, actively participating in soil infiltration and slug tests to maintain project timelines and uphold environmental standards.
- Assisted in site investigations alongside Civil Engineers, contributing to the precise utility mapping process before borehole drilling.
- Provided crucial support to the Environmental department, especially during staff shortages, by assisting with soil infiltration and slug tests.

Road Maintenance Technician (Seasonal)

May.2019 –

Sep.2019 City Of Grande Prairie

- Assisted in the coordination of road maintenance projects, collaborating with the team to ensure timely completion of tasks.
- Assisted in the setup and dismantling of work zones, contributing to the smooth flow of traffic and ensuring the safety of both workers and the public.
- Expertly repaired potholes and cracks using asphalt mixes, ensuring road quality.
- Exhibited a keen eye for detail in quality control, ensuring that repaired road surfaces met established standards.
- Managed the proper distribution of asphalt mixes to achieve desired grades.
- Repair highway and residential neighborhood roads using prepared asphalt.

Beekeeping Operations Supervisor

Apr.2015 - Sep.2018

BuzzMart | Beaverlodge, AB

- Monitored the health of queen bees, ensuring optimal egg production and colony well-being.
- Collecting royal jelly from queen bee cells for cosmetics and health food.
- Destroying swarm bee cells to prevent colony swarming.
- Conducted thorough inspections to identify and remove parasites, including wax and larvae, safeguarding the health of the bee colonies
- Safely handled honey boxes weighing up to 80 lbs, ensuring efficient honey extraction and hive management.
- Building Honey boxes, Brood boxes, Bottom/ top covers in a timely manner
- Managed sales transactions and promptly addressed client inquiries, ensuring exceptional customer service and satisfaction.
- Utilized social media platforms to engage with clients, provide updates, and promote the business, enhancing client relationships and business growth.

Education:

Diploma in Civil Engineering Technology

Dec.2018 – Dec.2021

Seneca College, North York, Ontario

Technical/Software Skills:

- Proficient in AutoCAD, Civil 3D, OpenGround, Shear Walls.

Certifications and Affiliations:

- Transportation of Dangerous Goods
- ATV Safety/ Snowmobile Safety
- Nuclear Gauge
- Ground Disturbance Level 2
- OACETT Associate Member
- Asbestos Awareness
- First Aid – Level 1
- Bear Awareness
- H2S Alive
- WHMIS
- PCST, CSTS

References available upon request.

