

ACTx™ Improves Confidence in Core Orientation and Efficiency at the Core Shed

Location: Ontario, Canada

Drilling Contractor: NPLH Drilling

Resource Company: Leading Canadian Gold Developer

ACTx is a ground-breaking, digital core orientation system that enhances safety, accuracy, and time to orient core at the drill rig site.

High quality, auditable ACTx data seamlessly and securely transfers into IMDEXHUB-IQ.

Client Challenges & Objectives

Suboptimal data quality from traditional core orientation methods leads to unreliable results in structural modelling and inefficiencies at the core shed.

- Increase quantity and quality of core orientation data acquired at the rig site, without compromising drilling productivity.
- Increase efficiency at the core shed by increasing quantity and quality of structural data.



IMDEX Solution:

IMDEX introduced ACTx at the rig site and leveraged on its easier and safer workflow to increase quantity of both attempted and successful core orientations.

The ACTx digital QA/QC process was used to optimise efficiency at the core shed.

Value to Customer



ACTx provided a consistent 10% increase in both attempted and successful core orientations across multiple drill holes, within the first month of utilisation.



Drill coring production also reported a slight increase due to the easier workflow.



Confidence in core marks and overall productivity at the core shed increased thanks to the digital QA/QC data, which supported the geologists with core reassembling and core logging.