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**MINING CLAIM 4272713 (new) added to CROWN JEWEL PROPERTY**

CLAIM HOLDER: AKI K. SILTAMÄKI

TARTAN LAKE AREA

THUNDER BAY MINING DIVISION

NTS 52A10E

**Introduction**

Construction of forest access roads >27 years ago in the Tartan Lake area northeast of Thunder Bay, Ontario, provided access to prospectors for new exploration opportunities. While prospecting in the area in the fall of 1990, this author (claim holder), discovered amethyst-bearing granite 'float' boulders approximately 13 km east from Hwy 527 along one of these roads (now known as Magone Road). During a follow-up prospecting trip in July 1991, he found the bedrock source of the amethyst and staked a single-unit mining claim (1183116) on the occurrence.

Subsequent prospecting in the following years revealed that the mineral deposit continued >2650 meters to the northeast. Additional claims were staked along strike of the deposit to cover the prospective ground. These are current claims, 1194849, 1232817, 1233227, 4272710 and new claim, **4272713**.

**Location and Access**

The mining claims are located on crown land approximately 22 km (measured in a straight line) northeast of the east boundary of the City of Thunder Bay, Ontario in unsurveyed territory north of MacGregor Township.

Access is by motor vehicle travelling east from Thunder Bay along Hwy 11/17 (Trans-Canada) to Hwy 527, then north along Hwy 527 approximately 15 km to Magone Road, then 13 km east on Magone Road to the south boundary of claim **4272713**. This claim has no access trail to the work site.

**General Geology and Topography**

The area of the mining claims is predominantly underlain by Precambrian-age Archean felsic intrusive rocks (pink granite (monzonite) of the MacKenzie Stock. Interspersed within the granite are small areas (blocks or rafts?) of metasedimentary rock (gray quartz-mica schist). The topography is rugged and hilly with locally abundant outcrop and elevations as high as 550 m (asl). Vegetation is mixed boreal forest and brush with overburden consisting of glacial till, gravel, boulders, humus, muskeg (in low ground).

**Mineralization**

Amethyst-bearing quartz veins are found along several northeast-trending faults in the area. These silica-rich hydrothermal deposits occur as fracture-fillings in the granite along these faults, as well as in small areas of the adjacent mica schist where it is in contact with the faulted intrusive rocks. Diverse colours of banded amethystine quartz is present, occurring as veins, crystallized in vugs and in brecciated zones. Some of the quartz layers have inclusions of other minerals such as hematite (common for the amethyst deposits of the Thunder Bay area), pyrite, chalcopyrite and other metallic minerals (rutile or goethite and/or marcasite). Very minor malachite was observed as staining or coating along fractures where disseminated chalcopyrite was seen. The mineralized fault zone at the **Crown Jewel Property** has been traced in the field via traditional prospecting traverses (historical work) along intermittent outcrops over a distance of >2650 meters and is up to >30 meters wide at claims 1183116 and 1194849.



The mineralization on claim **4272713**, as observed in a few low outcrops, consists of several narrow veins of amethyst-bearing quartz in pink granite.

#### Previous Work

No previous work has been reported for this claim (**4272713**)

#### Current Work

##### Prospecting

The objective was to locate and determine the probable continuity of the amethyst-bearing mineral deposit located on adjacent claim 1183116. Prospecting traverses were conducted NE along strike of the 1183116 deposit. Several narrow amethyst-bearing quartz veins were observed in a few small bedrock exposures of pink granite in the SE corner area of what would subsequently be staked as claim **4272713**. One of these showings was test-pitted and samples of amethyst-bearing rock were collected (see photos)

test pit location: NAD 83 16U 354948E, 5389928N

#### Work Log

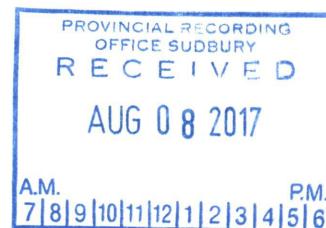
Dates	Activity	Personnel
May 12/17	prospecting/test-pitting/collecting samples	A. Siltamäki
May 24/17	prospecting/test-pitting/collecting samples	A. Siltamäki
May 30/17	prospecting/test-pitting/collecting samples	A. Siltamäki

#### Equipment Used

Transporting: GMC VANDURA 2500  
YAMAHA BIG BEAR ATV

#### Work tools:

Prospector pick, chisel/pry bar  
GPS unit: Garmin *GPSmap 62s*  
Camera : Canon *PowerShot A590is*, BlackBerry



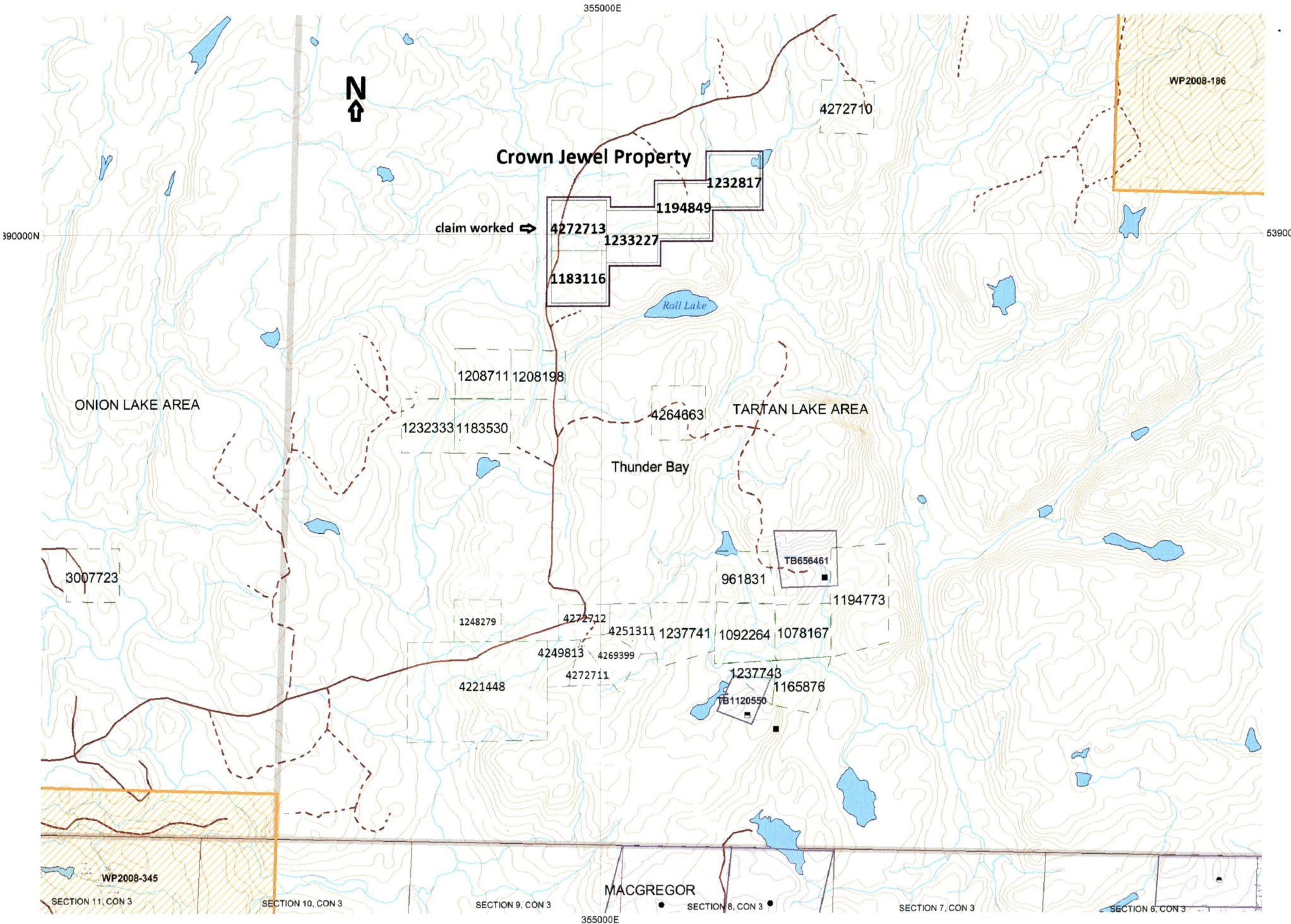
#### Work Report Prepared by:

Aki K. Siltamäki (claim-holder)  
Licence E33284  
Client 194389

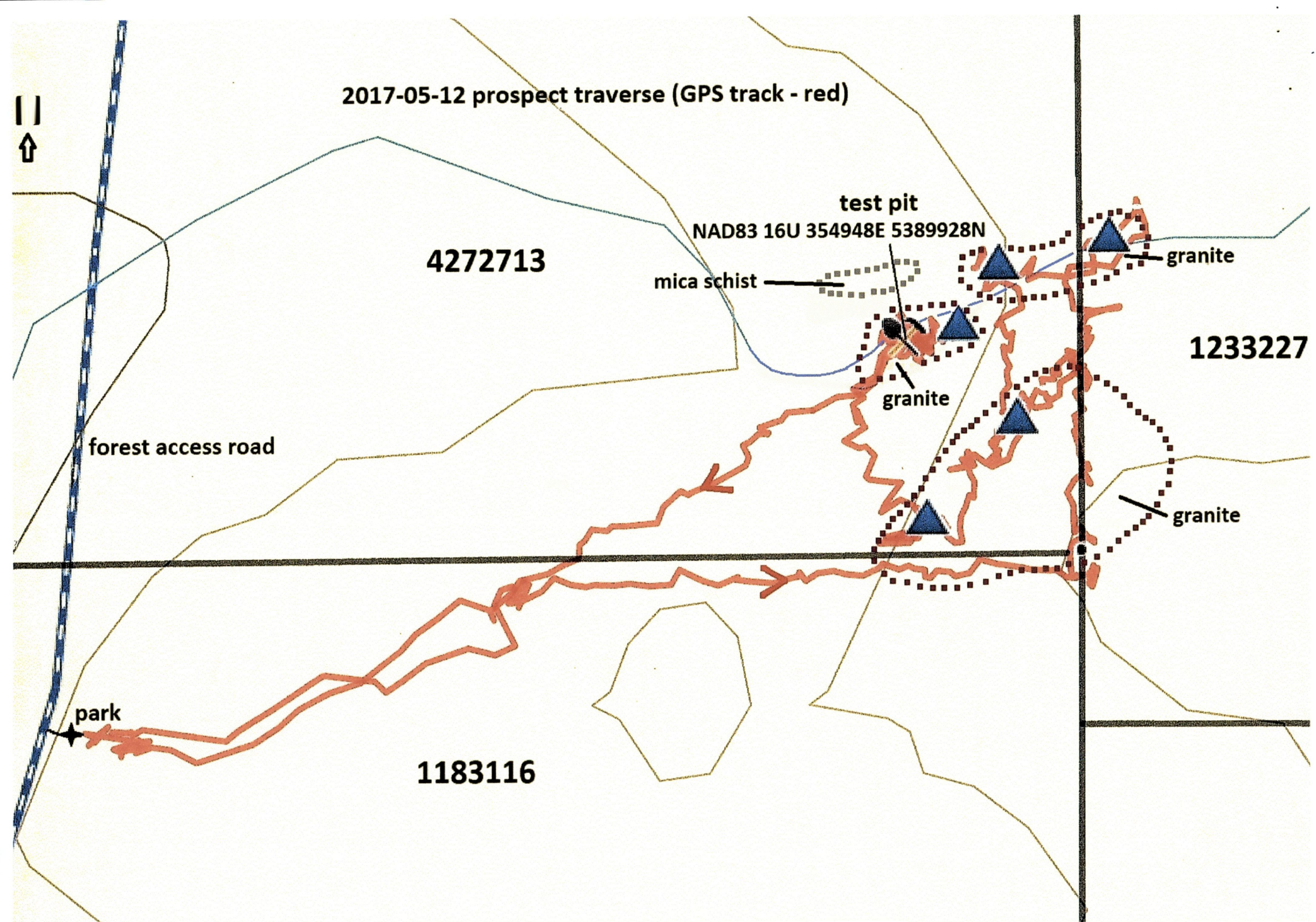












2017-05-12 prospect traverse (GPS track - red)

4272713

test pit

NAD83 16U 354948E 5389928N

mica schist

granite

1233227

granite

forest access road

granite

park

1183116

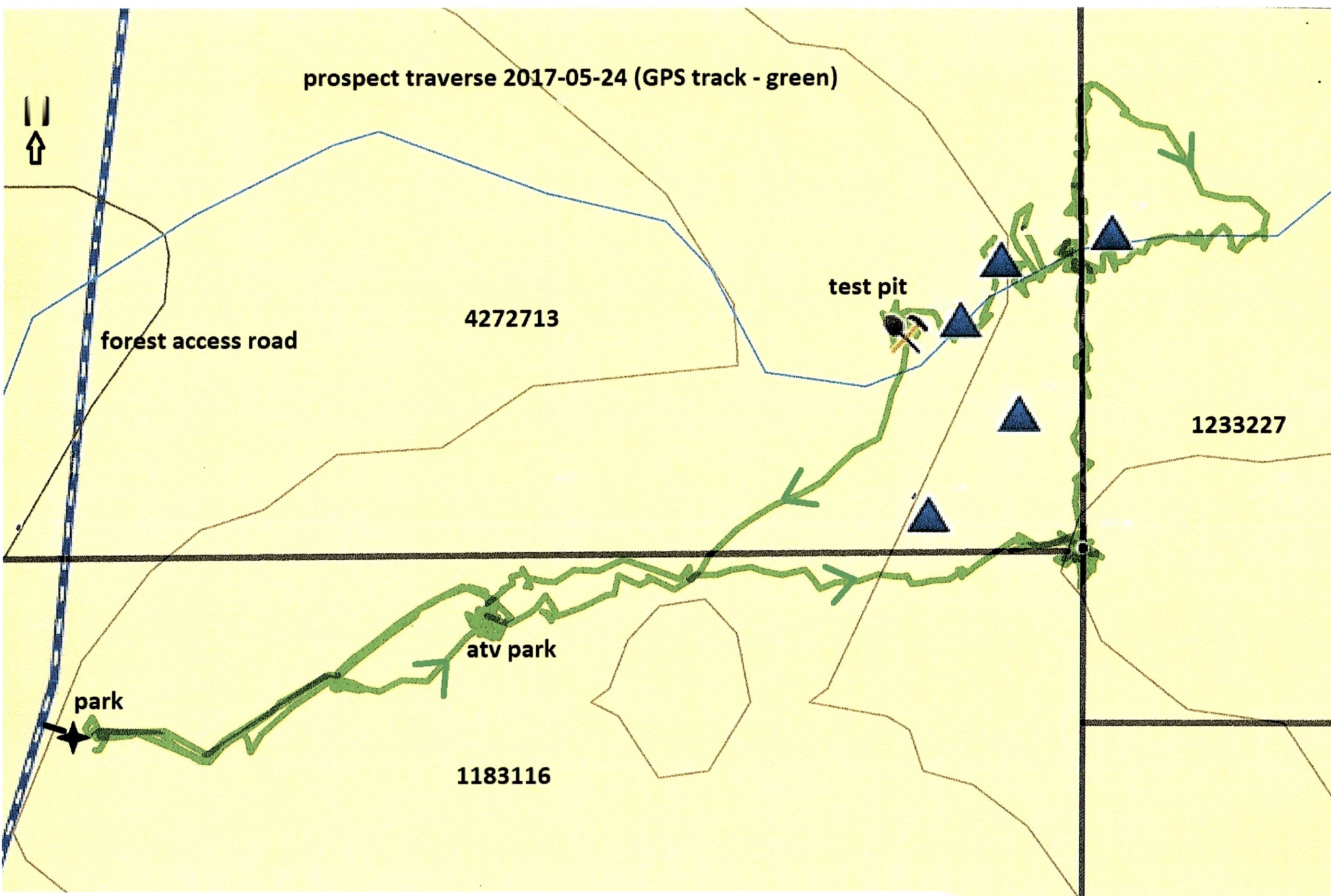
Legend



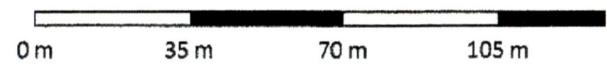
..... amethyst occurrence

0 m 35 m 70 m 105 m

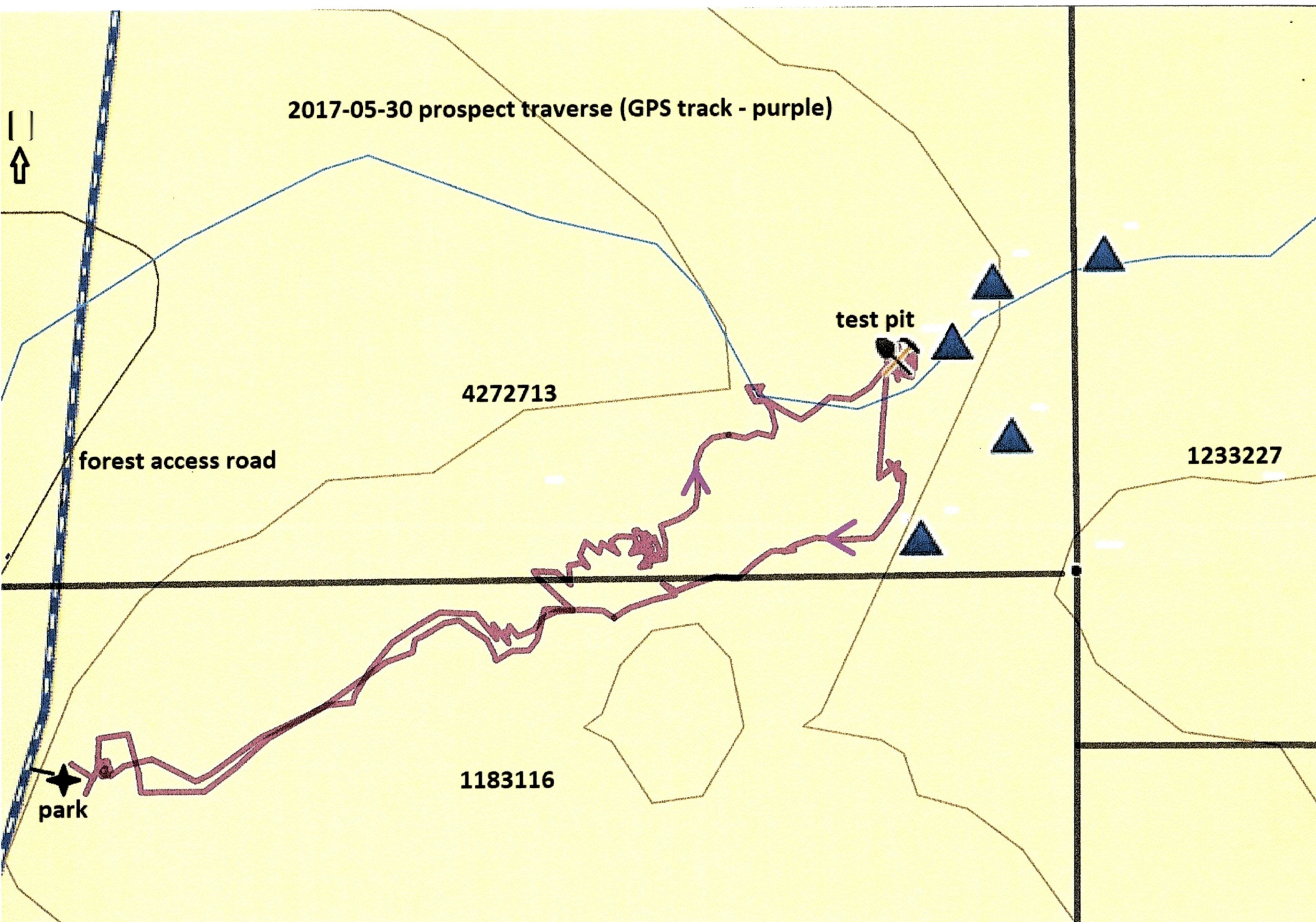




**Legend**  
 ..... amethyst occurrence

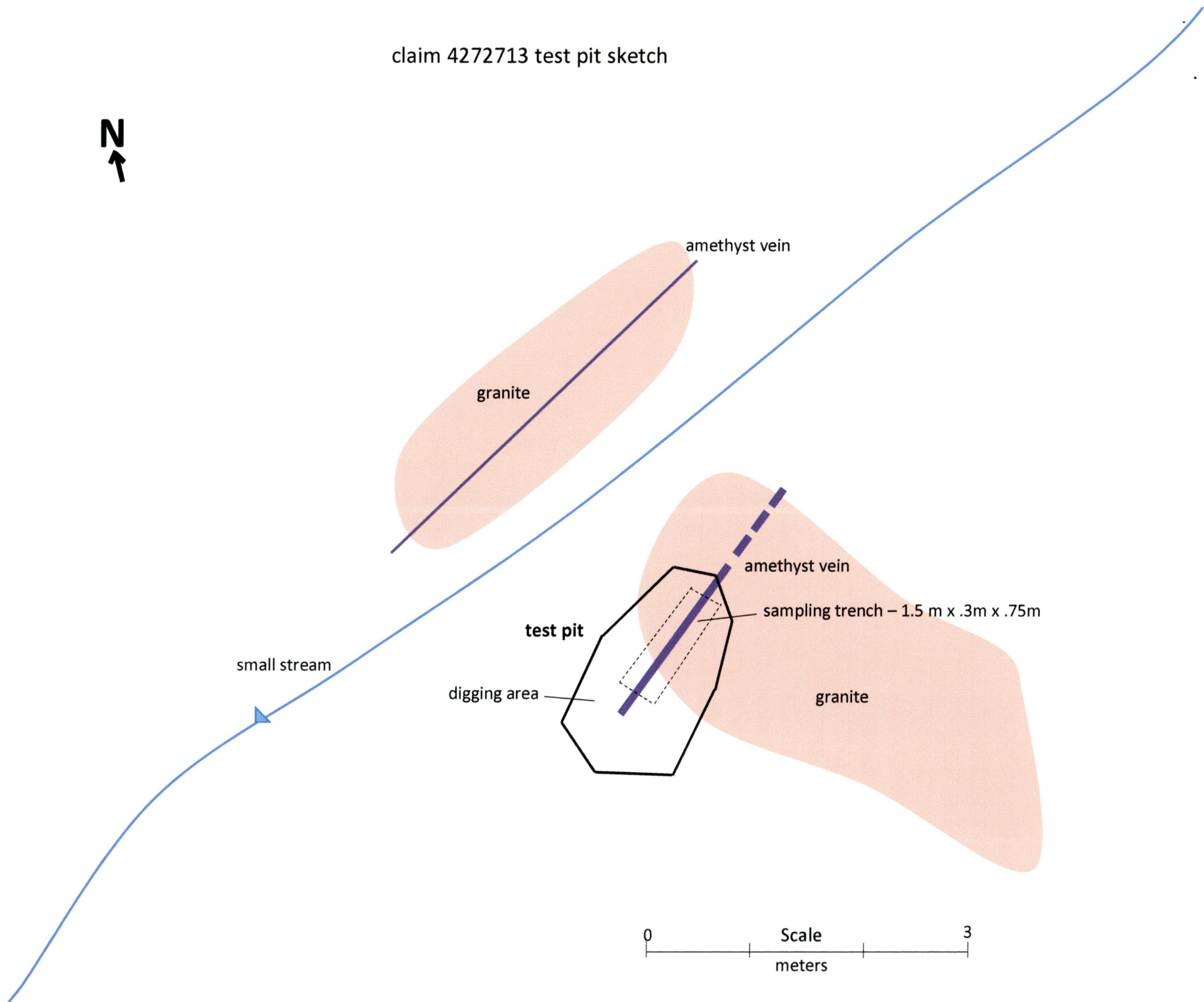








claim 4272713 test pit sketch







**4272713**  
**test pit**





4272713 test pit samples