

G. V. R. D.

TITLE: INSTRUMENTMAN IV

POSITION DESCRIPTION

NO: 484 DATE: August 1982

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**PURPOSE OF POSITION:**

TO CARRY OUT A VARIETY OF SURVEYING ASSIGNMENTS ATTACHED TO GVRD WORK FORCES OR OUTSIDE CONTRACTORS.

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**DUTIES:** (The duties described hereunder are intended to be representative of the position and are not to be considered all-inclusive.)

Make preliminary and construction surveys.

Locate existing utilities with M-scope or pipe detector.

Survey and calculate earth quantities.

Run precise levels to Geodetic standards.

Make astronomical observations and calculations.

Run closed traverses and do triangulations, make field adjustments to survey equipment.

Recommend purchase or rental of equipment and arrange for and coordinate the use of equipment for locating existing facilities.

Make and classify soil investigations.

Do simple drafting work.

Make depth soundings of rivers and other water ways relative to sewerage and drainage works.

Search Land Registry Office for legal plans.

Supervise other Instrumentmen as assigned.

Exercise independent judgement when dealing with public and municipalities.

Inspect quality and adherence to plans and specification of construction work.

Under the direction of an engineer, take charge of any preliminary or construction surveys or layouts.

Supervise the work of one or more rodmen and be responsible for time sheets, mileage sheets and sick slips; also be responsible for material and equipment sheets.

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**REQUIREMENTS:** (Minimum to fill position.)

Grade 12 (academic-technical) supplemented by Grade 13, or equivalent technical math and courses in surveying, concrete technology and technical report writing.

Minimum 6 years of surveying, preferably including considerable experience with the District and have a good understanding of legal surveys.

Possess valid B.C. driver's licence, plus health certificate for watershed entry.

Must be proficient in use of all instruments that may be required in the Districts' work.