

RESOURCE TECHNICIAN MATRIX LEVEL 1, 2 AND 3 JOB FUNCTIONS

Attachment 12

JOB FUNCTIONS	Level 1 (proposed) STO 13 EDD profile	Level 2 (proposed) Grid 15 –FED profile	Generic Grid 18 – GEE profile
	No directly relevant Benchmark, following are useful BM 351 (Geotechnical Aide) - EDD	No directly relevant Benchmark, following are useful: BM 372 (Geotechnical Assistant) – FED BM 373 (Regional Construction Aide) - FED	BM 051 – Forest Technician (GEE) BM 141 – Resource Assistant (GEE)
Silviculture	Gathers and reviews data	Analysis and recommendations	Full technical assessment
Timber harvesting	Gathers and reviews data	Analysis and recommendations	Full technical
Compliance and Enforcement	Gathers and compiles data as support to Technicians	Acts as a Forest Officer under the Forest and Range Practices Act	Acts as a Forest Officer under the Forest and Range Practices Act
Valuation	<ul style="list-style-type: none"> ➤ reviews cycle times for logging trucks, and equipment (i.e. skidders) ➤ assesses road specifications (i.e. # of culverts, # of bridges) ➤ assesses actual against proposed costs to ensure full value to ministry ➤ cycle times (measure from when truck first goes through scales, and check all information afterwards) ➤ providing a full assessment based on data, the efficiency of the operation and verifies that appraisal estimates are as stated in tenure 	<ul style="list-style-type: none"> ➤ reviews cycle times for logging trucks, and equipment (i.e. skidders) ➤ assesses road specifications (i.e. # of culverts, # of bridges) ➤ assesses actual against proposed costs to ensure full value to ministry ➤ cycle times (measure from when truck first goes through scales, and check all information afterwards) ➤ providing a full assessment based on data, the efficiency of the operation and verifies that appraisal estimates are as stated in tenure ➤ reviews requests for special dispensation (i.e. reduced stumpage rates) and determines whether logging has taking place based on specifications outlined in the original tenure approved ➤ checks into issues such as standing snags, increased hazards, etc to determine whether done on specifications of tenures ➤ makes adjustments based on sample loads ➤ determines and recommends to Timber Pricing Coordinators, the amount for deduction from company payments at the scales 	Full technical assessment and oversight
Range	Technical field support	Technical support	Full technical assessment
Integrated Resource Management		Compiles and assesses data in support of senior Resource Technicians	Develops and provides input into planning and land use issues related to major tenures?
Contract Administration	Provides full contract administration and support	Monitors and verifies contract completion	Monitors and verifies contract completion
Tenures Management	Conducts technical support work on minor tenures including residue and waste, check cruising, issues a variety of minor permits and	Conducts technical work on minor tenures including residue and waste, check cruising, issues a variety of minor permits and tenure applications; lower risk, short	Oversees the administration of major tenures (i.e. Forest License) – long term, high value and risk, potential

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	tenure applications; lower risk, short term, engineering complexity lower, low volumes	term, engineering complexity lower, low volumes	non-replaceable rights, large volume), high longevity – 8-12 yrs on avg, high revenue risk (80k-1 million).
Cruising and Check cruising	Provides technical support/field work assistance	<ul style="list-style-type: none"> ➤ determines methodology to be used for particular site and situation (reconfirmation of original measures, or re-measuring) ➤ checks and determines number of trees, and assesses decay waste and breakage factors ➤ determines what factors decrease the value (i.e. rot, breakage, no tops, disease factors) ➤ completes measurement of height/diameter to determine volume ➤ operates a variety of equipment to retrieve data elements such as: hip chains, diameter tapes; suntos and clinometers, axes and hatchets to check conks and root systems; compasses; GPS receivers; and laptops and handheld computers/radios. ➤ conducts data analysis by compiling field data and then generating results through calculations ➤ compares original cruise data to collected data ➤ applies statistical analysis of range by assessing equability to original cruise (i.e. population validity) ➤ determines if information gathered and assessed is consistent across both before and after logging samples ➤ checks strata changes for accuracy and determines validity ➤ writes technical report documenting final assessment which is then used for final appraisal calculations 	
Appraisals	Compiles and calculates data in support of Resource Technicians	Conducts appraisal surveys in the field for recommendation to Timber Appraisal Officer	
Inspections	Technical support	Conducts inspections of logging operations as a Forest Officer	Conducts inspections of logging operations as a Forest Officer