

EIDEIC 2018

Quality control compaction revision on rock crushed

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Introduction

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Results

- ❑ Infrastructure quality control must be done through an adequate control process, which must be well planned, programmed and executed.
- ❑ It implies the revision of the specific control procedures as part of the general objective of continuous improvement.





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- ❑ It must be applied to the construction of quarries with stone materials, called rockfills for large sizes or all-one fillings for intermediate products.





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- ❑ There continues to be a problem in terms of compacting control methods in the execution of these diggings, with little practical development of new techniques when the spread is of good – quality material an aspect that must be revised in order to ensure the quality of the final result extended and compacted.





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APPLICATION USE TO GRANITES, SLATES AND GRANITIC ALTERATION SOILS STABILIZED USING CEMENT





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- Thus, the necessary field and laboratory works are developed in order to elaborate new test procedures for a proposed compaction control in rocks.



- Compaction control procedures revised: wheel impression test, topographic settlement, plate load test.



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- ❑ Doing simple regression on SPSS, in which any predictor outcome variable (dependent) should be placed (independent).
- ❑ An analysis of variance ANOVA shows the sums of squares and the degrees of freedom associated with each: is significant at $p < 0,05$. There is less than 0,5% chance that an F Levene – ratio this large would happen if the null hypothesis were true.



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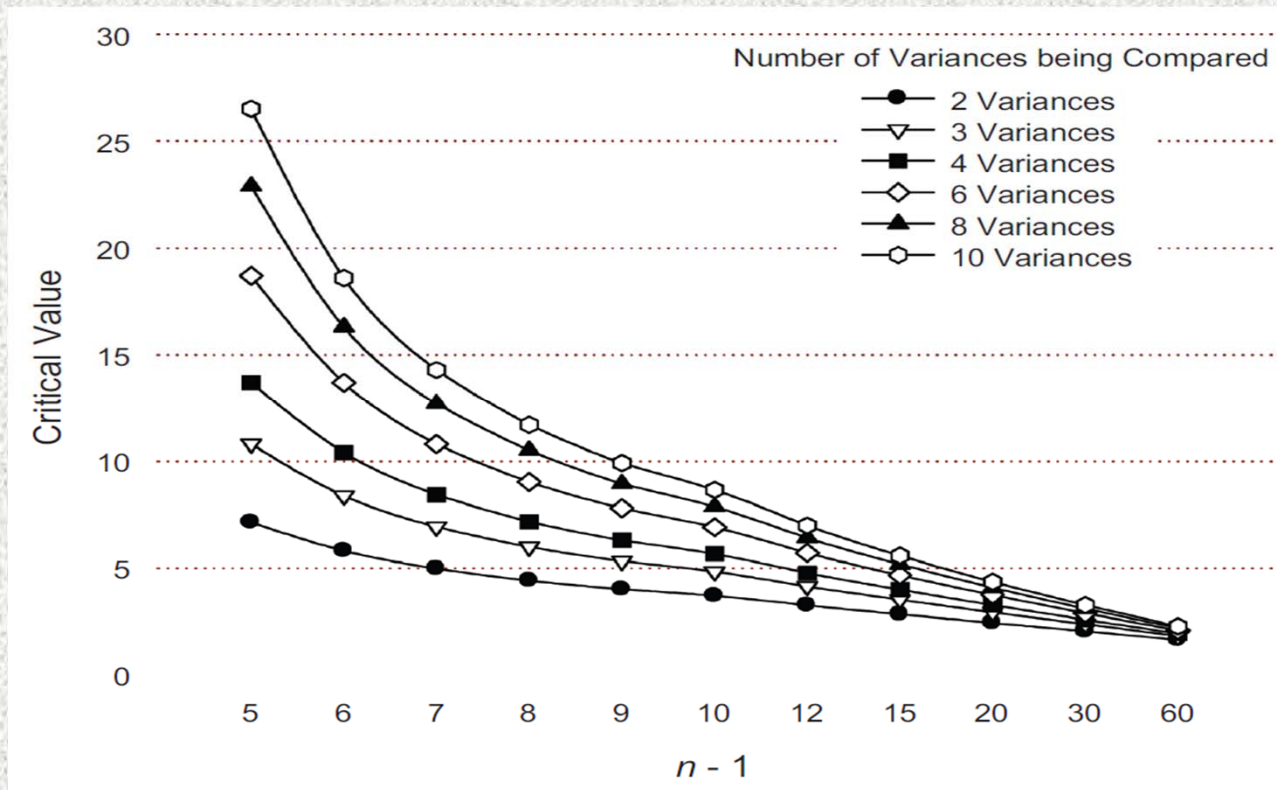
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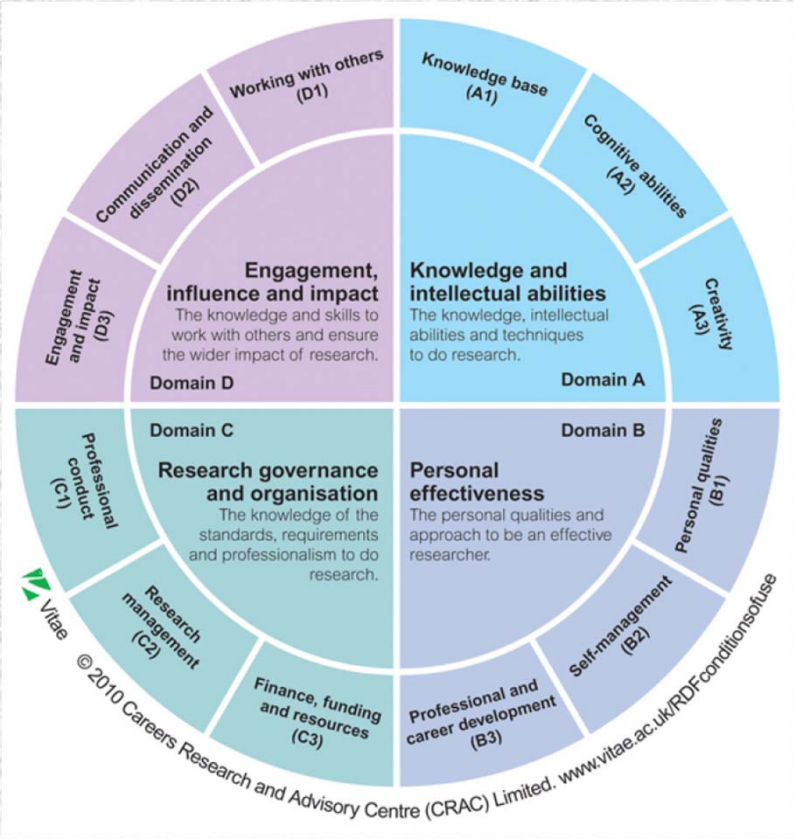
Results



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CAPACITIES





CAPACITIES

Basic competences	Science and Technique	Technology	Training courses	Results	SWOT analysis	Workplan	Mobility	Funding	Ethics
CB11	✓	✓	✓						
CB12				✓		✓	✓		
CB13				✓					
CB14					✓		✓		
CB15				✓			✓		
CB16				✓					✓

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CAPACITIES

Capacities and personal skills	Science and Technique	Technology	Training courses	Results	SWOT analysis	Workplan	Mobility	Funding	Ethics
CA01	✓	✓	✓						
CA02				✓					
CA03						✓		✓	
CA04			✓				✓		
CA05	✓	✓	✓						
CA06					✓				