


ALTO MAIPO	OWNER'S INSTRUCTION Section 2.29 PHAM-PLN12-INS-0003	
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Contract: <input type="checkbox"/> AM-CO610/620B <input checked="" type="checkbox"/> AM-CO630/620A	SI / N° 0253
Scope Segment Description: <i>Tunnel VL4 Grouting</i>	Scope Segment ID:
Location: <i>VL4 0+729,8</i>	Time for Compliance:

Contractor shall immediately proceed with the Work described below, in accordance with the terms and conditions of the Contract. This instruction is limited to maximum of 1000 UF or USD \$ 50,000., and without impact on the lump sums or schedule (except for Equivalent Times in the BOQ).

Instruction: *(Probe hole performed 23-07-15 10:30am with 123L/m at 17Bar)*
Per grouting VL4 Ch 0+729,8
15 holes of 24m long each
Stop pressure 35 bar + ground water pressure or

WCR	Kg cement
1.0	300
0.8	200
0.6	1000

After grouting drill two control holes, one on each side, located where the highest point take occurred. If dry fill the holes. If 1-30L/m, graft the holes. If > 30L/m from control hole, drill additional point holes, split spaced. Measure new holes and repeat as above.

Owner estimate of impact is: Per Units in BOQ ☐ ; or cost ; &/or Time

If Contractor believes that this instruction constitutes a Change, Contractor shall promptly provide Notice according to Section 11 of the Contract.

Contractor comments (if any):

Issued by Sign: <i>Andrés Tapia Pardo</i> Designation: <i>Geologist</i> Date: <i>23-07-15</i> Time: <i>08:00 hrs.</i>	Received by Contractor Sign: <i>Enrique Quintanilla</i> Designation: <i>Geologist</i> Date: <i>23/07/15</i> Time: <i>5:30.</i>
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White (original): Contractor / Yellow (copy 1): OE/ Pink (copy 2): ITO