_						_	
s	ite C	apillucas	Department : Lima Province	: Yauyos   District : Ayauca	River : Cañete		
Schematic section   Topography	+	Riverbed width Approximately 70 -100 meters  Narrow valley between nearly vertical in the left abutment and rocky hill ap high in the right abutment.  EL  Qh-pf: Present fl Qh-td: Talus dep				Reservoir Dam sit	Wide valley is favorable for the reservoir.  The old fluvial deposit and talus deposit are widely distributed in both slopes.  Old fluvial deposit along ex-river channel limits dam height.
	750	•			Old fluvial deposit Andean Batholith	Evaluation	Slope stability will be prominent problem in the reservoir.  Low fill type intake dam will be suitable for this site.
r			Left bank	River bed	Right bank	son	Distribution of present fluvial deposit along rive channel and overlaying soft sediments shall be studied in detail.
ı	Go	ology	<ol> <li>Cretaceous~1. Tertiary</li> </ol>	u. Cretaceous~1. Tertiary	u. Cretaceous~1. Tertiary	188	shall be studied in detail.
١		of	Andean Batholith	Andean Batholith	Andean Batholith		
l	Bas	sement	Granodiorite	Granodiorite	Granodiorite		
		Fault	No mayor fault is present.	No mayor fault is present.	No mayor fault is present.		
Sections	Cond tion of	1	Predominant fracture strikes NNE-SSW and dips 30 to 45° E	No detected	Predominant fracture strikes NNE—SSW and dips 30 to 45° E	o to o	
	Base men		No present	No present	No present		
	1030	Weathering	Slight rusty-weathering along the fracture.	No detected	Slight rusty-weathering along the fracture.		
		Overlying Sediment	Talus deposit colluvial type in the base of abutment	Present fluvial deposit in large scale	Old fluvial deposit in/on rock outcrep	Site	
	Lan	dslide and/or Failure	No present	No present	No present		
	Remarks		Old fluvial and alluvial deposits, talus deposit and possible fluvio-glacial deposit overlay along the old river channel in the right abutment.				Negative No.
L						11	1 1054110110.5-12

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## Table S.2.4.1.3 General Characteristics of Proposed Dam and Intake Site (7/18)

L		C VF.:	Doorton Line Books	Version Britain	a River : Cañete	В			
S	1	Casa Vieja		: Yauyos   District : Putina	a River : Canete	╀	Water storage efficiency shows disadvantageous due to steep river gradient.		
1	Ri	iverbed width	Approximately 150 meters			- sito	is h. Old fluvial deposit overlays thickly in the right abutment		
	Ridupflodor	Characters	Wide V-shaped valley  Rocky spur in the left abutment and old fluvial deposit in the right margin.			Ē			
Ŀ		T				Reservoir			
	<u>ا</u> ا	EL			f: Present fluvial deposit	Reser	may give some stability problem.		
	,	700	+ 0,5	d: Talus deposit d: Old fluvial deposit	н				
	5	600-	Chipt Chip	: Andean Batholith	Evaluation				
1		700-				E.			
F			Left bank	River bed	Right bank	Issues			
	1	icology	u, Cretaceous~I, Tertiary	u. Cretaceous~l. Tertia	u. Cretaceous~1. Tertiary	Ě			
	1.	of	Andean Batholith	Andean Batholith	Andean Batholith	4			
١	В	asement	Granodiorite	Granodiorite	Granodiorite				
		Fault	No mayor fault is present.	No mayor fault is present.	No mayor fault is present.				
	Cor	on Fracture	Semi-vertical joints are common	No detected	No present				
	Ba		No present	No present	No present	photo			
3	20000	Weathering	Slight rusty-weathering along the fracture.	No present	Slight rusty-weathering along the fracture.				
		Overlying Sediment	Small talus deposit composed of some rock fragments	Present fluvial deposit	Old fluvial deposit composed of gravel, boulder and sand.				
	La	ndslide and/or Failure	No present	No present	No present	-			
		Remarks .	River gradient is relatively steep. The Cajalay River, which is locate deposits.	ed closely from the proposed d	am site, transports large alluvial		Negative No. 2-20A		