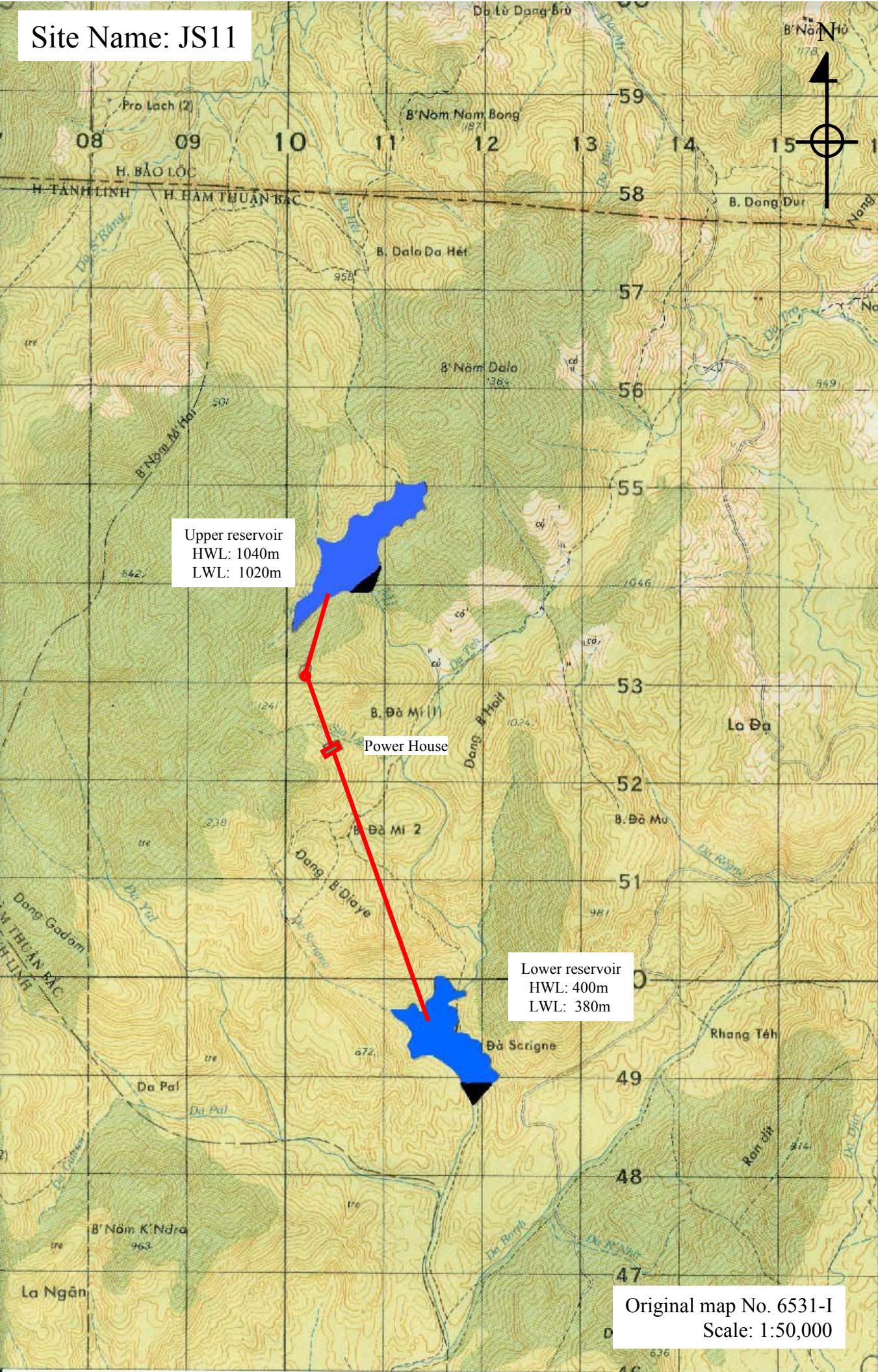


The features of promising potential sites for PSPP

Site Name		JS 11
Location (Name of River)		Upper dam/reservoir : Binh Thuan Province / Ham Thuan Bac District / Da Mi commune (Da Mi River) Lower dam/reservoir : ditto
Project Parameter	Installed Capacity P(MW) Design Discharge Qd(m ³ /s) Effective Head He(m) Peak Duration Time T(hrs)	1,000 200 620 7
Topography and Geology	(Overall geological condition)	Generally, the topography around the surveyed area is flat of EL.1000~1500m spreading in east-west direction with some small hills. The surveyed area is located in the southern side of the ridge. Jurassic fine grained granodiorite (γ δ J3dq2) and sedimentary rocks (J2ln) occurs in this area. Published Geological map (1:200,000) reports some NE-SW and NNE-SSE system structural lines passed around the surveyed area.
	(Upper dam/reservoir)	-There is a footpath to the point of 2km downstream from the upper dam site. The length of the path is about 6km from Tau My village, which is located on the way from Phan Thiet to Bao Loc. -At the end of the footpath, there is a large waterfall. Height is about 50m, and water run along the bed rock which slant is 30-40 degree. Upstream of the waterfall, there are many large stones in the river. This is the only route to the dam/reservoir to climb along the river, and the hard conditions refused us to reach the Dam site. -Rock of the survey area is granite, which is very hard.
	(Waterway • Power Station)	-According to the geological maps, rock of the headrace, penstock and underground powerhouse is granite. And at the tailrace, Jurassic fine grained granodiorite is distributed. -There are no remarkable points for waterway design in this primary stage.
	(Lower dam/reservoir)	-Lower dam site is planned at about 300m upstream of the backend of Da Mi reservoir. -There is a wild road from the approach road to Ham Thuan powerstation to 1km downstream of the dam site. The area is rather flat and unutilized. But there are no route to visit the dam site. -There are rock outcrop of Jurassic fine grained granodiorite is distributed in this area, which is very rigid. But some of the outcrops are hardly weathered and the depth of weathering is more than 2m. -Slope of the right bank is gentle with the slant of 20-30 degree. Therefore weathering depth may deeper. -The plan, using Da Mi reservoir instead of newly developed lower dam, is not available because the following reasons: length of waterway is about 2km longer, and; Electricity product of Da Mi power station is reduced.
Natural and Social Environment	Natural Park / Protected Area	The project site and its surrounding areas are not in any existing or proposed protected area.
	Prosperous fauna / flora	Large mammals have been extinct by hunting pressure. The forests in the proposed lower reservoir are secondary and the ones in the upper reservoir are relatively intact. Therefore, especially the forests in the upper reservoir will be expected to receive negative impacts such as secondary development and illegal logging.
	Minority	The ethnic minority group in the area, K ⁷ Ho, has already moved from the area by resettlement programs of the existing dam projects.

	Resettlement / Compensatory assets	At the present moment, no resettlement and compensation are expected to occur.
	Historical / Cultural Heritage	There is no historical / cultural site in and around the project site.
	Road / Traffic condition	Although there are good roads for the existing dams, there is no good one from the existing roads to the project site and it is necessary to construct new roads to the site.
Others' Special Note		The local people are secondary immigrants from all over the country who sought for lands after the development of the existing dams, and they are from many ethnic groups. They are “accustomed” to a development project such as a dam construction, and it is thought that negative social and economic impacts to them can be appropriately reduced by adequate mitigation measures. Distance from Planned Di Linh 500kv substation is about 30km.
Economic Value		820 mln US\$ (B/C=1.02)

Site Name: JS11



Upper reservoir
HWL: 1040m
LWL: 1020m

Power House

Lower reservoir
HWL: 400m
LWL: 380m

Original map No. 6531-I
Scale: 1:50,000



Photo 1

At the foot of nine-step fall of the Ta Mi stream line. Above is the dam site.



Photo 2

The lower dam site viewed from the downstream of the river.



Photo 3

The upper dam site viewed from the south of it. The dam site is just behind these mountains.

JS11– Upper reservoir



Photo 4

Dam site is behind the hill at the middle of this photo.



Photo 5

Right bank of dam site



Photo 6

Down stream of the dam site

JS11– Lower Reservoir



Photo 7

The K' Ho ethnic group has already moved out to a new resettlement area and has got compensation scheme by the Ham Thuan dam project.



Photo 8

The upstream of the lower dam site is viewed from the south of it. There are secondary forests.



Photo 9

The upper dam site is viewed from the south of it. There are relatively intact forests around the proposed upper reservoir.



Photo 10

There are agricultural lands in the downstream of the upper dam site. They cultivate cash crops such as coffee and tobacco. They are secondary immigrants to the area and have know-how to live under this kind of conditions.