

Table 1. Age Summary of Quaternary Units

Sample Numbers	GPS Location	Method	Ages	Unit/Position
(1) BT HW				
PB 02-14-06-(1)B	N27 °01'04.02" E92 °38'11.94"	OSL Dating	8,986.8±923.6 yr BP	T ₂ (BT Hanging wall)
SM-2	N27 °00'53.60" E92 °38'16.30"	OSL Dating	(1) 7.2±0.7 ka BP (2) 8.2±0.7 ka BP	T ₂ (BT Hanging wall)
SM-3	N27 °01'00.30" E92 °38'09.20"	OSL Dating	10.4±1.4 ka BP	T ₃ (BT Hanging wall)
PB 02-13-06-(3)B	N27 °01'04.56" E92 °38'02.94"	OSL Dating	4084.2±530.4 yr BP	Talus on top of T ₂ (BT Hanging wall)
PB 02-13-06-(4)B	N27 °00'58.68" E92 °38'00.84"	OSL Dating	10,385.3±1230.6 yr BP	T ₄ (BT Hanging wall)
SM-4	N27 °00'58.20" E92 °37'59.10"	OSL Dating	13.9±3.1 ka BP	T ₄ (BT Hanging wall)
(2) BA Backlimb				
AY 02-21-06	N27 °00'48.24" E92 °38'48.06"	Radiocarbon Dating	618±37 yr BP	TB _{1a} (Backlimb of Balipara anticline)
SM-1	N27 °01'02.40" E92 °38'48.90"	OSL Dating	7.3±1.0 ka BP	TB _{1b} (Backlimb of Balipara anticline)
PB 02-16-06-(3)A	N26 °56'29.17" E92 °47'40.71"	Radiocarbon Dating	(1) 922±11 yr BP (2) 906±28 yr BP	Soil layer on top of TB ₂ (Backlimb of Balipara anticline)
PB 02-16-06-(3)C	N26 °56'29.17" E92 °47'40.71"	OSL Dating	6094±719.6 yr BP	TB ₂ (Backlimb of Balipara anticline)
PB 02-16-06-(3)B	N26 °56'29.17" E92 °47'40.71"	OSL Dating	16,347.5±2,584.5yr BP	TB ₂ (Backlimb of Balipara anticline)
(3) BA Forelimb				
PB 02-15-06-(2)	N26 °59.718' E92 °47.696'	Radiocarbon Dating	(1) 1237±29 yr BP (2) 3721±38 yr BP	TF ₃ (Forelimb of Balipara anticline)
PB 02-24-06-(4)	N26 °56'38.04" E92 °41'37.74"	Radiocarbon Dating	(1) 883±38 yr BP (2) 883±38 yr BP	TF ₂ (Forelimb of Balipara anticline)

BT, Bhalukpong thrust; BA, Balipara anticline; HW, hanging wall; PB samples are from this study while SM samples are from Srivastava and Misra (2008)