

BANK SWALLOW NESTING SURVEY

Site Information	
Pit/Quarry UTM Coordinates	
Date and Time	

Survey Information - to be conducted only if nesting burrows are found.	
Description of nesting burrow locations (A grouping of burrows is called a colony). (E.g., stockpile, active face, unused face etc.)	_____

	Mark location on attached plan location of colony (take photos).
Bank Swallows using the burrows?	Y / N (Yes, means they are likely nesting)
Length between outside burrows.	_____ (m) metres
# of nesting burrows.	# _____
Within 50 m of colony describe activities & distances from colony (e.g. haul road 10 m – 50 trucks a day, rock crushing 30 m -10 hrs a day, screening machine, loader 5 m – 10 hrs a day etc.).	_____

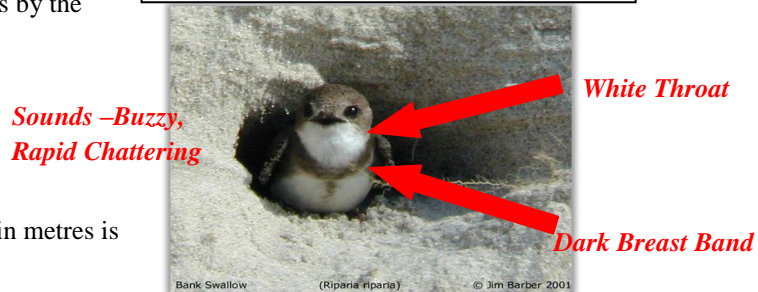
Additional Comments:

Survey Instructions:

- All areas where burrows exist on site must be surveyed once a week between May 1st and August 15th for the presence of nesting burrows, unless otherwise stipulated in the Mitigation Plan. Surveyor to observe stockpiles and open vertical faces.
- Location of nesting burrows to be identified on a copy of the Site Plan and attached to the survey form. Photos should be taken and attached.
- Observations must be made for use of the nesting burrows by the Bank Swallow (e.g., flying in and out of burrows).
- Surveyors must observe a minimum of ten minutes.
- Total number of nesting burrows must be counted.
- Horizontal distance between outer most nesting burrows in metres is to be recorded.
- Provide a description of operational activities occurring within 50 metres of the colony (e.g., haul roads, internal roads, screening, crushing, any machinery, etc.)
- All survey sheets, mapping and photos should be kept on file and included in Annual Reports to head office.



*Example: Horizontal distance= 10 m
 #Nesting Burrows = 11*



IF OPERATIONS HAVE THE POTENTIAL TO IMPACT/HARM THE NESTING BURROW OF THE BANK SWALLOW, A QUALIFIED PERSON MUST DETERMINE HOW THIS CAN BE AVOIDED.