

Sumas mtn. 888270 → Sumas Mtn.

MINFILE 092GSE004 - status at September 2004 is past producer

MINFILE 092GSE005 - status at September 2004 is producer

→ MINFILE 092GSE024 - status at September 2004 is producer - note that this MINFILE occurrence appears to be misplotted - actual location is on the south-west side of Sumas Mtn. Road - location measured on MapPlace is 49.069403 and 122.195037

Sept. 8/04

Text suggested:

MINFILE 092GSE005

Add the following to Comments: "See also 092GSE024"

MINFILE 092GSE024

Add the following to capsule Geology:

Sumas Mountain is a 14-km by 4-km southwest to northwest trending height of land in the central Fraser Valley consisting of four peaks known as, from southwest to northeast, Eagle Mtn., McKee Peak, Taggart Peak and Sumas Peak.

McKee Peak is underlain by gently westerly dipping Tertiary sedimentary rocks of the Huntingdon Formation. A prominent bed of sandstone / conglomerate forms a cliff on the south-side of the peak that is clearly visible from Hwy No. 1. A sequence of clay, shale and sandstone located at the east end of the cliff, on the eastern and southeastern slopes of McKee Peak and west of the Sumas Mtn. Road (MINFILE occurrences 092GSE004, 005 and 024) has been mined by underground and open pit methods for nearly a century. Material mined at the site include medium to dark grey clay and light grey to buff coloured shale and sandstone. Bricks and other cast refractory products have been made from the clay / shale since 1905 and more recently the shale has also been exploited for its alumina content in the manufacture of cement and the sandstone for its silica content in the manufacture of cement. Products have been manufactured in the past at Kilgard located on the south-side of Sumas Mtn., at the village of Clayburn on the north-side of the mountain and are currently manufactured at a plant in Abbotsford located approximately 8-km west of the mine site.

Four pits lie within the compact 600 by 1200 metre mine area centred on the main pit of MINFILE occurrence 092GSE024. From south to north the four pits are:

- Pit 1 (MINFILE 092GSE004) - a small inactive pit of medium to dark grey clay / shale.
- Pit 2 (MINFILE 092GSE005) - Clay / shale and sandstone are being mined in a pit approximately 75 x 150 metres in size. The medium to dark grey clay is being mined at the lowest elevation and lowest in the sequence. The portal used for past underground production is located at the southern limits of the pit. Mining in 2004 is developing the resource to the west of the portal and directly above it.
- Pit 3 (MINFILE 092GSE024) - medium to dark grey clay and light grey to buff coloured shale and sandstone are mined from this main pit approximately 100 by 400 metres in size.
- Pit 4 (MINFILE 092GSE024) - the medium to dark grey clay is mined at this small 50 by 75 metre pit located approximately 500 metres northwest of the main pit (pit 3).

## Schroeter, Tom EM:EX

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**From:** Schroeter, Tom EM:EX  
**Sent:** Wednesday, September 08, 2004 11:20 AM  
**To:** Pardy, Jamie EM:EX  
**Subject:** RE: MINFILE updates

Jamie, Good job. This type of update to Minfile is really appreciated.

## Tom

Tom Schroeter, P.Eng./P.Geo.  
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-----Original Message-----

**From:** Pardy, Jamie EM:EX  
**Sent:** Wednesday, September 08, 2004 11:12 AM  
**To:** de Groot, Laura EM:EX  
**Cc:** Webster, Ian EM:EX; Jones, Larry EM:EX; Schroeter, Tom EM:EX  
**Subject:** RE: MINFILE updates

Hi Laura,

Please find attached minor changes suggested for MINFILE occurrences at Sumas Mtn (092GSE004, 005, 024).

-----Original Message-----

**From:** Jones, Larry EM:EX  
**Sent:** Tuesday, September 07, 2004 1:59 PM  
**To:** Pardy, Jamie EM:EX  
**Cc:** de Groot, Laura EM:EX; Webster, Ian EM:EX  
**Subject:** RE: MINFILE updates

Jamie

Any efficient communication tool (email, faxed form, text file) will do. Minor changes can go directly to Laura. New occurrences and significant changes can go to Ian for review.

We still need to finish up the online coding card for submissions. You can still use the manual card:

<http://www.em.gov.bc.ca/Mining/Geolsurv/Minfile/manuals/coding/appdxii.htm>

**Larry Jones**  
ph (250) 952-0386  
www.MapPlace.ca

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**From:** Pardy, Jamie EM:EX  
**Sent:** September 7, 2004 11:48 AM  
**To:** Jones, Larry EM:EX  
**Subject:** MINFILE updates

Hi Larry,

What is the process for me to submit suggestions / updates for specific MINFILE occurrences? As follow-up to fieldwork conducted as Regional Geologist.

*Jamie*