

## 1 Customs Tariff Classification Suggestion

2 **Date (UTC):** 02/01/2026 23:53:23

3 **Account:** Main

4 **User:** User02

5 **ITEM:** Mineral concentrate containing mainly galena (lead (II) sulphide) and argentite (silver  
6 sulphide). It is obtained via metallurgical operations (flotation), which, based on the  
7 surface properties of the minerals, separate the valuable part (ore) from the non-valuable  
8 part (gangue), without modifying the chemical composition of the mineralogical species.  
9 The mineral concentrate is used for the extraction of lead and silver. Chemical Analysis: -  
10 Lead (Pb): 57.11 %, - Silver (Ag): 0.9689 % (9689 g/t).—

### 11 Conclusions

#### 12 **Main classification:**

13 Chapter 26, Heading 2607, Tariff item 2607.00.00. The goods are classified as “lead ores  
14 and concentrates” based on their predominant composition and intended metallurgical  
15 use, in accordance with the terms of the heading and the application of GRI 1, Note 2 to  
16 Chapter 26, and GRI 3(b).

#### 17 **Conditional classifications:**

18 - If the silver content were to predominate by weight or value, classification would proceed  
19 under Chapter 26, Heading 2616, as “precious metal ores and concentrates.” - If the  
20 product were chemically modified or constituted a single chemically defined compound,  
21 classification would proceed according to Chapter 28, as appropriate.

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### 23 Details

#### 24 **Extended item description**

25 Mineral concentrate containing mainly galena (lead (II) sulphide) and argentite (silver  
26 sulphide). It is obtained via metallurgical operations (flotation), which, based on the  
27 surface properties of the minerals, separate the valuable part (ore) from the non-valuable  
28 part (gangue), without modifying the chemical composition of the mineralogical species.  
29 The mineral concentrate is used for the extraction of lead and silver. Chemical Analysis: -  
30 Lead (Pb): 57.11 %, - Silver (Ag): 0.9689 % (9689 g/t)..

31 **Top 2 potential chapters**

## Chapter Justification

- 26** Chapter 26 covers ores, slag and ash , and Note 2 defines “ores” (headings 2601–2617) as minerals used in the metallurgical industry for extracting metals of section XIV or XV , matching a lead/silver mineral concentrate used for extraction. [GRI 1] [Note 2 Ch. 26] .
- 28** Chapter 28 headings apply only to separate chemical elements and separate chemically defined compounds ; a mineral concentrate (mixture of mineral species) is not described as a separate chemically defined compound. [GRI 1] [Note 1 Ch. 28] .

32 **TARIFF CLASSIFICATION RULING**33 **I. Applicable legal framework**

- 34 • **GRI 1:** “Classification is ... determined by the terms of the headings and of the  
35 Section or Chapter Notes ...”  
36
- 37 • **GRI 3(a)–(b)** (for goods prima facie classifiable under multiple headings): most  
38 specific description; if not decisive, essential character  
39
- 40 • **GRI 6** (subheading level): classification “shall be determined ... by the terms of  
41 those subheadings”  
42
- 43 • **Chapter 26, Note 2:** defines “ores” for headings 2601–2617 as minerals “used in the  
44 metallurgical industry for the extraction of ... the metals of section XIV or XV”  
45
- 46 • **Chapter 28, Note 1:** headings apply only to “separate chemical elements and  
47 separate chemically defined compounds ...”  
48

- 49 • **Tariff text:** heading **2607.00.00** “Lead ores and concentrates” ; heading **2616**  
50 “Precious metal ores and concentrates”

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52 **II. Legal and technical analysis (chapter → heading → subheading → tariff**  
53 **item)**

54 **1) Chapter level (Chapters 26 vs 28)**

55 The product is described as a **mineral concentrate** containing mainly **galena (lead(II)**  
56 **sulphide)** and **argentite (silver sulphide)**, obtained by **flotation** separating ore from  
57 gangue “without modifying the chemical composition,” and **used for the extraction of**  
58 **lead and silver.**

59 Under **Chapter 26, Note 2**, “ores” for headings 2601–2617 include minerals used in the  
60 metallurgical industry “for the extraction of ... the metals of section XIV or XV” . The  
61 described product is expressly used for extraction of **lead** (Section XV) and **silver** (Section  
62 XIV), and is a **concentrate** obtained by a separation operation (flotation) with no stated  
63 chemical modification; therefore, it is described by Chapter 26 as an ore/concentrate  
64 within headings 2601–2617. Application is governed by **GRI 1** .

65 Chapter 28 is legally constrained by **Note 1**, which limits the chapter to “separate chemical  
66 elements and separate chemically defined compounds” . The described product is a  
67 **mineral concentrate** consisting mainly of two mineralogical species (galena and  
68 argentite), i.e., not a single separate chemically defined compound. Accordingly, Chapter  
69 28 is excluded at the chapter level.

70 **Conclusion at chapter level: Chapter 26.**

71 **2) Heading level within Chapter 26 (competing headings must be evaluated)**

72 The relevant competing headings in Chapter 26 are:

- 73 • **2607.00.00 — Lead ores and concentrates**  
74  
75 • **2616 — Precious metal ores and concentrates (including silver ores and**  
76 **concentrates)**

77 Because the concentrate contains **lead-bearing mineral (galena)** and **silver-bearing**  
78 **mineral (argentite)** and is used to extract **both lead and silver**, it is **prima facie**  
79 **classifiable** in both headings 2607 and 2616 by their terms. Therefore, classification  
80 proceeds under **GRI 3** .

- 81 • **GRI 3(a) (most specific)** does not resolve the issue because each heading  
82 describes only part of the materials/metal values present (lead vs precious  
83 metal/silver). Under the rule text, such headings are regarded as equally specific in  
84 that situation .
- 85 • **GRI 3(b) (essential character)** therefore applies . The product’s chemical analysis  
86 states **lead (Pb) 57.11%** and **silver (Ag) 0.9689%**. On these stated facts, the  
87 concentrate is predominantly lead-bearing by content, so the **essential character**  
88 **is imparted by lead**. Accordingly, the heading selected is **2607 (Lead ores and**  
89 **concentrates)**.

90 **Conclusion at heading level: 2607.**

91 **3) Subheading level and tariff item (within heading 2607)**

92 Heading 2607 is expressed at the tariff-item level as **2607.00.00 — Lead ores and**  
93 **concentrates** . Applying **GRI 6** , the correct tariff item is **2607.00.00**.

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95 **III. Exclusion of alternatives (within Chapters 26 and 28)**

96 **Chapter 28 alternatives (excluded)**

- 97 • **Chapter 28 generally (including heading 2830 “Sulfides; polysulfides...”)** is  
98 excluded because Chapter 28 applies only to “separate chemical elements and  
99 separate chemically defined compounds” , whereas the product is described as a  
100 **mineral concentrate** consisting mainly of **galena and argentite** (a mixture of  
101 mineralogical species), not a single separate chemically defined compound.

102 **Chapter 26 alternatives (excluded)**

- 103 • **2616 — Precious metal ores and concentrates (including silver ores and**  
104 **concentrates)** is excluded by application of **GRI 3(b)** because the product’s stated  
105 composition shows **lead (57.11%)** greatly predominates over **silver (0.9689%)**,  
106 imparting the essential character as a **lead ore/concentrate** .
- 107 • **2617 — Other ores and concentrates** is excluded because a specific heading  
108 exists for lead ores and concentrates (**2607**) , and classification follows the  
109 headings’ terms under **GRI 1** .
- 110 • **2620 — Slag, ash and residues ...** is excluded because the product is described as  
111 a **mineral concentrate** obtained by flotation, not as slag/ash/residue.

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113 **IV. Main classification table**

Chapter	Heading	Subheading	Tariff item (8 digits)	Statistical suffix	Legal basis
26	2607	2607.00	2607.00.00	—	[GRI 1]; [GRI 3(b)]; [GRI 6]; [Note 2 Ch. 26]; [Tariff Text Ch. 26—2607.00.00]

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 115 **V. Conditional determination (if applicable)**

 116 Not applicable (the stated description and chemical analysis support a single  
 117 determination at the 8-digit level).

 118 **MISSING CRITERIA (only if a finer statistical breakout is required):** \* If a 10-digit  
 119 statistical reporting number must be provided under 2607.00.00, the applicable  
 120 rule/criteria for selecting among the listed statistical breakouts (e.g., “lead content” vs  
 121 “silver content”) would be required.

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 123 **Legal Disclaimer**

 124 This report is provided for informational purposes only and is intended to support the U.S.  
 125 tariff classification process. It does not constitute legal advice and does not replace  
 126 professional judgment or the review of a licensed customs broker or qualified trade  
 127 compliance specialist.

 128 This determination was generated using *Claude* based on the Harmonized Tariff Schedule  
 129 of the United States (HTSUS) and relevant U.S. Customs and Border Protection (CBP)  
 130 guidance as currently in force.