Reserves & resources

Field	Type	Key
rr_id	text	PK
year	int	
commodity	text	
reserves_resources	text	
type	text	
ore	float	
ore_unit	text	
grade	float	
grade_unit	text	
metal_content	float	
metal_content_unit	text	
recovery_rate	float	
comment	text	
main_id	text	FK
facility_group_id	text	FK
source_id	text	FK

Production

Field	Type	Key
prod_id	text	PK
year	int	
geography	text	
commodity	text	
reference_point	text	
material_type	text	
data_type	text	
unit	text	
value	float	
value_tonnes	float	
comment	text	
main_id	text	FK
facility_group_id	text	FK
company_id	text	FK
source_id	text	FK

Environment_flow

Field	Type	Key
env_id	text	PK
year	int	
compartment_id	text	FK
flow_type	text	
substance_id	text	FK
unit	text	
value	float	
comment	text	
main_id	text	FK
facility_group_id	text	FK
company_id	text	FK
source_id	text	FK

Environment_intensity

Field	Type	Key
env_intensity_id	text	PK
year	int	
compartment_id	text	FK
substance_id	text	FK
unit	text	
value	float	
comment	text	
main_id	text	FK
facility_group_id	text	FK
company_id	text	FK
source_id	text	FK

Energy

Field	Type	Key
nrj_id	text	PK
year	int	
energy_type	text	
unit	text	
value	float	
comment	text	
main_id	text	FK
facility_group_id	text	FK
company_id	text	FK
source_id	text	FK

Source

Field	Type	Key
source_id		PK
source_name	text	
source_type	text	
year	int	
author	text	
doi/url	text	

Substance

Field	Type	Key
substance_id	text	PK
substance_name	text	
ecoinvent_alias	text	

Compartment

Field	Type	Key
compartment_id	text	PK
compartment_type	text	
compartment_pathway	text	

Company

Field	Type	Key
facility_group_id	text	PK
company_id	text	PK

MAIN

Field	Type	Key
main_id	text	PK
facility_group_id	text	
company_id	text	
facility_name	text	
reported_company	text	
city	text	
province	text	
status	text	
activity_status	text	
development_stage	text	
facility_type	text	
mining_processing_type	text	
commodity_group	text	
commodities	text	
owners	text	
operator	text	
facility_url	url	
comment	text	
geometry	geom	
source_id	FK	

Tailings

Field	Type	Key
tailing_id	text	PK
year	int	
tsf_name	text	
status	text	
construction_year	int	
raise_type	text	
current_max_height	float	
current_storage	float	
hazard_categorization	text	
classification_system	text	
geometry	geom	
main_id	text	FK
source_id	text	FK

Land occupation

Field	Type	Key
land_occupation_id	text	PK
area_km2	float	
geometry	geom	
distance_km	float	
main_id	text	FK
tailing_id	text	FK
source_id	text	FK

By-product ratios

Field	Type	Key
bth_id	text	PK
host	text	
by_product	text	
value	int	
main_id	text	FK
source_id	text	FK

Archetypes

Field	Type	Key
archetype_id	text	PK
facility_group_id	text	
deposit_type	text	
mining_depth	int	
mining_method	text	
processing_method	text	
main_id	text	FK
source_id	text	FK

Water risk

Field	Type	Key
water_risk_id	text	PK
indicator	text	
value	float	
year	int	
scenario	text	
main_id	text	FK
source_id	text	FK

Climate categories

Field	Type	Key
climate_category_id	text	PK
year	int	
scenario	text	
category	text	
main_id	text	FK
source_id	text	FK

Weather

Field	Type	Key
weather_id	text	PK
year	int	
variable	text	
value	float	
unit	text	
scenario	text	
main_id	text	FK
source_id	text	FK

Land cover

Field	Type	Key
land_cover_id	text	PK
year	int	
modis_land_cover	text	
esa_land_cover	text	
npv_biome_type	text	
main_id	text	FK
source_id	text	FK

Conflict

Field	Type	Key
ej_atlas_id	text	PK
case_name	text	
start_date	date	
end_date	date	
conflict_description	text	
conflict_details	text	
population_affected	text	
conflict_intensity	text	
project_status	text	
main_id	text	FK
source_id	text	FK

Population

Field	Type	Key
population_id	text	PK
year	int	
buffer_size	int	
total_population	int	
main_id	text	FK
source_id	text	FK

Peatland

Field	Type	Key
peatland_presence	text	
main_id	text	FK

Prioritized conservation areas

Field	Type	Key
score_1km	float	
mean_score_50km	float	
main_id	text	FK

Protected & Indigenous lands

Field	Type	Key
protected_area_id	text	PK
land_name	text	
land_type	text	
distance_km	text	
geometry	geom	
main_id	text	FK
source_id	text	FK

LEGEND

- Time-independent
- Time-dependent
- 🔑 Primary Key (PK)
- 🔗 Foreign Key (FK)