

FARO MODEL GEOLOGIC CODINGGEOLOGY CODING FOR MEDSYSTEM DDH COMPOSITE AND MODEL FILESSIMPLIFIED GEOLOGY

NO. (AS STORED IN MODEL)	LABEL	
1	UNDETERMINED	] WASTE
2	O/B	
3	3D	
4	3A	
5	1D	
6	10E (INTRUSIVE)	
7	2A	] MINERALIZED
8	2BCD	
9	2CE	
10	2EF	
11	2H	
12	2G	

FOR DESCRIPTION OF LABELS REFER TO LITHOSTRATIGRAPHIC CODE.

17/7/82

VANGORDA MODEL GEOLOGIC CODING

GEOLOGY CODING FOR MEDSYSTEM DDH COMPOSITE AND MODEL FILES  
SIMPLIFIED GEOLOGY

NO. (AS STORED IN MODEL)	LABEL		
1	0/B	]	WASTE
2	Unit 5		
3	4G	]	MINERALIZED
4	4EFHKJ		
5	4GE		
6	4CE		
7	4BCD		
8	4A		
9	UNDETERMINED	]	WASTE

FOR DESCRIPTION OF LABELS REFER TO LITHOSTRATIGRAPHIC CODE.

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MAIN DEPOSIT AREA  
LITHOSTRATIGRAPHIC CODE

Intrusive Rocks

Unit 10	928	10-A	Granodiorite (kspars-plag. quartz>10%)
	929	B	Adamellite (qtz monzonite)
	939	C	Pegmatite
	956	D	Quartz diorite (kspars-plag. qtz>10%)
	934	E	Diorite (kspars-plag. qtz>10%)
	925	F	Monzonite (kspars-plag. qtz>10%)
	922	G	Pyroxenite
	937	H	Granite (kspars-plag. qtz>10%)
	930	J	Syenite (kspars-plag. qtz>10%)
	938	Q	Bull qtz veins/pods

- 1 Foliated/limested
- 2 Porphyritic
- 3 Aphanitic
- 4 Smoky qtz-bearing
- 5 Muscovite-bearing
- 6 Kspar-bearing
- 7 Biotite-bearing
- 8 Amphibole-bearing
- 9 Altered (kaolinite, montmorillonite)
- 0 Normal (equigranular)

GEOLOGY CODING FOR MEDSYSTEM DDH  
ASSAY FILES  
DETAILED GEOLOGY

Vangorda Formation

Unit 5	936	S-A	Variably calcareous, graphitic phyllite (hosts Unit 4; = 1E, hosts Unit 2)
	920	B	Calcareous muscovite-chlorite-biotite phyllite (greenschist equivalent of 3D)
	908	C	Metabasite
	910	D	Chloritic phyllite
	904	E	Phyllitic marble and silicified marble
	910	F	Laminarly banded, variably calcareous, chloritic phyllite (associated with 5C)
	949	G	Variably calcareous, graphitic phyllite.

- 1 Siliceous
- 2 Carbonaceous
- 3 Calcareous
- 4 Altered, pyritic (white mica envelope)
- 5 Banded/laminated
- 6 Non-calcareous
- 7 Chlorite laminations
- 8 Chloritic
- 9 Sulfide-bearing
- 0 Normal
- \* Carbonate-bearing

Fero. Grm. Vangorda, DY Deposits

Unit 2/4	922	2/4-A	Sulfide-bearing, ribbon-banded, graphitic quartzite
	915	B	Pyrite-free quartzite (may contain base metal sulfides)
	916	C	Base metal-poor, pyritic quartzite
	942	D	Base metal-bearing, pyritic quartzite
	918	E	Massive pyritic sulfides
	923	F	Buckshot facies, massive sulfides
	928	G	Baritic facies, massive sulfides/sulfates (>10% BaSO <sub>4</sub> )
	924	H	Pyrrhotitic facies, massive sulfides
	949	J	Non-pyritic, massive sulfides/oxides
	921	K	Carbonate-bearing, massive pyritic sulfides
	914	L	Carbonate-bearing, massive pyritic sulfides

- 1 Siliceous
- 2 Coarse, porphyroblastic pyrite-bearing
- 3 Fine pyrite/marcasite-bearing
- 4 Sphalerite and/or galena-bearing
- 5 Carbonaceous
- 6 Barite-bearing
- 7 Pyrrhotite-bearing
- 8 Magnetite-bearing
- 9 Chalcopyrite-bearing
- 0 Normal
- \* Carbonate-bearing

- 1 Siliceous
- 2 Pyrite-bearing
- 3 Talc/kaolinite-bearing
- 4 ZnS and/or PbS-bearing
- 5 Carbonate-bearing
- 6 Chl-bio-qtz-musc ph
- 7 Pyrrhotite-bearing
- 8 Magnetite-bearing
- 9 Chalcopyrite-bearing
- 0 Normal

Mt. Hye Formation

Unit 3	916	3-I	Graphitic quartzite in non-calcareous phyllite/schist
	913	H	Tuffaceous calc-silicate phyllite/schist (assoc. with 3D; identical to 5F)
	941	G	Non-calcareous muscovite-chlorite-biotite phyllite/schist (s 1C, 1D)
	906	F	Marble and silicified marble (s 1G)
	963	E	Graphitic phyllite/schist (s 5A)
	913	D	Calc-silicate phyllite/schist (s. greenschist to amphibolite facies equiv. of 5B)
	908	C	Metabasite
	946	B	Chloritic phyllite/schist (c.f. 5D)
	912	3-A	Transition zone with unit 1 (interbanded chloritic phyllite, graphitic phyllite and pelites of Vangorda and Mt. Hye Fms.)

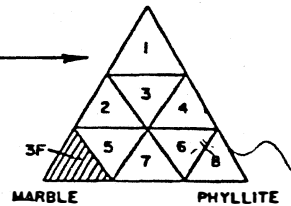
- 1 Siliceous
- 2 Carbonaceous
- 3 Calcareous
- 4 Altered, pyritic (ume)\*
- 5 Banded/laminated
- 6 Sulfide-bearing
- 7 Chlorite laminations
- 8 Chloritic
- 9 Carbonaceous
- 0 Normal

Unit 1	902	1-B	Talcite and silicified marble (s 3F)
	943	C	Quartz-feldspathic, biotite-muscovite gneiss/schist (s 3G)
	947	D	Carbonaceous biotite-muscovite-andalusite schist (s 3G)
	967	E	Graphitic schist (s 5A)
	908	F	Metabasite (s 3C)
	901	G	Marble and silicified marble (s 3F)
	910	1-H	Chloritic schist (c.f. 5D)

- 1 Siliceous
- 2 Carbonaceous
- 3 Calcareous
- 4 Altered, pyritic (ume)\*
- 5 Banded
- 6 Clotted
- 7 Staurolitic
- 8 Chloritic
- 9 Sulfide-bearing
- 0 Normal

↑ GREENSCHIST FACIES  
↓ AMPHIBOLITE FACIES

CALC-SILICATE PHASES



\* (ume) White mica envelope

Nov. 16/81  
DsJ/B.B.