

LaGore Prospect	El. 7200	SE corner Sec. 8, T. 3 S., R. 44 E.
Manuel Lopez Prospect		Sec. 18, T. 4 S., R. 45 E.
Matterhorn Group	(see Wilmot Group)	
McCully Basin Prospect	El. 8400	NW $\frac{1}{4}$ Sec. 23, T. 4 S., R. 45 E.
Metzger Property		Sec. 5, T. 3 S., R. 44 E.
Mountain Gem	(see Green Group)	
Northwest Lime Co. (formerly Black Marble & Lime Co.)	El. 7000	SE $\frac{1}{4}$ of Sec. 19, T. 2 S., R. 44 E.
Peacock Group	(see Contact Group)	
Royal Purple Prospect	El. 7700	Center of W $\frac{1}{2}$ Sec. 34, T. 3 S., R. 45 E.
Scott Claims	(See <del>Dr. Scott</del> <sup>Contact Group</sup> )	
Seeber Prospect (Walla Walla Group)	El. 7700	Center Sec. 21, T. 4 S., R. 45 E.
Sunset Prospect	(see Frazier Prospect)	
Tenderfoot "Mine"	El. 7300	Near center Sec. 33, T. 4 S., R. 45 E.
Transvaal Prospect	El. 7400	SW corner Sec. 35, T. 3 S., R. 45 E.
Walla Walla Group	(see Seeber Prospect)	
Wallowa County Mining and Development Co. (Williams "Mine")	El. 6300	NW $\frac{1}{4}$ Sec. 15, T. 5 S., R. 46 E.
White Eagle Group	(see Contact Group)	
Williams "Mine"	(see Wallowa Co. Mining and Development Co.)	
Wilmot Group (Matterhorn)		SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10, T. 4 S., R. 44 E.
Wilson "Mine"	El. 7100	SW corner Sec. 27, T. 3 S., R. 43 E.

MINERAL PROSPECTS IN THE WALLOWAS

Royal Purple prospect:	Center of $\frac{1}{2}$ Sec. 34, T. 3 S., R. 45 E.	El. 7700
Transvaal prospect:	SE corner Sec. 35, T. 3 S., R. 45 E.	El. 74000
Seeber Prospect: (Walla Walla Group)	Center Sec. 21, T. 4S., R. 45 E.	El. 7700
Tenderfoot "Mine"	Near center Sec. 33, T. 4S., R. 45 E.	El. 7300
Frazier Prospect: (Golden Cat, Sunset, etc.)	Center $\frac{1}{2}$ Sec. 12, T. 5 S., R. 44 E.	El. 8800
Andy Heaveone's Prospect	NW $\frac{1}{4}$ Sec. 6, T. 5S., R. 45E.	El. 7300
Manual Lopez Prospect: Green Group	Sec. 18, T. 4S., R. 45E. (Formerly known as Gem Group—Copper Gem, Mountain Gem, Etc.—and Copper King)	El. 6000
LaGore Prospect:	SE corner Sec. 8, T. 3S. R. 44 E.	El. 7200
Gyllenbergs Prospect: (Heela Consol.)	NE $\frac{1}{4}$ Sec. 21, T. 3S., R. 44 E.	
Donnelly Prospect: Blue Lake	Sec. 36, T. 4S., R. 43E.	El. 8600
Contact Group (Also known as Peacock, White Eagle, Dr. Scott claims)		
Northwest Lime Co. Formerly Black Marble & Lime Co.	SE $\frac{1}{4}$ OF Sec. 19, T. 2S., R. 44 E.	El. 7000
Great Northern Prospect: Three prospects	$\frac{1}{2}$ of Sec. 23 and E $\frac{1}{2}$ Sec. 22, T. 4S., R. 43E.	El. 8400-8500
Wilson Mine	SW corner Sec. 27, T. 3S., R. 43 E.	El. 7100
Bowman Creek Claim	Just N. of Center of Sec. 27, T. 3S., R.	El. 8100
Wallowa Co. Min. & Dev. Co. (Williams "Mine")	NW $\frac{1}{4}$ Sec. 15, T. 5 S., R. 46 E.	El. 6300
Boner Flat Prosp.	Center south line of SE $\frac{1}{4}$ Sec. 15, T. 5S., R. 45E.	El. 8100
McCully Basin Prospect:	NW $\frac{1}{4}$ Sec. 23, T. 4S., R. 45 E.	El. 8400
B.C. Basin Prospect:	NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36, T. 3S., R. 45 E.	El. 8400
Copper Creek Prospects:	Sec. 26, T. 5S., R. 43E.	
Hummingbird Mt. Prospect:	NE corner Sec. 6, T. 6 S. R. 44 E.	El. 8000
Wilnot Property: (Matterhorn)	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 10, T. 4S., R. 44 E.	
Metzger Property	Sec. 5, T. 3 S., R. 44 E.	

MINERAL PROSPECTS IN THE WALLOWAS

Andy Heaverne's Prospect	El. 7300	NW $\frac{1}{4}$ Sec. 6, T. 5 S., R. 45 E.
B. C. Basin Prospect	El. 8400	NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 36, T. 3 S., R. 45 E.
Black Marble and Lime Co.	(see Northwest Lime Co.)	
Blue Lake Mine	(see Donnelly Prospect)	
Boner Flat Prospect	El. 8100	Center south line of SE $\frac{1}{4}$ Sec. 15, T. 5 S., R. 45 E.
Bowman Creek Claim	El. 8100	Just N. of Center of Sec. 27, T. 3 S., R. 43 E.
Contact Group (also known as Peacock, White Eagle, Dr. Scott claims)	El. 7000	Center of E. edge Sec. 24, T. 3 S., R. 43 E.
Copper Gem	(see Green Group)	
Copper Creek Prospects		Sec. 26, T. 5 S., R. 43 E.
Copper King	(see Green Group)	
Donnelly Prospect (Blue Lake Mine)	El. 8600	Sec. 36, T. 4 S., R. 43 E.
Dr. Scott Claims	(see Contact Group)	
Frazier Prospect (Golden Cat, Sunset, etc.)	El. 8800	Center N $\frac{1}{2}$ Sec. 12, T. 5 S., R. 44 E.
Gem Group	(see Green Group)	
Golden Cat	(see Frazier Prospect)	
Great Northern Prospects (Three Prospects)	El. 8400- 8500	W $\frac{1}{2}$ of Sec. 23 and E $\frac{1}{2}$ Sec. 22, T. 4 S., R. 43 E.
Green Group (formerly known as Gem Group--Copper Gem, Mountain Gem, etc.--and Copper King)	El. 6000	SE $\frac{1}{4}$ sec. 6, and N $\frac{1}{2}$ Sec. 7, T. 4 S., R. 45 E.
Gyllenberg's Prospect (Hecla Consolidated)		NE $\frac{1}{4}$ Sec. 21, T. 3 S., R. 44 E.
Heaverne's Prospect	(see Andy Heaverne's Prospect)	
Hummingbird Mt. Prospect	El. 8000	NE corner Sec. 6, T. 6 S., R. 44 E.
Hecla Consolidated	(see Gyllenberg's Prospect)	

## HISTORY OF MINING IN THE AREA

Unfortunately the history of mining in the northern part of the Wallowa region is somewhat sketchy. There have been a number of enterprises dating from the early days, but the details of these are rather obscure. Mr. Joe LeGore, a prospector now in his 80's and living at Enterprise, furnishes most of the acceptable information in these early mining activities. According to him there was some mining interest and activity as early as 1862. The first recorded mining claim was about 1885. In 1904 or 1905 the famous (or infamous) Tenderfoot episode occurred. This was a mining promotion in the Tenderfoot Basin. Camps were built and rather elaborate preparations were made to extract ore, but according to the best information the ore had been salted and the work came to naught.

At many places in these ranges one comes upon old prospects but for the most part prospecting was carried out in a haphazard manner and not according to any very well organized plan.

In the middle 80's we understand 1,350 pounds of silver ore are said to have been shipped from the Williams Mine and returned about \$65 per ton.

In the late 80's Dr. J. T. Dean built a small smelter at the head of Willow Lake. After a period of experimenting, which we learn was not successful, the plant burned down.

During the 20's there was a substantial development at the Black Marble Quarry. Kilns were built and lime rock, actually marbles, was burned for some years. It is said that the product produced when used in plaster for building houses was of very superior type because, as the plaster is termed, it "worked" particularly well. According to our observation the type of dark colored or black marble that was burned for lime makes a most beautiful stone, when polished, for interior finishing or decorating. It has been classified by stone cutters as equal to any of the imported marbles and superior to many. The rock is quite massive, contains few streaks or imperfections, and in the jet black ground mass carries spots, blobs and streaks of white calcite, perhaps fossils originally, that give the polished stone a most beautiful and pleasing figure.

## COPPER

Many occurrences of the ore of this material, usually chalcopyrite, have been found in the northern Wallowas. Tunnels have been driven into a number of these but so far no bodies of commercial importance have been opened up. In several localities in the eastern and southern portion of the Wallowas there is evidence of more substantial deposits of copper but none of these is actually operating as a copper mine at the present time. The ore of the Cornucopia Mine in the southern Wallowas contains enough copper to help pay the freight on the concentrates to the smelter.

Due to the small and inconsistent nature of the copper bearing veins from the northern Wallowa area it does not appear that prospecting for copper should be encouraged in the area.

## MOLYBDENITE

This common ore mineral of the metal molybdenum is found irregularly disseminated along granodiorite limestone contacts at a half dozen localities in the northern Wallowas. It occurs as a contact metamorphic mineral along with epidote, garnet, and several of the other rock forming minerals and in the contact zones known as tactites. At such points samples have given assays from 0 up to 6 or 8 percent in molybdenum. However, examination of the more likely deposits does not indicate that molybdenum is apt to be found in commercial quantities.

When there is a better demand for the mineral it is probable that further exploration for this mineral will be justified. It is always possible under the conditions that exist in the northern Wallowa Mountains, namely where great masses of granite lie in contact with limestone, that disseminated bodies of the contact ore minerals may be present.

WALLOWA COUNTY

WALLOWA AREA

The Wallow area embraces the county of that name, with several districts which may be most easily defined by their drainage areas as the Imnaha, Lostine, West Fork, Wallowa Lake, and Hurricane Creek districts.